

# Statistical Abstract of the United States 1958

*79th Annual Edition*

Prepared under the direction of

EDWIN D. GOLDFIELD

Chief, Statistical Reports Division

*Bureau of the Census  
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## ACKNOWLEDGMENTS

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The cooperation of the many contributors to this volume is gratefully acknowledged. The list of sources of tables (pp. 953-956) and the source note below each table credit the various government and private agencies which have collaborated in furnishing information for the *Statistical Abstract*.

JUNE 1958.

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## P R E F A C E

The *Statistical Abstract of the United States*, published annually since 1878, is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to fulfill two functions: First, to serve as a convenient volume for statistical reference; and second, to serve as a guide to other statistical publications and sources. The latter function is served by the introductory text to each section, the source notes appearing below each table, and the Bibliography of Sources (page 957).

This volume includes a selection of data from many important statistical publications, both governmental and private. The publications cited as sources usually contain additional statistical detail and a more complete discussion of relevant definitions and concepts than can be presented here. Where contributing agencies are cited as sources, without mention of publications, more detailed information frequently is available from their unpublished tabulations and records.

Emphasis in the *Statistical Abstract* is given primarily to national data. Data for regions and individual States are presented to a lesser extent. Statistics for Territories and possessions are included in the State tables whenever available and supplemented by specialized information for these areas in section 33. Statistics for cities or other relatively small geographic units appear only in a few instances. Unless otherwise noted, statistics for the United States relate to continental United States.

**1958 edition.**—This edition, the 79th annual issue, was compiled and published in 1958. It presents data for the most recent year or period available during the early part of 1958.

Each year, in addition to the normal bringing up to date of the over 1,200 tables and charts included, new tables containing pertinent data are introduced. Data that are less timely are eliminated and format and text changes are made where considered advisable.

This year special efforts were directed to furthering the development of a section of tables devoted to recreation. Although there is considerable interest in this subject, statistics about it are relatively difficult to obtain. Thirteen tables are now assembled as part of the Public Lands; Parks; and Recreation section. Of this number, four relating to parks have been presented before in the former Public Lands and Park Systems section; three others relating to hunting and fishing have been presented before in the Forests and Forest Products section; the remaining six are entirely new to the *Abstract*.

Important changes have also occurred in section 21, Transportation, Land and Air, and in section 15, State and Local Government Finances and Employment. The presentation of railways statistics in section 21 has been extensively revised by trimming subject and historical detail, by redesign of tables to include information consistent with the more current materials now available, and by inclusion of new tables. In section 15, results from the 1957 Census of Governments have contributed significant additions concerning assessed valuations of taxable property and long-term State and local government debt, and brought up to date the basic count of types of governmental units.

Among the new tables which are of particular current interest in this edition are a number reflecting trends in agriculture, technology, and housing. These include tables relating to the economic level of farms and farm families, the share and governmental support of U. S. agricultural exports in world markets, Federal government obligations for scientific research and development, measures of research and

development in the natural sciences, an inventory of housing units in 1956, and characteristics of home purchasers transacted under veterans loan guarantees.

A total of 62 new tables have been introduced in this edition. Following is a list of subjects covered by some of the new tables:

Personal consumption expenditures for recreation	National housing inventory
Number and facilities of municipal parks	Religious affiliation reported by the civilian population
Summary of selected recreational activities	Private expenditures for medical care
Operating revenues of different types of transport	Level of schooling completed for persons 25 years old and over
Fuel and power consumed by railways	Homicides and suicides
Assessed value of property subject to taxation	Value of military procurement actions
Long-term State and local government debt	Private pension plans
Average acreage per farm, by economic class	Child adoptions
Level-of-living indicators for farm-operator families	Political party composition of State legislatures
Prices received and parity prices for farm products	Commercial and industrial loans of banks, by size of borrowers' assets
Value of agricultural exports under government-financed programs	Characteristics of life insurance policyholders
Research and development in the natural sciences	Sales of books and pamphlets, by subject
	Motor-vehicle operators licenses issued
	United States contributions to international organizations

Among tables shown in the last edition, 50 were omitted from this issue. Major omissions occurred in the section on Transportation, Land and Air, affecting financial statistics of railways; in the Income, Expenditures, and Wealth section affecting discontinued series on income shares of upper and lower groups of the population, and net worth of spending units, and other figures on wage or salary income; in the Federal Government Finances and Employment section affecting data on Federal investment and operating expenditures, distribution by income classes of individual income tax returns, sales of U. S. savings bonds, and Federal employment in selected agencies; and in the Business Enterprise section affecting data on business failures and on firms surviving to specified ages. Some of the information in the omitted tables was absorbed in other tables still present.

**Supplements to the Abstract.**—The *Statistical Abstract*, as an annual one-volume publication, is of necessity limited in amount of detail shown. Businessmen, teachers, librarians, public officials, professional workers, market researchers, and others often require data for individual cities, counties, metropolitan areas, and other small areas as well as for States. Economists, teachers, social scientists, historians, students, and others frequently need more historical information. To meet such requests for more detail, a series of supplements to the *Abstract* have been issued.

The *County and City Data Book, 1956*, is designed to help satisfy the need for statistical information about counties and cities and other relatively small geographic areas. Conveniently assembled are 133 statistical items for each county in the United States and 130 statistical items for each of the 484 cities having 25,000 inhabitants or more in 1950. Information comparable to that for counties is also presented for geographic regions and divisions, States, and standard metropolitan areas. A special feature is an appendix which presents selected data for Congressional Districts. Also included are descriptive text and source notes.

This edition is the fifth in the *County and City Data Book* series. Many of the statistics in this volume were obtained from the results of the 1954 Censuses of Agriculture, Business, and Manufactures. Other subjects covered include births, deaths, and marriages; population characteristics; dwelling units; city government finances and employment; hospitals; bank deposits; and other items of social and economic importance. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$4.50.

*Historical Statistics of the United States, 1789-1945*, a historical supplement, was published in July 1949. This volume presents, in compact form, approximately 3,000 statistical time series (mostly on an annual basis) which cover various periods from 1789 to 1945. These time series reflect economic, social, and political aspects of the development of the Nation since the Federal Government was formally established. In the preparation of this supplement the Bureau of the Census had the cooperation of a special committee of the Social Science Research Council set up to advise the Director of the Census on a source book of historical statistics and of the Committee on Research in Economic History under the auspices of the Social Science Research Council. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$3.25.

*Continuation to 1952 of Historical Statistics of the United States, 1789-1945*, issued in May 1954, presents data for 1946 to 1952 for the current series shown in *Historical Statistics*, mentioned above. It also contains the latest revisions for many of the series in *Historical Statistics*. This publication is also on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for 55 cents.

Headnotes to the tables in the *Statistical Abstract* include cross-references to specific series in *Historical Statistics, 1789-1945*, and in its *Continuation to 1952* whenever the tables contain figures related to those series.

Preparation of a revised edition of *Historical Statistics* is presently underway. The new volume expected to be published in 1959 will greatly enlarge the scope of the present volume by adding much new material and by bringing the older material up to date.

**Responsibility.**—The contents of this volume are taken from a large number of sources, as indicated in the list of agencies furnishing material. (See pages 953-956.) 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. However, the responsibility for selection of the material and for proper presentation rests with the Bureau.

Many persons have written offering suggestions for improving the presentation of the material. These letters have been most helpful and users are urged to continue to make their needs known. All suggestions will be carefully considered in planning future editions.

#### FOR ADDITIONAL INFORMATION ON DATA PRESENTED

write to the agency indicated in the source note to the table which covers the desired subject.

#### SUGGESTIONS AND COMMENTS

should be sent to  
The Director  
Bureau of the Census  
Washington 25, D. C.

## STATISTICAL ABSTRACT SUPPLEMENTS

*County and City Data Book, 1956.* A compact presentation of 133 items of statistical data for each county in the United States, and 130 items of statistical data for each of 484 cities having 25,000 inhabitants or more in 1950. Information comparable to that for counties is also presented for geographic regions and divisions, States, and standard metropolitan areas. Items included based largely on results of 1954 Censuses of Agriculture, Business, and Manufactures. Includes 51 maps, explanatory and definitive text, and source notes. Issued 1957. Price \$4.50 (Buckram).

*Historical Statistics of the United States, 1789-1945.* A supplement to the *Statistical Abstract*, prepared with the cooperation of the Social Science Research Council. A compilation of about 3,000 statistical time series, largely annual, extending back through time to the earliest year for which figures are available. Includes definitions of terms and descriptive text. Specific source notes provide a basic guide to original published sources for further reference and additional data. Detailed alphabetical subject index. 363 pages. Issued 1949. Fifth printing. Price \$3.25 (Buckram).

*Continuation to 1952 of Historical Statistics of the United States, 1789-1945.* Carries forward and presents revisions of the statistical time series contained in *Historical Statistics of the United States, 1789-1945*. Designed especially for use in conjunction with the *Historical Statistics* volume. 79 pages. Issued 1954. Price 55 cents.

Purchase orders should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

# CONTENTS

	Page
<i>Fig. I. Map of the United States, showing Census divisions and regions</i> -----	XII
<b>Sec. 1. POPULATION</b> -----	<b>1</b>
Population estimates—Geographic distribution—Urban and rural—Sex—Age—Race—Nativity—Citizenship—Mobility status—Fertility—Marital status—Households—Institutional population—Religious bodies.	
<i>Figs. II–V. Population: Age and sex; Urban and rural trends; Households; Center of population.</i>	
<b>Sec. 2. VITAL STATISTICS, HEALTH, AND NUTRITION</b> -----	<b>53</b>
Births—Reproduction rates—Life table values—Deaths—Marriage and divorce—Physicians, dentists, and graduate nurses—Medical care expenditures—Health insurance benefits—Hospitals—Mental patients under institutional care—Morbidity—Nutrition—Federal food programs.	
<i>Fig. VI. Vital statistics rates.</i>	
<b>Sec. 3. IMMIGRATION, EMIGRATION, AND NATURALIZATION</b> ----	<b>87</b>
Immigration quotas—Immigration—Emigration—Movement and characteristics of aliens—Displaced persons and refugees—Resident aliens reporting—Arrivals and departures—Foreign travel—Naturalization.	
<i>Figs. VII–VIII. Immigrants admitted; Refugees admitted.</i>	
<b>Sec. 4. EDUCATION</b> -----	<b>103</b>
School enrollment—Years of school completed—Illiteracy—Elementary and secondary schools—Institutions of higher education—Earned degrees conferred—Land grant institutions—Special schools—Public library systems—Vocational schools—Federal aid.	
<i>Fig. IX. Current expenditure per pupil.</i>	
<b>Sec. 5. LAW ENFORCEMENT, FEDERAL COURTS, AND PRISONS</b> ..	<b>137</b>
Major crimes—Crime rates—Arrests—Juvenile delinquency—Federal courts—Legal profession—Prisoners in State and Federal prisons—Federal prisoners released—Prisoners executed.	
<i>Figs. X–XI. Federal prisoners received from courts; Percentage of repeaters among Federal prisoners.</i>	
<b>Sec. 6. AREA, GEOGRAPHY, AND CLIMATE</b> -----	<b>156</b>
Land and water areas—Coastlines—Extreme points—Lakes—Rivers—Water flow—Altitudes—Water use and supply—Elevation of stations—Occurrence of freeze—Temperature—Precipitation—Snow, sleet, and hail—Sunshine—Wind velocity—Degree days—Relative humidity.	
<i>Fig. XII. Normal annual precipitation.</i>	
<b>Sec. 7. PUBLIC LANDS; PARKS; AND RECREATION</b> -----	<b>180</b>
Public domain—Ownership of lands—Federal real property—Public and Indian lands—National, State, and municipal parks—Visitors to parks and forests—Expenditures for recreation—Fishermen, hunters, and licenses—Selected recreational activities.	
<i>Fig. XIII. Acquisition of territory of continental United States.</i>	

	Page
<b>Sec. 8. LABOR FORCE, EMPLOYMENT, AND EARNINGS</b> .....	198
Labor force characteristics—Employment status—Labor force projections—Industry—Farm employment and wage rates—Occupation—Output per man-hour—Production workers, average hours and earnings—Union wage rates—Labor turnover—Industrial injuries—Union membership—Supplementary wage benefits—Work stoppages. <i>Fig. XIV. Trends in the labor force.</i>	
<b>Sec. 9. MILITARY SERVICES AND VETERANS AFFAIRS</b> .....	240
Expenditures for major national security functions—Military procurement—Civil defense—Military personnel—Coast Guard personnel—Pay rates—War casualties—Ships—Aircraft—Selective service—Veterans, expenditures for veterans, other veterans' benefits. <i>Fig. XV. Federal expenditures for major national security functions and veterans' services and benefits.</i>	
<b>Sec. 10. SOCIAL INSURANCE AND WELFARE SERVICES</b> .....	260
Public expenditures for social security and related programs—Social welfare expenditures—Federal grants—Population 65 years old and over—Old-age and survivors insurance—Private pension plans—Corporate pensions funds—Unemployment insurance—Placements by public employment offices—Railroad retirement and other benefits—Civil Service retirement—Workmen's compensation payments—Public assistance—Maternal and child welfare services—Boy Scouts and Girl Scouts—Adoptions—Vocational rehabilitation—Red Cross—Community Chest—Foundations. <i>Fig. XVI. Social welfare expenditures.</i>	
<b>Sec. 11. INCOME, EXPENDITURES, AND WEALTH</b> .....	299
The Nation's income, expenditure, and saving—Gross national product or expenditure—National income—Personal income and saving—Flow-of-funds accounts—Distribution of families and individuals by income levels—Family income and expenditures—Money income of persons—National wealth. <i>Figs. XVII–XVIII. Median income of men and women; Gross national product.</i>	
<b>Sec. 12. PRICES</b> .....	325
Wholesale price indexes—Purchasing power of the dollar—Consumer price indexes—Residential rents—Costs of medical service—Retail prices of food—Electric bills and gas bills—Unit values of commodities exported and imported. <i>Figs. XIX–XX. Wholesale price and consumer price indexes.</i>	
<b>Sec. 13. ELECTIONS</b> .....	343
Electoral and popular vote for President—Apportionment of U. S. Representatives—Vote for U. S. Senators and Representatives and Governors—Registered voters—Citizens of voting age—Congressional activity and party affiliations—State legislatures—Campaign expenditures for Federal elections—Lobbies. <i>Fig. XXI. Participation in national elections.</i>	
<b>Sec. 14. FEDERAL GOVERNMENT FINANCES AND EMPLOYMENT</b> ..	361
Receipts and expenditures—Appropriations—Research and development expenditures—Internal revenue collections—Individual and corporation income tax returns—Gift and estate tax returns—Public and private debt—Government securities—Savings bonds—Employment and payrolls. <i>Figs. XXII–XXIV. The Government of the United States, Receipts and expenditures of the Federal Government; Gross public debt.</i>	

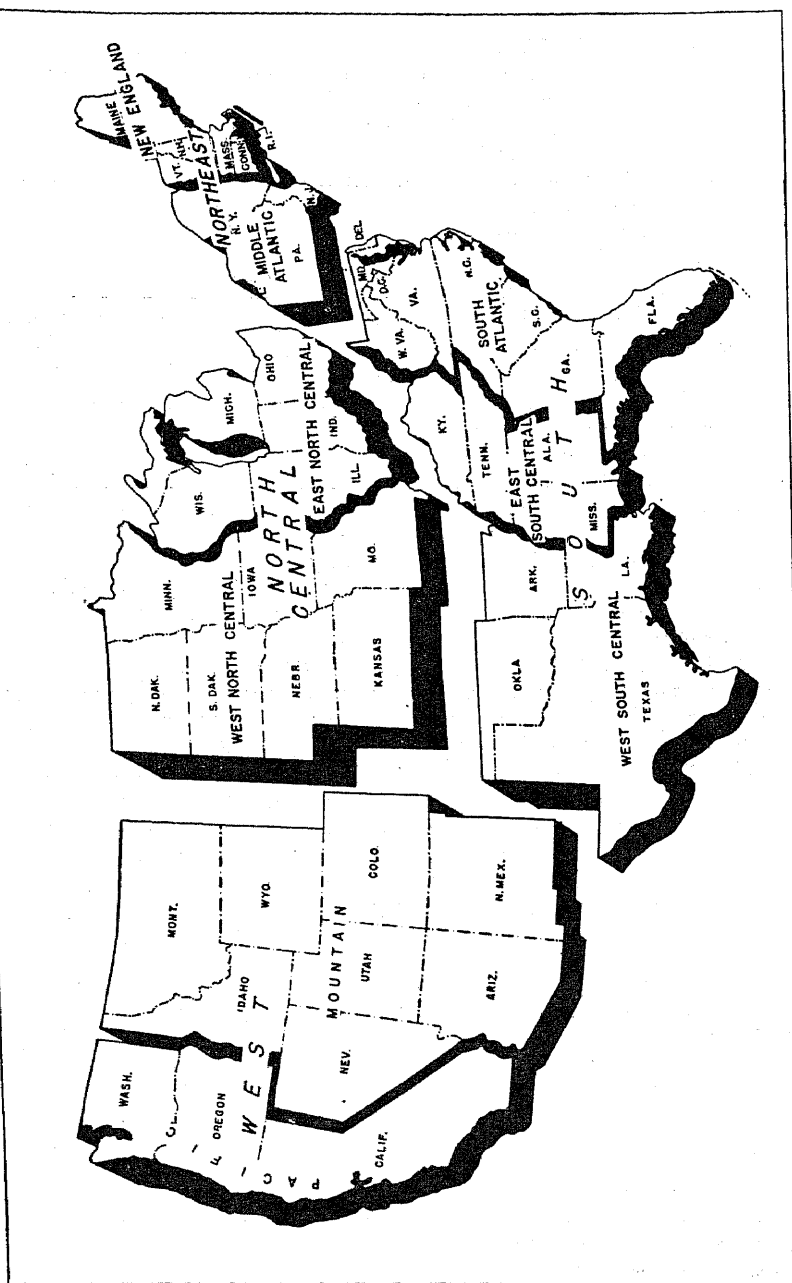
Sec. 15.	STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT-----	400
	Governmental units—Aid from Federal Government—Government revenue, expenditure, and debt—State and local government finances—State government finances—City government finances—Assessed property values—Employment and payrolls. <i>Fig. XXV. Federal, State, and local tax revenue.</i>	
Sec. 16.	BANKING AND FINANCE-----	432
	Monetary system—Money stock and circulation—Banks; principal assets and liabilities for all banks, Federal Reserve banks, mutual savings banks—Bank suspensions—Deposit insurance—Government corporations and credit agencies—Farm credit—Savings and loan associations—Savings—Credit unions—Consumer credit—Money rates—Stock exchanges—Securities markets—Stock ownership—Life, medical care, and fire insurance. <i>Figs. XXVI-XXVII. Commercial bank assets; Stock prices.</i>	
Sec. 17.	BUSINESS ENTERPRISE-----	484
	Business population and turnover—Firms under Social Security Act—Corporate assets and liabilities—Corporation income, profits, dividends, and taxes—Sources and uses of corporate funds—Business expenditures for new plant and equipment—Gross private domestic investment—Patents—Research and development expenditures—Business sales, inventories, and orders—Industrial and commercial failures—Mergers and acquisitions—Bankruptcies. <i>Fig. XXVIII. New plant and equipment expenditures.</i>	
Sec. 18.	COMMUNICATIONS-----	507
	Postal service—Telephone systems—Telegraph systems—Radio and television networks and broadcast stations—Households with television sets—Newspapers, periodicals, and books—Newsprint consumption—Registration of copyrights. <i>Figs. XXIX-XXX. Number and broadcast revenues of radio and TV stations.</i>	
Sec. 19.	POWER-----	527
	Supply and consumption of energy—Electric energy; requirements, capacity of generating plants, and production—Electric utility companies—Rural electrification—Gas utility and pipeline industries—Natural gas reserves—Water power—Atomic energy program.	
Sec. 20.	ROADS AND MOTOR VEHICLES-----	543
	Rural and municipal mileage—State and Federal highway systems—Public roads finances—Gasoline taxes and motor fuel consumption—Motor-vehicle sales, exports, and scrappage—State motor-vehicle registrations, revenues, and operators' licenses—Automobile ownership, financing, and insurance—Motor-vehicle travel, speed, and accident fatalities. <i>Figs. XXXI-XXXII. Motor-vehicle factory sales; Financing of passenger car purchases.</i>	
Sec. 21.	TRANSPORTATION, LAND AND AIR-----	561
	Intercity freight and passenger traffic—Railways: Mileage; equipment; revenues and expenditures; freight and passenger service; employees; accidents—Transit industry—Motor carriers of property and passengers—Civil aeronautics: Air carriers; aircraft; airports—Petroleum pipelines. <i>Fig. XXXIII. Intercity freight traffic.</i>	

	Page
<b>Sec. 22. WATERWAYS, WATER TRAFFIC, AND SHIPPING.....</b>	<b>581</b>
Waterborne commerce, foreign and domestic—Receipts and payments for international transportation—Great Lakes ports—Ocean ports—Rivers, canals, and connecting channels—Panama Canal traffic—Net tonnage of vessels entered and cleared in foreign trade—Merchant marine—Shipbuilding.	
<i>Fig. XXXIV. Percent of cargo tonnage carried on American flag vessels in the U. S. export and import trade.</i>	
<b>Sec. 23. IRRIGATION, DRAINAGE, AND SOIL CONSERVATION....</b>	<b>599</b>
Irrigation enterprises—Federal reclamation projects—Irrigation of agricultural lands—Drainage enterprises—Soil conservation.	
<b>Sec. 24. AGRICULTURE—GENERAL STATISTICS.....</b>	<b>609</b>
Farm population—Land utilization—Number, acreage, and economic class of farms—Color and tenure of farm operators—Farm mortgage status—Balance sheet of agriculture—Farm prices—Farm income and expenditures—Off-farm income—Commodity Credit Corporation activities—Farm-to-retail price spread—Family expenditures and level-of-living indicators—Farm facilities, electricity, etc.—Farm labor—Fertilizer consumption—Farmers' marketing associations.	
<i>Fig. XXXV. Prices received and paid by farmers.</i>	
<b>Sec. 25. AGRICULTURE—PRODUCTION AND RELATED SUBJECTS.....</b>	<b>643</b>
Indexes of farm marketings and home consumption, and output—Farm labor, land, and livestock productivity—Agricultural products exported and imported—Acreage, production, and value of all crops—Specific field crops—Vegetables and fruits—Fats and oils—Livestock, number and value—Stockyard receipts and shipments—Meats and lard—Dairying—Poultry—Cold-storage holdings.	
<b>Sec. 26. FORESTS AND FOREST PRODUCTS.....</b>	<b>687</b>
Commercial forest land—Volume, growth, cut, and mortality of growing stock and of live sawtimber—Forest fires—National forests—Forest tree distribution program—Lumber production—Pulpwood and paper—Newsprint—Woodpulp.	
<b>Sec. 27. FISHERIES.....</b>	<b>703</b>
Quantity and value of catch—Fishermen and fishing craft—Catch of principal species—Canned and frozen fishery products—Exports and imports of fishery products.	
<b>• Sec. 28. MINING AND MINERAL PRODUCTS.....</b>	<b>711</b>
Quantity and value of mineral production—Prices—Supply—Mineral industries summary—Imports and exports—Employment and injuries—Fuels: Coal, natural gas, petroleum—Stone and earth minerals—Metals.	
<i>Figs. XXXVI-XXXVII. Value of mineral production; Indexes of physical volume.</i>	
<b>Sec. 29. CONSTRUCTION AND HOUSING.....</b>	<b>743</b>
Value of private and public construction—Wholesale price indexes of building materials—Construction and building costs—Construction contracts—Public works expenditures—Construction and dwelling units in large cities—Dwelling units: Inventory, starts, costs, characteristics, facilities, and vacancies—Mortgages—Veterans Administration home loans—Public housing.	
<i>Figs. XXXVIII-XXXIX. Value of private and public construction in current dollars and in 1947-49 prices.</i>	



Sec. 30. MANUFACTURES.....	Page 770
Manufacturing summary—Production indexes—Major industry groups—Employment and output of large companies—Size of establishment—New plant and equipment expenditures—Inventories—Water use—Canned fruits and vegetables—Alcohol and spirits—Tobacco and smoking patterns—Textiles—Chemicals—Glass and clay products—Iron and steel products—Metal products and machinery—Home appliances—Farm machines. <i>Fig. XL. Industrial production indexes.</i>	
Sec. 31. DISTRIBUTION AND SERVICES.....	825
Retail trade: Establishments, sales, employees, kinds of business, inventories—Department stores—Wholesale trade: Establishments, sales, employees, kinds of business, stocks—Consumers' cooperatives—Selected services: Establishments, receipts, employees, kinds of business—Motion picture theaters—Hotels—Advertising. <i>Fig. XLI. Indexes of department store sales and stocks.</i>	
Sec. 32. FOREIGN COMMERCE AND AID.....	863
Balance of payments—International investments—Foreign grants and credits—Mutual Security Program—Foreign trade: Merchandise, gold, and silver; trade balances; trade by economic classes and commodity groups; trade by area and by country of destination and origin—Imports and duties by tariff schedules, economic classes, and countries. <i>Fig. XLII. U. S. Government foreign grants and credits.</i>	
Sec. 33. TERRITORIES, POSSESSIONS, AND OTHER AREAS UNDER THE JURISDICTION OF THE UNITED STATES.....	905
Population and characteristics—Births and deaths—Housing—Schools—Agriculture—Sugar production—Mineral production—Imports and exports—Manufactures—Retail and wholesale trade and selected services—Puerto Rico: Government receipts and expenditures, net income and gross product, employment, manufactures, retail and wholesale trade, and services.	
Sec. 34. COMPARATIVE INTERNATIONAL STATISTICS.....	923
Population and area—Vital statistics—Economic indexes—Industrial origin of gross domestic product—Agriculture—Energy—Manufacturing—Foreign trade—Mineral products—Foreign exchange holdings and rates—Transportation—Communications—Education and health—International Monetary Fund quotas, and International Bank subscriptions—United Nations member assessments—U. S. contributions to international organizations.	
APPENDIX I. Historical Appendix: Index to tables in which <i>Historical Statistics</i> series appear.....	950
APPENDIX II. Weights and measures.....	952
SOURCE AGENCIES AND TABLE NUMBERS.....	953
BIBLIOGRAPHY OF SOURCES OF STATISTICS.....	957
INDEX.....	997

FIG. I.—MAP OF THE UNITED STATES, SHOWING CENSUS REGIONS AND DIVISIONS



Source: Department of Commerce, Bureau of the Census.

## Section I

### Population

This section relates to the population of the United States, its distribution, and its characteristics. The principal source of these data is the Decennial Census of Population, a house-to-house enumeration made by the Bureau of the Census. In accordance with a Constitutional provision for a decennial canvass of the population, the first census enumeration was made in 1790. The primary reason for the Census of Population, as set forth in the Constitution, was to provide a basis for the apportionment of Members of the House of Representatives among the several States. From 1800 to 1900, the census was conducted by the Superintendent of the Census appointed for the duration of each decennial census. In 1902, the Bureau of the Census was established as a permanent agency of the Government charged with responsibility for the decennial census and for compiling statistics on other subjects as needed. Currently, this Bureau supplies intercensal data based on surveys and estimates in addition to making the comprehensive decennial census enumeration.

Related materials are presented in other sections of this volume. Thus, statistics of marriage and divorce are presented in section 2, Vital Statistics, Health, and Nutrition; statistics on family income are given in section 11, Income, Expenditures, and Wealth; and Census data on employment and occupations are given in section 8, Labor Force, Employment, and Earnings. Data on the population in institutions are given in this section, but additional data on persons in mental institutions are given in section 2 and on prisoners in section 5, Law Enforcement, Federal Courts, and Prisons. Tables on nativity and citizenship are included in this section, but related data are included in section 3, Immigration, Emigration, and Naturalization.

**Decennial censuses.**—In accordance with Census practice dating back to 1790, each person enumerated in the 1950 Census was counted as an inhabitant of his usual place of residence or usual place of abode, that is, the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile, although, in the vast majority of cases, the use of these different bases of classification would produce identical results.

Most of the data which are presented are based on complete counts. However, certain of the 1950 data are indicated as being obtained from representative samples of 20 percent or 3½ percent of the population. A few tables also include 1940 data obtained on a sample basis.

Exact agreement is not to be expected among the various samples, nor between them and the complete census count, but the sample data may be used with confidence where large numbers are involved, and may be assumed to indicate patterns and relationships where small numbers are involved. Detailed statements regarding the sampling errors are given in the original sources. In addition, experience has shown that in mass operations two tabulations of a set of punch cards are not likely to yield identical results. These differences are caused by occasional errors in the tabulation processes—machine failure, loss of punch cards, and other types.

**Current Population Survey.**—Several tables present statistics based on the Current Population Survey, conducted monthly by the Bureau of the Census. Until May 1956, the Survey covered a sample of approximately 21,000 interviewed house-

Note.—This section presents data for the most recent year or period available on February 7, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

holds spread over a sample of areas throughout the United States. Since then, the sample has been expanded to approximately 35,000 interviewed households in a larger number of areas. For a discussion of the reliability of estimates based on this sample, see Technical Note, page 201.

**Population estimates.**—Population estimates for dates after April 1950, which are not the result of sample surveys, are based on data from the 1950 Census; statistics of births and deaths provided by the National Office of Vital Statistics, Public Health Service; statistics of immigration and emigration reported by the Immigration and Naturalization Service, Department of Justice; and statistics on the Armed Forces provided by the Department of Defense. Estimates of State population are based on the same types of data and also make use of school statistics provided by State Departments of Education and parochial school systems throughout the country.

**Urban and rural areas.**—In the course of its history, the Bureau of the Census has employed several definitions of urban area.

According to the new urban-rural definition adopted for the 1950 Census, the urban population comprises all persons living in (1) places of 2,500 inhabitants or more incorporated as cities, boroughs, and villages, (2) incorporated towns of 2,500 inhabitants or more except in New England, New York, and Wisconsin, where "towns" are simply minor civil divisions of counties, (3) the densely settled urban fringe, including both incorporated and unincorporated areas, around cities of 50,000 or more, and (4) unincorporated places of 2,500 inhabitants or more outside any urban fringe. The remaining population is classified as rural.

According to the definition used in 1940, the urban population had been limited to all persons living in incorporated places of 2,500 inhabitants or more and in other areas classified as urban under special rules relating to population size and density. The remaining area of the country was classified as rural. The definition of urban area used in the 1940 Census was adopted substantially as stated above at the time of the 1910 Census.

In this edition, figures by urban and rural residence for all dates prior to the 1950 Census are in accordance with the old definition. Figures for 1950 and subsequent years are in accordance with the new definition unless otherwise stated.

**Farm and nonfarm residence.**—The rural population is divided into the rural-farm population, which comprises all rural residents living on farms, and the rural-nonfarm population, which comprises the remaining rural population. The definition of farm and nonfarm residents used in the 1950 Census differs somewhat from that used in earlier surveys and censuses. Persons on "farms" who were paying cash rent for their house and yard only were classified as nonfarm, as were persons in institutions, summer camps, motels, and tourist camps.

**Household.**—A "household," according to present usage of the Census Bureau, comprises all persons who occupy a dwelling 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 persons" (the head of the household and others in the dwelling unit who are related to the head) and also the lodgers and employees, if any, who regularly live in the house. The number of households, thus defined, is the same as the number of "private households" or "families" as used in 1940 Census reports, and approximately the same as the number of "occupied dwelling units" as used in the 1950 Census of Housing. See section 29, Construction and Housing, for definition of dwelling unit. A person living alone or a group of unrelated persons sharing the same dwelling unit as partners is counted as a household.

A quasi-household is a group of persons living in quarters not classified as a dwelling unit, for example, in a house with at least five lodgers, or in a hotel, institution, labor camp, or military barracks.

**Family.**—The term "family," as used here, refers to a group of two or more persons related by blood, marriage, or adoption and residing together, and differs from the

meaning of the term as used in the 1930 and 1940 Censuses. A primary family consists of the head of a household and all (one or more) other persons in the household related to the head. A secondary family comprises two or more persons such as guests, lodgers, or resident employees and their relatives, living in a household or quasi-household (other than the negligible number of such groups among inmates of institutions) and related to each other.

**Subfamily.**—A subfamily is a married couple with or without children, or one parent with one or more children under 18 years old, living in a household and related to, but not including, the head of the household or his wife. Members of a subfamily are also members of the primary family with which they live. The number of subfamilies, therefore, is not included in the number of families.

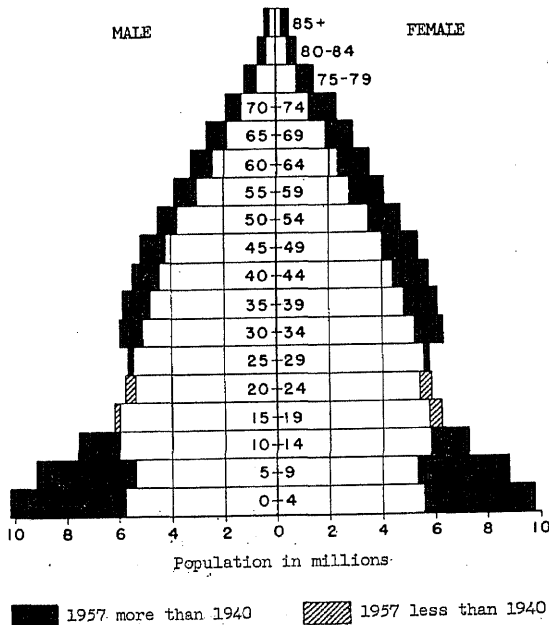
**Married couple.**—A married couple is defined as a husband and his wife living together, with or without children and other relatives.

**Unrelated individuals.**—The term "unrelated individuals" as used here refers to persons (other than inmates of institutions) who are not living with any relatives. A primary individual is a household head living alone or with persons all of whom are unrelated to him. A secondary individual is a person in a household or a quasi-household such as a guest, lodger, or resident employee (excluding inmates of institutions) who is not related to the head or to any other person in the household or quasi-household.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series B 26-30") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

Fig. II.—POPULATION BY AGE AND SEX: 1940 AND 1957

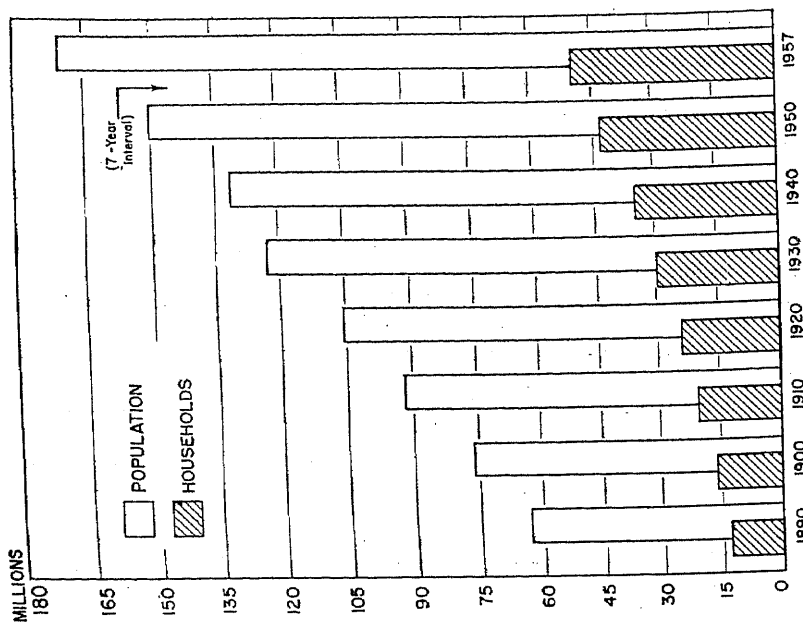
[See tables 21 and 24]



Source: Department of Commerce, Bureau of the Census.

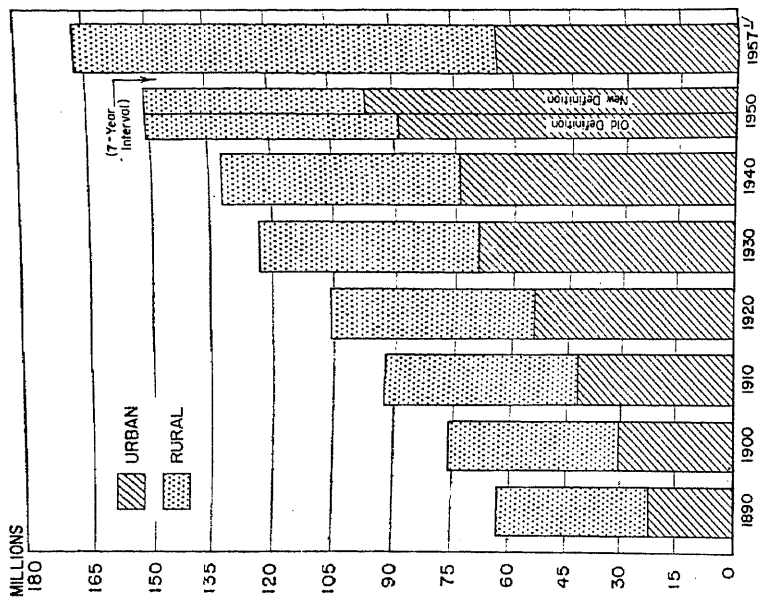
## POPULATION

FIG. IV.—POPULATION AND HOUSEHOLDS: 1890 TO 1957  
[See tables 1 and 46]



Source of figs. III and IV: Department of Commerce, Bureau of the Census.

FIG. III.—POPULATION, URBAN AND RURAL: 1890 TO 1957  
[See tables 15 and 22. For description of old and new definitions, see p. 2]



1 Civilian population only.

## POPULATION

5

## No. 1.—AREA AND POPULATION: 1790 TO 1950

[For additional area data, see tables 4 and 198. See also *Historical Statistics, 1789-1945*, series B 26-30]

CENSUS DATE	AREA (square miles) <sup>1</sup>			POPULATION			
	Gross	Land	Water	Number	Per square mile of land area	Increase over preceding census	
						Number	Percent
1790 (Aug. 2).....	888, 811	864, 746	24, 065	3, 929, 214	4.5	-----	-----
1800 (Aug. 4).....	888, 811	864, 746	24, 065	5, 308, 483	6.1	1, 379, 269	35.1
1810 (Aug. 6).....	1, 716, 003	1, 681, 828	34, 175	7, 239, 881	4.3	1, 931, 398	36.4
1820 (Aug. 7).....	1, 788, 006	1, 749, 462	38, 544	9, 638, 453	5.6	2, 398, 572	33.1
1830 (June 1).....	1, 788, 006	1, 749, 462	38, 544	12, 866, 020	7.4	3, 227, 567	33.5
1840 (June 1).....	1, 788, 006	1, 749, 462	38, 544	17, 069, 453	9.8	4, 203, 433	32.7
1850 (June 1).....	2, 992, 747	2, 940, 042	52, 705	23, 191, 876	7.9	6, 122, 423	35.9
1860 (June 1).....	3, 022, 387	2, 969, 640	52, 747	31, 443, 321	10.6	8, 251, 445	35.6
1870 (June 1).....	3, 022, 387	2, 969, 640	52, 747	39, 818, 449	13.4	8, 375, 128	26.6
1880 (June 1).....	3, 022, 387	2, 969, 640	52, 747	50, 155, 783	16.9	10, 337, 334	26.0
1890 (June 1).....	3, 022, 387	2, 969, 640	52, 747	62, 947, 714	21.2	12, 791, 931	25.5
1900 (June 1).....	3, 022, 387	2, 969, 834	52, 553	75, 994, 575	25.6	13, 046, 611	20.7
1910 (Apr. 15).....	3, 022, 387	2, 969, 565	52, 822	91, 972, 266	31.0	15, 977, 691	21.0
1920 (Jan. 1).....	3, 022, 387	2, 969, 451	52, 936	105, 710, 620	35.6	13, 738, 354	14.9
1930 (Apr. 1).....	3, 022, 387	2, 977, 128	45, 259	122, 775, 046	41.2	17, 064, 426	16.1
1940 (Apr. 1).....	3, 022, 387	2, 977, 128	45, 259	131, 669, 275	44.2	8, 894, 229	7.2
1950 (Apr. 1).....	3, 022, 387	2, 974, 726	47, 661	150, 697, 361	50.7	19, 028, 086	14.5

<sup>1</sup> Area figures for each census year represent all continental area under jurisdiction of United States 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.

<sup>2</sup> Revised to include adjustments for under enumeration in Southern States; unrevised number is 38,558,371.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth, Fifteenth, Sixteenth, and Seventeenth Censuses, *Population*, Vol. I; and other reports and records. See also *Sixteenth Census Reports, Areas of the United States, 1940*.

## No. 2.—ESTIMATED POPULATION: 1900 TO 1958

[In thousands. As of July 1, except where noted. Estimates for 1900 to 1909 are sums of State estimates based on local data indicative of population change. Estimates for 1910 to 1958 are based on decennial censuses and statistics of births, deaths, immigration, emigration, and Armed Forces. See also *Historical Statistics, 1789-1945*, series C 1]

YEAR	Total population residing in United States	YEAR	Total population residing in United States	YEAR	Total population including Armed Forces overseas	Total population residing in United States	Civilian population	YEAR AND MONTH	Total population including Armed Forces overseas	Total population residing in United States	Civilian population
1900...	76, 094	1915...	100, 549	1930...	123, 188	123, 077	122, 923	1946....	141, 389	140, 054	138, 385
1901...	77, 585	1916...	101, 966	1931...	124, 149	124, 040	123, 886	1947....	144, 126	143, 446	142, 566
1902...	79, 160	1917 <sup>1</sup> ...	103, 266	1932...	124, 949	124, 840	124, 604	1948....	146, 631	146, 093	145, 168
1903...	80, 632	1918 <sup>1</sup> ...	103, 203	1933...	125, 690	125, 579	125, 436	1949....	149, 188	148, 665	147, 578
1904...	82, 165	1919 <sup>1</sup> ...	104, 512	1934...	126, 485	126, 374	126, 228	1950....	151, 683	151, 234	150, 202
1905...	83, 820	1920...	106, 466	1935...	127, 362	127, 250	127, 099	1951....	154, 360	153, 384	151, 082
1906...	85, 437	1921...	108, 541	1936...	128, 181	128, 053	127, 879	1952....	157, 028	155, 761	153, 366
1907...	87, 000	1922...	110, 055	1937...	128, 961	128, 825	128, 639	1953....	159, 636	158, 313	156, 046
1908...	88, 709	1923...	111, 950	1938...	129, 969	129, 825	129, 635	1954....	162, 417	161, 191	159, 086
1909...	90, 492	1924...	114, 113	1939...	131, 028	130, 880	130, 683	1955....	165, 270	164, 303	162, 307
1910...	92, 407	1925...	115, 832	1940...	132, 122	131, 954	131, 655	1956....	168, 174	167, 259	165, 339
1911...	93, 868	1926...	117, 399	1941...	133, 402	133, 121	131, 595	1957....	171, 229	170, 333	168, 406
1912...	95, 331	1927...	119, 038	1942...	134, 860	133, 920	130, 942	1958: <sup>2</sup>			
1913...	97, 227	1928...	120, 501	1943...	136, 739	134, 245	127, 499	Jan. 1.	172, 790	171, 971	170, 143
1914...	99, 118	1929...	121, 770	1944...	138, 397	132, 885	126, 708	Feb. 1.	173, 011	172, 190	170, 367
				1945...	139, 928	132, 481	127, 573	Mar. 1.	173, 210	172, 386	170, 562

<sup>1</sup> Total population (in thousands) including Armed Forces overseas, 1917, 103,414; 1918, 104,550; 1919, 105,063. Civilian population (in thousands), 1917, 102,796; 1918, 101,488; 1919, 104,158.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25 and reports and records on population estimates.

# No. 3.—PROJECTIONS OF THE TOTAL POPULATION, BY AGE AND SEX: 1955 TO 1980

[In thousands. As of July 1. Includes Armed Forces overseas. Series I, II, III, and IV imply the following assumptions as to fertility: I—fertility averages 10 percent above present (1955-57 level throughout projection period); II—1955-57 level continues to 1975-80; III—1955-57 level declines to 1949-51 level by 1965-70, then remains at that level to 1975-80; IV—1955-57 level declines to 1942-44 level by 1965-70, then remains at that level to 1975-80. Series I illustrates the size of the future population under very high fertility conditions; it is unlikely that the fertility level implied will persist throughout the projection period. Comparable figures for 1957 are given in table 21]

YEAR AND SEX	TOTAL	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 and over	Under 5 years (adjusted) <sup>1</sup>	14 and over	18 and over
<b>TOTAL</b>														
1955	165,270	18,305	17,151	13,342	11,191	10,775	24,152	22,825	18,911	14,548	14,069	19,108	118,885	109,623
1960:														
I	181,154	21,019	19,991	17,217	13,406	11,311	22,824	23,983	20,846	15,610	15,779	21,821	128,628	118,324
II	180,126	19,688	19,159	17,217	13,406	11,311	22,824	23,983	20,846	15,610	15,779	21,821	128,628	118,324
III	179,773	19,688	19,159	17,217	13,406	11,311	22,824	23,983	20,846	15,610	15,779	21,821	128,628	118,324
IV	179,420	19,235	18,861	16,837	13,022	11,001	22,527	24,288	22,130	17,099	17,638	20,292	138,177	123,795
1965:														
I	198,950	24,422	21,861	19,216	17,267	13,502	22,527	24,288	22,130	17,099	17,638	24,224	150,691	134,816
II	195,740	21,343	20,436	19,216	17,267	13,502	22,527	24,288	22,130	17,099	17,638	24,224	150,691	134,816
III	193,643	19,430	20,436	19,216	17,267	13,502	22,527	24,288	22,130	17,099	17,638	24,224	150,691	134,816
IV	191,517	17,716	20,134	19,216	17,267	13,502	22,527	24,288	22,130	17,099	17,638	24,224	150,691	134,816
1970:														
I	219,474	26,952	24,259	21,915	19,262	17,343	25,222	22,990	23,306	18,986	19,549	27,464	165,641	147,290
II	213,810	24,190	22,059	20,893	19,262	17,343	25,222	22,990	23,306	18,986	19,549	27,464	165,641	147,290
III	208,199	20,975	20,343	20,543	19,262	17,343	25,222	22,990	23,306	18,986	19,549	27,464	165,641	147,290
IV	202,541	17,136	18,376	20,191	19,262	17,343	25,222	22,990	23,306	18,986	19,549	27,464	165,641	147,290
1975:														
I	243,880	31,098	27,492	24,310	21,955	19,331	31,213	22,727	23,648	20,234	21,872	31,900	185,641	169,219
II	235,246	28,111	27,028	24,145	20,936	19,331	31,213	22,727	23,648	20,234	21,872	31,900	185,641	169,219
III	225,552	24,010	21,528	20,402	20,387	19,331	31,213	22,727	23,648	20,234	21,872	31,900	185,641	169,219
IV	215,790	19,890	18,001	18,638	20,236	19,331	31,213	22,727	23,648	20,234	21,872	31,900	185,641	169,219
1980:														
I	272,557	35,961	31,917	27,538	24,244	22,014	36,965	25,400	22,446	21,416	24,526	36,763	182,355	169,219
II	259,981	31,991	28,844	25,060	22,186	21,001	36,965	25,400	22,446	21,416	24,526	36,763	182,355	169,219
III	245,409	27,085	24,854	23,368	20,448	20,683	36,965	25,400	22,446	21,416	24,526	36,763	182,355	169,219
IV	230,834	22,242	20,749	18,066	18,050	20,304	36,965	25,400	22,446	21,416	24,526	36,763	182,355	169,219
<b>MALE</b>														
1955	82,016	9,324	8,765	6,787	5,684	5,404	11,886	11,191	9,342	7,105	6,528	9,761	58,355	53,657
1960:														
I	89,637	10,709	9,782	8,795	6,804	5,703	11,309	11,731	10,180	7,505	7,119	11,145	61,765	56,065
II	89,112	10,184	9,782	8,795	6,804	5,703	11,309	11,731	10,180	7,505	7,119	11,145	61,765	56,065
III	88,932	10,094	9,782	8,795	6,804	5,703	11,309	11,731	10,180	7,505	7,119	11,145	61,765	56,065
IV	88,751	9,823	9,782	8,795	6,804	5,703	11,309	11,731	10,180	7,505	7,119	11,145	61,765	56,065
1965:														
I	98,274	11,942	11,160	9,806	8,803	6,803	11,229	11,913	10,726	8,144	7,743	12,378	67,239	59,825
II	96,637	10,828	10,627	9,806	8,803	6,803	11,229	11,913	10,726	8,144	7,743	12,378	67,239	59,825
III	95,562	9,932	10,458	9,806	8,803	6,803	11,229	11,913	10,726	8,144	7,743	12,378	67,239	59,825
IV	94,476	9,028	10,278	9,806	8,803	6,803	11,229	11,913	10,726	8,144	7,743	12,378	67,239	59,825





# NO. 4.—POPULATION AND AREA OF THE UNITED STATES, TERRITORIES, POSSESSIONS, AND OTHER AREAS: 1930 TO 1950

[Areas within each group are listed in rank order of population in 1950. See also *Historical Statistics, 1789-1945*, series B 1-12 and B 25]

AREA	POPULATION			Gross area (land and water), 1950
	1930	1940	1950	
United States (aggregate).....	138,439,069	150,622,754	154,233,234	Sq. mi. 3,628,130
Continental U. S. ....	122,775,046	131,669,275	150,697,361	3,022,387
Territories.....	427,578	495,294	628,437	592,323
Hawaii.....	268,800	422,770	499,794	6,423
Alaska.....	59,278	72,524	128,643	586,400
Possessions:				
Guam.....	18,509	22,290	59,498	206
Virgin Islands of the U. S. ....	22,012	24,889	26,665	133
American Samoa.....	10,055	12,908	18,937	76
Midway Islands.....	36	437	416	2
Wake Island.....	( <sup>1</sup> )	44	349	3
Canton Island and Enderbury Island.....	( <sup>2</sup> )	769	272	27
Johnston Island and Sand Island.....	( <sup>3</sup> )	( <sup>4</sup> )	46	( <sup>5</sup> )
Swan Islands.....	( <sup>6</sup> )	( <sup>7</sup> )	36	1
Other <sup>10</sup> .....	( <sup>11</sup> )	1210	( <sup>12</sup> )	18.5
Puerto Rico.....	1,543,913	1,869,255	2,210,703	3,435
Canal Zone <sup>14</sup> .....	39,467	51,827	52,822	553
Corn Islands <sup>15</sup> .....	( <sup>16</sup> )	151,523	151,304	4
Trust Territory of the Pacific Islands <sup>17</sup> .....	( <sup>18</sup> )	( <sup>19</sup> )	154,843	208,475
Population abroad <sup>21</sup> .....	89,453	118,933	224,815	545
Members of the Armed Forces.....	89,453	118,933	301,595	-----
Civilian citizens employed by the United States Govern- ment.....	89,453	118,933	26,910	-----
Families of Armed Forces personnel or of civilian citizen employees.....	( <sup>23</sup> )	( <sup>23</sup> )	107,350	-----
Crews of merchant vessels.....	( <sup>23</sup> )	( <sup>23</sup> )	45,690	-----

<sup>1</sup> Includes estimated population of the Philippine Islands (1940: 16,356,000; 1930: 13,513,000), not shown separately. Ceded by Spain in 1898, the Philippine Islands 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.

<sup>2</sup> Excludes inhabitants (36) of Midway Islands which were enumerated with Hawaii in 1930.

<sup>3</sup> Excludes inhabitants (560) of Baker, Canton and Enderbury, Howland, Jarvis, Johnston and Sand, and Midway Islands which were enumerated with Hawaii in 1940.

<sup>4</sup> Census taken as of Oct. 1 of preceding year.

<sup>5</sup> Not enumerated.

<sup>6</sup> Enderbury Island uninhabited at time of enumeration.

<sup>7</sup> Sand Island uninhabited at time of enumeration.

<sup>8</sup> Less than 0.5 square mile.

<sup>9</sup> Little Swan Island uninhabited at time of enumeration.

<sup>10</sup> Includes Caroline, Christmas, Danger (Pukapuka), Flint, Funafuti, Kingman Reef, Malden, Manahiki, Navassa, Nukufetau, Nukulailai, Nurakita, Penrhyn, Quita Sueno Bank, Rakahanga, Roncador Cay, Serrana Bank, Starbuck, Vostok, Phoenix Group (except Canton and Enderbury), and Union (Tokelau) Group, not enumerated in decennial censuses; and Baker, Howland, and Jarvis Islands.

<sup>11</sup> Not enumerated or uninhabited at time of enumeration.

<sup>12</sup> Population of Baker, Howland, and Jarvis Islands. Other islands not enumerated or uninhabited at time of enumeration.

<sup>13</sup> Area figure is for Navassa (area, 2 square miles), and Baker, Howland, and Jarvis (combined area 3 square miles); excludes Kingman Reef, Quita Sueno Bank, Roncador Cay, and Serrana Bank (each less than 0.5 square mile). Area of other islands (listed in footnote 10) not available.

<sup>14</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>15</sup> Leased (1914) from the Republic of Nicaragua for 99 years.

<sup>16</sup> Figures are those of the 1950 and 1940 Censuses of the Republic of Nicaragua, May 1950 and 1940. Little Corn Island uninhabited at time of both enumerations.

<sup>17</sup> Under trusteeship with the United States as administering authority. See *Trusteeship Agreement for the Former Japanese Mandated Islands (Documentary Supplement No. 1)* of the Security Council of the United Nations which became effective on July 18, 1947.

<sup>18</sup> Population 1930, 69,626; 1940, 131,258 (Censuses of Japan).

<sup>19</sup> U. S. Department of the Navy. *Report on the Administration of the Trust Territory of the Pacific Islands for the Period July 1, 1949 to June 30, 1950*. Washington, D. C., U. S. Government Printing Office, 1950.

<sup>20</sup> U. S. Department of the Navy. *Handbook on the Trust Territory of the Pacific Islands*. Washington, D. C., U. S. Government Printing Office, 1948.

<sup>21</sup> Excludes United States citizens abroad on private business, travel, etc. Many of these were enumerated in the United States at their usual place of residence as absent members of households.

<sup>22</sup> Based on 20-percent sample of reports received and consequently subject to sampling variability. Chances are about 2 out of 3 that the figure that would have been obtained from a complete count would have differed by less than 1,200 from figure shown here.

<sup>23</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I, and records.

No. 5.—CENTER OF POPULATION: 1790 TO 1950

["Center of population" is that point which may be considered as center of population gravity of the U. S. or that point upon which the U. S. would balance, if it were a rigid plane without weight and the population distributed thereon with each individual being assumed to have equal weight and to exert an influence on a central point proportional to his distance from the point.]

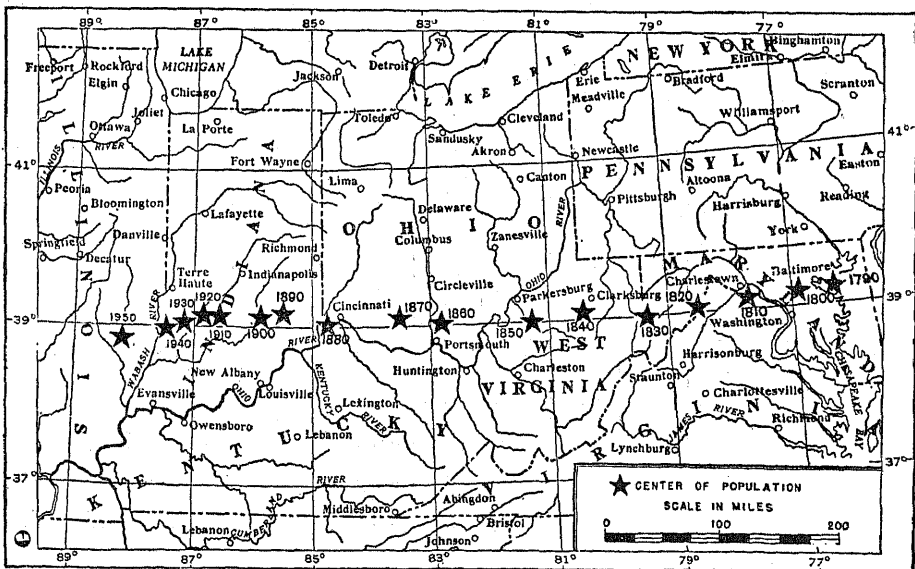
YEAR	North latitude	West longitude	Approximate location
1790.....	39 16 30	76 11 12	23 miles east of Baltimore, Md.
1800.....	39 16 6	76 56 30	18 miles west of Baltimore, Md.
1810.....	39 11 30	77 37 12	40 miles northwest by west of Washington, D. C. (in Virginia).
1820.....	39 5 42	78 33 0	16 miles east of Moorefield, W. Va. <sup>1</sup>
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W. Va. <sup>1</sup>
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W. Va. <sup>1</sup>
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W. Va. <sup>1</sup>
1860.....	39 0 24	82 48 48	20 miles south by east of Chillicothe, Ohio.
1870.....	39 12 0	83 35 42	48 miles east by north of Cincinnati, Ohio.
1880.....	39 4 8	84 29 40	8 miles west by south of Cincinnati, Ohio (in Kentucky).
1890.....	39 11 56	85 32 53	20 miles east of Columbus, Ind.
1900.....	39 0 36	85 48 54	6 miles southeast of Columbus, Ind.
1910.....	39 10 12	86 32 20	In the city of Bloomington, Ind.
1920.....	39 10 21	86 43 15	8 miles south-southeast of Spencer, Owen County, Ind.
1930.....	39 3 45	87 8 6	3 miles northeast of Linton, Greene County, Ind.
1940.....	38 56 54	87 22 35	2 miles southeast by east of Carlisle, Haddon township, Sullivan County, Ind.
1950.....	38 50 21	88 9 33	8 miles north-northwest of Olney, Richland County, Ill.

<sup>1</sup> West Virginia was set off from Virginia Dec. 31, 1862, and admitted as a State June 19, 1863.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

FIG. V.—CENTER OF POPULATION: 1790 TO 1950

[See table 5]



Source: Department of Commerce, Bureau of the Census.

## No. 6.—ESTIMATED POPULATION, BY STATES AND OTHER AREAS: 1945 TO 1957

[In thousands. As of July 1. Based on data from 1940 and 1950 Federal censuses, State censuses, school statistics, vital statistics, registrations for war ration books, immigration statistics, and data on Armed Forces. For enumerated population, 1790 to 1950, see table 9.]

STATE OR OTHER AREA	1945	1949	1950	1951	1952	1953	1954	1955	1956	1957 <sup>1</sup>
<b>Continental U. S.</b>	<b>132,481</b>	<b>148,665</b>	<b>151,234</b>	<b>153,384</b>	<b>155,761</b>	<b>158,313</b>	<b>161,191</b>	<b>164,303</b>	<b>167,259</b>	<b>170,333</b>
<b>New England</b>	<b>8,321</b>	<b>9,379</b>	<b>9,312</b>	<b>9,208</b>	<b>9,269</b>	<b>9,522</b>	<b>9,697</b>	<b>9,686</b>	<b>9,745</b>	<b>9,870</b>
Maine	800	903	910	911	906	903	915	920	930	943
New Hampshire	459	533	531	529	534	547	552	553	564	572
Vermont	315	369	376	376	371	374	370	366	371	376
Massachusetts	4,201	4,741	4,690	4,611	4,622	4,768	4,854	4,820	4,813	4,866
Rhode Island	776	801	777	775	796	814	818	827	846	862
Connecticut	1,709	2,032	2,028	2,006	2,040	2,116	2,189	2,209	2,221	2,262
<b>Middle Atlantic</b>	<b>25,746</b>	<b>30,172</b>	<b>30,376</b>	<b>30,556</b>	<b>30,928</b>	<b>31,293</b>	<b>31,820</b>	<b>32,078</b>	<b>32,279</b>	<b>32,557</b>
New York	12,495	14,892	14,996	15,170	15,311	15,526	15,741	15,841	15,826	15,888
New Jersey	4,108	4,889	4,857	4,977	5,054	5,142	5,246	5,359	5,513	5,627
Pennsylvania	9,143	10,390	10,522	10,409	10,563	10,624	10,847	10,878	10,940	11,043
<b>East North Central</b>	<b>26,381</b>	<b>30,325</b>	<b>30,568</b>	<b>30,759</b>	<b>31,293</b>	<b>32,101</b>	<b>33,089</b>	<b>33,694</b>	<b>34,358</b>	<b>35,035</b>
Ohio	6,916	7,973	7,992	7,953	8,120	8,541	8,929	8,981	9,071	9,200
Indiana	3,427	3,958	3,950	4,037	4,129	4,189	4,244	4,335	4,436	4,533
Illinois	7,601	8,670	8,755	8,755	8,904	9,035	9,159	9,316	9,482	9,637
Michigan	5,475	6,332	6,421	6,510	6,604	6,860	7,126	7,355	7,580	7,803
Wisconsin	2,961	3,391	3,450	3,444	3,477	3,525	3,631	3,704	3,788	3,862
<b>West North Central</b>	<b>12,427</b>	<b>13,851</b>	<b>14,074</b>	<b>14,209</b>	<b>14,234</b>	<b>14,374</b>	<b>14,577</b>	<b>14,869</b>	<b>15,075</b>	<b>15,308</b>
Minnesota	2,537	2,935	2,995	3,014	3,037	3,063	3,126	3,187	3,260	3,321
Iowa	2,308	2,578	2,622	2,626	2,639	2,652	2,654	2,712	2,754	2,799
Missouri	3,516	3,882	3,943	4,030	3,999	4,067	4,121	4,190	4,197	4,255
North Dakota	546	597	615	610	616	624	631	639	642	644
South Dakota	579	631	652	659	657	658	660	680	693	702
Nebraska	1,211	1,302	1,325	1,320	1,315	1,320	1,354	1,390	1,426	1,452
Kansas	1,731	1,925	1,923	1,951	1,971	1,981	2,023	2,090	2,123	2,136
<b>South Atlantic</b>	<b>19,210</b>	<b>20,607</b>	<b>21,221</b>	<b>21,848</b>	<b>22,217</b>	<b>22,521</b>	<b>22,830</b>	<b>23,473</b>	<b>24,072</b>	<b>24,682</b>
Delaware	286	316	321	332	342	355	374	396	418	438
Maryland	2,096	2,329	2,370	2,436	2,488	2,537	2,622	2,775	2,835	2,895
District of Columbia	876	807	810	820	822	847	846	859	851	831
Virginia	3,193	3,292	3,253	3,397	3,477	3,517	3,485	3,570	3,704	3,797
West Virginia	1,708	1,930	2,008	2,008	1,987	1,979	1,972	1,965	1,964	1,976
North Carolina	3,533	3,911	4,057	4,141	4,140	4,174	4,200	4,327	4,406	4,498
South Carolina	1,934	2,029	2,121	2,189	2,220	2,242	2,255	2,297	2,329	2,370
Georgia	3,119	3,325	3,447	3,534	3,589	3,587	3,611	3,646	3,709	3,779
Florida	2,465	2,668	2,836	2,992	3,152	3,303	3,464	3,657	3,885	4,098
<b>East South Central</b>	<b>10,339</b>	<b>11,169</b>	<b>11,486</b>	<b>11,587</b>	<b>11,544</b>	<b>11,471</b>	<b>11,454</b>	<b>11,579</b>	<b>11,693</b>	<b>11,839</b>
Kentucky	2,597	2,849	2,960	2,972	2,951	2,955	2,970	2,991	2,998	3,040
Tennessee	2,873	3,236	3,303	3,354	3,338	3,305	3,345	3,399	3,420	3,403
Alabama	2,775	3,000	3,057	3,064	3,075	3,072	3,042	3,085	3,121	3,151
Mississippi	2,090	2,085	2,167	2,196	2,180	2,138	2,008	2,104	2,154	2,185
<b>West South Central</b>	<b>13,045</b>	<b>14,205</b>	<b>14,536</b>	<b>14,986</b>	<b>15,191</b>	<b>15,224</b>	<b>15,284</b>	<b>15,658</b>	<b>15,960</b>	<b>16,251</b>
Arkansas	1,762	1,844	1,903	1,911	1,846	1,803	1,771	1,771	1,761	1,768
Louisiana	2,429	2,634	2,698	2,769	2,831	2,871	2,884	2,927	3,010	3,068
Oklahoma	2,028	2,105	2,187	2,185	2,178	2,141	2,160	2,191	2,245	2,277
Texas	8,826	7,623	7,747	8,130	8,336	8,410	8,469	8,770	8,944	9,138
<b>Mountain</b>	<b>4,212</b>	<b>4,896</b>	<b>5,116</b>	<b>5,174</b>	<b>5,330</b>	<b>5,537</b>	<b>5,706</b>	<b>5,974</b>	<b>6,199</b>	<b>6,378</b>
Montana	477	569	597	594	599	611	618	628	653	666
Idaho	507	570	592	587	582	590	593	609	625	640
Wyoming	239	277	292	292	294	292	296	311	316	316
Colorado	1,116	1,295	1,336	1,320	1,367	1,438	1,501	1,560	1,628	1,673
New Mexico	537	644	686	717	736	758	768	792	811	830
Arizona	594	714	756	787	841	901	950	1,031	1,086	1,136
Utah	591	671	695	709	730	740	763	799	825	851
Nevada	140	157	162	169	182	198	218	245	266	267
<b>Pacific</b>	<b>12,800</b>	<b>14,062</b>	<b>14,545</b>	<b>15,056</b>	<b>15,755</b>	<b>16,270</b>	<b>16,734</b>	<b>17,281</b>	<b>17,879</b>	<b>18,412</b>
Washington	2,206	2,294	2,385	2,427	2,452	2,477	2,527	2,618	2,675	2,722
Oregon	1,250	1,431	1,531	1,563	1,594	1,624	1,655	1,694	1,733	1,769
California	9,344	10,337	10,629	11,066	11,709	12,169	12,551	12,970	13,471	13,922
Alaska	139	130	137	161	191	205	208	209	206	( <sup>2</sup> )
Hawaii	815	511	451	514	522	523	522	560	584	( <sup>2</sup> )
Puerto Rico	2,099	2,197	2,207	2,234	2,227	2,213	2,229	2,263	2,267	( <sup>2</sup> )

<sup>1</sup> Provisional data.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 165.

## No. 7.—ESTIMATES OF COMPONENTS OF CHANGE IN POPULATION: 1940 TO 1957

[In thousands. As of January 1. Figures relate to the total population of the United States including Armed Forces overseas]

YEAR	Net increase <sup>1</sup>	NATURAL INCREASE			Net civilian immigration	YEAR	Net increase <sup>1</sup>	NATURAL INCREASE			Net civilian immigration
		Total	Births <sup>2</sup>	Deaths <sup>3</sup>				Total	Births <sup>2</sup>	Deaths <sup>3</sup>	
1940.....	1,210	1,131	2,559	1,428	73	1950.....	2,520	2,163	3,027	1,464	350
1941.....	1,367	1,295	2,703	1,408	63	1951.....	2,718	2,329	3,826	1,497	379
1942.....	1,704	1,587	2,989	1,402	96	1952.....	2,644	2,404	3,912	1,508	240
1943.....	1,791	1,606	3,104	1,498	169	1953.....	2,681	2,438	3,965	1,527	239
1944.....	1,581	1,362	2,939	1,577	208	1954.....	2,841	2,593	4,078	1,485	249
1945.....	1,452	1,313	2,858	1,545	169	1955.....	2,849	2,559	4,091	1,532	295
1946.....	2,145	2,007	3,411	1,404	171	1956.....	2,935	2,652	4,220	1,568	344
1947.....	2,638	2,366	3,817	1,461	275	1957 <sup>4</sup> .....	2,990	2,664	4,302	1,638	328
1948.....	2,530	2,188	3,637	1,449	329	1940-49 avg..	1,897	1,706	3,167	1,461	190
1949.....	2,551	2,201	3,649	1,448	354	1950-57 avg..	2,780	2,476	4,003	1,527	303

<sup>1</sup> Includes changes due to admissions into, and discharges from, Armed Forces overseas, for which figures are not shown separately.<sup>2</sup> Adjusted for underregistration.<sup>3</sup> Adjusted for underregistration of infant deaths; includes estimates of deaths in Armed Forces overseas.<sup>4</sup> Provisional estimates.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 153 and 173.No. 8.—ESTIMATES OF COMPONENTS OF CHANGE IN POPULATION, BY STATES:  
CUMULATIVE, 1950 TO 1956

[In thousands. Covers period April 1, 1950, to July 1, 1956. Excludes Armed Forces overseas. Based on school statistics, vital statistics, and data on Armed Forces. For explanation of methodology, see source. Minus sign (—) denotes decrease]

STATE	NET INCREASE		Births	Deaths	Net total migration <sup>2</sup>	STATE	NET INCREASE		Births	Deaths	Net total migration <sup>2</sup>
	Number	Per-cent <sup>1</sup>					Number	Per-cent <sup>1</sup>			
U. S.....	16,561	11.0	24,622	9,383	1,323	S. A.—Con.					
N. E.....	430	4.6	1,333	636	-267	Va.....	385	11.6	577	187	-4
Maine.....	17	1.8	138	63	-58	W. Va.....	-42	-2.1	306	106	-242
N. H.....	31	5.7	75	39	-5	N. C.....	344	8.5	723	200	-179
Vt.....	-7	-1.9	58	26	-39	S. C.....	212	10.0	426	114	-100
Mass.....	122	2.6	657	328	-207	Ga.....	265	7.7	637	194	-178
R. I.....	54	6.8	108	52	-2	Fla.....	1,114	40.2	503	192	802
Conn.....	214	10.6	297	128	45	E. S. C.....	215	1.9	1,952	651	-1,085
M. A.....	2,116	7.0	4,245	2,030	-99	Ky.....	53	1.8	481	173	-255
N. Y.....	996	6.7	2,049	1,008	-45	Tenn.....	128	3.9	532	183	-222
N. J.....	678	14.0	703	324	299	Ala.....	59	1.9	531	168	-304
Pa.....	442	4.2	1,493	698	-353	Miss.....	-24	-1.1	408	127	-305
E. N. C.....	3,958	13.0	5,015	1,971	914	W. S. C.....	1,422	9.8	2,637	789	-426
Ohio.....	1,125	14.2	1,326	526	324	Ark.....	-149	-7.8	303	97	-355
Ind.....	502	12.8	661	258	100	La.....	327	12.2	533	155	-51
Ill.....	770	8.8	1,314	590	46	Okla.....	11	0.5	325	124	-189
Mich.....	1,208	19.0	1,154	382	435	Tex.....	1,233	16.0	1,476	412	169
Wis.....	354	10.3	559	215	9	Mt.....	1,124	22.1	1,021	290	393
W. N. C.....	1,014	7.2	2,222	888	-320	Mont.....	62	10.5	105	38	-5
Minn.....	277	9.3	498	177	-43	Idaho.....	36	6.1	106	31	-38
Iowa.....	133	5.1	400	166	-101	Wyo.....	25	8.6	53	15	-13
Mo.....	243	6.1	577	275	-59	Colo.....	303	22.9	241	81	143
N. Dak.....	23	3.7	108	32	-53	N. Mex.....	130	19.0	163	35	1
S. Dak.....	40	6.1	115	37	-38	Ariz.....	336	44.9	172	46	210
Nebr.....	101	7.6	209	81	-27	Utah.....	136	19.7	149	33	19
Kans.....	198	10.4	316	120	2	Nev.....	96	60.1	33	11	75
S. A.....	2,889	13.6	3,759	1,212	343	Pac.....	3,392	23.4	2,438	917	1,871
Del.....	100	31.4	58	22	64	Wash.....	296	12.5	382	147	61
Md.....	482	20.6	397	145	231	Oreg.....	211	13.9	243	92	61
D. C.....	29	3.6	131	53	-50	Calif.....	2,885	27.2	1,813	678	1,749

<sup>1</sup> Base is 1950 total population.<sup>2</sup> Comprises both net immigration from abroad and net interregional, interdivisional, or interstate migration according to the area shown. Includes movements of persons in the Armed Forces between 1950 and 1956.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 165.

No. 9.—POPULATION, 1790 TO 1950, AND POPULATION RANK AND PERCENT INCREASE,  
1900 TO 1950, BY STATES AND OTHER AREAS

[Population in thousands. Insofar as possible, population shown is that of present area of State. Minus sign (—) denotes decrease. For regional totals, see also *Historical Statistics, 1789-1945*, series B 48-71]

STATE OR OTHER AREA	POPULATION										
	1790	1800	1820	1840	1860	1870	1880	1890	1900	1910	1920
Cont. U. S.....	3, 929	5, 308	9, 638	17, 069	31, 443	39, 818	50, 156	62, 948	75, 995	91, 972	105, 711
Regions:											
Northeast.....	1, 968	2, 636	4, 360	6, 761	10, 594	12, 299	14, 507	17, 407	21, 047	25, 869	29, 662
North Central.....	1, 142	151	859	3, 352	9, 097	12, 981	17, 364	22, 410	26, 333	29, 889	34, 020
South.....	1, 961	2, 622	4, 419	6, 961	11, 133	12, 238	16, 517	20, 028	24, 524	29, 339	33, 126
West.....					619	991	1, 768	3, 102	4, 091	6, 826	8, 903
New England.....	1, 009	1, 233	1, 660	2, 235	3, 135	3, 488	4, 011	4, 701	5, 592	6, 553	7, 401
Maine.....	97	152	298	502	628	627	649	661	694	742	768
New Hampshire.....	142	184	244	285	326	318	347	377	412	431	443
Vermont.....	85	164	236	292	315	331	332	332	344	356	362
Massachusetts.....	379	423	538	788	1, 231	1, 457	1, 783	2, 239	2, 805	3, 366	3, 852
Rhode Island.....	69	99	83	109	175	217	277	346	429	543	604
Connecticut.....	238	251	275	310	460	587	623	746	908	1, 115	1, 381
Middle Atlantic.....	359	1, 403	2, 700	4, 526	7, 459	8, 811	10, 497	12, 706	15, 455	19, 316	22, 261
New York.....	340	589	1, 373	2, 429	3, 881	4, 383	5, 083	6, 003	7, 269	9, 114	10, 385
New Jersey.....	184	211	278	373	672	906	1, 131	1, 445	1, 884	2, 537	3, 156
Pennsylvania.....	434	602	1, 049	1, 724	2, 906	3, 522	4, 283	5, 258	6, 302	7, 665	8, 720
East North Central.....		445	581	1, 519	2, 340	2, 665	3, 198	3, 672	4, 158	4, 767	5, 759
Ohio.....		56	147	686	1, 350	1, 681	1, 978	2, 192	2, 516	2, 701	2, 930
Indiana.....			55	476	1, 712	2, 540	3, 078	3, 826	4, 822	5, 639	6, 485
Illinois.....			99	212	749	1, 184	1, 637	2, 094	2, 421	2, 810	3, 608
Michigan.....				71	776	1, 055	1, 315	1, 693	2, 069	2, 334	2, 632
Wisconsin.....			67	427	2, 170	3, 857	6, 157	8, 932	10, 347	11, 638	12, 544
West North Central.....					172	440	781	1, 310	1, 751	2, 076	2, 387
Minnesota.....				43	675	1, 194	1, 625	1, 912	2, 232	2, 225	2, 404
Iowa.....			67	384	1, 182	1, 721	2, 168	2, 679	3, 107	3, 293	3, 404
Missouri.....					5	2	37	191	319	577	647
North Dakota.....					12	98	349	402	584	637	
South Dakota.....					29	123	452	1, 063	1, 066	1, 192	1, 296
Nebraska.....					107	364	996	1, 428	1, 470	1, 691	1, 769
Kansas.....					112	125	147	168	185	202	223
South Atlantic.....	1, 852	2, 286	3, 061	3, 925	5, 365	5, 858	7, 597	8, 858	10, 443	12, 195	13, 990
Delaware.....	59	64	73	78	112	125	147	168	185	202	223
Maryland.....	329	342	407	470	687	781	935	1, 042	1, 188	1, 295	1, 450
Dist. of Columbia.....		8	23	34	75	132	178	280	279	331	438
Virginia.....	692	808	988	1, 025	1, 220	1, 225	1, 513	1, 666	1, 854	2, 062	2, 309
West Virginia.....	56	79	137	225	377	442	618	763	959	1, 221	1, 464
North Carolina.....	394	478	639	753	993	1, 071	1, 400	1, 618	1, 804	2, 206	2, 559
South Carolina.....	249	346	503	594	704	706	996	1, 151	1, 340	1, 515	1, 684
Georgia.....	83	163	341	691	1, 057	1, 184	1, 542	1, 837	2, 216	2, 609	2, 896
Florida.....			54	140	188	259	391	529	753	968	
East South Central.....	109	335	1, 190	2, 575	4, 021	4, 404	5, 585	6, 429	7, 548	8, 410	8, 893
Kentucky.....	74	221	564	780	1, 156	1, 321	1, 649	1, 859	2, 147	2, 290	2, 417
Tennessee.....	36	106	423	829	1, 110	1, 269	1, 542	1, 788	2, 021	2, 185	2, 338
Alabama.....		10	128	561	964	997	1, 263	1, 513	1, 829	2, 138	2, 348
Mississippi.....		11	75	376	791	828	1, 132	1, 290	1, 551	1, 797	1, 791
West South Central.....			168	460	1, 748	2, 030	3, 334	4, 741	6, 532	8, 785	10, 242
Arkansas.....			14	98	435	484	803	1, 128	1, 312	1, 574	1, 752
Louisiana.....			153	352	708	727	940	1, 119	1, 382	1, 656	1, 799
Oklahoma.....								259	790	1, 657	2, 028
Texas.....					604	819	1, 592	2, 236	3, 049	3, 897	4, 663
Mountain.....					175	315	653	1, 214	1, 675	2, 634	3, 336
Montana.....						21	39	143	243	376	549
Idaho.....						15	33	89	162	326	432
Wyoming.....						9	21	63	93	146	194
Colorado.....					34	40	194	413	540	799	940
New Mexico.....					194	92	120	100	195	327	360
Arizona.....						10	40	88	123	204	334
Utah.....					184	87	144	211	277	373	449
Nevada.....					14	42	62	47	42	82	77
Pacific.....					444	675	1, 115	1, 888	2, 417	4, 192	5, 567
Washington.....					12	24	75	357	518	1, 142	1, 357
Oregon.....					52	91	175	318	414	673	783
California.....					380	560	866	1, 213	1, 485	2, 378	3, 427
Alaska.....							33	32	64	94	55
Hawaii.....					16	70		19	164	192	256
Puerto Rico.....		16	155		13	583		17	953	1, 118	1, 300

<sup>1</sup> Includes 6,100 persons on public ships in service of the United States, not credited to any region, division, or State.

<sup>2</sup> Revised; unrevised figure is 38,558,371. Census of Southern States considered incomplete but there has been no revision of State figures, hence State and region figures do not add to total shown here.

<sup>3</sup> Includes 325,464 persons in Indian Territory and Indian reservations, specially enumerated.

<sup>4</sup> Territory Northwest of River Ohio.

<sup>5</sup> 1800 includes 3,124 persons in those portions of Indiana Territory which were taken to form Michigan and Illinois Territories in 1805 and 1809, respectively, and that portion which was separated in 1816.

<sup>6</sup> Michigan Territory as then constituted; boundaries changed in 1816, 1818, 1834, and 1836.

<sup>7</sup> Includes that part of Minnesota northeast of Mississippi River.

No. 9.—POPULATION, 1790 TO 1950, AND POPULATION RANK AND PERCENT INCREASE, 1900 TO 1950, BY STATES AND OTHER AREAS—Continued

[Population in thousands]

STATE OR OTHER AREA	POPULATION—Con.			RANK						PERCENT INCREASE				
	1930	1940	1950	1900	1910	1920	1930	1940	1950	1900 to 1910	1910 to 1920	1920 to 1930	1930 to 1940	1940 to 1950
Cont. U. S.	122,775	131,669	150,697	—	—	—	—	—	—	21.0	14.9	16.1	7.2	14.5
Regions:														
Northeast	34,427	35,977	39,478	—	—	—	—	—	—	22.9	14.7	16.1	4.5	9.7
North Central	38,594	40,143	44,461	—	—	—	—	—	—	13.6	13.8	13.4	4.0	10.8
South	37,858	41,666	47,197	—	—	—	—	—	—	19.8	12.7	14.3	10.1	13.3
West	11,896	13,883	19,562	—	—	—	—	—	—	66.8	30.4	33.6	16.7	40.9
New England	8,166	8,437	9,314	—	—	—	—	—	—	17.2	12.9	10.3	3.3	10.4
Maine	797	847	914	31	34	35	35	35	35	6.9	3.5	3.8	6.2	7.9
New Hampshire	465	492	533	37	39	41	42	45	45	4.6	2.9	5.0	5.0	8.5
Vermont	360	359	378	39	42	45	46	46	46	3.6	-1.0	2.0	-0.1	5.2
Massachusetts	4,250	4,317	4,691	7	6	6	8	8	9	20.0	14.4	10.3	1.6	8.7
Rhode Island	687	713	792	35	38	38	37	36	37	25.6	11.4	13.7	3.8	11.0
Connecticut	1,607	1,709	2,007	20	31	29	29	31	28	22.7	23.9	16.4	6.4	17.4
Middle Atlantic	26,261	27,639	30,164	—	—	—	—	—	—	25.0	15.2	18.0	4.9	9.5
New York	12,588	13,470	14,830	1	1	1	1	1	1	26.4	14.0	21.2	7.1	10.0
New Jersey	4,041	4,160	4,585	16	11	10	9	9	8	34.7	24.4	28.1	2.9	16.2
Pennsylvania	9,631	9,900	10,498	2	2	2	2	2	3	21.6	13.8	10.5	2.8	6.0
East North Central	25,297	26,626	30,399	—	—	—	—	—	—	14.2	17.7	17.8	5.3	14.2
Ohio	6,647	6,908	7,947	4	4	4	4	4	5	14.7	20.8	15.4	3.9	15.0
Indiana	3,239	3,428	3,934	8	9	11	11	12	12	7.3	8.5	10.5	5.8	14.8
Illinois	7,631	7,897	8,712	3	3	3	3	3	4	16.9	15.0	17.7	3.5	10.3
Michigan	4,842	5,256	6,372	9	8	7	7	7	7	16.1	15.6	32.0	8.5	21.2
Wisconsin	2,939	3,138	3,435	13	13	13	13	13	14	12.8	12.8	11.7	6.8	9.5
West North Central	13,297	13,617	14,661	—	—	—	—	—	—	12.5	7.8	6.0	1.7	4.0
Minnesota	2,664	2,792	2,982	19	19	17	18	18	18	18.5	15.0	7.4	8.9	6.8
Iowa	2,471	2,638	2,621	10	16	16	19	20	22	-0.3	8.1	2.8	2.7	3.3
Missouri	3,620	3,785	3,955	5	7	9	10	10	11	6.0	3.4	6.0	4.3	4.5
North Dakota	681	642	620	40	37	36	38	39	42	80.8	12.1	5.3	-6.7	-3.5
South Dakota	693	643	653	38	36	37	36	38	41	45.4	0.0	8.8	-7.2	1.5
Nebraska	1,378	1,316	1,326	29	31	32	32	32	33	11.8	8.7	6.3	-4.5	0.7
Kansas	1,881	1,801	1,905	22	22	24	24	29	31	15.0	4.6	6.3	-4.3	5.8
South Atlantic	15,794	17,823	21,182	—	—	—	—	—	—	16.8	14.7	12.9	12.9	18.8
Delaware	238	267	318	45	47	47	47	47	47	9.5	10.2	6.9	11.8	19.4
Maryland	1,632	1,821	2,343	26	27	28	28	28	24	9.0	11.9	12.5	11.6	28.6
Dist. of Columbia	487	663	802	41	43	42	41	37	36	18.8	32.2	11.3	36.2	21.0
Virginia	2,422	2,678	3,310	17	20	20	20	19	15	11.2	12.0	4.9	10.6	23.9
West Virginia	1,729	1,902	2,006	28	28	27	27	25	29	27.4	19.9	18.1	10.0	5.4
North Carolina	3,170	3,672	4,062	15	16	14	12	11	10	15.6	16.0	23.9	12.7	13.7
South Carolina	1,739	1,900	2,117	24	26	26	26	26	27	13.1	11.1	3.3	9.3	11.4
Georgia	2,909	3,124	3,445	11	10	12	14	14	13	17.7	11.0	0.4	7.4	10.3
Florida	1,468	1,897	2,771	33	33	32	31	27	20	42.4	28.7	51.0	29.2	46.1
East South Central	9,887	10,778	11,477	—	—	—	—	—	—	11.4	5.7	11.2	9.0	6.8
Kentucky	2,615	2,846	2,945	12	14	15	17	16	19	6.5	5.5	8.2	8.8	3.5
Tennessee	2,617	2,916	3,292	14	17	19	16	15	16	8.1	7.0	11.9	11.4	12.9
Alabama	2,646	2,833	3,062	18	18	18	15	17	17	16.9	9.8	12.7	7.1	8.1
Mississippi	2,010	2,184	2,179	20	21	23	23	23	20	15.8	-0.4	12.2	8.7	-0.2
West South Central	12,177	13,065	14,538	—	—	—	—	—	—	34.5	16.6	18.9	7.3	11.3
Arkansas	1,854	1,940	1,910	25	25	25	25	24	30	20.0	11.3	5.8	5.1	-2.0
Louisiana	2,102	2,364	2,684	23	24	22	22	21	21	19.9	8.6	16.9	12.5	13.5
Oklahoma	2,396	2,336	2,233	30	23	21	21	22	25	109.7	22.4	18.1	-2.5	-4.4
Texas	5,825	6,415	7,711	6	5	5	5	6	6	27.8	19.7	24.9	10.1	26.2
Mountain	3,702	4,150	5,075	—	—	—	—	—	—	57.3	26.7	11.0	12.1	22.3
Montana	538	550	591	43	40	39	39	40	43	54.5	40.0	-2.1	4.1	5.6
Idaho	445	525	589	46	45	43	43	43	44	101.3	32.6	3.0	17.9	12.1
Wyoming	226	251	291	48	48	48	48	48	48	57.7	33.2	16.0	11.2	15.9
Colorado	1,036	1,123	1,325	32	32	33	33	33	34	48.0	17.6	10.2	8.4	18.0
New Mexico	423	532	681	44	44	44	45	42	40	67.6	10.1	17.5	25.6	28.1
Arizona	436	490	750	47	46	46	44	44	38	66.2	63.5	30.3	14.6	50.1
Utah	508	550	689	42	41	40	40	41	39	34.9	20.4	13.0	8.4	25.2
Nevada	91	110	160	49	49	49	49	40	40	93.4	-5.5	17.6	21.1	45.2
Pacific	8,194	9,733	14,487	—	—	—	—	—	—	73.5	32.8	47.2	13.8	48.8
Washington	1,563	1,736	2,379	34	30	30	30	30	23	120.4	18.8	15.2	11.1	37.0
Oregon	954	1,090	1,521	36	35	34	34	34	32	62.7	16.4	21.8	14.2	39.6
California	5,677	6,907	10,586	21	12	8	6	5	2	60.1	44.1	65.7	21.7	53.3
Alaska	16 50	13 73	129	—	—	—	—	—	—	1.2	-14.5	7.7	22.3	77.4
Hawaii	368	423	500	—	—	—	—	—	—	24.6	33.4	43.9	14.9	18.1
Puerto Rico	1,544	1,869	2,211	—	—	—	—	—	—	17.3	16.3	18.8	21.1	18.3

<sup>6</sup> Includes that part of Minnesota lying west of Mississippi River and a line drawn from its source northwards to Canadian boundary.

<sup>10</sup> Those parts of Mississippi Territory now in present State.

<sup>11</sup> Those parts of present State included in Mississippi Territory as then constituted.

<sup>12</sup> Includes area taken to form part of Arizona Territory in 1863.

<sup>13</sup> Utah Territory exclusive of that part of present State of Colorado taken to form Colorado Territory in 1861.

<sup>14</sup> Nevada Territory as organized in 1861.

<sup>15</sup> Censuses taken under direction of Hawaiian Government.

<sup>16</sup> Censuses taken under direction of Spanish Government.

<sup>17</sup> As of Nov. 10, 1899. <sup>18</sup> 1930 as of Oct. 1, 1929; 1940, as of Oct. 1, 1939.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1960, Vol. I.

# No. 10.—POPULATION PER SQUARE MILE, BY STATES AND OTHER AREAS: 1800 TO 1950

[For United States, population of continental U. S. has been divided by total land area. For each State or Territory, population at given census has been divided by land area as then constituted. However, 1930 figures are based on revised land areas used for 1940. Areas of Indian reservations, outside Indian Territory, are included in areas of States and Territories for all years; however, populations of reservations were not ascertained and therefore were not taken into account in computing densities prior to 1890]

STATE OR OTHER AREA	1800	1870	1880	1890	1900	1910	1920	1930 <sup>1</sup>	1940	1950
Cont. U. S.....	6.1	13.4	16.9	21.2	25.6	31.0	35.6	41.2	44.2	50.7
New England.....	19.9	56.3	64.7	75.8	90.2	105.7	119.4	129.2	133.5	147.5
Maine.....	5.1	21.0	21.7	22.1	23.2	24.8	25.7	25.7	27.3	29.4
New Hampshire.....	20.4	35.2	38.4	41.7	45.6	47.7	49.1	51.6	54.5	59.1
Vermont.....	16.9	36.2	36.4	36.4	37.7	39.0	38.6	38.8	36.7	40.7
Massachusetts.....	52.6	181.3	221.8	278.5	349.0	418.8	479.2	537.4	545.9	596.2
Rhode Island.....	64.8	203.7	259.2	323.8	401.6	508.5	566.4	649.8	674.2	748.5
Connecticut.....	52.1	111.6	123.2	154.8	188.6	231.3	286.4	328.0	348.9	409.7
Middle Atlantic.....	14.0	88.1	105.0	127.1	154.5	193.2	222.6	261.3	274.0	300.1
New York.....	12.4	92.0	106.7	126.0	152.5	191.2	217.9	262.6	281.2	309.3
New Jersey.....	28.1	120.6	150.6	192.3	250.7	337.7	420.0	537.3	553.1	642.8
Pennsylvania.....	13.4	78.6	95.5	117.3	140.6	171.0	194.6	213.8	219.8	233.1
East North Central.....	0.2	37.2	45.7	54.9	65.2	74.3	87.5	103.2	108.7	124.1
Ohio.....	1.1	65.4	78.5	90.1	102.1	117.0	141.4	161.6	168.0	193.8
Indiana.....	(3)	46.8	55.1	61.1	70.1	74.9	81.3	89.4	94.7	108.7
Illinois.....		45.4	55.0	68.8	86.1	100.6	115.7	136.4	141.2	155.8
Michigan.....		20.6	28.5	36.4	42.1	48.9	63.8	84.9	92.2	111.7
Wisconsin.....		19.1	23.8	30.6	37.4	42.2	47.6	53.7	57.3	62.8
West North Central.....		7.6	12.1	17.5	20.3	22.8	24.6	26.0	26.5	27.5
Minnesota.....		5.4	9.7	16.2	21.7	25.7	29.5	32.0	34.9	37.3
Iowa.....		21.5	29.2	34.4	40.2	40.0	43.2	44.1	45.3	46.8
Missouri.....		25.0	31.6	39.0	45.2	47.9	49.5	52.4	54.6	57.1
North Dakota.....		(4)	(4)	2.7	4.5	8.2	9.2	9.7	9.2	8.8
South Dakota.....		(4)	(4)	4.5	5.2	7.6	8.3	8.7	8.4	8.5
Nebraska.....		1.6	5.9	13.8	13.9	15.5	18.9	18.0	17.2	17.3
Kansas.....		4.5	12.2	17.5	18.0	20.7	21.6	22.9	21.9	23.2
South Atlantic.....	8.6	21.8	28.2	32.9	38.8	45.3	52.0	58.8	66.4	79.0
Delaware.....	32.7	63.6	74.6	85.7	94.0	103.0	113.5	120.5	134.7	160.8
Maryland.....	34.4	78.6	94.0	104.9	119.5	130.3	145.8	165.0	184.2	237.1
Dist. of Columbia.....	156.6	2,270.7	3,082.5	3,972.3	4,645.3	5,517.8	7,202.9	7,981.5	10,870.3	13,150.5
Virginia.....	13.7	30.4	37.6	41.1	46.1	51.2	57.4	60.7	67.1	83.2
West Virginia.....		18.4	25.7	31.8	39.9	50.8	80.9	71.8	79.0	83.3
North Carolina.....	9.8	22.0	28.7	33.2	38.9	45.3	52.5	64.5	72.7	82.7
South Carolina.....	11.3	23.1	32.6	37.7	44.0	49.7	55.2	56.8	62.1	69.9
Georgia.....	1.5	20.2	26.3	31.3	37.7	44.4	49.3	49.7	53.4	58.9
Florida.....		3.4	4.9	7.1	9.6	13.7	17.7	27.1	35.0	51.1
East South Central.....	2.9	24.5	31.1	35.8	42.0	46.8	49.5	54.8	59.7	63.8
Kentucky.....	5.5	22.9	41.0	46.3	53.4	57.0	60.1	65.2	70.0	73.9
Tennessee.....	2.5	30.2	37.0	42.4	48.5	52.4	56.1	62.4	69.5	78.8
Alabama.....		19.4	24.6	29.5	35.7	41.7	45.8	51.8	55.5	59.9
Mississippi.....	0.3	17.9	24.4	27.8	33.5	38.8	38.6	42.4	46.1	46.1
West South Central.....		5.6	9.3	11.0	15.2	20.4	23.8	28.3	30.3	33.8
Arkansas.....		9.2	15.3	21.5	25.0	30.0	33.4	35.2	37.0	36.3
Louisiana.....		16.0	20.7	24.6	30.4	36.5	39.6	46.5	52.3	59.4
Oklahoma.....				3.7	11.4	23.9	29.2	34.6	33.7	32.4
Texas.....		3.1	6.1	8.5	11.6	14.8	17.8	22.1	24.3	29.3
Mountain.....		0.4	0.8	1.4	1.9	3.1	3.9	4.3	4.8	5.9
Montana.....		0.1	0.3	1.0	1.7	2.6	3.8	3.7	3.8	4.1
Idaho.....		0.2	0.4	1.1	1.9	3.9	5.2	5.4	6.3	7.1
Wyoming.....		0.1	0.2	0.6	0.9	1.5	2.0	2.3	2.6	3.0
Colorado.....		0.4	1.9	4.0	5.2	7.7	9.1	10.0	10.8	12.8
New Mexico.....		0.7	1.0	1.3	1.6	2.7	2.9	3.5	4.4	5.6
Arizona.....		0.1	0.4	0.8	1.1	1.8	2.9	3.8	4.4	6.6
Utah.....		1.1	1.8	2.6	3.4	4.5	5.5	6.2	6.7	8.4
Nevada.....		0.4	0.6	0.4	0.4	0.7	0.7	0.8	1.0	1.6
Pacific.....		2.1	3.5	5.9	7.6	13.2	17.5	25.6	30.4	45.3
Washington.....		0.4	1.1	5.3	7.8	17.1	20.3	23.3	25.9	35.6
Oregon.....		1.0	1.8	3.3	4.3	7.0	8.2	9.9	11.3	15.8
California.....		3.6	5.5	7.8	9.5	15.3	22.0	36.2	44.1	67.5
Alaska.....			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Hawaii.....				14.0	24.0	30.0	39.9	57.5	66.0	78.0
Puerto Rico.....	45.4				278.6	326.6	370.7	461.0	546.1	646.8

<sup>1</sup> Based on 1940 land-area measurement.

<sup>2</sup> Revised. Census of Southern States considered incomplete, but there has been no revision of State figures.

<sup>3</sup> Less than one-tenth of 1 person per square mile. <sup>4</sup> Dakota Territory, 0.1 in 1870 and 0.9 in 1880.

<sup>5</sup> Oklahoma and Indian Territory combined. Separate data are as follows: Indian Territory, 5.9 in 1890 and 12.7 in 1900; Oklahoma, 2.0 in 1890 and 10.3 in 1900. <sup>6</sup> 1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth and Sixteenth Censuses, *Population*, Vol. I, and *U. S. Census of Population: 1950*, Vol. I.



## No. 11.—POPULATION OF STANDARD METROPOLITAN AREAS: 1940 AND 1950

[Minus sign (—) denotes decrease. A standard metropolitan area is a county or group of contiguous counties (except in New England) which contains at least one city of 50,000 inhabitants or more in 1950 or subsequently. In addition to the county, or counties, containing such a city, or cities, contiguous counties are included in a standard metropolitan area if according to certain criteria they are essentially metropolitan in character and sufficiently integrated with the central city. In New England, standard metropolitan areas have been defined on a town rather than on a county basis. This list of areas is based on "Standard Metropolitan Area Definitions" issued by the Executive Office of the President, Bureau of the Budget, on Jan. 15, 1957. For detailed explanation of standard metropolitan area concept and data for geographic components of each area, see source and *County and City Data Book, 1956*, a supplement to the *Statistical Abstract*]

STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Per- cent in- crease, 1940 to 1950	STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Per- cent in- crease, 1940 to 1950
CONTINENTAL UNITED STATES				CONTINENTAL UNITED STATES—Continued			
<b>Total, 174 areas.....</b>	<b>69,952,675</b>	<b>85,485,302</b>	<b>22.2</b>	Galveston (Tex.) area.....	81,173	113,066	39.3
Akron (Ohio) area.....	339,405	410,032	20.8	Grand Rapids (Mich.) area.....	246,338	288,292	17.0
Albany-Schenectady-Troy (N. Y.) area.....	465,643	614,490	10.5	Green Bay (Wis.) area.....	83,109	98,314	18.3
Albuquerque (N. Mex.) area.....	60,391	145,673	100.9	Greensboro-High Point (N. C.) area.....	153,916	191,057	24.1
Allentown-Bethlehem-Easton (Pa.) area.....	396,673	437,824	10.4	Greenville (S. C.) area.....	130,580	168,152	23.1
Altoona (Pa.) area.....	140,358	139,514	-0.6	Hamilton-Middletown (Ohio) area.....	120,249	147,203	22.4
Amarillo (Tex.) area.....	61,450	87,140	41.8	Hampton-Newport News-Warwick (Va.) area.....	84,496	143,227	69.5
Ashville (N. C.) area.....	108,755	124,403	14.4	Harrisburg (Pa.) area.....	252,216	292,241	15.9
Atlanta (Ga.) area.....	520,755	694,600	31.1	Hartford (Conn.) area.....	295,613	358,081	21.1
Atlantic City (N. J.) area.....	124,009	132,309	6.7	Houston (Tex.) area.....	528,961	806,701	52.5
Augusta (Ga.) area.....	131,779	162,013	22.9	Huntington (W. Va.)-Ashland (Ky.) area.....	225,668	245,795	8.9
Austin (Tex.) area.....	111,053	160,980	45.0	Indianapolis (Ind.) area.....	400,926	551,777	10.7
Baltimore (Md.) area.....	1,083,309	1,337,373	23.5	Jackson (Mich.) area.....	93,108	107,925	15.9
Baton Rouge (La.) area.....	88,415	155,236	79.0	Jackson (Miss.) area.....	107,273	142,164	32.5
Bay City (Mich.) area.....	74,981	88,461	18.0	Jacksonville (Fla.) area.....	210,143	304,029	44.7
Beaumont-Port Arthur (Tex.) area.....	145,329	195,083	34.2	Johnstown (Pa.) area.....	298,416	291,354	-2.4
Binghamton (N. Y.) area.....	165,749	184,698	11.4	Kalamazoo (Mich.) area.....	100,085	126,707	26.6
Birmingham (Ala.) area.....	459,030	658,928	21.5	Kansas City (Mo.) area.....	686,643	814,357	18.6
Boston (Mass.) area.....	2,177,621	2,369,986	8.8	Kenosha (Wis.) area.....	63,505	75,238	18.5
Bridgeport (Conn.) area.....	212,569	258,137	21.4	Knoxville (Tenn.) area.....	246,088	337,105	37.0
Brockton (Mass.) area.....	119,310	129,428	8.5	Laurens (S. C.) area.....	212,504	234,717	10.5
Buffalo (N. Y.) area.....	958,487	1,089,230	13.6	Lansing (Mich.) area.....	130,616	172,941	32.4
Canton (Ohio) area.....	234,887	283,104	20.6	Laredo (Tex.) area.....	45,916	56,141	22.3
Cedar Rapids (Iowa) area.....	89,142	104,374	17.0	Lawrence (Mass.) area.....	124,849	125,935	0.9
Charleston (S. C.) area.....	121,105	164,856	36.1	Lexington (Ky.) area.....	78,890	100,746	27.7
Charleston (W. Va.) area.....	276,247	322,072	16.6	Lima (Ohio) area.....	73,303	88,183	20.3
Charlotte (N. C.) area.....	151,826	197,052	29.8	Lincoln (Nebr.) area.....	100,585	119,742	19.0
Chattanooga (Tenn.) area.....	211,502	246,453	16.5	Little Rock-North Little Rock (Ark.) area.....	166,085	196,635	26.0
Chicago (Ill.) area.....	4,825,527	5,495,364	13.9	Lorain-Elyria (Ohio) area.....	112,390	148,162	31.8
Cincinnati (Ohio) area.....	787,044	904,402	14.9	Los Angeles-Long Beach (Calif.) area.....	2,916,403	4,367,911	49.8
Cleveland (Ohio) area.....	1,207,270	1,405,511	15.6	Louisville (Ky.) area.....	451,473	576,900	27.8
Columbia (S. C.) area.....	104,843	142,565	36.0	Lowell (Mass.) area.....	132,633	135,987	2.5
Columbus (Ga.) area.....	126,407	170,541	34.9	Lubbock (Tex.) area.....	51,782	101,048	95.1
Columbus (Ohio) area.....	388,712	503,410	29.5	Macon (Ga.) area.....	95,086	135,043	42.0
Corpus Christi (Tex.) area.....	92,661	165,471	78.6	Madison (Wis.) area.....	130,660	169,357	20.9
Dallas (Tex.) area.....	308,564	614,799	54.3	Manchester (N. H.) area.....	81,932	88,370	7.6
Davenport (Iowa)-Rock Island-Moline (Ill.) area.....	198,071	234,256	18.3	Memphis (Tenn.) area.....	358,250	482,393	34.7
Dayton (Ohio) area.....	331,343	457,333	38.0	Miami (Fla.) area.....	267,739	495,084	84.9
Decatur (Ill.) area.....	84,693	98,853	16.7	Milwaukee (Wis.) area.....	829,629	956,948	15.3
Denver (Colo.) area.....	407,768	563,832	38.3	Minneapolis-St. Paul (Minn.) area.....	940,937	1,116,509	18.7
Des Moines (Iowa) area.....	195,835	226,010	15.4	Mobile (Ala.) area.....	141,974	231,105	62.8
Detroit (Mich.) area.....	2,377,329	3,016,197	26.9	Montgomery (Ala.) area.....	114,420	138,965	21.5
Dubuque (Iowa) area.....	63,708	71,337	11.9	Muncie (Ind.) area.....	74,963	90,252	20.4
Duluth (Minn.)-Superior (Wis.) area.....	254,036	252,777	-0.5	Nashville (Tenn.) area.....	267,267	321,758	25.1
Durham (N. C.) area.....	80,244	101,639	26.7	New Bedford (Mass.) area.....	134,435	137,469	2.3
El Paso (Tex.) area.....	131,067	194,968	48.8	New Britain-Bristol (Conn.) area.....	126,709	146,983	16.0
Elie (Pa.) area.....	180,889	210,388	21.3	New Haven (Conn.) area.....	240,750	264,622	9.9
Evansville (Ind.) area.....	157,803	191,137	21.1	New Orleans (La.) area.....	552,244	685,405	24.1
Fall River (Mass.) area.....	135,137	137,208	1.6	New York-Northeastern New Jersey area.....	11,600,839	12,911,994	10.7
Flint (Mich.) area.....	227,944	270,963	18.9	Norfolk-Portsmouth (Va.) area.....	258,927	446,200	72.3
Fort Smith (Ark.) area.....	62,809	64,202	2.2	Ogden (Utah) area.....	56,714	83,319	46.9
Fort Wayne (Ind.) area.....	155,084	183,722	18.5	Oklahoma City (Okla.) area.....	244,159	325,352	33.3
Fort Worth (Tex.) area.....	225,621	361,253	60.2				
Fresno (Calif.) area.....	178,565	276,515	54.9				
Gadsden (Ala.) area.....	72,580	93,892	29.4				

**No. 11.—POPULATION OF STANDARD METROPOLITAN AREAS: 1940 AND 1950—Continued**  
 [Minus sign (—) denotes decrease]

STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Percent increase, 1940 to 1950	STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Percent increase, 1940 to 1950
CONT. U. S.—Con.				CONT. U. S.—Con.			
Omaha (Nebr.) area.....	325,153	366,395	12.7	Springfield (Ohio) area.....	95,647	111,661	16.7
Orlando (Fla.) area.....	70,074	114,950	64.0	Springfield-Holyoke (Mass.) area.....	364,680	407,255	11.7
Peoria (Ill.) area.....	211,736	250,512	18.3	Stamford-Norwalk (Conn.) area.....	160,274	196,023	22.3
Philadelphia (Pa.) area.....	3,199,637	3,671,048	14.7	Stockton (Calif.) area.....	134,207	200,760	49.6
Phoenix (Ariz.) area.....	186,193	331,770	78.2	Syracuse (N. Y.) area.....	285,108	341,719	15.8
Pittsburgh (Pa.) area.....	2,982,556	2,213,236	6.3	Tacoma (Wash.) area.....	182,081	275,876	51.5
Pittsfield (Mass.) area.....	60,996	66,567	9.1	Tampa-St. Petersburg (Fla.) area.....	272,000	409,143	50.4
Portland (Maine) area.....	105,506	119,942	12.6	Terre Haute (Ind.) area.....	99,709	105,160	5.5
Portland (Oreg.) area.....	601,275	704,829	40.6	Toledo (Ohio) area.....	344,333	595,551	14.9
Providence (R. I.) area.....	676,766	737,203	8.9	Topeka (Kans.) area.....	91,247	105,418	15.5
Pueblo (Colo.) area.....	68,870	90,188	31.0	Trenton (N. J.) area.....	197,318	229,781	16.6
Racine (Wis.) area.....	94,047	109,585	16.5	Tucson (Ariz.) area.....	72,838	141,216	93.9
Raleigh (N. C.) area.....	109,544	136,450	24.6	Tulsa (Okla.) area.....	193,363	251,686	30.2
Reading (Pa.) area.....	241,884	255,740	5.7	Utica-Rome (N. Y.) area.....	263,163	284,262	8.0
Richmond (Va.) area.....	262,991	328,050	24.7	Waco (Tex.) area.....	101,988	130,194	27.8
Roanoke (Va.) area.....	112,184	133,407	18.9	Washington (D. C.) area.....	967,985	1,464,089	51.3
Rochester (N. Y.) area.....	438,230	487,652	11.3	Waterbury (Conn.) area.....	138,779	154,656	11.4
Rockford (Ill.) area.....	121,178	152,385	25.8	Waterloo (Iowa) area.....	70,946	100,448	25.6
Sacramento (Calif.) area.....	170,333	277,140	62.7	West Palm Beach (Fla.) area.....	79,989	114,688	43.4
Saginaw (Mich.) area.....	130,468	153,515	17.7	Wheeling (W. Va.)-Steubenville (Ohio) area.....	364,132	354,092	-2.8
St. Joseph (Mo.) area.....	94,067	96,826	2.9	Wichita (Kans.) area.....	143,311	222,290	55.1
St. Louis (Mo.) area.....	1,432,083	1,681,281	17.4	Wichita Falls (Tex.) area.....	73,604	98,493	33.8
Salt Lake (Utah) area.....	211,623	274,895	29.9	Wilkes-Barre-Hazleton (Pa.) area.....	441,518	392,241	-11.2
San Angelo (Tex.) area.....	39,302	58,929	49.9	Wilmington (Del.) area.....	221,836	268,387	21.0
San Antonio (Tex.) area.....	338,176	500,460	48.0	Winston-Salem (N. C.) area.....	126,475	146,135	15.5
San Bernardino-Riverside-Ontario (Calif.) area.....	266,632	451,688	69.4	Worcester (Mass.) area.....	252,752	276,336	9.3
San Diego (Calif.) area.....	289,348	555,808	92.4	York (Pa.) area.....	178,022	202,737	13.9
San Francisco-Oakland (Calif.) area.....	1,461,804	2,240,767	53.3	Youngstown (Ohio) area.....	473,605	528,498	11.6
San Jose (Calif.) area.....	174,949	290,547	66.1	HAWAII			
Santa Barbara (Calif.) area.....	70,555	98,220	39.2	Honolulu area.....	258,256	353,020	36.7
Savannah (Ga.) area.....	117,970	151,481	28.4	PUERTO RICO			
Savannah (Ga.) area.....	301,243	257,896	-14.6	Mayaguez area.....	76,487	87,307	14.1
Seattle (Wash.) area.....	504,980	732,992	45.2	Ponce area.....	105,116	126,810	20.6
Shreveport (La.) area.....	183,365	216,686	18.2	San Juan area.....	234,475	321,752	37.2
Sioux City (Iowa) area.....	103,627	103,917	0.3				
Sioux Falls (S. Dak.) area.....	57,697	70,910	22.9				
South Bend (Ind.) area.....	161,823	205,058	26.7				
Spokane (Wash.) area.....	164,652	221,561	34.6				
Springfield (Ill.) area.....	117,912	131,484	11.5				
Springfield (Mo.) area.....	90,541	104,823	15.8				

Source: Department of Commerce, Bureau of Census; *U. S. Census of Population: 1950*, Vol. I, and records.

**No. 12.—CIVILIAN POPULATION, BY METROPOLITAN AND URBAN-RURAL RESIDENCE: 1950 AND 1956**

[In thousands. Covers 168 areas, listed in "Standard Metropolitan Area Definitions" issued by the Bureau of the Budget, on Oct. 17, 1950. For definitions, see headnote, table 11, and text, p. 2. A central city is any city over 25,000 within a standard metropolitan area, permitting a maximum of 3 per area]

RESIDENCE	April 1950	March 1956	Percent increase, 1950 to 1956	RESIDENCE	April 1950	March 1956	Percent increase, 1950 to 1956
<b>Total.....</b>	<b>149,634</b>	<b>164,308</b>	<b>9.8</b>	<b>Other territory.....</b>	<b>65,833</b>	<b>68,073</b>	<b>3.4</b>
Standard metropolitan areas.....	183,900	96,235	14.8	Urban.....	23,067	24,453	6.0
Central cities.....	49,138	51,428	4.7	Rural.....	42,766	43,620	2.0
Outside central cities.....	34,663	44,807	29.3	Nonfarm.....	(2)	24,427	-----
Urban.....	23,712	27,750	17.0	Farm.....	(2)	19,193	-----
Rural.....	10,951	17,057	55.8				
Nonfarm.....	(2)	14,713	-----				
Farm.....	(2)	2,344	-----				

<sup>1</sup> Differs from figure shown in table 11 since the latter covers 174 areas.    <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 71.

No. 13.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950,  
1890 TO 1950, AND AREA, 1950

[Increase from census to census includes that due to annexation of territory as well as to direct growth]

CITY	1890	1900	1910	1920	1930	1940	1950		
							Popula- tion	Rank order	Area (sq. mi.)
Akron, Ohio	27,001	42,728	69,067	208,435	255,040	244,791	274,605	39	53.7
Alameda, Calif.	11,165	16,464	23,383	28,806	35,033	36,256	64,430	184	10.7
Albany, N. Y.	94,923	94,151	100,253	113,344	127,412	130,577	134,995	68	19.0
Albuquerque, N. Mex.	3,788	6,238	11,020	15,157	26,570	35,449	96,815	112	47.9
Alexandria, Va.	14,339	14,528	15,320	18,060	24,149	33,523	61,787	102	7.5
Alhambra, Calif.			5,021	9,066	20,472	38,035	51,359	224	7.0
Allentown, Pa.	25,228	35,416	61,913	78,502	92,563	98,004	106,756	99	15.9
Altoona, Pa.	30,337	38,073	52,127	60,331	82,054	80,214	77,177	150	10.0
Amarillo, Tex.	482	1,442	9,957	15,494	43,132	51,686	74,246	155	20.9
Ashville, N. C.	10,235	14,694	18,762	28,504	50,193	51,810	53,000	215	14.5
Atlanta, Ga.	65,533	89,872	154,839	200,616	270,366	302,288	331,314	33	36.9
Atlantic City, N. J.	13,055	27,838	40,150	50,707	66,198	64,094	61,657	103	11.5
Augusta, Ga.	33,300	30,441	41,040	52,548	60,342	65,019	71,508	165	9.8
Aurora, Ill.	10,688	24,147	20,807	36,397	46,589	47,170	50,576	230	8.1
Austin, Tex.	14,575	22,258	20,860	34,876	53,120	87,930	132,459	72	32.1
Baltimore, Md.	434,430	508,957	558,485	733,826	804,874	859,100	949,708	6	78.7
Baton Rouge, La.	10,478	11,269	14,897	21,782	30,729	34,719	125,629	81	30.2
Bay City, Mich.	27,839	27,628	45,106	47,554	47,555	47,956	52,523	218	9.6
Bayonne, N. J.	19,033	32,722	55,545	76,754	88,979	79,198	77,203	149	5.2
Beaumont, Tex.	3,296	9,427	20,040	40,422	57,732	59,061	94,014	118	31.4
Berkeley, Calif.	5,101	13,214	40,434	56,036	82,100	85,547	113,805	90	9.5
Berwyn, Ill.			5,841	14,150	47,627	48,451	51,280	225	3.8
Bethlehem, Pa.	6,762	7,293	12,837	50,358	57,892	58,490	66,340	176	18.6
Binghamton, N. Y.	35,005	39,647	48,443	60,800	76,662	78,309	80,674	139	10.1
Birmingham, Ala.	26,178	38,415	132,685	178,806	259,678	267,583	326,037	34	65.3
Boston, Mass.	448,477	560,892	670,585	748,000	781,188	770,816	801,444	10	47.8
Bridgeport, Conn.	48,806	70,996	102,054	143,555	146,716	147,121	158,709	63	14.6
Brockton, Mass.	27,204	40,063	56,878	66,254	63,797	62,843	62,860	191	21.4
Buffalo, N. Y.	255,664	352,387	423,715	506,775	573,076	575,901	580,132	15	39.4
Burbank, Calif.				2,913	16,662	34,337	78,577	146	16.8
Cambridge, Mass.	70,028	91,886	104,839	109,694	113,643	110,879	120,740	86	6.2
Camden, N. J.	58,313	75,935	94,538	116,309	118,700	117,536	124,555	85	8.6
Canton, Ohio	26,189	30,667	50,217	87,091	104,906	108,401	116,912	88	14.1
Cedar Rapids, Iowa	18,020	25,650	32,811	45,566	56,097	62,120	72,296	161	25.4
Charleston, S. C.	54,955	55,807	58,833	67,957	62,265	71,275	70,174	170	5.1
Charleston, W. Va.	6,742	11,099	22,996	39,008	60,408	67,914	73,501	159	9.6
Charlotte, N. C.	11,557	18,091	34,014	46,338	82,675	100,899	134,042	69	30.0
Chattanooga, Tenn.	29,100	30,154	44,604	57,895	119,798	128,163	131,041	73	28.0
Chester, Pa.	20,226	33,988	38,537	58,030	59,164	59,285	66,039	179	4.7
Chicago, Ill.	1,099,850	1,698,575	2,185,283	2,701,705	3,376,438	3,896,808	3,620,962	2	207.5
Cicero, Ill.	10,204	16,310	14,557	44,995	66,602	64,712	67,544	173	5.8
Cincinnati, Ohio	296,908	325,002	363,591	401,247	451,160	455,610	503,998	18	75.1
Cleveland, Ohio	261,353	381,768	560,063	796,841	900,429	878,336	914,808	7	75.0
Cleveland Heights, Ohio			2,955	15,236	50,945	54,992	50,141	198	8.2
Clifton, N. J.				26,470	46,875	48,827	64,511	182	11.7
Columbia, S. C.	15,353	21,108	26,319	37,524	51,581	62,390	86,014	120	12.8
Columbus, Ga.	17,303	17,614	20,554	31,125	43,131	53,280	79,611	142	12.0
Columbus, Ohio	88,150	125,560	181,511	237,031	290,564	306,087	375,901	28	39.4
Corpus Christi, Tex.	4,387	4,703	8,222	10,522	27,741	57,301	108,287	97	21.5
Covington, Ky.	37,371	42,938	53,270	57,121	65,252	62,018	64,452	183	6.4
Cranston, R. I.	8,099	13,343	21,107	20,407	42,911	47,085	55,000	210	28.7
Dallas, Tex.	38,067	42,638	92,104	158,976	260,475	294,734	434,462	22	112.0
Davenport, Iowa	26,872	35,254	43,028	56,727	60,751	66,039	74,549	152	18.1
Dayton, Ohio	61,220	85,333	116,577	152,559	200,982	210,718	243,872	44	25.0
Dearborn, Mich.		844	911	2,470	50,358	63,584	94,994	117	25.3
Decatur, Ill.	16,841	20,754	31,140	43,818	57,510	59,305	66,299	177	9.3
Denver, Colo.	106,713	133,859	213,381	256,491	287,861	322,412	415,786	24	66.8
Des Moines, Iowa	50,093	62,139	86,368	126,468	142,559	159,819	177,065	53	54.9
Detroit, Mich.	205,876	285,704	465,766	993,678	1,568,662	1,623,452	1,849,568	5	139.6
Duluth, Minn.	33,115	52,969	78,466	98,917	101,463	101,065	104,511	102	62.3
Durham, N. C.	5,485	6,679	18,241	21,719	52,037	60,195	71,311	166	13.2
East Chicago, Ind.	1,255	3,411	10,098	35,967	54,784	54,637	54,263	213	10.4
East Orange, N. J.	13,282	21,566	34,371	50,710	68,020	68,945	79,340	143	3.9
East St. Louis, Ill.	15,169	29,655	58,547	66,767	74,347	75,009	82,295	135	13.4
Elizabeth, N. J.	37,764	52,130	73,409	95,783	114,589	109,912	112,817	91	11.7
El Paso, Tex.	10,338	15,906	30,279	77,560	102,421	96,810	130,485	75	25.6
Erie, Pa.	40,634	52,733	66,525	93,372	115,967	116,955	130,803	74	18.8
Evansville, Ind.	9,000	19,259	24,978	37,234	63,338	65,389	73,641	158	8.2
Evansville, Ind.	50,756	59,007	60,647	85,264	102,249	97,062	125,636	78	18.0
Fall River, Mass.	74,398	104,863	119,295	120,485	115,274	115,428	111,963	92	33.9

For footnotes, see p. 20.

No. 13.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950,  
1890 TO 1950, AND AREA, 1950—Continued

CITY	1890	1900	1910	1920	1930	1940	1950		
							Popula- tion	Rank order	Area (sq. mi.)
Flint, Mich.	9,803	13,103	38,550	91,599	156,492	151,543	163,143	60	29.3
Fort Wayne, Ind.	35,393	45,115	63,933	86,549	114,946	118,410	133,607	71	18.8
Fort Worth, Tex.	23,076	26,688	73,312	106,482	163,447	177,652	278,778	38	93.7
Fresno, Calif.	10,818	12,470	24,892	46,086	52,513	60,685	91,669	124	15.0
Gadsden, Ala.	2,901	4,282	10,557	14,737	24,042	35,975	55,725	207	27.2
Galveston, Tex.	29,084	37,789	36,981	44,255	52,938	50,802	66,568	175	8.1
Gary, Ind.			16,802	55,378	100,426	111,719	133,911	70	41.6
Glendale, Calif.			2,746	13,536	62,736	82,582	95,702	115	20.3
Grand Rapids, Mich.	60,278	87,565	112,571	137,634	168,592	164,292	176,515	56	23.4
Green Bay, Wis.	9,069	18,684	25,236	31,017	37,415	46,235	52,735	216	13.9
Greensboro, N. C.	3,317	10,035	15,895	19,861	53,569	59,319	74,389	153	18.2
Greenville, S. C.	8,607	11,860	15,741	23,127	29,154	34,734	58,161	201	18.2
Hamilton, Ohio	17,565	23,914	35,279	39,675	52,176	50,592	57,951	202	7.6
Hammond, Ind.	5,428	12,376	20,925	36,004	64,560	70,184	87,594	128	23.5
Harrisburg, Pa.	39,385	50,167	64,186	75,917	80,339	83,893	89,544	126	6.3
Hartford, Conn.	53,230	79,850	98,915	138,036	164,072	166,267	177,397	54	17.4
Hoboken, N. J.	43,648	59,364	70,324	88,166	59,261	50,115	60,676	229	1.0
Holyoke, Mass.	35,637	45,712	57,730	60,203	56,537	53,760	64,661	211	21.0
Houston, Tex.	27,557	44,633	78,800	138,276	292,352	384,514	596,163	14	160.0
Huntington, W. Va.	10,108	11,923	31,161	50,177	75,572	78,836	86,353	130	14.0
Indianapolis, Ind.	105,436	169,164	233,650	314,194	364,161	386,972	427,173	23	55.2
Irvington, N. J.		5,255	11,877	25,480	55,733	55,328	59,201	197	3.1
Jackson, Mich.	20,798	25,180	31,433	48,374	55,187	49,656	51,088	228	10.2
Jackson, Miss.	5,920	7,816	21,262	22,817	48,292	62,107	98,271	110	27.0
Jacksonville, Fla.	17,201	28,429	57,699	91,558	129,549	173,065	204,517	49	30.2
Jersey City, N. J.	163,003	206,433	267,779	298,103	316,715	301,173	299,017	37	13.0
Johnstown, Pa.	21,805	35,936	55,482	67,327	66,993	66,968	63,232	189	5.6
Joliet, Ill.	23,264	29,353	34,670	38,442	42,993	42,305	51,601	202	7.7
Kalamazoo, Mich.	17,853	24,404	39,437	48,487	54,786	54,097	57,704	203	8.8
Kansas City, Kans.	38,316	51,418	82,331	101,177	121,857	121,458	129,553	76	18.7
Kansas City, Mo.	132,716	163,752	248,381	324,410	399,746	399,178	456,622	20	80.6
Kenosha, Wis.	6,532	11,606	21,371	40,472	50,262	48,765	54,368	212	7.6
Knoxville, Tenn.	22,535	32,637	36,346	77,818	105,802	111,580	124,769	83	25.4
Lakewood, Ohio		3,355	15,181	41,732	70,509	69,660	68,071	171	5.6
Lancaster, Pa.	32,011	41,450	47,227	53,150	59,949	61,345	63,774	178	4.3
Lansing, Mich.	13,102	16,485	31,229	57,327	78,397	78,753	92,129	121	14.1
Laredo, Tex.	11,319	13,429	14,855	22,710	32,618	39,274	51,910	221	13.5
Lawrence, Mass.	44,654	62,559	85,892	94,270	85,068	84,323	80,536	140	6.7
Lexington, Ky.	21,567	26,360	35,099	41,534	45,736	49,304	55,534	209	5.7
Lima, Ohio	15,981	21,723	30,508	41,326	42,287	44,711	50,246	231	7.7
Lincoln, Nebr.	55,154	40,169	43,973	54,948	75,933	81,984	98,884	109	23.8
Little Rock, Ark.	25,874	38,307	45,941	65,142	81,679	88,039	102,213	105	21.0
Long Beach, Calif.	564	2,252	17,809	55,593	142,032	164,271	250,767	41	34.7
Lorain, Ohio	4,863	16,028	28,883	37,295	44,512	44,125	51,202	226	11.0
Los Angeles, Calif.	50,395	102,479	319,198	576,673	1,238,048	1,504,277	1,970,358	4	450.9
Louisville, Ky.	161,129	204,731	223,928	234,891	307,745	319,077	339,129	30	39.9
Lowell, Mass.	77,696	94,969	106,294	112,759	100,234	101,389	97,249	111	12.9
Lubbock, Tex.			1,938	4,051	20,520	31,853	71,747	163	17.0
Lynn, Mass.	55,727	68,513	89,336	99,148	102,320	98,123	99,738	107	10.4
Macon, Ga.	22,746	29,272	40,665	52,995	53,829	57,865	70,252	169	12.0
Madison, Wis.	13,426	19,164	25,531	38,378	57,899	67,447	96,056	114	15.4
Malden, Mass.	23,031	33,664	44,404	49,103	58,036	58,010	59,804	195	4.8
Manchester, N. H.	44,126	56,987	70,063	78,384	76,834	77,685	82,732	134	32.1
Maneessport, Pa.	20,741	34,227	42,694	46,781	54,632	55,355	51,602	223	3.5
Medford, Mass.	11,079	18,244	23,150	39,038	59,714	63,083	66,113	178	8.1
Memphis, Tenn.	64,495	102,320	131,105	162,351	253,143	292,942	395,000	25	104.2
Miami, Fla.		1,681	5,471	29,571	110,637	172,172	249,276	42	34.2
Milwaukee, Wis.	204,468	285,315	373,857	457,147	578,249	587,472	637,392	13	50.0
Minneapolis, Minn.	164,738	202,718	301,408	380,582	464,356	492,370	521,718	17	53.8
Mobile, Ala.	31,076	38,469	51,521	60,777	68,202	78,720	129,009	77	25.4
Montgomery, Ala.	21,883	30,346	38,136	43,464	66,079	78,084	106,525	100	26.1
Mount Vernon, N. Y.	10,830	21,228	30,910	42,726	61,499	67,362	71,899	162	4.1
Muncie, Ind.	11,345	20,942	24,005	36,524	46,548	49,320	58,479	200	10.0
Nashville, Tenn.	76,168	80,865	110,364	118,342	153,866	167,402	174,307	56	22.6
Newark, N. J.	181,830	240,070	347,469	414,524	442,337	420,760	438,776	21	23.0
New Bedford, Mass.	40,733	62,442	96,652	121,217	112,697	110,941	109,189	96	19.1
New Britain, Conn.	16,519	25,998	43,916	59,316	68,128	68,685	73,726	156	13.7
New Haven, Conn.	86,045	108,027	133,605	162,537	162,655	160,606	164,443	59	17.9
New Orleans, La.	242,639	287,104	330,075	387,219	494,537	494,537	570,445	16	199.4
New Rochelle, N. Y.	8,217	14,720	28,867	36,213	54,000	58,408	59,725	196	9.9
Newton, Mass.	24,379	33,587	39,806	46,054	65,276	69,873	81,944	136	17.3

# PRINCIPAL CITIES

19

NO. 13.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950, 1890 TO 1950, AND AREA, 1950—Continued

CITY	1890	1900	1910	1920	1930	1940	1950		
							Popula- tion	Rank order	Area (sq. mi.)
New York, N. Y. <sup>4</sup> .....	2,507,414	3,437,202	4,766,883	5,620,048	6,930,446	7,454,995	7,891,957	1	315.1
Bronx Borough.....	88,908	200,507	430,980	732,016	1,265,258	1,394,711	1,451,277	-----	43.4
Brooklyn Borough.....	838,547	1,166,582	1,634,351	2,018,356	2,560,401	2,698,285	2,738,175	-----	76.1
Manhattan Borough.....	1,441,216	1,850,093	2,331,542	2,284,103	1,867,312	1,889,924	1,960,101	-----	22.3
Queens Borough.....	87,050	152,999	284,041	409,042	1,079,129	1,297,634	1,550,849	-----	113.0
Richmond Borough.....	51,693	67,021	85,969	116,531	158,346	174,441	191,555	-----	60.3
Niagara Falls, N. Y.....	5,502	19,457	30,445	50,760	75,460	78,029	90,872	125	12.7
Norfolk, Va.....	34,871	46,624	67,452	115,777	129,710	144,332	213,513	48	28.2
Oakland, Calif.....	48,892	66,960	150,174	216,261	284,063	302,163	384,575	27	53.0
Oak Park, Ill.....	-----	-----	19,444	39,858	63,982	66,015	63,520	188	4.7
Ogden, Utah.....	14,889	16,313	25,580	32,804	40,272	43,688	57,112	206	16.6
Oklahoma City, Okla.....	4,161	10,037	64,205	91,295	185,589	204,424	243,504	45	60.8
Omaha, Nebr. <sup>4</sup> .....	140,452	102,555	124,096	191,601	214,006	223,844	251,117	40	40.7
Orlando, Fla.....	2,856	2,451	3,894	9,282	27,330	36,736	52,367	219	14.1
Pasadena, Calif.....	4,882	9,117	30,291	45,354	70,086	81,864	104,577	101	21.3
Passaic, N. J.....	13,028	27,777	54,773	63,841	62,959	61,394	57,702	204	3.1
Patterson, N. J.....	78,347	105,171	125,600	135,875	138,513	139,656	159,336	66	8.1
Pawtucket, R. I.....	27,633	39,231	51,622	64,248	77,149	75,797	81,436	138	8.6
Peoria, Ill.....	41,624	56,100	66,950	76,121	104,969	105,087	111,556	93	12.9
Philadelphia, Pa.....	1,046,964	1,293,697	1,549,008	1,823,779	1,950,961	1,931,334	2,071,605	3	127.2
Phoenix, Ariz.....	3,152	5,544	11,134	29,053	48,118	65,414	106,818	98	17.1
Pittsburgh, Pa.....	*238,617	*321,616	533,905	588,343	699,817	671,659	676,806	12	54.2
Pittsfield, Mass.....	17,281	21,766	32,121	41,763	49,677	40,684	53,348	214	40.9
Pontiac, Mich.....	6,200	9,769	14,532	34,273	64,928	66,626	73,081	157	19.8
Port Arthur, Tex.....	-----	9,900	7,063	22,251	50,902	46,140	57,550	205	12.2
Portland, Maine.....	36,425	50,145	58,571	69,272	70,810	73,643	77,634	148	21.6
Portland, Oreg.....	46,385	90,426	207,214	258,288	301,815	305,394	373,628	29	64.1
Portsmouth, Va.....	13,208	17,427	33,190	54,387	45,704	50,745	80,030	141	10.2
Providence, R. I.....	132,146	175,597	224,326	237,595	252,981	253,504	248,674	43	17.9
Pueblo, Colo.....	24,558	28,157	*41,747	43,050	50,096	52,162	63,685	187	10.6
Quincy, Mass.....	16,723	23,899	32,642	47,876	71,983	75,810	83,835	133	16.8
Racine, Wis.....	21,014	29,102	38,002	58,593	67,542	67,195	71,193	167	9.2
Raleigh, N. C.....	12,678	13,643	19,218	24,418	37,379	46,897	65,679	180	11.0
Reading, Pa.....	58,601	78,961	96,071	107,784	111,171	110,568	109,320	95	8.8
Richmond, Calif.....	-----	6,802	16,843	20,093	23,642	99,545	108	14.5	
Richmond, Va.....	81,888	85,050	127,628	171,667	182,920	193,042	230,310	46	37.1
Roanoke, Va.....	16,159	21,495	34,874	50,842	69,206	69,287	91,921	122	26.5
Rochester, N. Y.....	133,896	162,608	218,149	295,750	328,132	324,975	332,488	32	36.0
Rockford, Ill.....	23,584	31,051	45,401	65,651	85,864	84,637	92,927	110	14.0
Sacramento, Calif.....	26,386	29,232	44,696	65,908	93,750	105,958	137,572	67	16.9
Saginaw, Mich.....	46,322	42,345	50,510	61,903	80,715	82,794	92,918	120	16.6
St. Joseph, Mo.....	52,324	102,979	77,403	77,939	80,935	75,711	78,588	145	14.1
St. Louis, Mo.....	451,770	575,238	687,029	772,897	821,960	816,048	856,796	8	61.0
St. Paul, Minn.....	133,156	163,065	214,744	234,698	271,606	287,736	311,340	35	52.2
St. Petersburg, Fla.....	273	1,576	4,127	14,237	40,425	60,812	96,738	113	52.2
Salt Lake City, Utah.....	44,843	53,531	92,777	118,110	140,267	149,934	182,121	52	53.9
San Angelo, Tex.....	-----	-----	10,321	10,050	25,308	25,802	52,093	220	28.8
San Antonio, Tex.....	37,673	53,321	96,614	161,379	231,542	253,584	408,442	25	69.5
San Bernardino, Calif.....	4,012	6,150	12,779	18,721	37,481	43,646	63,058	190	19.5
San Diego, Calif.....	16,159	17,700	39,578	74,361	147,995	203,341	334,387	31	99.4
San Francisco, Calif.....	298,997	342,782	416,912	506,676	634,394	634,536	775,357	11	44.6
San Jose, Calif.....	18,060	21,500	28,946	39,642	57,651	68,457	95,280	116	17.0
Santa Monica, Calif.....	1,580	3,057	7,847	15,252	37,146	53,500	71,595	164	8.0
Savannah, Ga.....	43,189	54,244	65,064	83,252	85,024	95,996	119,038	87	14.6
Schenectady, N. Y.....	19,902	31,682	72,826	88,723	95,692	87,549	91,785	123	10.2
Scranton, Pa.....	5,215	102,026	129,867	137,783	143,433	140,404	125,536	82	24.9
Seattle, Wash.....	42,837	80,671	237,194	315,312	365,583	368,302	467,591	19	70.8
Shreveport, La.....	11,979	16,013	28,015	43,874	76,655	98,167	127,206	80	24.0
Sioux City, Iowa.....	37,806	33,111	47,828	71,227	79,183	82,364	83,991	132	45.0
Sioux Falls, S. Dak.....	-----	-----	14,094	25,202	33,362	40,832	52,696	217	12.7
Somerville, Mass.....	40,152	61,643	77,236	93,091	103,908	102,177	102,351	104	4.1
South Bend, Ind.....	21,819	35,999	53,684	70,983	104,193	101,268	115,911	89	20.2
South Gate, Calif.....	-----	-----	-----	-----	19,632	26,945	51,116	227	7.0
Spokane, Wash.....	19,922	36,848	104,402	104,437	115,514	122,001	161,721	62	41.5
Springfield, Ill.....	24,963	34,159	51,678	59,183	71,864	75,503	81,628	137	10.4
Springfield, Mass.....	44,179	62,059	88,926	129,614	149,904	149,554	162,399	61	31.7
Springfield, Mo.....	21,850	23,267	35,201	39,631	57,527	61,238	66,731	174	13.6
Springfield, Ohio.....	31,895	38,253	40,921	60,840	68,743	70,662	78,508	147	12.1
Stamford, Conn.....	10,396	15,997	25,138	35,096	46,346	47,938	74,293	154	37.6
Stockton, Calif.....	14,424	17,506	23,253	40,296	47,963	54,714	70,853	168	11.8
Syracuse, N. Y.....	88,143	108,374	137,249	171,717	209,326	205,967	220,583	47	25.3

For footnotes, see p. 20.

**No. 13.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950,  
1890 TO 1950, AND AREA, 1950—Continued**

CITY	1890	1900	1910	1920	1930	1940	1950		
							Popula- tion	Rank order	Area (sq. mi.)
Tacoma, Wash.	36,006	37,714	83,743	96,965	106,817	109,408	143,673	65	47.9
Tampa, Fla.	5,532	15,839	37,782	51,608	101,161	108,391	124,681	84	19.0
Terre Haute, Ind.	30,217	36,673	58,157	66,083	62,810	62,693	64,214	185	12.2
Toledo, Ohio	81,434	131,822	168,497	243,164	290,718	282,349	303,616	36	38.3
Topeka, Kans.	31,007	33,608	43,684	50,022	64,120	67,833	78,791	144	12.5
Trenton, N. J.	57,458	73,307	96,815	119,289	123,356	124,697	128,009	79	7.2
Troy, N. Y.	60,956	60,651	76,813	71,996	72,763	70,304	72,311	160	9.3
Tulsa, Okla.		1,390	18,182	72,075	141,258	142,157	182,740	51	26.7
Union City, N. J. <sup>1</sup>	10,643	15,187	21,023	20,651	58,659	56,173	55,637	208	1.3
Utica, N. Y.	44,007	56,383	74,419	94,156	101,740	100,518	101,631	106	15.8
Waco, Tex.	14,445	20,686	20,425	38,590	52,848	55,982	84,706	131	26.0
Washington, D. C. <sup>2</sup>	188,932	278,718	331,069	437,571	486,869	663,091	802,178	9	61.4
Waterbury, Conn.	28,646	45,859	73,141	91,715	99,902	99,314	104,477	103	27.6
Waterloo, Iowa	6,674	12,580	26,693	36,230	46,191	51,743	65,198	181	31.3
Wheeling, W. Va.	34,522	38,878	41,641	56,208	61,659	61,099	58,891	199	10.4
Wichita, Kans.	23,853	24,071	52,450	72,217	111,110	114,906	168,279	58	25.7
Wichita Falls, Tex.	1,987	2,480	8,200	40,079	43,690	45,112	68,042	172	14.1
Wilkes-Barre, Pa.	37,718	51,721	67,105	73,833	86,626	86,236	76,826	151	6.9
Wilmington, Del.	61,431	76,508	87,411	110,168	106,697	112,504	110,356	94	9.8
Winston-Salem, N. C.	10,729	13,650	22,700	48,395	75,274	79,815	87,811	127	18.8
Woonsocket, R. I.	20,830	28,204	36,125	43,496	49,376	49,303	50,211	232	8.6
Worcester, Mass.	84,655	118,421	145,986	179,754	195,311	193,694	205,486	50	37.0
Yonkers, N. Y.	52,033	47,931	79,803	100,176	134,646	142,698	152,798	64	17.2
York, Pa.	20,793	33,708	44,760	47,512	55,254	56,712	59,953	194	4.2
Youngstown, Ohio	33,220	44,885	79,068	132,358	170,002	167,720	168,330	57	32.8

<sup>1</sup> Bethlehem and South Bethlehem boroughs consolidated as Bethlehem city between 1910 and 1920. Combined population, 1890, 19,823; 1900, 23,999; 1910, 32,810. <sup>2</sup> Population prior to incorporation.

<sup>3</sup> Estimated.

<sup>4</sup> Population shown is for New York City as now constituted.

<sup>5</sup> Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1890, 148,514; 1900, 128,556; 1910, 150,355.

<sup>6</sup> Allegheny city annexed to Pittsburgh in 1907. Combined population, 1890, 343,904; 1900, 451,512.

<sup>7</sup> Corrected figure; exclusive of population (2,648) of certain territory outside city limits.

<sup>8</sup> Union and West Hoboken towns consolidated as Union City in 1925. Combined population, 1900, 38,281; 1910, 56,426; 1920, 60,725.

<sup>9</sup> Population shown for 1900 through 1950 is for District of Columbia, with which the city has been considered coextensive since 1895.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

**No. 14.—NUMBER OF PLACES IN URBAN AND RURAL TERRITORY, BY SIZE OF PLACE:  
1860 TO 1950**

[For description of old and new urban definitions, see p. 2. See also *Historical Statistics, 1789-1945*, series B 145-159]

CLASS AND SIZE	1860	1880	1900	1910	1920	1930	1940	1950	
								Old urban defini- tion	New urban defini- tion
Urban territory	392	939	1,737	2,262	2,722	3,165	3,464	4,023	4,741
Places of 1,000,000 or more		1	3	3	3	5	5	5	5
Places of 500,000 to 1,000,000	2	3	3	5	9	8	9	13	13
Places of 250,000 to 500,000	1	4	9	11	13	24	23	23	23
Places of 100,000 to 250,000	6	12	23	31	43	56	55	66	66
Places of 50,000 to 100,000	7	15	40	59	76	98	107	128	126
Places of 25,000 to 50,000	19	42	82	119	143	185	213	271	252
Places of 10,000 to 25,000	58	146	280	369	465	606	605	814	778
Places of 5,000 to 10,000	136	249	465	605	715	851	965	1,133	1,170
Places of 2,500 to 5,000	163	467	832	1,060	1,255	1,332	1,422	1,570	1,846
Places under 2,500									467
Rural territory			8,931	11,830	12,855	13,433	13,288	13,235	13,807
Places of 1,000 to 2,500			2,128	2,717	3,030	3,087	3,205	3,408	4,158
Places under 1,000			6,803	9,113	9,825	10,346	10,083	9,827	9,640

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

# No. 15.—POPULATION IN URBAN AND RURAL TERRITORY, BY SIZE OF PLACE: 1790 TO 1950

[For description of old and new definitions, see p. 2. See also *Historical Statistics, 1789-1945*, series B 145-159]

CLASS AND SIZE	1790	1800	1820	1840	1860	1880	1900
<b>POPULATION</b>							
United States.....	3,929,214	5,308,483	9,638,453	17,069,453	31,443,321	50,155,783	75,994,575
Urban territory.....	201,655	322,371	693,255	1,845,055	6,216,518	14,129,735	30,159,921
Places of 1,000,000 or more.....					1,379,198	1,206,299	6,429,474
Places of 500,000 to 1,000,000.....					266,661	1,917,018	1,645,087
Places of 250,000 to 500,000.....				312,710	992,922	1,300,809	2,861,296
Places of 100,000 to 250,000.....			123,706	204,506	670,293	1,786,783	3,272,490
Places of 50,000 to 100,000.....		60,515	126,540	187,048	452,060	947,918	2,709,338
Places of 25,000 to 50,000.....	61,653	67,734	70,474	235,424	670,293	1,446,366	2,800,627
Places of 10,000 to 25,000.....	48,182	54,479	121,613	404,822	884,433	2,189,447	4,338,250
Places of 5,000 to 10,000.....	47,569	94,394	155,035	328,744	976,436	1,717,146	3,204,195
Places of 2,500 to 5,000.....	44,251	45,249	95,887	171,801	594,515	1,617,949	2,899,164
Rural territory.....	3,727,559	4,986,112	8,945,198	15,224,398	25,226,803	36,026,048	45,834,654
Places of 1,000 to 2,500.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3,298,054
<b>PERCENT OF TOTAL POPULATION</b>							
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Urban territory.....	5.1	6.1	7.2	10.8	19.8	28.2	39.7
Places of 1,000,000 or more.....						2.4	8.5
Places of 500,000 to 1,000,000.....					4.4	3.8	2.2
Places of 250,000 to 500,000.....				1.8	0.8	2.6	3.8
Places of 100,000 to 250,000.....			1.3	1.2	3.2	3.6	4.3
Places of 50,000 to 100,000.....		1.1	1.3	1.1	1.4	1.9	3.6
Places of 25,000 to 50,000.....	1.6	1.3	0.7	1.4	2.1	2.9	3.7
Places of 10,000 to 25,000.....	1.2	1.0	1.3	2.4	2.8	4.4	5.7
Places of 5,000 to 10,000.....	1.2	1.8	1.6	1.9	3.1	3.4	4.2
Places of 2,500 to 5,000.....	1.1	0.9	1.0	1.0	1.9	3.2	3.8
Rural territory.....	94.9	93.9	92.8	89.2	80.2	71.8	60.3
Places of 1,000 to 2,500.....							4.3

CLASS AND SIZE	1910	1920	1930	1940	1950	
					Old urban definition	New urban definition
<b>POPULATION</b>						
United States.....	31,972,266	105,710,620	122,775,046	131,669,275	150,697,361	150,697,361
Urban territory.....	41,998,932	54,157,973	68,954,823	74,423,702	88,927,464	2 96,467,686
Places of 1,000,000 or more.....	8,501,174	10,145,532	15,064,555	15,910,866	17,404,450	17,404,450
Places of 500,000 to 1,000,000.....	3,010,667	6,223,769	5,763,987	6,466,959	9,186,945	9,186,945
Places of 250,000 to 500,000.....	3,949,839	4,540,838	7,956,228	7,827,514	8,241,560	8,241,560
Places of 100,000 to 250,000.....	4,840,458	6,519,187	7,640,966	7,792,650	9,614,111	9,478,662
Places of 50,000 to 100,000.....	4,178,915	5,265,408	6,491,448	7,343,917	9,073,363	8,930,823
Places of 25,000 to 50,000.....	4,023,397	5,075,041	6,425,693	7,417,093	9,495,862	8,807,721
Places of 10,000 to 25,000.....	5,548,868	7,034,668	9,097,200	9,966,898	12,467,229	11,866,505
Places of 5,000 to 10,000.....	4,217,420	4,967,625	5,897,156	6,681,894	7,878,675	8,138,596
Places of 2,500 to 5,000.....	3,728,194	4,385,905	4,717,590	5,025,911	5,565,269	6,490,406
Rural territory.....	49,973,334	51,552,647	53,820,223	57,245,573	61,769,897	54,229,675
Places of 1,000 to 2,500.....	4,234,406	4,712,007	4,820,707	5,026,834	5,382,637	6,473,315
<b>PERCENT OF TOTAL POPULATION</b>						
United States.....	100.0	100.0	100.0	100.0	100.0	100.0
Urban territory.....	45.7	51.2	56.2	56.5	59.0	2 64.0
Places of 1,000,000 or more.....	9.2	9.6	12.3	12.1	11.5	11.5
Places of 500,000 to 1,000,000.....	3.3	5.9	4.7	4.9	6.1	6.1
Places of 250,000 to 500,000.....	4.3	4.3	6.5	5.9	5.5	5.5
Places of 100,000 to 250,000.....	5.3	6.2	6.1	5.9	6.4	6.3
Places of 50,000 to 100,000.....	4.5	5.0	5.3	5.6	6.0	5.9
Places of 25,000 to 50,000.....	4.4	4.8	5.2	5.6	6.3	5.8
Places of 10,000 to 25,000.....	6.0	6.7	7.4	7.6	8.3	7.9
Places of 5,000 to 10,000.....	4.6	4.7	4.8	5.1	5.2	5.4
Places of 2,500 to 5,000.....	4.1	4.1	3.8	3.8	3.7	4.3
Rural territory.....	54.3	48.8	43.8	43.5	41.0	36.0
Places of 1,000 to 2,500.....	4.6	4.5	3.9	3.8	3.6	4.3

<sup>1</sup> Not returned separately.

<sup>2</sup> Includes population of places under 2,500 (577,992) and unincorporated parts of urbanized areas (7,344,026).

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

## No. 16.—SUMMARY OF POPULATION CHARACTERISTICS: 1790 TO 1950

[See also *Historical Statistics, 1789-1945*, series B 13-23, and B 72-80]

YEAR	SEX		RACE			RESIDENCE		MEDIAN AGE	
	Male	Female	White	Negro	Other	Urban	Rural	All classes	White
1790.....			3,172,006	757,208	-----	201,655	3,727,559	-----	-----
1800.....			4,306,446	1,002,037	-----	322,371	4,986,112	-----	16.0
1810.....			5,882,073	1,377,808	-----	525,459	6,714,422	-----	16.0
1820.....	4,896,605	4,741,848	7,866,797	1,771,656	-----	693,255	8,945,198	-----	16.7
1830.....	6,532,489	6,333,531	10,537,378	2,328,642	-----	1,127,247	11,738,773	-----	17.2
1840.....	8,688,532	8,380,921	14,195,805	2,873,648	-----	1,845,055	15,224,398	-----	17.8
1850.....	11,837,660	11,354,216	19,553,068	3,638,808	-----	3,543,716	19,648,160	-----	18.9
1860.....	16,085,204	15,358,117	26,922,537	4,441,830	78,994	6,216,518	25,226,803	-----	19.4
1870.....	19,493,565	19,064,806	33,589,377	4,880,009	88,985	9,902,361	28,656,010	-----	20.2
1880.....	26,518,820	24,636,963	43,402,970	6,580,793	172,020	14,129,735	36,026,048	-----	20.9
1890.....	32,237,101	30,710,613	55,101,258	7,488,676	357,780	22,106,265	40,841,449	22.0	22.5
1900.....	38,816,448	37,173,127	66,809,196	8,833,994	351,385	30,159,921	45,834,654	22.9	23.4
1910.....	47,332,277	44,639,989	81,731,957	9,827,763	412,546	41,998,932	49,973,334	24.1	24.5
1920.....	53,900,431	51,810,189	94,820,915	10,463,131	426,674	54,157,973	51,562,647	25.3	25.6
1930.....	62,137,060	60,637,966	110,286,740	11,891,143	597,163	68,954,823	53,820,223	26.5	26.9
1940.....	66,061,592	65,607,683	118,214,870	12,865,518	588,887	74,423,702	57,245,573	29.0	29.5
1950.....	74,833,239	75,864,122	134,942,028	16,042,286	713,047	96,467,086	54,229,675	30.2	30.8

<sup>1</sup> New definition; old definition: urban, 88,927,464, and rural, 61,769,897. For explanation of change, see p. 2.Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, *Population*, Vol. II; Sixteenth Census Reports, *Population*, Vol. II, Part I, and Vol. IV, Part I, and *U. S. Census of Population: 1950*, Vol. II, Part I.

## No. 17.—SEX RATIO OF THE POPULATION, BY AGE GROUPS, 1900 TO 1957, AND BY COLOR, 1957

[Ratio represents number of males per 100 females. Figures for 1900-1950 based on complete census returns; beginning 1955 they are estimates as of July 1]

AGE	1900	1910	1920	1930	1940	1950 <sup>1</sup>	1955 <sup>1</sup>	1956 <sup>1</sup>	1957 <sup>1</sup>		
									Total	White	Non-white
All ages.....	104.4	106.0	104.0	102.5	100.7	99.2	98.5	98.4	98.2	98.6	95.6
Under 15 years.....	102.1	102.2	102.1	102.6	103.0	103.7	104.0	104.0	104.1	104.6	100.6
15 to 24 years.....	98.1	101.0	96.8	97.9	98.5	99.9	101.9	101.9	102.0	102.5	98.3
25 to 44 years.....	108.8	110.2	105.1	101.8	98.5	97.1	96.5	96.6	96.7	97.7	88.8
45 to 64 years.....	110.7	114.4	115.2	109.1	105.2	100.0	96.7	96.1	95.6	95.6	94.8
65 and over.....	102.0	101.1	101.3	100.5	95.5	89.7	86.7	85.7	84.8	84.3	91.8

<sup>1</sup> Includes Armed Forces overseas.<sup>2</sup> Includes figures for "age not reported."Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 101, 170, and records.

## No. 18.—PERSONS REACHING SELECTED AGES: 1930 TO 1957

[In thousands]

YEAR	6 years	14 years	18 years	21 years	65 years	Male, 65 years	Female, 62 years
ANNUAL AVERAGE							
1930 to 1940.....	2,290	2,443	2,308	2,291	758	386	429
1940 to 1950.....	2,300	2,235	2,341	2,373	985	490	550
1950 to 1957.....	3,360	2,409	2,172	2,171	1,176	576	677
YEAR (July 1 to June 30)							
1950 to 1951.....	2,724	2,161	2,087	2,267	1,120	554	630
1951 to 1952.....	2,751	2,253	2,065	2,243	1,135	562	646
1952 to 1953.....	3,802	2,294	2,152	2,169	1,151	569	662
1953 to 1954.....	3,530	2,290	2,167	2,097	1,172	575	678
1954 to 1955.....	3,537	2,392	2,170	2,074	1,196	582	694
1955 to 1956.....	3,517	2,555	2,261	2,162	1,219	590	708
1956 to 1957.....	3,656	2,918	2,303	2,180	1,242	597	722

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 170.



**No. 19.—POPULATION, URBAN AND RURAL, BY STATES AND OTHER AREAS:  
1920 TO 1950**

[In thousands. For explanation of old and new urban definitions, see p. 2]

STATE OR OTHER AREA	OLD URBAN DEFINITION								1950, NEW URBAN DEFINITION			
	1920		1930		1940		1950		Urban	Rural		
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural		Total	Non- farm	Farm
<b>Cont. U. S.</b>	<b>54,158</b>	<b>51,553</b>	<b>68,955</b>	<b>53,820</b>	<b>74,424</b>	<b>57,246</b>	<b>88,927</b>	<b>61,770</b>	<b>96,468</b>	<b>54,230</b>	<b>31,181</b>	<b>23,048</b>
<b>New England..</b>	<b>5,620</b>	<b>1,781</b>	<b>6,312</b>	<b>1,854</b>	<b>6,421</b>	<b>2,017</b>	<b>6,923</b>	<b>2,392</b>	<b>7,102</b>	<b>2,213</b>	<b>1,810</b>	<b>403</b>
Maine.....	300	468	322	476	343	504	375	539	472	442	320	122
New Hamp.....	250	193	273	192	283	208	301	232	307	226	179	47
Vermont.....	110	242	119	241	123	236	138	240	138	240	159	81
Massachusetts..	3,469	383	3,831	418	3,859	457	4,122	568	3,959	731	651	80
Rhode Island..	555	49	635	52	653	60	700	91	667	125	114	10
Connecticut....	936	444	1,132	475	1,158	551	1,287	720	1,559	449	386	63
<b>Mid. Atlantic..</b>	<b>16,783</b>	<b>5,478</b>	<b>20,395</b>	<b>5,866</b>	<b>21,148</b>	<b>6,392</b>	<b>22,644</b>	<b>7,820</b>	<b>24,272</b>	<b>5,892</b>	<b>4,504</b>	<b>1,388</b>
New York.....	8,589	1,707	10,522	2,066	11,166	2,313	11,839	2,941	12,682	2,148	1,570	578
New Jersey....	2,522	633	3,339	702	3,395	765	3,848	988	4,186	649	544	105
Pennsylvania..	5,672	3,048	6,534	3,098	6,587	3,313	6,907	3,591	7,403	3,095	2,390	705
<b>E. N. Central..</b>	<b>13,050</b>	<b>8,425</b>	<b>16,795</b>	<b>8,502</b>	<b>17,444</b>	<b>9,182</b>	<b>19,983</b>	<b>10,417</b>	<b>21,186</b>	<b>9,214</b>	<b>5,510</b>	<b>3,703</b>
Ohio.....	3,677	2,082	4,507	2,139	4,613	2,295	5,273	2,673	5,578	2,368	1,515	853
Indiana.....	1,483	1,448	1,796	1,443	1,888	1,540	2,217	1,717	2,367	1,577	910	667
Illinois.....	4,404	2,082	5,636	1,995	5,810	2,088	6,487	2,226	6,769	1,953	1,190	763
Michigan.....	2,242	1,427	3,302	1,540	3,455	1,801	4,099	2,273	4,503	1,869	1,174	695
Wisconsin.....	1,245	1,387	1,554	1,385	1,679	1,458	1,906	1,528	1,988	1,447	721	725
<b>W. N. Central..</b>	<b>4,726</b>	<b>7,818</b>	<b>5,556</b>	<b>7,741</b>	<b>5,993</b>	<b>7,524</b>	<b>7,018</b>	<b>7,043</b>	<b>7,305</b>	<b>6,756</b>	<b>3,027</b>	<b>3,729</b>
Minnesota.....	1,052	1,336	1,258	1,306	1,390	1,402	1,607	1,375	1,625	1,358	618	740
Iowa.....	875	1,529	979	1,402	1,084	1,454	1,229	1,392	1,251	1,370	587	883
Missouri.....	1,587	1,817	1,859	1,770	1,961	1,824	2,290	1,665	2,433	1,522	658	763
N. Dakota.....	88	559	113	568	132	510	165	455	165	455	200	254
S. Dakota.....	102	535	131	562	158	485	216	437	217	436	182	254
Nebraska.....	405	891	486	892	514	802	607	719	622	704	312	391
Kansas.....	610	1,153	730	1,151	754	1,047	903	1,002	993	912	468	444
<b>South Atlantic.</b>	<b>4,336</b>	<b>9,654</b>	<b>5,698</b>	<b>10,095</b>	<b>6,922</b>	<b>10,901</b>	<b>8,997</b>	<b>12,185</b>	<b>10,391</b>	<b>10,791</b>	<b>6,158</b>	<b>4,633</b>
Delaware.....	121	102	123	115	139	127	148	170	199	119	85	34
Maryland.....	869	580	975	687	1,080	741	1,275	1,068	1,616	727	544	183
Dist. of Col....	438		487		663		802		802			
Virginia.....	674	1,635	786	1,636	945	1,733	1,336	1,983	1,560	1,759	1,027	732
W. Virginia....	369	1,095	492	1,238	534	1,368	641	1,365	694	1,311	900	411
N. Carolina....	490	2,069	810	2,360	974	2,597	1,238	2,824	1,368	2,694	1,317	1,377
S. Carolina....	294	1,390	371	1,368	466	1,434	609	1,508	778	1,339	638	701
Georgia.....	728	2,168	805	2,013	1,074	2,050	1,382	2,063	1,559	1,885	923	962
Florida.....	354	615	760	708	1,046	852	1,567	1,205	1,814	957	725	233
<b>E. S. Central..</b>	<b>1,994</b>	<b>6,899</b>	<b>2,779</b>	<b>7,109</b>	<b>3,165</b>	<b>7,613</b>	<b>4,080</b>	<b>7,397</b>	<b>4,485</b>	<b>6,992</b>	<b>2,944</b>	<b>4,048</b>
Kentucky.....	634	1,783	799	1,816	849	1,996	986	1,959	1,084	1,861	887	974
Tennessee.....	611	1,727	897	1,720	1,027	1,889	1,264	2,028	1,453	1,839	823	1,016
Alabama.....	509	1,839	744	1,902	856	1,977	1,228	1,834	1,341	1,721	760	960
Mississippi....	240	1,550	339	1,671	433	1,751	602	1,577	607	1,572	475	1,097
<b>W. S. Central..</b>	<b>2,969</b>	<b>7,273</b>	<b>4,427</b>	<b>7,749</b>	<b>5,203</b>	<b>7,861</b>	<b>7,701</b>	<b>6,837</b>	<b>8,080</b>	<b>6,458</b>	<b>3,243</b>	<b>3,215</b>
Arkansas.....	290	1,462	383	1,472	432	1,517	617	1,292	631	1,279	477	802
Louisiana.....	628	1,170	834	1,208	980	1,383	1,364	1,320	1,472	1,212	644	567
Oklahoma.....	538	1,400	822	1,574	880	1,467	1,107	1,126	1,139	1,094	541	553
Texas.....	1,513	3,151	2,389	3,435	2,911	8,503	4,613	3,099	4,838	2,873	1,581	1,292
<b>Mountain.....</b>	<b>1,218</b>	<b>2,118</b>	<b>1,458</b>	<b>2,244</b>	<b>1,772</b>	<b>2,378</b>	<b>2,477</b>	<b>2,598</b>	<b>2,786</b>	<b>2,289</b>	<b>1,431</b>	<b>859</b>
Montana.....	172	377	181	357	212	348	253	338	258	333	197	136
Idaho.....	119	313	130	316	177	348	234	354	253	336	171	165
Wyoming.....	57	137	70	155	94	157	145	146	145	146	89	57
Colorado.....	453	486	520	516	591	533	760	565	831	494	296	198
New Mexico....	65	295	107	317	176	355	315	367	342	339	207	132
Arizona.....	121	213	150	286	174	325	274	476	416	334	257	77
Utah.....	216	234	266	242	305	245	413	276	450	239	158	81
Nevada.....	15	62	34	57	43	67	84	76	92	68	55	13
<b>Pacific.....</b>	<b>3,460</b>	<b>2,107</b>	<b>5,535</b>	<b>2,660</b>	<b>6,356</b>	<b>3,377</b>	<b>9,106</b>	<b>5,381</b>	<b>10,862</b>	<b>3,625</b>	<b>2,554</b>	<b>1,070</b>
Washington....	743	614	885	679	922	814	1,274	1,105	1,503	876	602	274
Oregon.....	390	393	490	464	532	558	732	789	819	702	474	228
California.....	2,327	1,100	4,161	1,517	4,902	2,005	7,090	3,487	8,539	2,047	1,479	568
Alaska <sup>1</sup> .....	3	52	8	51	17	55	34	94				
Hawaii.....			198	170	264	159	345	155				
Puerto Rico....	284	1,016	427	1,117	566	1,303	895	1,316				

<sup>1</sup> 1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

## No. 20.—POPULATION, BY SEX, BY STATES: 1930, 1940, AND 1950

STATE OR OTHER AREA	1930			1940			1950		
	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males
<b>Cont. U. S. ....</b>	<b>62,137,080</b>	<b>60,637,966</b>	<b>102.5</b>	<b>66,061,592</b>	<b>65,607,683</b>	<b>100.7</b>	<b>74,833,239</b>	<b>75,864,122</b>	<b>98.6</b>
<b>New England.....</b>	<b>4,024,657</b>	<b>4,141,684</b>	<b>97.2</b>	<b>4,154,760</b>	<b>4,282,530</b>	<b>97.0</b>	<b>4,553,770</b>	<b>4,760,683</b>	<b>95.7</b>
Maine.....	401,285	396,138	101.3	425,821	421,405	101.0	454,145	459,629	98.8
New Hampshire.....	231,759	233,534	99.2	244,900	240,615	99.3	262,424	270,818	96.0
Vermont.....	183,266	176,345	103.9	182,224	177,007	102.9	187,754	189,993	98.8
Massachusetts.....	2,071,672	2,177,942	95.1	2,102,479	2,214,242	95.0	2,270,867	2,420,147	93.8
Rhode Island.....	335,372	352,125	95.2	340,404	363,942	96.0	390,883	401,313	97.3
Connecticut.....	801,303	805,600	99.5	849,923	859,319	98.9	988,497	1,018,783	97.0
<b>Middle Atlantic.....</b>	<b>13,188,681</b>	<b>13,072,069</b>	<b>100.9</b>	<b>13,710,692</b>	<b>13,828,795</b>	<b>99.1</b>	<b>14,793,699</b>	<b>15,370,434</b>	<b>96.2</b>
New York.....	6,312,520	6,275,546	100.6	6,690,326	6,788,816	98.5	7,239,944	7,500,248	95.4
New Jersey.....	2,030,644	2,010,690	101.0	2,069,159	2,091,006	99.0	2,382,744	2,432,585	97.2
Pennsylvania.....	4,845,517	4,785,833	101.2	4,951,207	4,948,973	100.0	5,170,411	5,327,601	97.0
<b>E. North Central.....</b>	<b>12,904,783</b>	<b>12,392,402</b>	<b>104.1</b>	<b>13,438,325</b>	<b>13,188,017</b>	<b>101.9</b>	<b>15,145,262</b>	<b>15,254,106</b>	<b>99.3</b>
Ohio.....	3,361,141	3,285,556	102.3	3,451,072	3,440,540	100.4	3,928,534	4,018,093	97.8
Indiana.....	1,640,061	1,508,442	102.6	1,725,201	1,702,695	101.3	1,958,516	1,975,708	99.1
Illinois.....	3,873,457	3,757,197	103.1	3,957,149	3,940,092	100.4	4,319,251	4,392,925	98.3
Michigan.....	2,519,309	2,323,016	108.4	2,694,727	2,561,879	105.2	3,212,119	3,159,647	101.7
Wisconsin.....	1,510,815	1,428,191	105.8	1,600,176	1,537,411	104.1	1,726,842	1,707,733	101.1
<b>W. North Central.....</b>	<b>6,735,442</b>	<b>6,511,473</b>	<b>104.2</b>	<b>6,829,335</b>	<b>6,687,655</b>	<b>102.1</b>	<b>7,033,415</b>	<b>7,027,979</b>	<b>100.1</b>
Minnesota.....	1,316,571	1,247,382	105.5	1,427,545	1,394,755	104.6	1,501,202	1,481,275	101.3
Iowa.....	1,255,101	1,215,838	103.2	1,280,494	1,257,774	101.8	1,310,283	1,310,790	100.0
Missouri.....	1,822,866	1,806,601	100.9	1,881,252	1,903,412	98.8	1,940,863	2,013,790	96.4
North Dakota.....	359,615	321,230	111.9	335,402	306,533	109.4	322,944	296,692	108.8
South Dakota.....	363,550	329,199	110.5	332,514	310,447	107.1	337,251	315,489	106.9
Nebraska.....	706,348	671,615	105.2	665,768	650,046	102.4	667,332	658,178	101.4
Kansas.....	961,291	919,708	104.5	906,340	894,688	101.3	953,534	951,765	100.3
<b>South Atlantic.....</b>	<b>7,880,634</b>	<b>7,912,955</b>	<b>99.6</b>	<b>8,870,589</b>	<b>8,952,562</b>	<b>99.1</b>	<b>10,496,597</b>	<b>10,685,738</b>	<b>98.2</b>
Delaware.....	121,257	117,123	103.5	134,333	132,172	101.6	157,344	160,741	97.9
Maryland.....	821,009	810,517	101.3	915,038	906,206	101.0	1,166,603	1,176,398	99.2
Dist. of Col.....	231,883	254,986	90.9	317,522	345,569	91.9	377,918	424,260	89.1
Virginia.....	1,216,046	1,205,805	100.8	1,349,004	1,328,769	101.8	1,675,216	1,643,464	101.9
West Virginia.....	889,871	839,334	106.0	968,582	933,392	103.8	1,006,287	990,265	100.7
North Carolina.....	1,575,208	1,595,068	98.8	1,772,990	1,798,633	98.6	2,017,105	2,044,824	98.6
South Carolina.....	853,158	855,607	96.3	935,239	964,565	97.0	1,040,540	1,076,487	96.7
Georgia.....	1,434,627	1,473,979	97.3	1,534,758	1,588,965	96.6	1,688,667	1,755,911	96.2
Florida.....	737,675	730,536	101.0	943,123	954,291	98.8	1,306,917	1,404,388	97.3
<b>E. South Central.....</b>	<b>4,947,602</b>	<b>4,939,712</b>	<b>100.2</b>	<b>5,366,024</b>	<b>5,412,201</b>	<b>99.1</b>	<b>5,677,525</b>	<b>5,799,656</b>	<b>97.9</b>
Kentucky.....	1,322,793	1,291,796	102.4	1,435,812	1,409,815	101.8	1,474,987	1,469,819	100.4
Tennessee.....	1,804,659	1,811,997	99.4	1,445,829	1,470,012	98.4	1,623,107	1,668,611	97.3
Alabama.....	1,815,009	1,831,239	98.8	1,399,901	1,433,000	97.7	1,502,640	1,559,103	96.4
Mississippi.....	1,005,141	1,004,680	100.0	1,084,482	1,099,314	98.7	1,076,791	1,102,123	97.7
<b>W. South Central.....</b>	<b>6,186,924</b>	<b>5,989,906</b>	<b>103.3</b>	<b>6,558,293</b>	<b>6,506,232</b>	<b>100.8</b>	<b>7,249,397</b>	<b>7,288,175</b>	<b>99.5</b>
Arkansas.....	839,843	814,639	102.8	982,916	966,471	101.7	951,534	957,977	99.3
Louisiana.....	1,047,823	1,063,770	99.4	1,172,882	1,191,498	98.4	1,319,106	1,364,350	96.7
Oklahoma.....	1,235,264	1,102,776	106.1	1,181,892	1,164,542	102.4	1,115,555	1,117,796	99.8
Texas.....	2,965,994	2,858,721	103.8	3,221,103	3,193,721	100.9	3,863,142	3,848,052	100.4
<b>Mountain.....</b>	<b>1,949,798</b>	<b>1,751,991</b>	<b>111.3</b>	<b>2,149,398</b>	<b>2,000,605</b>	<b>107.4</b>	<b>2,591,918</b>	<b>2,483,080</b>	<b>104.4</b>
Montana.....	293,228	244,378	120.0	299,009	260,447	114.8	309,423	281,681	109.9
Idaho.....	237,347	207,985	114.3	270,579	248,294	111.4	303,237	285,400	106.2
Wyoming.....	124,735	100,780	123.8	135,055	115,687	116.7	154,853	135,676	114.1
Colorado.....	530,752	505,089	105.1	568,778	554,518	102.6	665,149	659,940	100.8
New Mexico.....	219,222	204,069	107.4	271,846	259,972	104.6	347,544	333,643	104.2
Arizona.....	231,304	204,269	113.2	258,170	241,091	107.1	379,059	370,528	102.3
Utah.....	259,990	247,848	104.9	278,620	271,690	102.6	347,636	341,226	101.9
Nevada.....	83,161	37,897	140.3	61,341	48,906	125.4	85,017	75,066	113.3
<b>Pacific.....</b>	<b>4,268,659</b>	<b>3,925,774</b>	<b>108.7</b>	<b>4,984,176</b>	<b>4,749,086</b>	<b>105.0</b>	<b>7,292,256</b>	<b>7,194,271</b>	<b>101.4</b>
Washington.....	826,392	737,004	112.1	905,757	850,434	109.1	1,223,851	1,155,112	106.0
Oregon.....	499,672	454,114	110.0	562,089	520,995	106.8	772,776	748,565	103.2
California.....	2,942,595	2,734,656	107.6	3,515,730	3,391,657	103.7	5,295,629	5,290,934	100.1
<b>Alaska<sup>1</sup>.....</b>	<b>35,764</b>	<b>23,514</b>	<b>152.1</b>	<b>43,003</b>	<b>29,521</b>	<b>145.7</b>	<b>79,472</b>	<b>49,171</b>	<b>161.6</b>
Hawaii.....	222,640	145,696	152.8	245,135	178,195	137.6	273,895	225,899	121.2
Puerto Rico.....	771,761	772,152	99.9	938,280	930,975	100.8	1,110,946	1,099,787	101.0

<sup>1</sup> 1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.Source: Department of Commerce, Bureau of the Census; Sixteenth Census Report, *Population*, Vol. II, and *U. S. Census of Population: 1960*, Vol. II, Parts 1 and 51-53.

## No. 21.—ESTIMATED POPULATION, BY AGE, COLOR, AND SEX: 1957

[In thousands. As of July 1. Based on adjusted 1950 Census age data. Figures represent total population including Armed Forces overseas]

AGE	ALL CLASSES			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages.....	171,229	84,858	86,371	152,464	75,688	76,776	18,766	9,170	9,595
Under 5 years.....	19,144	9,752	9,392	16,491	8,424	8,068	2,653	1,329	1,324
Under 1 year.....	3,792	1,930	1,862	3,261	1,665	1,596	530	265	266
1 and 2 years.....	7,083	3,915	3,768	6,612	3,378	3,234	1,071	536	534
3 and 4 years.....	7,669	3,907	3,762	6,618	3,380	3,238	1,062	527	524
5 to 9 years.....	17,993	9,190	8,803	15,563	7,968	7,595	2,430	1,222	1,208
10 to 14 years.....	14,988	7,643	7,345	13,196	6,746	6,449	1,792	897	895
15 to 19 years.....	11,830	6,005	5,826	10,343	5,262	5,081	1,487	743	744
20 to 24 years.....	10,753	5,399	5,355	9,434	4,751	4,684	1,319	648	671
25 to 29 years.....	11,469	5,711	5,758	10,165	5,092	5,073	1,305	619	686
30 to 34 years.....	12,298	6,021	6,277	10,979	5,405	5,575	1,319	616	703
35 to 39 years.....	12,000	5,880	6,119	10,802	5,315	5,486	1,198	565	633
40 to 44 years.....	11,341	5,550	5,791	10,209	5,020	5,189	1,132	530	602
45 to 49 years.....	10,541	5,180	5,361	9,506	4,822	4,684	1,035	496	539
50 to 54 years.....	9,170	4,512	4,658	8,308	4,090	4,218	862	421	440
55 to 59 years.....	8,033	3,913	4,119	7,329	3,568	3,761	704	346	358
60 to 64 years.....	6,921	3,334	3,687	6,395	3,320	3,320	525	258	267
65 to 69 years.....	5,542	2,643	2,899	5,167	2,459	2,707	375	183	192
70 to 74 years.....	4,196	1,939	2,256	3,930	1,811	2,119	265	128	137
75 years and over.....	5,012	2,187	2,826	4,646	2,017	2,630	366	170	196
5 years.....	3,729	1,906	1,823	3,220	1,650	1,570	509	256	253
6 to 13 years.....	26,333	13,442	12,891	22,950	11,745	11,205	3,383	1,698	1,685
14 to 17 years.....	10,176	5,168	5,008	8,938	4,551	4,387	1,237	617	621
18 to 21 years.....	8,939	4,527	4,412	7,813	3,963	3,850	1,127	565	562
14 years and over.....	122,023	59,758	62,265	109,802	53,870	55,933	12,221	5,888	6,333
18 years and over.....	111,847	54,590	57,257	100,864	49,319	51,545	10,983	5,271	5,712
21 years and over.....	105,092	51,168	53,924	94,962	46,324	48,638	10,130	4,844	5,286
65 years and over.....	14,749	6,769	7,980	13,743	6,287	7,456	1,006	482	525
Median age.....years..	29.8	28.9	30.6	30.5	29.6	31.3	23.9	23.0	24.7

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 170.

## No. 22.—ESTIMATED CIVILIAN POPULATION, BY AGE AND SEX, URBAN AND RURAL: 1956

[In thousands. As of April. Figures based on Current Population Survey; see Technical Note, p. 201. For definition of urban and rural, see text, p. 2]

AGE	United States	URBAN			RURAL				
		Total	Male	Female	Total	Nonfarm		Farm	
						Male	Female	Male	Female
Total.....	164,308	103,631	49,379	54,252	60,677	19,383	19,757	11,314	10,223
Under 5 years.....	18,656	11,136	5,611	5,525	7,520	2,553	2,564	1,316	1,087
5 to 9 years.....	17,623	10,352	5,162	5,190	7,271	2,531	2,349	1,297	1,094
10 to 14 years.....	13,617	7,808	3,938	3,870	5,809	1,815	1,655	1,173	1,166
15 to 19 years.....	10,869	6,426	2,989	3,437	4,443	1,278	1,295	1,052	818
20 to 24 years.....	9,321	6,221	2,605	3,616	3,100	846	1,190	525	539
25 to 29 years.....	11,250	7,345	3,557	3,788	3,905	1,307	1,604	521	473
30 to 34 years.....	12,102	7,961	3,848	4,113	4,141	1,402	1,599	538	602
35 to 44 years.....	22,670	14,646	6,955	7,691	8,024	2,683	2,724	1,330	1,287
45 to 54 years.....	19,143	12,715	6,039	6,676	6,428	2,138	1,794	1,262	1,234
55 to 64 years.....	14,653	9,814	4,671	5,143	4,839	1,334	1,370	1,130	1,005
65 to 69 years.....	5,426	3,495	1,610	1,885	1,931	576	582	430	343
70 years and over.....	8,978	5,712	2,394	3,318	3,266	920	1,031	740	575
Median age.....years..	30.3	31.6	31.1	32.1	27.8	27.6	27.6	27.8	29.3

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 71.

# No. 23.—ESTIMATED CIVILIAN POPULATION, BY AGE GROUPS, BY STATES AND OTHER AREAS: 1956

[In thousands. As of July 1. Based on adjusted 1950 Census age data, vital statistics, immigration statistics, school statistics, and data on preservice residence of the Armed Forces]

STATE OR OTHER AREA	Total	Under 5 years	5 to 17 years	18 to 44 years	45 to 64 years	65 and over	14 and over	18 and over	21 and over
<b>Continental U. S.</b>	<b>165,339</b>	<b>18,691</b>	<b>38,683</b>	<b>59,565</b>	<b>33,993</b>	<b>14,407</b>	<b>117,424</b>	<b>107,964</b>	<b>102,147</b>
<b>New England</b>	<b>9,637</b>	<b>1,020</b>	<b>2,085</b>	<b>3,386</b>	<b>2,142</b>	<b>1,004</b>	<b>7,037</b>	<b>6,532</b>	<b>6,235</b>
Maine	916	100	218	309	189	98	652	597	502
New Hampshire	558	57	125	192	122	62	407	375	357
Vermont	369	40	89	121	76	42	263	240	220
Massachusetts	4,766	506	1,007	1,654	1,084	516	3,499	3,254	3,111
Rhode Island	816	84	174	297	182	79	599	558	534
Connecticut	2,213	233	471	812	488	207	1,617	1,508	1,444
<b>Middle Atlantic</b>	<b>32,149</b>	<b>3,244</b>	<b>6,894</b>	<b>11,737</b>	<b>7,439</b>	<b>2,925</b>	<b>23,748</b>	<b>22,101</b>	<b>21,094</b>
New York	15,796	1,573	3,207	5,657	3,820	1,450	11,700	10,926	10,459
New Jersey	5,468	548	1,153	2,053	1,244	409	4,033	3,767	3,606
Pennsylvania	10,915	1,122	2,384	4,027	2,375	1,006	8,015	7,408	7,029
<b>East North Central</b>	<b>34,255</b>	<b>3,911</b>	<b>7,774</b>	<b>12,413</b>	<b>7,143</b>	<b>3,015</b>	<b>24,446</b>	<b>22,570</b>	<b>21,408</b>
Ohio	9,052	1,045	2,049	3,297	1,854	808	6,447	5,959	5,656
Indiana	4,430	514	1,032	1,600	880	403	3,135	2,884	2,726
Illinois	9,425	1,001	2,031	3,381	2,130	882	6,884	6,394	6,094
Michigan	7,564	918	1,784	2,818	1,487	558	5,292	4,863	4,594
Wisconsin	3,783	433	879	1,316	702	364	2,087	2,471	2,335
<b>West North Central</b>	<b>14,976</b>	<b>1,696</b>	<b>3,444</b>	<b>5,122</b>	<b>3,154</b>	<b>1,560</b>	<b>10,699</b>	<b>9,835</b>	<b>9,298</b>
Minnesota	3,255	383	774	1,106	673	319	2,290	2,098	1,983
Iowa	2,762	304	635	933	574	305	1,975	1,812	1,710
Missouri	4,167	439	907	1,442	929	449	3,052	2,820	2,677
North Dakota	642	81	164	220	122	54	466	396	369
South Dakota	686	85	169	231	134	66	473	432	405
Nebraska	1,414	159	320	488	299	148	1,012	934	882
Kansas	2,061	244	474	702	423	218	1,457	1,343	1,272
<b>South Atlantic</b>	<b>23,506</b>	<b>2,792</b>	<b>5,965</b>	<b>8,722</b>	<b>4,271</b>	<b>1,757</b>	<b>16,242</b>	<b>14,750</b>	<b>13,818</b>
Delaware	410	49	91	160	70	30	201	270	256
Maryland	2,753	317	651	1,058	539	191	1,936	1,785	1,694
District of Columbia	809	90	135	316	203	65	613	584	564
Virginia	3,543	436	900	1,312	646	250	2,432	2,208	2,071
West Virginia	1,963	206	525	700	373	159	1,377	1,233	1,141
North Carolina	4,325	525	1,172	1,623	734	272	2,933	2,629	2,434
South Carolina	2,275	258	667	819	351	140	1,453	1,310	1,204
Georgia	3,033	448	986	1,297	645	257	2,448	2,199	2,044
Florida	3,794	423	838	1,439	700	393	2,729	2,532	2,411
<b>East South Central</b>	<b>11,596</b>	<b>1,343</b>	<b>3,109</b>	<b>4,051</b>	<b>2,161</b>	<b>932</b>	<b>7,967</b>	<b>7,144</b>	<b>6,622</b>
Kentucky	2,966	331	787	1,022	563	264	2,061	1,849	1,718
Tennessee	3,400	373	869	1,236	649	267	2,378	2,152	2,009
Alabama	3,095	361	850	1,091	561	231	2,107	1,883	1,740
Mississippi	2,135	272	603	702	388	170	1,421	1,260	1,155
<b>West South Central</b>	<b>15,683</b>	<b>1,904</b>	<b>4,022</b>	<b>5,504</b>	<b>3,014</b>	<b>1,238</b>	<b>10,755</b>	<b>9,756</b>	<b>9,145</b>
Arkansas	1,730	189	468	547	359	177	1,213	1,083	1,003
Louisiana	2,969	389	795	1,042	538	205	1,982	1,785	1,665
Oklahoma	2,213	227	541	759	463	224	1,592	1,446	1,356
Texas	8,761	1,100	2,218	3,156	1,654	633	5,968	5,443	5,121
<b>Mountain</b>	<b>6,070</b>	<b>798</b>	<b>1,571</b>	<b>2,184</b>	<b>1,066</b>	<b>451</b>	<b>4,083</b>	<b>3,702</b>	<b>3,467</b>
Montana	648	80	161	222	124	61	448	407	384
Idaho	621	77	105	210	115	54	422	379	353
Wyoming	304	39	77	105	59	23	207	188	177
Colorado	1,577	189	379	577	296	137	1,098	1,009	954
New Mexico	787	117	230	274	122	45	496	440	406
Arizona	1,063	145	279	401	172	67	708	640	597
Utah	821	119	224	295	131	52	531	477	443
Nevada	248	32	56	99	48	13	174	161	153
<b>Pacific</b>	<b>17,466</b>	<b>1,983</b>	<b>3,910</b>	<b>6,446</b>	<b>3,603</b>	<b>1,524</b>	<b>12,448</b>	<b>11,574</b>	<b>11,060</b>
Washington	2,601	303	615	904	533	246	1,824	1,684	1,602
Oregon	1,728	193	400	611	365	160	1,232	1,135	1,079
California	13,137	1,488	2,894	4,931	2,706	1,118	9,392	8,755	8,379
Hawaii	526	74	143	197	85	27	343	309	290
Puerto Rico	2,258	311	791	761	291	104	1,367	1,156	1,048

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 172.

**No. 24.—POPULATION, BY AGE AND SEX, 1920 TO 1950, AND BY COLOR AND FOR  
RURAL FARM, 1950**

[The median is the value which divides the distribution into two equal parts—one-half of the cases falling below this value and one-half exceeding this value. See also *Historical Statistics, 1789-1945*, series B 72-144]

AGE AND SEX	1920	1930	1940	1950			
				Total	White	Nonwhite	Rural-farm population <sup>1</sup>
<b>Total</b> .....	<b>105,710,620</b>	<b>122,775,046</b>	<b>131,669,275</b>	<b>150,697,361</b>	<b>134,942,028</b>	<b>15,755,333</b>	<b>23,048,350</b>
Under 5 years.....	11,573,230	11,444,390	10,541,524	16,163,571	14,184,504	1,979,067	2,619,670
5 to 9 years.....	11,398,075	12,607,609	10,684,622	13,199,685	11,596,572	1,603,113	2,561,239
10 to 14 years.....	10,641,137	12,004,877	11,745,935	11,119,268	9,694,529	1,424,739	2,474,958
15 to 19 years.....	9,430,556	11,552,115	12,333,523	10,616,598	9,330,520	1,286,078	2,112,974
20 to 24 years.....	9,277,021	10,870,378	11,587,835	11,481,828	10,179,187	1,302,641	1,412,315
25 to 29 years.....	9,086,491	9,833,608	11,096,638	12,242,260	10,924,304	1,317,456	1,355,382
30 to 34 years.....	8,071,193	9,120,421	10,242,388	11,517,007	10,356,331	1,160,676	1,386,713
35 to 39 years.....	7,775,281	9,208,645	9,545,377	11,246,386	10,058,473	1,187,913	1,499,971
40 to 44 years.....	6,345,557	7,990,195	8,787,843	10,203,973	9,190,290	1,013,683	1,407,246
45 to 49 years.....	5,703,620	7,042,279	8,255,225	9,070,465	8,169,354	901,111	1,291,540
50 to 54 years.....	4,734,873	5,975,804	7,256,846	8,272,188	7,635,439	736,749	1,195,347
55 to 59 years.....	3,549,124	4,645,677	5,843,865	7,235,120	6,695,732	539,388	1,081,816
60 to 64 years.....	2,982,548	3,751,221	4,728,340	6,059,475	5,652,606	406,869	898,663
65 to 69 years.....	2,068,475	2,770,605	3,806,657	5,002,936	4,685,596	417,350	742,850
70 to 74 years.....	1,895,036	1,950,004	2,569,532	4,111,949	3,181,575	230,374	483,169
75 years and over.....	1,469,704	1,913,196	2,643,125	3,854,652	3,606,526	248,126	524,497
Not reported.....	148,699	94,022					
Median age.....	25.3	26.5	29.0	30.2	30.8	26.1	26.3
<b>Male</b> .....	<b>53,900,431</b>	<b>62,137,080</b>	<b>66,061,592</b>	<b>74,833,239</b>	<b>67,129,192</b>	<b>7,704,047</b>	<b>12,078,610</b>
Under 5 years.....	5,857,461	5,806,174	5,354,808	8,236,164	7,244,211	991,953	1,337,271
5 to 9 years.....	5,753,001	6,381,108	5,418,823	6,714,555	5,915,130	799,425	1,314,554
10 to 14 years.....	5,369,306	6,068,777	5,952,329	5,660,309	4,944,535	715,874	1,264,683
15 to 19 years.....	4,679,792	5,757,825	6,180,153	5,311,342	4,685,825	625,517	1,144,649
20 to 24 years.....	4,527,045	5,336,815	5,692,392	5,606,293	5,002,782	603,511	761,646
25 to 29 years.....	4,538,233	4,860,180	5,450,662	5,972,078	5,340,707	632,371	681,587
30 to 34 years.....	4,130,783	4,561,786	5,070,312	5,624,723	5,080,610	544,113	688,176
35 to 39 years.....	4,074,361	4,679,860	4,745,659	5,517,544	4,955,941	561,603	761,066
40 to 44 years.....	3,285,543	4,136,459	4,419,135	5,070,269	4,573,529	496,740	720,727
45 to 49 years.....	3,117,550	3,671,924	4,209,269	4,526,366	4,080,174	446,192	674,343
50 to 54 years.....	2,635,545	3,131,645	3,752,750	4,128,648	3,756,125	372,523	628,575
55 to 59 years.....	1,890,065	2,425,992	3,011,364	3,650,046	3,350,888	279,158	585,688
60 to 64 years.....	1,581,800	1,941,508	2,397,816	3,037,838	2,829,399	208,439	501,982
65 to 69 years.....	1,079,817	1,417,812	1,896,088	2,424,561	2,223,014	201,547	420,618
70 to 74 years.....	708,301	991,047	1,270,967	1,628,829	1,513,305	115,521	277,213
75 years and over.....	696,053	915,752	1,239,065	1,743,584	1,624,014	119,570	280,731
Not reported.....	92,875	51,816					
Median age.....	25.8	26.7	29.1	29.9	30.4	25.9	26.4
<b>Female</b> .....	<b>51,810,189</b>	<b>60,637,966</b>	<b>65,607,683</b>	<b>75,864,122</b>	<b>67,812,836</b>	<b>8,051,286</b>	<b>10,969,740</b>
Under 5 years.....	5,715,769	5,638,216	5,186,716	7,927,407	6,940,293	987,114	1,282,299
5 to 9 years.....	5,645,074	6,226,501	5,265,799	6,485,130	5,681,442	803,688	1,246,685
10 to 14 years.....	5,271,831	5,936,100	5,793,606	5,749,904	4,749,994	708,875	1,190,275
15 to 19 years.....	4,756,764	5,794,290	6,153,370	5,305,256	4,644,695	660,561	908,334
20 to 24 years.....	4,749,976	5,533,563	5,895,443	5,875,535	5,176,405	699,130	650,660
25 to 29 years.....	4,548,258	4,973,428	5,645,976	6,270,182	5,575,097	695,085	673,705
30 to 34 years.....	3,940,410	4,558,635	5,172,076	5,892,284	5,275,721	616,563	698,537
35 to 39 years.....	3,700,920	4,628,785	4,799,718	5,728,842	5,102,532	626,310	738,905
40 to 44 years.....	3,060,014	3,853,736	4,368,708	5,133,704	4,616,761	516,942	677,509
45 to 49 years.....	2,646,070	3,370,355	4,045,956	4,544,099	4,089,180	454,919	617,197
50 to 54 years.....	2,199,328	2,844,159	3,604,096	4,143,540	3,779,314	364,226	566,772
55 to 59 years.....	1,669,059	2,219,685	2,832,501	3,605,074	3,344,844	260,230	496,128
60 to 64 years.....	1,400,748	1,809,713	2,330,524	3,021,637	2,823,207	198,430	396,681
65 to 69 years.....	988,658	1,352,793	1,910,569	2,578,375	2,362,572	215,803	322,232
70 to 74 years.....	688,735	953,357	1,298,565	1,783,120	1,668,267	114,853	205,956
75 years and over.....	772,751	997,444	1,404,060	2,111,068	1,982,512	128,556	237,766
Not reported.....	55,824	42,205					
Median age.....	24.7	26.2	29.0	30.5	31.1	26.2	26.1

<sup>1</sup> Based on new urban definition (see text, p. 2, for explanation)

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

## No. 25.—POPULATION, BY AGE

STATE OR OTHER AREA	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years
<b>Cont. U. S.</b> .....	<b>16,163,571</b>	<b>13,199,685</b>	<b>11,119,268</b>	<b>10,616,598</b>	<b>11,481,828</b>	<b>12,242,260</b>	<b>11,517,007</b>	<b>11,241,414</b>
<b>New England</b> .....	<b>916,346</b>	<b>746,441</b>	<b>604,122</b>	<b>620,680</b>	<b>694,829</b>	<b>741,414</b>	<b>718,004</b>	<b>68</b>
Maine.....	99,673	82,368	71,410	70,423	66,659	66,240	61,966	6
New Hampshire.....	54,519	43,800	37,204	37,464	37,961	38,645	37,611	3
Vermont.....	41,941	34,434	29,514	28,694	27,484	26,787	25,481	2
Massachusetts.....	448,816	304,763	208,507	308,600	351,612	373,757	357,956	34
Rhode Island.....	76,812	60,408	48,821	53,935	66,755	68,360	62,332	5
Connecticut.....	194,580	160,080	121,006	121,658	144,868	167,625	172,658	16
<b>Middle Atlantic</b> .....	<b>2,850,072</b>	<b>2,324,909</b>	<b>1,927,478</b>	<b>1,922,554</b>	<b>2,243,213</b>	<b>2,486,192</b>	<b>2,417,377</b>	<b>2,138</b>
New York.....	1,864,721	1,095,025	862,184	904,484	1,084,812	1,206,023	1,173,267	1,18
New Jersey.....	458,900	371,826	290,544	295,850	350,403	400,890	400,434	39
Pennsylvania.....	1,026,445	858,058	744,750	722,661	807,908	869,379	834,676	79
<b>East North Central</b> .....	<b>3,187,518</b>	<b>2,551,212</b>	<b>2,131,888</b>	<b>1,986,674</b>	<b>2,271,202</b>	<b>2,490,536</b>	<b>2,357,857</b>	<b>2,26</b>
Ohio.....	846,749	657,864	548,081	566,103	594,909	663,603	620,853	58
Indiana.....	422,058	342,806	288,473	268,034	300,961	319,721	322,960	28
Illinois.....	842,842	684,347	565,347	542,280	639,444	712,531	691,503	67
Michigan.....	703,861	568,686	471,971	431,106	491,167	538,093	504,726	47
Wisconsin.....	372,008	297,449	257,116	230,151	244,721	256,588	247,806	24
<b>West North Central</b> .....	<b>1,489,292</b>	<b>1,211,857</b>	<b>1,045,215</b>	<b>1,000,110</b>	<b>1,021,699</b>	<b>1,049,916</b>	<b>983,224</b>	<b>96</b>
Minnesota.....	332,460	267,652	223,787	207,460	213,712	220,780	212,765	20
Iowa.....	280,269	226,374	199,225	184,188	189,738	192,843	180,966	17
Missouri.....	364,391	322,288	279,534	272,330	280,534	296,251	276,758	28
North Dakota.....	75,408	62,489	54,279	51,213	47,818	44,500	42,407	4
South Dakota.....	76,713	60,572	53,090	51,179	49,961	48,937	45,014	4
Nebraska.....	140,169	110,805	97,710	97,265	98,877	99,135	90,620	8
Kansas.....	199,882	161,677	137,590	136,495	141,009	147,470	134,885	13
<b>South Atlantic</b> .....	<b>2,478,893</b>	<b>2,070,091</b>	<b>1,784,122</b>	<b>1,688,853</b>	<b>1,755,346</b>	<b>1,794,472</b>	<b>1,631,502</b>	<b>1,57</b>
Delaware.....	33,237	26,845	21,876	20,877	23,173	26,824	26,727	2
Maryland.....	258,252	205,897	161,703	155,620	157,272	213,885	199,309	18
Dist. of Columbia.....	71,353	49,469	40,039	45,411	71,721	84,549	74,377	7
Virginia.....	381,478	316,410	267,612	266,370	291,406	294,692	266,516	24
West Virginia.....	240,107	205,300	190,979	166,440	180,550	168,798	142,373	13
North Carolina.....	501,632	428,599	381,492	365,718	366,326	342,115	301,769	28
South Carolina.....	279,603	244,044	212,300	194,275	177,014	172,433	149,327	14
Georgia.....	422,486	355,208	311,293	291,806	276,103	276,270	255,385	25
Florida.....	290,745	238,229	196,829	182,336	212,691	224,906	218,719	21
<b>East South Central</b> .....	<b>1,389,281</b>	<b>1,184,284</b>	<b>1,064,540</b>	<b>978,520</b>	<b>902,822</b>	<b>877,099</b>	<b>790,479</b>	<b>79</b>
Kentucky.....	346,006	295,383	267,054	247,783	226,231	223,963	200,040	10
Tennessee.....	379,802	323,029	286,603	270,409	265,345	266,935	239,787	23
Alabama.....	380,124	325,803	293,440	265,240	243,006	234,242	213,437	21
Mississippi.....	283,349	239,009	217,443	195,088	168,240	151,959	137,215	14
<b>West South Central</b> .....	<b>1,704,476</b>	<b>1,422,115</b>	<b>1,214,323</b>	<b>1,149,846</b>	<b>1,147,406</b>	<b>1,158,035</b>	<b>1,043,545</b>	<b>1,05</b>
Arkansas.....	228,279	202,063	179,485	159,766	134,802	131,082	124,709	12
Louisiana.....	334,466	275,105	235,359	209,922	212,884	213,003	192,202	19
Oklahoma.....	240,458	211,222	187,701	178,872	166,422	168,673	152,762	15
Texas.....	901,273	733,725	611,778	601,287	633,298	645,277	573,872	57
<b>Mountain</b> .....	<b>621,340</b>	<b>505,804</b>	<b>426,874</b>	<b>385,185</b>	<b>391,452</b>	<b>406,893</b>	<b>382,398</b>	<b>36</b>
Montana.....	68,201	55,357	46,534	40,640	41,716	44,181	45,290	4
Idaho.....	72,633	61,879	52,457	44,825	41,332	44,103	44,046	4
Wyoming.....	34,297	27,842	22,703	22,458	24,135	24,350	22,695	2
Colorado.....	148,275	116,442	99,364	96,320	102,873	109,354	99,891	9
New Mexico.....	94,944	76,908	65,211	57,130	57,626	57,426	50,133	4
Arizona.....	92,725	78,957	67,395	57,247	56,918	59,073	56,400	5
Utah.....	93,307	75,406	62,266	57,091	55,787	55,947	50,074	4
Nevada.....	10,958	13,523	10,944	9,444	11,015	13,359	13,869	1
<b>Pacific</b> .....	<b>1,526,353</b>	<b>1,182,972</b>	<b>920,706</b>	<b>884,176</b>	<b>1,053,859</b>	<b>1,237,703</b>	<b>1,192,621</b>	<b>1,16</b>
Washington.....	263,326	235,780	199,695	157,095	175,619	195,087	188,636	18
Oregon.....	163,915	131,596	108,140	96,738	105,070	117,706	116,800	11
California.....	1,099,112	847,590	652,871	629,743	773,170	924,910	887,185	86
Alaska.....	15,579	10,644	7,858	10,515	17,171	14,007	12,440	1
Hawaii.....	63,691	51,794	40,832	43,908	50,356	49,684	42,890	3
Puerto Rico.....	366,422	318,127	270,727	220,231	192,930	157,992	131,737	13

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, P and 51-53.

## STATES AND OTHER AREAS: 1950

40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 84 years	85 years and over	Med- ian age	STATE OR OTHER AREA
10,203,973	9,070,465	8,272,188	7,235,120	6,059,475	5,002,936	3,411,949	3,277,751	576,901	30.2	Cont. U. S.
628,079	569,654	553,621	504,874	425,878	348,760	252,807	257,706	47,294	32.3	N. E.
57,186	51,593	49,748	44,344	38,393	33,952	26,019	28,290	5,301	30.0	Maine.
34,965	32,225	31,564	28,429	24,216	20,485	16,341	17,482	3,485	32.3	N. H.
23,596	21,336	19,942	18,306	15,933	13,838	11,284	12,131	2,331	30.0	Vt.
317,850	291,766	286,920	261,480	220,898	181,156	130,527	132,729	24,024	32.8	Mass.
53,296	48,489	46,471	41,968	34,916	28,087	19,704	19,253	3,374	31.7	R. I.
141,186	124,245	118,976	110,347	91,525	71,242	48,982	47,821	8,779	32.7	Conn.
2,210,862	1,990,537	1,887,127	1,628,154	1,352,503	1,087,548	710,256	658,610	112,857	32.7	M. A.
1,131,944	1,033,920	981,891	828,417	684,685	530,103	352,439	320,376	55,539	33.7	N. Y.
357,760	318,504	305,235	263,516	215,546	164,921	109,441	101,632	17,995	32.9	N. J.
721,158	638,113	600,001	536,221	452,272	362,524	248,376	236,602	39,323	31.3	Pa.
2,060,046	1,872,225	1,738,010	1,573,546	1,321,219	1,048,326	719,093	703,840	124,610	31.2	E. N. C.
532,802	477,812	448,936	408,842	344,830	281,805	197,945	196,201	34,024	31.2	Ohio.
254,908	230,512	212,783	192,925	166,976	141,464	99,550	102,055	17,947	30.4	Ind.
622,666	569,734	528,615	479,109	401,148	311,223	207,718	200,356	35,004	32.7	Ill.
424,608	386,068	350,056	312,685	253,776	191,973	127,680	120,310	21,687	29.8	Mich.
225,042	208,099	197,920	179,985	154,489	121,861	86,190	85,918	15,948	31.0	Wis.
911,666	838,639	795,620	733,557	635,162	528,427	380,835	393,344	74,998	31.1	W. N. C.
189,729	176,212	170,805	157,690	134,854	105,188	73,706	75,332	14,905	30.6	Minn.
162,146	151,624	147,203	139,047	120,243	100,809	75,640	80,921	15,628	31.1	Iowa.
275,074	252,646	232,304	210,056	180,800	157,654	112,868	115,894	20,972	32.0	Mo.
37,958	32,870	29,647	27,117	23,854	19,815	13,342	12,777	2,262	27.1	N. Dak.
38,495	36,033	34,864	32,112	28,332	22,239	15,333	14,799	2,925	28.6	S. Dak.
85,161	77,507	75,847	70,790	61,575	49,987	35,673	37,183	7,536	31.0	Nebr.
123,103	111,747	104,950	96,745	85,504	72,735	54,275	56,438	10,770	31.1	Kans.
1,363,632	1,187,345	1,000,527	821,010	666,978	589,256	391,143	357,870	58,733	27.3	S. A.
22,143	19,384	17,961	15,302	12,680	10,404	7,301	7,249	1,366	31.2	Del.
162,930	140,050	125,206	102,064	82,570	66,539	45,359	44,022	7,594	29.7	Md.
63,260	54,792	49,678	39,324	29,825	23,338	15,751	15,017	2,581	32.6	D. C.
211,251	177,199	154,449	126,100	102,656	87,527	60,556	56,857	9,584	27.3	Va.
121,976	106,102	92,863	78,814	65,948	56,835	38,699	37,010	5,982	25.3	W. Va.
245,000	203,510	173,099	137,936	110,141	97,440	63,245	55,700	8,912	26.8	N. O.
120,927	99,968	83,431	67,652	54,555	52,127	32,061	28,624	4,193	23.6	S. O.
219,640	182,855	153,118	126,309	100,096	95,556	60,606	54,540	8,953	26.6	Ga.
196,505	173,485	150,722	127,509	108,507	99,490	67,565	60,851	9,568	30.9	Fla.
715,668	616,916	536,448	444,467	364,016	343,304	226,941	215,508	35,986	26.2	E. S. C.
177,177	159,085	142,300	123,922	104,155	93,069	65,612	65,765	10,897	27.0	Ky.
212,881	180,958	156,013	130,796	106,369	97,134	65,670	62,325	9,855	27.3	Tenn.
191,974	161,666	135,600	110,774	89,233	80,977	54,599	48,705	8,367	25.5	Ala.
133,636	115,211	96,623	78,975	64,259	66,124	41,260	38,713	6,867	24.6	Miss.
964,362	846,902	711,413	600,524	486,665	429,835	284,540	272,535	46,276	27.7	W. S. C.
120,880	108,015	91,813	83,144	67,407	62,715	41,289	38,956	6,035	26.9	Ark.
175,051	153,951	126,887	103,532	81,383	78,961	46,687	45,553	7,648	26.7	La.
147,428	131,715	113,988	100,476	84,703	75,260	53,991	55,499	9,172	28.9	Okla.
521,003	453,221	378,725	313,372	253,172	212,899	142,573	134,527	23,421	27.9	Tex.
321,020	272,268	239,903	214,150	184,272	148,095	99,537	94,189	17,046	27.5	Mt.
37,552	32,160	28,714	28,812	27,940	21,940	13,947	12,692	2,285	29.9	Mont.
37,034	30,706	27,221	24,781	22,170	18,019	12,446	11,235	1,939	27.4	Idaho.
18,734	15,808	14,688	12,949	10,550	7,847	5,035	4,518	767	27.9	Wyo.
85,476	74,038	67,698	61,577	53,526	44,836	32,182	32,565	6,009	29.5	Colo.
39,572	33,232	27,808	23,058	18,167	14,038	8,585	8,698	1,643	24.0	N. Mex.
49,785	41,586	35,173	29,722	23,959	19,163	12,284	10,802	1,992	26.8	Ariz.
40,405	33,994	30,084	25,706	21,745	17,505	11,900	11,039	1,974	25.1	Utah.
12,402	10,694	9,117	7,545	6,215	4,747	3,160	2,642	437	31.7	Nev.
1,028,638	905,985	815,519	714,838	622,782	509,385	346,796	324,149	59,101	31.8	Pac.
159,090	138,714	125,939	115,306	103,916	86,551	59,655	55,144	10,055	30.9	Wash.
105,575	93,228	86,118	77,843	68,230	54,455	37,095	34,979	6,492	31.6	Oreg.
763,973	674,043	603,462	521,689	450,636	368,379	250,046	234,026	42,554	32.1	Calif.
7,952	6,170	4,486	3,479	2,735	2,126	1,288	1,137	192	25.8	Alaska.
28,746	25,143	18,906	13,925	12,153	8,428	5,971	5,172	846	24.9	Hawaii.
91,237	75,745	71,237	49,525	49,106	32,993	21,624	21,611	9,380	18.4	Puerto Rico.

# NO. 26.—POPULATION, BY RACE AND SEX, 1930 TO 1950, AND URBAN AND RURAL, 1950

[For explanation of new urban definition, see p. 2. See also *Historical Statistics, 1789-1945*, series B 13-23, 40-47, 167, 170]

RACE AND SEX	1930	1940	1950, NEW URBAN DEFINITION			
			Total	Urban	Rural nonfarm	Rural farm
<b>Total</b> .....	122,775,046	131,669,275	150,697,361	96,467,686	31,181,325	23,048,350
White.....	110,286,740	118,214,870	134,942,028	86,756,435	28,470,339	19,715,254
Native.....	96,303,335	100,795,732	124,780,860	78,267,570	27,350,570	19,162,720
Foreign born.....	13,983,405	11,419,138	10,161,168	8,488,865	1,119,769	552,534
Negro.....	11,891,143	12,865,518	15,042,280	9,392,608	2,491,377	3,158,301
Other races.....	597,103	588,887	718,047	318,643	219,609	174,795
Indian.....	332,397	333,909	343,410	50,108	178,078	108,624
Japanese.....	138,834	126,947	141,768	100,735	14,260	26,773
Chinese.....	74,954	77,504	117,622	109,434	5,844	2,351
All other.....	50,978	50,407	110,240	52,306	20,827	37,047
<b>Male</b> .....	62,137,080	66,061,592	74,833,239	46,891,782	15,862,847	12,078,610
White.....	55,922,528	59,448,548	67,120,192	42,240,894	14,480,275	10,390,023
Native.....	48,420,037	53,437,533	61,952,802	37,994,340	13,887,315	10,071,147
Foreign born.....	7,502,491	6,011,015	5,176,390	4,255,554	601,960	318,876
Negro.....	5,855,669	6,269,038	7,298,722	4,449,706	1,256,115	1,592,841
Other races.....	358,883	344,006	405,325	192,122	117,457	95,746
Indian.....	170,350	171,427	178,824	30,256	91,993	56,575
Japanese.....	81,771	71,967	76,649	53,458	8,139	15,052
Chinese.....	59,802	57,389	77,008	71,656	3,874	1,478
All other.....	46,960	43,223	72,844	36,752	13,451	22,641
<b>Female</b> .....	60,637,966	65,607,683	75,864,122	49,575,904	15,318,478	10,969,740
White.....	54,364,212	58,766,322	67,812,836	44,506,541	13,981,064	9,325,231
Native.....	47,883,208	53,358,190	62,828,058	40,273,230	13,463,285	9,061,573
Foreign born.....	6,480,014	5,408,123	4,934,778	4,233,311	517,809	233,058
Negro.....	6,035,474	6,506,480	7,743,564	4,942,842	1,235,262	1,565,460
Other races.....	238,280	244,881	307,722	126,521	102,152	79,049
Indian.....	162,047	162,542	164,586	25,852	86,085	52,049
Japanese.....	57,063	54,980	65,119	47,277	6,121	11,721
Chinese.....	15,152	20,115	40,621	37,778	1,970	873
All other.....	4,018	7,244	37,396	15,614	7,376	14,406

## NO. 27.—POPULATION OF NONWHITE RACES (EXCLUDING NEGRO), BY STATES: 1950

STATE	Indian	Japa- nese	Chi- nese	All other <sup>1</sup>	STATE	Indian	Japa- nese	Chi- nese	All other <sup>1</sup>
<b>United States</b> .....	343,410	141,768	117,629	110,240	<b>South Atlantic—Con.</b>				
<b>New England:</b>					Virginia.....	1,056	193	505	1,100
Maine.....	1,522	30	77	78	West Virginia.....	160	46	99	98
New Hampshire.....	74	25	93	44	North Carolina.....	3,742	98	345	27,270
Vermont.....	30	14	34	38	South Carolina.....	554	34	101	856
Massachusetts.....	1,201	384	3,627	628	Georgia.....	333	128	511	267
Rhode Island.....	385	25	403	165	Florida.....	1,011	238	429	476
Connecticut.....	333	254	450	442	<b>E. S. Central:</b>				
<b>Middle Atlantic:</b>					Kentucky.....	234	74	335	152
New York.....	10,640	3,893	20,171	5,202	Tennessee.....	330	104	230	185
New Jersey.....	621	1,784	1,818	956	Alabama.....	928	88	187	1,332
Pennsylvania.....	1,141	1,029	2,258	1,251	Mississippi.....	2,502	62	1,011	213
<b>E. N. Central:</b>					<b>W. S. Central:</b>				
Ohio.....	1,146	1,936	1,542	659	Arkansas.....	533	113	502	127
Indiana.....	438	818	496	202	Louisiana.....	409	127	526	3,343
Illinois.....	1,443	11,646	4,207	2,842	Oklahoma.....	53,769	137	397	1,019
Michigan.....	7,000	1,617	1,619	1,509	Texas.....	2,736	957	2,435	1,074
Wisconsin.....	12,196	529	590	388	<b>Mountain:</b>				
<b>W. N. Central:</b>					Montana.....	16,606	524	209	415
Minnesota.....	12,533	1,049	720	463	Idaho.....	3,800	1,980	244	168
Iowa.....	1,084	310	310	181	Wyoming.....	3,237	450	107	170
Missouri.....	547	527	519	379	Colorado.....	1,567	5,412	458	822
North Dakota.....	10,706	61	82	22	New Mexico.....	41,901	251	160	250
South Dakota.....	23,344	56	44	65	Arizona.....	65,761	780	1,951	610
Nebraska.....	3,954	619	202	173	Utah.....	4,201	4,452	335	230
Kansas.....	2,381	116	315	368	Nevada.....	5,025	382	281	185
<b>South Atlantic:</b>					<b>Pacific:</b>				
Delaware.....	14	85	510		Washington.....	13,816	9,694	3,408	4,858
Maryland.....	314	289	795	656	Oregon.....	5,820	3,660	2,102	1,102
Dist. of Columbia.....	330	353	1,825	1,002	California.....	19,947	84,956	58,324	45,651

<sup>1</sup> Comprises Asiatic Indians, Koreans, Polynesians, Indonesians, and other nonwhite races.

Source of tables 26 and 27: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



## No. 28.—POPULATION, BY RACE, BY STATES: 1930 TO 1950

STATE	1930			1940			1950		
	White	Negro	Other races	White	Negro	Other races	White	Negro	Other races
<b>U. S.</b> .....	110,286,740	11,891,143	597,163	118,214,870	12,865,518	588,887	134,942,028	15,042,286	713,047
<b>New England</b> .....	8,065,220	94,086	7,035	8,329,146	101,509	6,635	9,161,156	142,941	10,356
Maine.....	795,185	1,096	1,142	844,543	1,304	1,379	910,846	1,221	1,707
New Hampshire.....	464,351	790	152	490,989	414	121	532,275	733	256
Vermont.....	358,966	568	77	358,806	384	41	377,188	441	116
Massachusetts.....	4,192,992	52,365	4,257	4,257,596	55,391	3,734	4,611,503	73,171	5,840
Rhode Island.....	677,026	9,913	558	701,805	11,024	517	777,015	13,903	978
Connecticut.....	1,576,700	29,354	849	1,676,407	32,992	843	1,952,329	53,472	1,479
<b>Middle Atlantic</b> .....	25,178,861	1,052,899	28,990	26,237,622	1,268,366	33,499	28,237,528	1,875,241	50,764
New York.....	12,153,191	412,814	22,061	12,879,546	571,221	28,375	13,872,095	918,191	39,906
New Jersey.....	3,829,663	208,828	2,843	3,931,087	226,973	2,105	4,511,585	318,565	5,179
Pennsylvania.....	9,196,007	431,257	4,086	9,426,989	470,172	3,019	9,853,848	638,485	5,679
<b>E. N. Central</b> .....	24,335,980	930,450	30,755	25,528,451	1,069,326	28,565	28,543,307	1,803,698	52,363
Ohio.....	6,335,173	309,304	2,220	6,566,531	339,461	1,620	7,428,222	513,072	5,333
Indiana.....	3,125,778	111,982	743	3,305,323	121,916	557	3,758,512	174,168	1,544
Illinois.....	7,295,267	328,972	6,415	7,504,202	387,446	5,593	8,046,058	645,980	20,138
Michigan.....	4,663,507	169,453	9,365	5,039,643	268,345	8,118	5,917,825	442,296	11,645
Wisconsin.....	2,916,255	10,739	12,012	3,112,752	12,158	12,677	3,292,690	28,182	13,703
<b>W. N. Central</b> .....	12,913,292	331,784	51,839	13,111,519	350,992	54,479	13,576,077	424,178	61,139
Minnesota.....	2,542,590	9,445	11,909	2,768,982	9,928	13,390	2,953,697	14,022	14,764
Iowa.....	2,452,677	17,380	882	2,620,691	16,694	883	2,599,546	19,692	1,835
Missouri.....	3,403,876	223,840	1,651	3,539,187	244,386	1,091	3,655,593	297,088	1,972
North Dakota.....	671,851	377	8,617	631,464	201	10,270	608,448	257	10,931
South Dakota.....	670,269	646	21,934	619,075	474	23,412	628,504	727	23,509
Nebraska.....	1,360,023	13,752	4,188	1,297,624	14,171	4,039	1,301,328	19,234	4,948
Kansas.....	1,811,997	66,344	2,658	1,734,496	65,138	1,394	1,828,961	73,158	3,180
<b>S. Atlantic</b> .....	11,349,975	4,421,388	22,226	13,095,227	4,698,863	29,061	16,041,709	5,094,744	45,882
Delaware.....	205,718	32,602	60	230,528	35,876	101	273,878	43,598	609
Maryland.....	1,354,226	276,379	921	1,518,481	301,931	832	1,954,975	385,972	2,054
Dist. of Col.....	353,981	132,068	820	474,326	187,266	1,499	517,865	280,803	3,510
Virginia.....	1,770,441	650,165	1,245	2,015,883	661,449	741	2,581,555	734,211	2,914
West Virginia.....	1,614,191	114,893	121	1,784,102	117,754	118	1,890,282	114,867	403
North Carolina.....	2,234,958	918,647	16,671	2,567,635	981,298	22,690	2,983,121	1,047,353	31,455
South Carolina.....	944,049	793,681	1,035	1,084,308	814,164	1,332	1,293,405	822,077	1,545
Georgia.....	1,837,021	1,071,125	360	2,038,278	1,084,927	518	2,380,577	1,062,762	1,239
Florida.....	1,035,390	431,828	993	1,381,986	514,198	1,230	2,166,051	603,101	2,153
<b>E. S. Central</b> .....	7,226,017	2,653,238	2,959	7,993,755	2,780,635	3,835	8,770,570	2,698,635	7,976
Kentucky.....	2,388,452	226,040	97	2,631,425	214,031	171	2,742,090	201,921	795
Tennessee.....	2,138,644	477,646	266	2,406,906	508,736	199	2,700,257	530,603	858
Alabama.....	1,700,844	944,834	570	1,849,097	983,290	574	2,079,591	979,617	2,535
Mississippi.....	998,077	1,009,718	2,026	1,106,327	1,074,578	2,891	1,188,632	986,494	3,788
<b>W. S. Central</b> .....	9,795,977	2,281,951	98,902	10,569,596	2,425,121	69,808	12,037,250	2,432,028	68,294
Arkansas.....	1,375,315	478,463	704	1,466,084	482,578	725	1,481,507	426,639	1,365
Louisiana.....	1,322,712	776,326	2,555	1,511,739	849,303	2,838	1,796,683	882,428	4,405
Oklahoma.....	2,130,778	172,198	93,064	2,104,228	168,849	63,367	2,032,526	145,503	56,322
Texas.....	4,967,172	854,964	2,579	5,487,545	924,391	2,888	6,726,534	977,458	7,202
<b>Mountain</b> .....	3,552,900	30,225	118,664	3,978,913	36,411	134,679	4,845,634	66,429	162,935
Montana.....	1,091,898	1,256	16,452	540,458	1,120	17,868	572,038	1,232	17,754
Idaho.....	438,840	668	5,624	519,292	595	4,986	581,395	1,050	6,192
Wyoming.....	221,241	1,250	3,074	246,697	956	3,189	284,009	2,557	3,903
Colorado.....	1,018,793	11,828	5,170	1,106,602	12,176	4,618	1,296,653	20,177	8,259
New Mexico.....	391,095	2,850	29,372	492,812	4,672	34,834	630,211	8,408	42,568
Arizona.....	378,551	10,749	46,273	426,792	14,993	67,476	654,511	25,974	69,102
Utah.....	499,967	1,108	6,772	542,020	1,235	6,155	676,909	2,729	9,224
Nevada.....	84,515	516	6,027	104,030	664	5,553	149,908	4,302	5,873
<b>Pacific</b> .....	7,868,518	90,122	235,793	9,370,641	134,295	228,326	13,728,797	504,392	253,338
Washington.....	1,521,661	6,840	34,895	1,695,147	7,424	30,620	2,316,496	30,691	31,776
Oregon.....	938,597	2,234	12,965	1,075,731	2,565	11,388	1,497,128	11,520	12,684
California.....	5,408,260	81,048	187,943	6,596,763	124,306	186,318	9,915,173	462,172	208,878

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, *Population*, Vol. II, and *U. S. Census of Population: 1950*, Vol. II, Part I.

## No. 29.—POPULATION, BY RACE AND SEX, BY STATES: 1950

STATE	NATIVE WHITE			FOREIGN-BORN WHITE			NEGRO			OTHER RACES	
	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female
U. S. ....	61,952,802	62,828,058	98.6	5,176,390	4,984,778	103.8	7,298,722	7,743,564	94.3	405,325	307,722
N. E. ....	3,864,460	4,010,645	96.4	611,517	674,534	90.7	71,077	71,864	98.9	6,716	3,640
Maine .....	416,975	419,529	99.4	35,528	38,814	91.5	711	510	139.4	931	770
N. H. ....	234,517	239,024	97.9	27,354	30,780	88.9	301	340	115.0	102	74
Vt. ....	173,561	174,874	99.2	13,896	14,837	93.5	228	215	106.0	69	47
Mass. ....	1,897,484	2,000,320	94.9	332,732	380,967	87.5	30,220	36,942	98.1	3,922	1,918
R. I. ....	320,223	334,528	98.4	53,595	59,069	89.8	7,087	6,810	104.0	678	300
Conn. ....	812,700	841,770	96.5	148,412	149,447	99.3	26,431	27,041	97.7	954	525
M. A. ....	11,911,435	12,418,294	95.9	1,960,199	1,947,600	100.6	888,136	987,105	90.0	33,329	17,435
N. Y. ....	5,545,758	5,825,908	95.2	1,244,395	1,250,034	99.1	423,400	464,722	85.6	26,322	13,584
N. J. ....	1,908,114	1,972,710	96.7	315,743	315,018	100.2	155,554	163,011	95.4	3,333	1,840
Pa. ....	4,457,563	4,619,676	96.5	400,061	376,548	106.2	309,113	329,372	93.8	3,974	2,005
E. N. C. ....	13,100,029	13,294,244	98.5	1,127,181	1,021,853	110.3	887,159	916,539	96.8	30,893	21,470
Ohio .....	3,441,231	3,543,833	97.1	231,156	212,002	109.0	252,827	260,245	97.1	3,320	2,013
Ind. ....	1,817,324	1,840,568	98.7	54,275	46,355	117.1	85,856	88,312	97.2	1,061	483
Ill. ....	3,588,257	3,674,524	97.7	403,601	376,586	108.0	311,730	334,220	93.3	12,543	7,595
Mich. ....	2,665,429	2,648,661	100.6	317,948	285,792	111.2	222,011	220,285	100.8	6,736	4,909
Wis. ....	1,887,788	1,886,068	100.1	117,116	101,118	115.8	14,705	13,477	109.1	7,233	4,470
W. N. C. ....	6,494,008	6,519,357	99.6	300,408	262,304	114.5	206,836	217,292	95.2	32,113	29,026
Minn. ....	1,372,269	1,371,197	100.1	113,891	96,340	118.2	7,278	6,744	107.9	7,770	6,994
Iowa .....	1,253,903	1,261,061	99.4	45,211	39,371	114.8	10,100	9,502	105.3	1,009	706
Mo. ....	1,749,524	1,814,019	96.4	47,173	44,877	105.1	142,908	154,180	92.7	1,268	715
N. Dak. ....	250,066	266,150	107.8	27,087	22,145	122.3	435	122	110.7	1,566	5,275
S. Dak. ....	307,797	259,940	106.2	17,083	13,679	124.9	148	279	160.6	11,918	11,591
Nebr. ....	624,804	619,251	100.9	30,234	27,039	111.8	9,693	9,541	101.6	2,801	2,347
Kans. ....	895,645	894,739	100.1	19,724	18,853	104.6	36,324	36,834	98.6	1,841	1,339
S. A. ....	7,865,726	7,865,449	99.2	188,040	182,495	103.0	2,477,647	2,617,097	94.7	25,184	20,698
Del. ....	127,306	132,136	96.8	7,132	6,712	106.3	21,952	21,646	101.4	392	249
Md. ....	980,354	940,151	99.0	42,356	42,084	100.6	192,537	193,435	99.5	1,356	608
D. C. ....	223,492	254,876	87.7	19,245	20,252	95.0	132,900	147,894	89.9	2,272	1,238
Va. ....	1,280,169	1,257,310	102.5	17,225	17,845	96.5	360,806	367,405	98.0	2,016	898
W. Va. ....	927,431	927,765	100.0	20,339	14,247	142.8	57,749	57,118	101.1	268	135
N. C. ....	1,487,795	1,485,192	99.8	8,045	8,089	99.5	511,265	536,088	95.4	16,000	15,455
S. C. ....	1,639,891	1,646,011	99.1	3,682	3,821	96.4	396,112	425,965	93.0	855	090
Ga. ....	1,174,809	1,189,338	98.8	8,208	8,522	96.3	505,180	557,582	90.6	770	430
Fla. ....	1,010,687	1,032,633	97.9	61,808	60,923	101.5	293,137	309,964	94.6	1,285	868
E. S. C. ....	4,343,345	4,373,965	99.3	27,265	25,995	104.9	1,302,494	1,396,141	93.3	4,421	3,555
Ky. ....	1,307,038	1,358,984	100.6	8,052	8,016	100.4	99,360	102,561	96.9	537	258
Tenn. ....	1,359,454	1,385,738	98.1	7,672	7,393	103.8	255,436	275,167	92.8	545	313
Ala. ....	1,026,567	1,040,211	98.6	7,147	6,666	107.2	468,501	511,086	91.7	1,365	1,170
Miss. ....	501,286	589,032	100.4	4,364	3,920	112.1	479,137	507,357	94.4	1,974	1,814
W. S. C. ....	5,860,337	5,843,139	100.3	175,614	158,110	111.1	1,177,966	1,254,062	93.9	35,430	32,864
Ark. ....	738,662	733,556	100.7	4,952	4,337	114.2	207,146	219,493	94.4	774	501
La. ....	876,603	891,196	98.4	15,311	13,573	112.8	424,771	457,657	92.8	2,481	1,924
Okla. ....	1,007,806	1,005,814	100.2	9,517	9,389	101.4	70,425	75,078	93.8	27,807	27,515
Tex. ....	3,237,316	3,212,573	100.8	145,834	130,811	111.5	475,624	501,834	94.8	4,368	2,834
Mt. ....	2,343,107	2,264,420	103.5	129,223	108,884	118.7	34,771	31,658	109.8	84,817	78,118
Mont. ....	374,684	253,955	108.3	24,431	18,685	130.7	695	537	129.4	9,313	8,441
Idaho. ....	288,350	273,698	105.4	10,973	8,494	130.1	573	477	120.1	3,341	2,851
Wyo. ....	142,987	127,732	111.9	7,908	5,382	146.9	1,653	904	182.9	2,305	1,658
Colo. ....	618,883	618,788	100.0	31,373	27,614	113.6	10,205	9,972	102.3	4,088	3,571
N. Mex. ....	311,838	301,097	103.6	9,719	7,617	127.6	4,394	4,014	109.5	21,930	20,975
Ariz. ....	306,815	302,102	101.6	23,401	22,193	105.4	13,430	12,544	107.1	35,413	33,689
Utah. ....	326,068	320,997	101.6	14,939	14,905	100.2	1,583	1,176	132.1	5,076	4,148
Nev. ....	73,182	66,196	110.6	6,479	4,051	159.9	2,238	2,034	111.5	3,088	2,785
Pac. ....	6,230,305	6,238,546	99.9	656,943	603,008	108.9	252,586	251,806	100.3	152,422	100,916
Wash. ....	1,086,453	1,039,037	104.6	101,621	89,380	113.7	17,417	13,274	131.2	18,355	13,421
Oreg. ....	714,480	699,036	102.2	45,123	38,489	117.2	5,961	5,568	107.1	7,212	5,472
Calif. ....	4,429,367	4,500,473	98.4	510,199	475,134	107.4	229,208	232,964	98.4	126,855	82,023

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.

## No. 30.—POPULATION, BY RACE AND NATIVITY: 1890 TO 1950

[See also *Historical Statistics, 1789-1945*, series B 18-23, B 41-47]

CLASS	1890	1900	1910	1920	1930	1940	1950
<b>All classes</b> .....	62,947,714	75,994,575	91,972,266	105,710,620	122,775,046	131,669,275	150,697,361
White.....	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,214,870	134,942,028
Negro.....	7,488,676	8,833,994	9,827,763	10,463,131	11,891,143	12,865,518	15,042,286
Indian.....	248,253	237,196	265,683	244,437	332,397	333,969	345,410
Chinese.....	107,488	89,863	71,531	61,639	74,954	77,504	117,629
Japanese.....	2,039	24,326	72,157	111,010	138,834	126,947	141,768
All other <sup>1</sup> .....	—	—	3,175	9,488	50,973	50,467	110,240
<b>Native (all races)</b> .....	53,698,154	65,653,299	78,456,380	91,789,028	108,570,897	120,074,379	<sup>2</sup> 139,868,715
<b>Foreign born (all races)</b> .....	9,249,560	10,341,276	13,515,886	13,920,692	14,204,149	11,594,896	<sup>2</sup> 10,347,395
<b>Native white</b> .....	45,979,391	56,595,379	68,386,412	81,108,161	96,303,335	106,795,732	124,780,860
<b>Foreign-born white</b> .....	9,121,867	10,213,817	13,345,545	13,712,754	13,983,405	11,419,138	10,161,168
<b>Percent of total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	87.5	87.9	88.9	89.7	89.8	89.8	89.5
Negro.....	11.9	11.6	10.7	9.9	9.7	9.8	10.0
Indian.....	0.4	0.3	0.3	0.2	0.3	0.3	0.2
Chinese.....	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Japanese.....	( <sup>3</sup> )	( <sup>3</sup> )	0.1	0.1	0.1	0.1	0.1
All other <sup>1</sup> .....	—	—	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Native (all races)</b> .....	85.3	86.4	85.3	86.8	88.4	91.2	<sup>2</sup> 93.1
<b>Foreign born (all races)</b> .....	14.7	13.6	14.7	13.2	11.6	8.8	<sup>2</sup> 6.9
<b>Native white</b> .....	73.0	74.5	74.4	76.7	78.4	81.1	82.8
<b>Foreign-born white</b> .....	14.5	13.4	14.5	13.0	11.4	8.7	6.7

<sup>1</sup> Comprises Asiatic Indians, Koreans, Polynesians, Indonesians, and other nonwhite races.<sup>2</sup> Based on 20-percent sample.<sup>3</sup> Less than 0.1 percent.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

## No. 31.—WHITE POPULATION, BY NATIVITY AND PARENTAGE: 1890 TO 1950

[Data for native white based on 5-percent sample for 1940; for foreign or mixed parentage based on 5-percent sample for 1940, on 20-percent sample for 1950. Native of native parentage for 1940 and 1950 obtained by subtraction]

CLASS	1890	1900	1910	1920	1930	1940	1950
<b>Total white</b> .....	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,701,558	134,942,028
Native white.....	45,979,391	56,595,379	68,386,412	81,108,161	96,303,335	107,282,420	124,780,860
Native parentage.....	34,475,716	40,949,392	49,488,575	58,421,957	70,400,952	84,124,840	101,191,375
Foreign or mixed parentage.....	11,503,675	15,646,017	18,897,837	22,686,204	25,902,383	23,157,580	23,589,485
Foreign.....	8,065,019	10,632,280	12,816,311	15,694,539	17,407,527	15,185,740	14,824,095
Mixed.....	3,418,656	5,013,737	5,981,526	6,991,665	8,494,856	7,971,840	8,765,390
Foreign-born white.....	9,121,867	10,213,817	13,345,545	13,712,754	13,983,405	11,419,138	10,161,168
<b>PERCENT OF TOTAL POPULATION</b>							
<b>Total white</b> .....	87.5	87.9	88.9	89.7	89.8	89.8	89.5
Native white.....	73.0	74.5	74.4	76.7	78.4	81.2	82.8
Native parentage.....	54.8	53.9	53.8	55.3	57.3	63.7	67.1
Foreign or mixed parentage.....	15.3	20.6	20.5	21.5	21.1	17.5	15.7
Foreign.....	12.8	14.0	14.0	14.8	14.2	11.5	9.8
Mixed.....	5.4	6.6	6.5	6.6	6.9	6.0	5.8
Foreign-born white.....	14.5	13.4	14.5	13.0	11.4	8.6	6.7

Source: Department of Commerce, Bureau of the Census; 15th Census Reports, *Population*, Vol. II; special report of 16th Census, *Nativity and Parentage of the White Population—General Characteristics*; *U. S. Census of Population: 1950*, Vol. IV, Part 3A.

## No. 32.—SELECTED CHARACTERISTICS OF THE NONWHITE POPULATION, BY RACE: 1950

[Statistics for races other than Negro based on complete count except as noted. Statistics for Negroes obtained by subtracting totals for the other races from the nonwhite totals. Figures may differ from those for corresponding items in other tables, because of different tabulations; see text, p. 1. See also *Historical Statistics, 1789-1945*, series B 40-47]

ITEM	Total nonwhite	Negro	Indian	Japanese	Chinese	Filipino	All other <sup>1</sup>
<b>AGE</b>							
<b>Total, all ages</b>	15,755,333	15,044,598	342,226	141,365	117,140	61,636	48,368
Under 5 years	1,979,067	1,884,219	51,988	14,504	13,628	7,153	7,575
5 to 14 years	3,027,851	2,887,649	87,876	18,982	13,671	7,807	11,866
15 to 24 years	2,588,720	2,461,965	63,951	25,385	20,739	7,040	9,640
25 to 34 years	2,478,132	2,365,470	43,084	33,662	21,921	6,400	7,295
35 to 44 years	2,201,596	2,115,647	34,406	12,414	17,580	16,681	4,808
45 to 54 years	1,637,860	1,567,739	25,891	13,221	15,216	12,534	3,259
55 to 64 years	946,257	902,641	16,986	12,221	9,007	3,260	2,142
65 years and over	895,850	859,268	18,044	10,676	5,378	761	1,723
<b>MARITAL STATUS<sup>2</sup></b>							
<b>Total, 14 years old and over</b>	10,997,555	10,509,140	210,609	109,453	91,181	47,272	29,900
Single	2,685,585	2,515,516	67,525	40,062	31,162	20,322	10,998
Married	6,949,065	6,670,805	120,846	62,080	54,825	23,732	16,777
Widowed or divorced	1,362,905	1,322,819	22,238	7,311	5,194	3,218	2,125
<b>YEARS OF SCHOOL COMPLETED<sup>3</sup></b>							
<b>Total, 14 years old and over</b>	10,997,555	10,508,185	211,295	109,410	90,615	47,795	30,255
No school years completed	581,330	524,880	33,805	2,095	13,320	3,460	3,170
Elementary:							
1 to 4 years	2,354,110	2,295,855	29,100	4,400	10,805	7,885	6,065
5 to 7 years	3,009,330	2,925,425	47,460	7,285	11,380	9,200	7,580
8 years	1,327,130	1,263,795	32,585	13,760	8,575	5,540	2,875
High school:							
1 to 3 years	1,855,800	1,782,860	34,090	15,470	11,455	7,935	3,990
4 years	908,610	885,595	17,295	43,140	14,255	6,125	2,200
College:							
1 to 3 years	341,965	313,750	4,560	11,795	7,465	2,945	1,450
4 years or more	199,705	180,830	1,965	6,890	7,125	1,470	1,455
School years not reported	359,515	334,195	10,405	3,975	6,235	3,235	1,470
<b>EMPLOYMENT STATUS<sup>3</sup></b>							
<b>Total, 14 years old and over</b>	10,997,555	10,509,140	210,609	109,453	91,181	47,272	29,900
Labor force	6,167,475	5,908,826	85,635	67,358	53,160	35,254	16,242
Civilian labor force	6,098,990	5,847,447	84,996	66,450	52,773	31,737	15,578
Employed	5,618,365	5,388,030	74,697	63,600	48,411	28,818	14,809
Unemployed	480,625	459,417	10,299	2,859	4,362	2,919	760
Not in labor force	4,830,080	4,600,314	123,974	42,095	38,021	12,018	13,658
<b>MAJOR OCCUPATION GROUP<sup>4</sup></b>							
<b>Total employed, 14 years old and over</b>	5,607,250	5,376,917	74,697	63,600	48,409	28,818	14,809
Professional, technical, and kindred workers	190,510	179,188	2,225	4,280	3,455	649	713
Farmers and farm managers	529,230	502,088	14,327	6,972	592	1,515	3,736
Managers, officials, and proprietors, except farm	111,280	94,966	1,308	4,453	9,578	501	476
Clerical, sales, and kindred workers	273,020	250,606	3,130	9,051	7,722	1,292	619
Craftsmen, foremen, and kindred workers	205,470	282,427	6,376	3,455	1,390	1,194	628
Operatives and kindred workers	1,041,880	1,009,849	11,257	8,318	8,275	2,981	1,200
Private household workers	830,360	821,623	2,341	4,065	1,260	799	272
Service workers, exc. private household	853,610	820,699	4,880	5,491	13,940	7,859	741
Farm laborers, unpaid family workers			5,776	2,334	94	119	2,666
Farm laborers, except unpaid and farm foremen	537,180	498,046					
Laborers, except farm and mine	863,100	844,163	8,319	7,824	566	9,507	1,929
Occupation not reported	81,610	73,262	10,052	5,958	829	835	1,263
			799		708	1,567	566
<b>INCOME IN 1949<sup>5</sup></b>							
<b>All persons, 14 years old and over</b>	10,997,555	10,508,185	211,295	109,410	90,615	47,795	30,255
Persons with income	6,732,580	6,451,000	112,010	68,640	51,455	33,725	15,750
Less than \$500	2,048,165	1,979,295	44,200	9,660	6,315	3,430	5,265
\$500 to \$999	1,430,855	1,378,230	26,295	9,850	7,405	6,050	3,025
\$1,000 to \$1,499	999,535	902,055	13,425	8,800	7,385	5,605	2,295
\$1,500 to \$1,999	781,225	749,235	9,095	8,775	7,720	4,705	1,605
\$2,000 to \$2,999	1,046,275	994,295	12,225	17,310	12,380	8,000	2,065
\$3,000 to \$4,999	383,270	352,005	5,645	10,920	7,675	5,325	1,100
\$5,000 and over	43,255	35,285	1,125	3,265	2,575	610	395
Median income—dollars	961	952	725	1,839	1,799	1,689	931
Income not reported	847,850	800,015	22,215	7,540	9,495	5,460	3,125

<sup>1</sup> Comprises Asiatic Indians, Koreans, Polynesians, Indonesians, and other nonwhite races.

<sup>2</sup> Total nonwhite data based on 20-percent sample; see source for sampling variability.

<sup>3</sup> Based on 20-percent sample; see source for sampling variability.

<sup>4</sup> Total nonwhite data based on 3½-percent sample; see source for sampling variability.

<sup>5</sup> Includes persons without income.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 3B (as revised).

# No. 33.—NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK, BY STATES: 1940 and 1950

[Data for foreign-born white based on complete count; for native white of foreign or mixed parentage, based on 5-percent sample for 1940, and 20-percent sample for 1950. See source for sampling variability]

STATE	1940				1950			
	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage
	Number	Percent			Number	Percent		
<b>United States.....</b>	<b>34,576,718</b>	<b>100.0</b>	<b>11,419,138</b>	<b>23,157,580</b>	<b>33,750,653</b>	<b>100.0</b>	<b>10,161,168</b>	<b>23,589,485</b>
<b>New England:</b>								
Maine.....	257,921	0.7	83,641	174,280	245,477	0.7	74,342	171,135
New Hampshire.....	207,336	0.6	68,296	139,040	191,664	0.6	58,134	133,530
Vermont.....	102,907	0.3	31,727	71,180	96,423	0.3	28,753	67,670
Massachusetts.....	2,408,072	7.0	848,852	1,559,220	2,272,919	6.7	713,690	1,559,220
Rhode Island.....	416,124	1.2	137,784	278,340	387,429	1.1	113,284	274,165
Connecticut.....	954,381	2.8	327,941	626,440	964,354	2.9	297,859	666,495
<b>Middle Atlantic:</b>								
New York.....	7,133,650	20.6	2,853,530	4,280,120	6,803,774	20.2	2,500,429	4,303,345
New Jersey.....	1,971,350	5.7	695,810	1,275,540	2,013,656	6.0	630,761	1,382,895
Pennsylvania.....	3,128,960	9.0	973,260	2,155,700	2,830,289	8.4	776,609	2,053,680
<b>East North Central:</b>								
Ohio.....	1,650,306	4.8	519,266	1,131,040	1,578,548	4.7	443,158	1,135,390
Indiana.....	394,291	1.1	110,631	283,660	400,980	1.2	100,630	300,350
Illinois.....	2,933,233	8.5	969,373	1,963,860	2,684,567	8.0	783,277	1,901,290
Michigan.....	2,010,350	5.8	683,030	1,327,320	1,967,465	5.8	603,735	1,363,730
Wisconsin.....	1,199,194	3.5	288,774	910,420	1,059,349	3.1	218,234	841,115
<b>West North Central:</b>								
Minnesota.....	1,203,724	3.5	294,904	908,820	1,022,641	3.0	210,231	812,410
Iowa.....	580,585	1.7	117,245	463,340	482,637	1.4	84,582	398,055
Missouri.....	479,285	1.4	114,125	365,160	403,865	1.2	92,050	311,815
North Dakota.....	323,632	0.9	74,272	249,360	241,442	0.7	49,232	192,210
South Dakota.....	221,392	0.6	44,052	177,340	173,752	0.5	30,767	142,985
Nebraska.....	372,793	1.1	81,853	290,940	299,168	0.9	57,273	241,895
Kansas.....	263,672	0.8	51,412	212,260	217,997	0.6	38,577	179,420
<b>South Atlantic:</b>								
Delaware.....	45,973	0.1	14,833	31,140	48,304	0.1	13,844	34,460
Maryland.....	265,495	0.8	81,715	183,780	313,005	0.9	84,440	228,565
Dist. of Columbia.....	100,314	0.3	34,014	66,300	120,332	0.4	39,497	80,835
Virginia.....	73,987	0.2	22,987	51,000	128,920	0.4	35,070	93,850
West Virginia.....	131,202	0.4	41,782	89,420	110,821	0.3	34,586	76,235
North Carolina.....	25,326	0.1	9,046	16,280	46,334	0.1	16,134	30,200
South Carolina.....	15,895	0.04	4,915	10,980	24,148	0.1	7,503	16,645
Georgia.....	37,576	0.1	11,916	25,660	51,405	0.2	16,730	34,675
Florida.....	180,921	0.5	69,861	111,060	336,991	1.0	122,731	214,260
<b>East South Central:</b>								
Kentucky.....	76,331	0.2	15,631	60,700	75,973	0.2	16,068	59,905
Tennessee.....	41,080	0.1	11,320	29,760	51,210	0.2	15,065	36,145
Alabama.....	38,057	0.1	11,957	26,100	46,378	0.1	13,813	32,565
Mississippi.....	22,988	0.1	5,988	17,000	25,269	0.1	8,314	16,955
<b>West South Central:</b>								
Arkansas.....	33,292	0.1	7,692	25,600	33,479	0.1	9,289	24,190
Louisiana.....	110,952	0.3	27,272	83,680	116,124	0.3	28,884	87,240
Oklahoma.....	98,319	0.3	20,359	77,960	84,461	0.3	18,906	65,555
Texas.....	811,808	2.3	234,388	577,420	932,280	2.8	276,645	655,635
<b>Mountain:</b>								
Montana.....	200,662	0.6	55,642	145,020	168,184	0.5	43,119	125,065
Idaho.....	103,716	0.3	24,116	79,600	88,427	0.3	19,407	69,020
Wyoming.....	61,259	0.2	16,779	44,480	53,490	0.2	13,290	40,200
Colorado.....	260,011	0.7	70,471	189,540	244,897	0.7	58,987	185,910
New Mexico.....	54,047	0.2	15,247	38,800	60,621	0.2	17,336	43,285
Arizona.....	122,817	0.4	36,837	85,980	156,999	0.5	45,594	110,505
Utah.....	158,738	0.4	32,238	106,440	135,158	0.4	29,844	105,315
Nevada.....	32,719	0.1	10,599	22,120	34,795	0.1	10,530	24,265
<b>Pacific:</b>								
Washington.....	591,803	1.7	203,163	388,640	633,421	1.9	191,001	442,420
Oregon.....	281,279	0.8	87,639	193,640	309,042	0.9	83,612	225,430
California.....	2,406,993	6.9	870,893	1,536,100	2,982,338	8.8	985,333	1,997,055

Source: Department of Commerce, Bureau of the Census: special report of Sixteenth Census, *Nativity and Parentage of the White Population—General Characteristics*; U. S. Census of Population: 1950, Vol. IV, Part 3A.

# No. 34.—NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK, BY COUNTRY OF ORIGIN: 1940 AND 1950

[Data for foreign-born white based on complete count; for native white of foreign or mixed parentage, based on 5-percent sample for 1940, and 20-percent sample for 1950. See source for sampling variability]

COUNTRY OF BIRTH	1940				1950			
	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage
	Number	Percent			Number	Percent		
<b>All countries</b> .....	<b>34,576,718</b>	<b>100.0</b>	<b>11,419,138</b>	<b>23,157,580</b>	<b>33,750,653</b>	<b>100.0</b>	<b>10,161,168</b>	<b>23,589,485</b>
England and Wales.....	2,124,235	6.1	657,335	1,466,900	2,027,845	6.0	584,615	1,443,230
Scotland.....	725,861	2.1	279,321	446,540	707,525	2.1	244,200	463,325
Northern Ireland.....	377,236	1.1	106,416	270,820	45,288	0.1	15,398	20,890
Ireland (Eire).....	2,410,951	7.0	572,031	1,838,920	2,306,456	7.1	504,961	1,801,495
Norway.....	924,688	2.7	262,089	662,600	854,674	2.5	202,294	652,380
Sweden.....	1,301,300	3.8	445,070	856,320	1,189,630	3.5	324,044	864,695
Denmark.....	443,815	1.3	138,175	305,640	426,607	1.3	107,897	318,710
Netherlands.....	372,384	1.1	111,004	261,320	374,668	1.1	102,133	272,535
Belgium.....	130,358	0.4	53,958	76,400	135,391	0.4	52,891	85,500
Switzerland.....	293,973	0.9	88,293	205,680	287,176	0.9	71,515	215,660
France.....	349,050	1.0	102,030	246,120	361,689	1.1	107,924	253,665
Germany.....	5,236,612	15.1	1,237,772	3,998,840	4,726,946	14.0	984,331	3,742,615
Poland.....	2,905,850	8.4	993,479	1,912,380	2,786,199	8.3	861,184	1,925,015
Czechoslovakia.....	984,591	2.8	319,971	664,620	984,153	2.9	278,268	705,880
Austria.....	1,261,246	3.6	479,906	781,340	1,225,250	3.6	408,785	816,465
Hungary.....	662,068	1.9	290,228	371,840	705,102	2.1	268,022	437,080
Yugoslavia.....	383,393	1.1	161,093	222,300	383,876	1.1	143,956	239,920
U. S. S. R.....	2,610,244	7.5	1,040,884	1,569,360	2,542,264	7.5	894,844	1,647,420
Lithuania.....	394,811	1.1	165,771	229,040	397,590	1.2	147,765	249,825
Finland.....	284,290	0.8	117,210	167,080	267,876	0.8	95,506	172,370
Rumania.....	247,700	0.7	115,940	131,760	215,052	0.6	84,982	130,100
Greece.....	326,672	0.9	163,252	163,420	364,318	1.1	169,083	195,235
Italy.....	4,594,780	13.3	1,623,580	2,971,200	4,570,550	13.5	1,427,145	3,143,405
Spain.....	109,407	0.3	47,707	61,700	115,055	0.3	45,565	69,490
Portugal.....	176,407	0.5	62,347	114,060	172,012	0.5	54,337	117,675
Other Europe.....	132,211	0.4	60,511	71,700	214,405	0.6	86,375	128,030
Asia.....	341,541	1.0	154,321	187,220	419,549	1.2	180,024	239,525
Canada-French.....	908,386	2.6	273,366	635,020	757,904	2.2	238,409	519,495
Canada-other.....	2,048,774	5.9	792,114	1,256,660	2,224,478	6.6	756,163	1,468,325
Mexico.....	1,076,653	3.1	377,433	699,220	1,342,542	4.0	450,592	891,950
Other America.....	133,282	0.6	66,942	66,340	221,537	0.7	120,297	101,240
All other and not reported.....	303,850	0.9	58,630	245,220	304,133	0.9	146,833	157,300

Source: Department of Commerce, Bureau of the Census; special report of the Sixteenth Census, *Nativity and Parentage of the White Population—Country of Origin*; U. S. Census of Population: 1950, Vol. IV, Part 3A.

## No. 35.—POPULATION 21 YEARS OLD AND OVER, BY SEX, CITIZENSHIP, AND NATIVITY, BY STATES: 1950

(See also *Historical Statistics, 1789-1945*, series B 244-250, 258, and 272)

STATE	Total, 21 years old and over	SEX		CITIZENSHIP					FOREIGN BORN	
		Male	Female	Citizen			Alien	Citi- zen- ship not re- ported	Total, 21 years old and over	Per- cent nat- ural- ized
				All citi- zens	Native	Natu- ralized				
<b>U. S. ....</b>	<b>97,403,307</b>	<b>47,853,694</b>	<b>49,549,613</b>	<b>94,802,019</b>	<b>87,330,121</b>	<b>7,471,898</b>	<b>1,870,005</b>	<b>731,283</b>	<b>10,073,186</b>	<b>74.2</b>
<b>N. E.:</b>										
Maine .....	576,840	283,509	293,331	552,006	504,064	47,132	19,319	5,425	71,876	65.6
N. H. ....	352,780	171,020	181,760	337,585	295,955	41,630	11,053	4,142	56,825	73.3
Vt. ....	237,552	116,699	120,853	229,500	210,288	19,202	6,400	1,652	27,254	70.5
Mass. ....	3,200,104	1,520,510	1,685,594	3,038,401	2,408,008	540,493	124,845	42,798	708,096	76.3
R. I. ....	538,124	259,066	278,458	514,000	425,657	88,352	17,810	6,305	112,407	78.6
Conn. ....	1,382,373	670,521	711,852	1,297,483	1,089,300	208,183	62,739	22,151	293,073	71.0
<b>M. A.:</b>										
N. Y. ....	10,374,446	4,994,000	5,380,386	9,796,079	7,869,379	1,926,700	436,252	142,115	2,505,067	76.9
N. J. ....	3,354,160	1,628,358	1,725,802	3,217,130	2,733,221	483,909	100,099	30,931	620,939	77.9
Pa. ....	6,997,219	3,408,977	3,588,242	6,829,625	6,231,007	598,618	101,426	60,108	766,212	78.1
<b>E. N. C.:</b>										
Ohio ....	5,279,761	2,586,095	2,693,666	5,181,253	4,844,999	336,254	68,327	30,181	434,762	77.3
Ind. ....	2,556,467	1,251,119	1,295,348	2,531,980	2,459,062	72,928	15,875	8,602	97,405	74.9
Ill. ....	5,958,061	2,925,046	3,033,555	5,801,882	5,183,837	618,045	94,294	62,455	774,764	79.8
Mich. ....	4,106,600	2,096,908	2,039,698	3,963,014	3,515,081	447,933	100,143	43,449	591,625	75.7
Wis. ....	2,222,423	1,112,077	1,109,746	2,184,093	2,007,432	176,661	20,420	17,910	214,917	82.2
<b>W. N. C.:</b>										
Minn. ....	1,910,183	958,369	951,784	1,873,320	1,703,035	170,291	19,217	17,610	207,118	82.2
Iowa ....	1,694,619	840,331	854,288	1,676,470	1,612,069	64,407	9,073	9,070	82,550	78.0
Mo. ....	2,643,123	1,281,230	1,361,890	2,619,739	2,553,444	66,295	11,830	11,564	89,685	78.9
N. Dak. ....	366,590	194,439	172,151	358,562	318,208	40,354	3,137	4,891	48,382	83.4
S. Dak. ....	401,146	209,349	191,797	396,511	371,136	25,355	2,189	2,446	29,990	84.5
Nebr. ....	860,391	431,142	429,249	846,047	804,205	41,752	5,697	8,047	50,096	74.4
Kans. ....	1,242,541	616,047	626,494	1,231,331	1,205,249	26,082	5,970	5,240	37,292	69.9
<b>S. A.:</b>										
Del. ....	210,918	103,149	107,769	207,410	197,406	10,004	2,269	1,249	13,512	74.0
Md. ....	1,527,089	752,882	774,207	1,500,329	1,445,339	54,990	10,129	7,631	81,750	67.3
D. C. ....	583,338	298,844	314,494	570,093	543,441	26,652	9,842	3,403	39,897	66.8
Va. ....	2,025,339	1,011,519	1,013,820	2,013,357	1,992,413	20,944	8,216	3,766	32,926	63.6
W. Va. ....	1,171,878	587,373	584,505	1,160,622	1,138,367	22,255	8,466	2,790	33,511	66.4
N. C. ....	2,311,071	1,130,024	1,181,047	2,304,989	2,296,768	8,216	3,920	2,152	14,288	57.5
S. C. ....	1,150,867	554,065	596,782	1,148,289	1,143,909	4,380	1,601	977	6,958	62.0
Ga. ....	2,008,828	964,109	1,044,719	2,003,171	1,993,286	9,885	3,483	2,174	15,545	63.6
Fla. ....	1,823,513	887,957	935,556	1,790,517	1,696,355	94,161	23,905	9,091	127,157	74.1
<b>E. S. C.:</b>										
Ky. ....	1,742,978	864,430	878,548	1,737,664	1,728,100	9,564	3,125	2,189	14,878	64.3
Tenn. ....	1,978,548	961,147	1,017,401	1,973,444	1,964,702	8,742	3,277	1,827	13,846	63.1
Ala. ....	1,747,759	843,927	903,832	1,743,611	1,734,473	9,138	2,517	1,631	13,886	68.8
Miss. ....	1,208,023	587,284	620,739	1,204,791	1,200,131	4,660	2,172	1,000	7,892	59.0
<b>W. S. C.:</b>										
Ark. ....	1,112,860	550,158	562,708	1,109,935	1,104,029	5,906	1,818	1,113	8,837	66.8
La. ....	1,587,145	770,580	816,565	1,577,244	1,559,048	18,196	6,820	3,081	28,097	64.8
Okla. ....	1,382,108	682,993	699,115	1,375,350	1,364,263	12,087	3,377	2,381	17,845	67.7
Tex. ....	4,737,225	2,351,820	2,385,405	4,587,285	4,491,044	96,241	128,038	21,902	246,181	39.1
<b>Mt.:</b>										
Mont. ....	372,345	198,368	173,977	364,203	329,984	34,219	4,420	3,722	42,361	80.8
Idaho ....	349,016	181,675	167,341	343,811	329,614	14,197	3,365	1,840	19,402	73.2
Wyo. ....	178,581	96,131	82,450	175,136	165,414	9,722	2,294	1,151	13,167	73.8
Colo. ....	844,748	420,846	423,902	826,964	785,632	41,332	13,189	4,595	59,116	69.9
N. Mex. ....	375,387	192,582	182,805	367,433	359,683	7,750	6,348	1,606	15,704	49.4
Ariz. ....	441,889	223,303	218,586	421,146	397,585	23,561	17,257	3,489	44,304	53.2
Utah ....	389,843	196,181	193,662	380,051	360,352	19,699	6,235	3,557	29,491	66.8
Nev. ....	107,173	57,810	49,363	103,662	96,592	7,070	2,630	881	10,581	66.8
<b>Pac.:</b>										
Wash. ....	1,559,266	799,604	750,662	1,507,730	1,367,785	140,001	36,316	15,164	191,481	73.1
Oreg. ....	1,001,716	509,726	491,990	980,192	918,268	61,924	15,192	6,332	83,448	74.2
Calif. ....	7,211,825	3,569,206	3,642,619	6,846,302	6,190,469	655,833	294,703	70,820	1,021,366	64.2

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

# No. 36.—NATIVE POPULATION, BORN IN STATE OF RESIDENCE AND BORN ELSEWHERE: 1850 TO 1950

[See also *Historical Statistics, 1789-1945*, series B 183-194]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying possessions	American citizens born abroad or at sea
			Number	Percent			
1850.....	1 17, 742, 961	13, 457, 049	4, 251, 250	24. 0	34, 662	-----	-----
1860.....	1 23, 353, 386	17, 527, 069	5, 774, 434	24. 7	49, 265	-----	2, 618
1870.....	32, 991, 142	25, 321, 340	7, 657, 320	23. 2	12, 262	51	169
1880.....	43, 475, 840	33, 882, 734	9, 592, 764	22. 1	-----	51	291
1890.....	2 53, 372, 703	41, 871, 611	11, 094, 108	20. 8	396, 652	322	10, 010
1900.....	65, 653, 299	51, 901, 722	13, 501, 045	20. 6	180, 458	2, 923	67, 151
1910.....	78, 456, 380	61, 185, 305	16, 910, 114	21. 6	285, 685	7, 365	67, 911
1920.....	91, 789, 928	71, 071, 013	20, 274, 450	22. 1	313, 582	38, 020	92, 893
1930.....	108, 570, 897	82, 677, 619	25, 388, 100	23. 4	238, 469	136, 032	130, 677
1940.....	120, 074, 379	92, 609, 764	26, 905, 986	22. 8	279, 514	156, 956	122, 169
1950 3.....	139, 868, 715	102, 788, 385	35, 284, 220	25. 2	1, 369, 785	329, 970	96, 355

1 White and free colored population only.

2 Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,451 not distributed by State of birth. These areas were not enumerated prior to 1890.

3 Based on sample of 1950 Census returns; see source for sampling variability.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 4A, and records.

# No. 37.—MOBILITY STATUS OF THE CIVILIAN POPULATION, BY SEX: 1955 TO 1957

[Figures based on Current Population Survey; see Technical Note, p. 201]

MOBILITY STATUS AND PERIOD	Total	Male	Female	PERCENT		
				Total	Male	Female
APRIL 1954 TO APRIL 1955						
Civilian population 1 year old and over, April 1955.....	158, 609, 000	77, 597, 000	81, 012, 000	100. 0	100. 0	100. 0
Same house (nonmovers).....	126, 190, 000	61, 287, 000	64, 903, 000	79. 6	79. 0	80. 1
Different house in United States (movers)....	31, 492, 000	15, 626, 000	15, 866, 000	19. 9	20. 1	19. 6
Same county.....	21, 086, 000	10, 419, 000	10, 667, 000	13. 3	13. 4	13. 2
Different county (migrants).....	10, 406, 000	5, 207, 000	5, 199, 000	6. 6	6. 7	6. 4
Within a State.....	5, 511, 000	2, 753, 000	2, 758, 000	3. 5	3. 5	3. 4
Between States.....	4, 895, 000	2, 454, 000	2, 441, 000	3. 1	3. 2	3. 0
Abroad on April 1, 1954.....	927, 000	684, 000	243, 000	0. 6	0. 9	0. 3
MARCH 1955 TO MARCH 1956						
Civilian population 1 year old and over, March 1956.....	161, 497, 000	79, 074, 000	82, 423, 000	100. 0	100. 0	100. 0
Same house (nonmovers).....	127, 457, 000	62, 144, 000	65, 313, 000	79. 0	78. 6	79. 2
Different house in United States (movers)....	33, 098, 000	16, 301, 000	16, 797, 000	20. 5	20. 6	20. 4
Same county.....	22, 186, 000	10, 769, 000	11, 417, 000	13. 7	13. 6	13. 9
Different county (migrants).....	10, 912, 000	5, 532, 000	5, 380, 000	6. 8	7. 0	6. 5
Within a State.....	5, 859, 000	2, 971, 000	2, 888, 000	3. 6	3. 8	3. 5
Between States.....	5, 053, 000	2, 561, 000	2, 492, 000	3. 1	3. 2	3. 0
Abroad on March 1, 1955.....	942, 000	629, 000	313, 000	0. 6	0. 8	0. 4
APRIL 1956 TO APRIL 1957						
Civilian population 1 year old and over, April 1957.....	164, 371, 000	80, 343, 000	84, 028, 000	100. 0	100. 0	100. 0
Same house (nonmovers).....	131, 648, 000	64, 105, 000	67, 540, 000	80. 1	79. 8	80. 4
Different house in United States (movers)....	31, 834, 000	15, 754, 000	16, 079, 000	19. 4	19. 6	19. 1
Same county.....	21, 566, 000	10, 671, 000	10, 892, 000	13. 1	13. 3	13. 0
Different county (migrants).....	10, 268, 000	5, 083, 000	5, 185, 000	6. 2	6. 3	6. 2
Within a State.....	5, 192, 000	2, 613, 000	2, 579, 000	3. 2	3. 3	3. 1
Between States.....	5, 076, 000	2, 470, 000	2, 606, 000	3. 1	3. 1	3. 1
Abroad on April 1, 1956.....	889, 000	480, 000	409, 000	0. 5	0. 6	0. 5

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.



# No. 38.—MOBILITY STATUS OF THE CIVILIAN POPULATION, BY SELECTED SOCIAL AND ECONOMIC CHARACTERISTICS: 1957

[In thousands. As of April; mobility period covers 1956 to 1957. Figures based on Current Population Survey; see Technical Note, p. 201]

CHARACTERISTIC	Total civilian popu- lation	Same house (non- movers)	DIFFERENT HOUSE IN THE UNITED STATES (movers)					Abroad on April 1, 1956
			Total	Same county	Different county (migrants)			
					Total	Within a State	Between States	
Total, 1 year old and over.....	164,371	131,648	31,834	21,566	10,268	5,192	5,076	889
AGE								
1 to 4 years.....	15,264	10,925	4,265	2,900	1,365	672	693	74
5 to 13 years.....	29,844	29,202	5,534	3,835	1,699	870	829	106
14 to 17 years.....	9,926	8,270	1,623	1,149	474	242	232	33
18 and 19 years.....	4,084	2,959	1,098	653	445	205	240	26
20 to 24 years.....	9,735	5,477	4,012	2,548	1,404	659	805	249
25 to 29 years.....	11,218	7,511	3,588	2,348	1,240	619	621	117
30 to 34 years.....	12,119	9,219	2,816	1,870	946	479	467	83
35 to 44 years.....	23,054	19,135	3,808	2,646	1,162	589	573	112
45 to 64 years.....	34,420	30,609	3,728	2,670	1,058	587	471	81
65 years and over.....	14,705	13,337	1,358	945	413	270	143	9
Median age.....years.....	30.9	33.5	24.2	24.4	23.9	24.6	23.4	24.1
COLOR (percent)								
White.....	100.0	80.4	19.0	12.5	6.5	3.3	3.2	0.6
Nonwhite.....	100.0	77.5	22.2	17.8	4.4	1.8	2.5	0.3
URBAN-RURAL RESIDENCE								
Urban.....	101,713	81,307	10,763	13,900	5,863	2,459	3,404	637
Rural nonfarm.....	42,967	33,436	9,321	5,873	3,448	2,092	1,356	211
Rural farm.....	19,694	16,907	2,746	1,791	955	638	317	40
EMPLOYMENT STATUS								
Male, 14 years old and over.....	57,328	46,039	10,878	7,303	3,575	1,851	1,724	408
In labor force.....	46,095	36,582	9,154	6,222	2,932	1,468	1,464	362
Armed Forces off post <sup>1</sup> .....	664	264	334	161	173	30	143	69
Employed.....	43,580	35,060	8,270	5,703	2,567	1,362	1,205	249
Unemployed.....	1,851	1,258	550	358	192	76	116	44
Not in labor force.....	11,232	9,459	1,725	1,085	640	382	258	47

<sup>1</sup> Members of Armed Forces living off post or with their families on post.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

## No. 39.—MOBILITY STATUS OF THE POPULATION, BY STATES: 1950

[Based on 20-percent sample; see source for sampling variability]

STATE	Total population, 1 year old and over	RESIDENCE IN 1949				PERCENT DISTRIBUTION				
		Same house as in 1950	Different house, same county	Differ- ent county or abroad	Resi- dence not re- ported	Total	Same house as in 1950	Differ- ent house, same county	Differ- ent county or abroad	Resi- dence not re- ported
United States.....	147,162,995	119,190,100	16,476,275	9,074,960	2,421,660	100.0	81.0	11.2	6.2	1.6
<b>New England:</b>										
Maine.....	889,455	763,680	81,565	36,000	8,210	100.0	85.9	9.2	4.0	0.9
New Hampshire.....	519,155	444,465	44,300	25,720	4,670	100.0	85.6	8.5	5.0	0.9
Vermont.....	367,385	307,165	36,815	20,130	3,275	100.0	83.6	10.0	5.5	0.9
Massachusetts.....	4,580,565	4,029,310	329,220	165,100	65,935	100.0	87.8	7.2	3.6	1.4
Rhode Island.....	773,650	659,900	56,610	32,320	24,760	100.0	85.3	7.3	4.2	3.2
Connecticut.....	1,960,580	1,711,410	153,200	67,100	28,870	100.0	87.3	7.8	3.4	1.5
<b>Middle Atlantic:</b>										
New York.....	14,531,260	12,701,260	899,655	579,415	350,930	100.0	87.4	6.2	4.0	2.4
New Jersey.....	4,732,425	4,117,780	325,215	225,340	64,090	100.0	87.0	6.9	4.8	1.4
Pennsylvania.....	10,272,065	9,008,420	795,066	312,460	156,120	100.0	87.7	7.7	3.0	1.5
<b>East North Central:</b>										
Ohio.....	7,741,200	6,441,860	848,825	342,830	107,685	100.0	83.2	11.0	4.4	1.4
Indiana.....	3,833,780	3,142,520	431,685	220,560	39,115	100.0	82.0	11.3	5.8	1.0
Illinois.....	8,513,800	7,130,945	858,710	384,065	140,080	100.0	83.8	10.1	4.5	1.6
Michigan.....	6,204,125	5,139,680	671,600	302,525	90,420	100.0	82.8	10.8	4.9	1.5
Wisconsin.....	3,346,430	2,833,525	327,885	156,120	28,900	100.0	84.7	9.8	4.7	0.9
<b>West North Central:</b>										
Minnesota.....	2,904,505	2,432,510	271,845	165,425	35,225	100.0	83.7	9.3	5.7	1.2
Iowa.....	2,572,965	2,111,610	267,750	156,760	46,845	100.0	82.1	10.0	6.1	1.8
Missouri.....	3,867,885	3,123,310	420,895	252,635	71,545	100.0	80.7	10.9	6.5	1.8
North Dakota.....	602,920	509,040	49,665	38,500	5,365	100.0	84.4	8.2	6.4	0.9
South Dakota.....	633,975	521,280	58,200	48,305	6,190	100.0	82.2	9.2	7.6	1.0
Nebraska.....	1,291,920	1,045,090	132,285	91,760	19,785	100.0	81.1	10.2	7.1	1.5
Kansas.....	1,860,005	1,467,460	204,620	157,255	30,670	100.0	78.9	11.0	8.5	1.6
<b>South Atlantic:</b>										
Delaware.....	309,560	261,865	29,750	12,845	5,100	100.0	84.6	9.6	4.1	1.6
Maryland.....	2,284,780	1,861,375	210,020	162,415	50,970	100.0	81.5	9.2	7.1	2.2
Dist. of Columbia.....	786,145	603,055	101,670	66,900	24,520	100.0	76.7	12.9	7.2	3.1
Virginia.....	3,261,850	2,588,050	313,960	259,355	100,485	100.0	79.3	9.6	8.0	3.1
West Virginia.....	1,956,180	1,621,915	213,980	98,290	21,000	100.0	83.0	10.9	5.0	1.1
North Carolina.....	3,988,510	3,151,175	527,525	232,810	47,000	100.0	79.6	12.3	5.9	1.2
South Carolina.....	2,061,565	1,646,200	281,145	108,160	26,000	100.0	79.9	13.6	5.2	1.3
Georgia.....	3,354,110	2,519,630	513,160	272,195	49,125	100.0	75.1	15.3	8.1	1.5
Florida.....	2,708,570	1,927,355	425,275	299,695	54,245	100.0	71.2	15.7	11.1	2.0
<b>East South Central:</b>										
Kentucky.....	2,871,795	2,311,945	363,015	162,505	34,330	100.0	80.5	12.6	5.7	1.2
Tennessee.....	3,212,420	2,478,885	481,230	207,120	45,185	100.0	77.2	15.0	6.4	1.4
Alabama.....	3,002,480	2,317,565	460,750	169,570	54,595	100.0	77.2	15.3	5.6	1.8
Mississippi.....	2,123,435	1,650,580	296,015	148,280	27,560	100.0	77.8	13.9	7.0	1.3
<b>West South Central:</b>										
Arkansas.....	1,863,360	1,398,175	292,195	154,720	18,270	100.0	75.0	15.7	8.3	1.0
Louisiana.....	2,625,085	2,114,080	308,100	148,865	54,040	100.0	80.5	11.7	5.7	2.1
Oklahoma.....	2,133,055	1,603,690	332,490	219,815	27,060	100.0	73.5	15.2	10.1	1.2
Texas.....	7,512,820	5,531,660	1,117,105	763,065	100,990	100.0	73.6	14.9	10.2	1.3
<b>Mountain:</b>										
Montana.....	574,280	441,300	68,025	56,130	8,825	100.0	76.8	11.8	9.8	1.5
Idaho.....	573,045	425,975	77,270	63,410	6,390	100.0	74.3	13.5	11.1	1.1
Wyoming.....	282,315	201,100	39,090	37,645	3,880	100.0	71.2	14.1	13.3	1.4
Colorado.....	1,290,475	951,325	170,280	149,720	19,160	100.0	73.7	13.2	11.6	1.5
New Mexico.....	690,340	479,130	87,385	82,865	10,960	100.0	72.6	13.2	12.5	1.7
Arizona.....	728,525	507,435	125,500	85,075	10,515	100.0	69.7	17.2	11.7	1.4
Utah.....	668,005	532,410	80,150	50,415	5,030	100.0	79.7	12.0	7.5	0.8
Nevada.....	150,055	107,735	22,610	22,885	2,825	100.0	69.0	14.5	14.7	1.8
<b>Pacific:</b>										
Washington.....	2,320,935	1,713,855	348,965	211,890	46,225	100.0	73.8	15.0	9.1	2.0
Oregon.....	1,484,225	1,076,775	221,795	164,135	21,620	100.0	72.5	14.9	11.1	1.4
California.....	10,344,020	7,520,580	1,712,810	893,510	217,120	100.0	72.7	16.6	8.6	2.1

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950, Vol. II, Part 1.*

**No. 40.—NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN, BY MARITAL STATUS,  
BY SELECTED CHARACTERISTICS: 1957**

[Number in thousands. As of March. Statistics based on Current Population Survey; see Technical Note, p. 201]

CHARACTERISTIC	WOMEN 15 TO 44 YEARS OLD				WOMEN 45 YEARS OLD AND OVER		
	Number of women	Children ever born		Per 1,000 women, standardized for age <sup>1</sup>	Number of women	Children ever born	
		Number	Per 1,000 women			Number	Per 1,000 women
WOMEN EVER MARRIED							
Residence.....	26,756	59,349	2,218	2,188	23,620	66,082	2,798
Urban.....	16,712	34,013	2,035	2,009	15,780	39,074	2,514
In urbanized areas.....	11,948	23,781	1,990	1,949	11,151	26,603	2,386
Areas of 3,000,000 or more.....	3,640	6,834	1,877	1,820	3,520	7,841	2,228
Areas of 1,000,000 to 3,000,000.....	2,774	5,494	1,981	1,987	2,518	5,961	2,367
Areas of 250,000 to 1,000,000.....	3,016	6,011	1,993	1,974	2,813	6,778	2,410
Areas of less than 250,000.....	2,518	5,442	2,181	2,128	2,300	6,023	2,619
Other urban areas.....	4,704	10,232	2,148	2,166	4,629	13,071	2,824
Places of 25,000 or more.....	1,210	2,634	2,177	2,207	1,101	3,192	2,899
Places of 2,500 to 25,000.....	3,554	7,598	2,188	2,150	3,528	9,879	2,800
Rural nonfarm.....	7,488	17,644	2,356	2,331	5,050	15,500	3,009
Rural farm.....	2,556	7,692	3,009	2,928	2,790	10,908	3,910
Color.....	26,756	59,349	2,218	2,188	23,620	66,082	2,798
White.....	23,825	51,548	2,164	2,130	21,600	59,691	2,759
Nonwhite.....	2,931	7,801	2,602	2,058	2,020	6,491	3,213
Years of school completed.....	26,756	59,349	2,218	2,188	23,620	66,082	2,798
Elementary: Less than 8 years.....	2,850	9,189	3,224	3,118	7,005	26,313	3,756
8 years.....	2,837	7,243	2,553	2,465	5,588	15,711	2,812
High school: 1 to 3 years.....	6,234	14,284	2,291	2,347	3,716	9,209	2,502
4 years.....	11,132	21,874	1,965	1,940	4,349	9,048	2,080
College: 1 to 3 years.....	2,170	4,052	1,807	1,812	1,491	2,882	1,933
4 years or more.....	1,362	2,425	1,780	1,592	955	1,482	1,552
School years not reported.....	171	282	1,649	(2)	516	1,347	2,610
Labor force status.....	26,756	59,349	2,218	2,188	23,620	66,082	2,798
In labor force.....	9,170	15,906	1,744	1,657	6,077	15,100	2,173
Not in labor force.....	17,586	43,353	2,465	2,456	16,643	50,922	3,060
Religion.....	26,756	59,349	2,218	2,188	23,620	66,082	2,798
Protestant.....	18,159	40,308	2,220	2,206	16,550	45,568	2,753
Baptist.....	6,020	14,202	2,359	2,381	4,224	13,835	3,275
Lutheran.....	1,762	3,547	2,013	1,967	1,870	4,455	2,382
Methodist.....	3,068	7,903	2,155	2,115	3,795	10,013	2,638
Presbyterian.....	1,495	2,092	2,001	1,922	1,445	3,161	2,188
Other Protestant.....	5,214	11,664	2,237	2,234	5,216	14,094	2,702
Roman Catholic.....	6,999	15,973	2,282	2,210	5,319	16,255	3,056
Jewish.....	746	1,305	1,749	(3)	905	2,007	2,218
Other, none, and not reported.....	852	1,763	2,069	2,075	846	2,262	2,674
WOMEN MARRIED AND HUSBAND PRESENT							
Income of husband in 1956 (percent).....	100.0	100.0	2,350	2,320	100.0	100.0	2,866
Under \$1,000.....	4.8	5.9	2,857	2,834	16.8	22.5	3,820
\$1,000 to \$1,999.....	6.9	7.8	2,671	2,868	14.0	16.7	3,414
\$2,000 to \$2,999.....	11.1	11.0	2,330	2,457	12.9	13.7	3,044
\$3,000 to \$3,999.....	17.0	16.4	2,267	2,343	13.2	12.8	2,794
\$4,000 to \$4,999.....	20.4	19.4	2,232	2,199	13.7	11.5	2,403
\$5,000 to \$6,999.....	25.0	25.2	2,306	2,205	16.0	12.9	2,300
\$7,000 and over.....	14.2	14.4	2,384	2,141	13.3	9.9	2,134
Major occupation group of employed civilian husband.....	22,133	51,849	2,343	2,298	11,326	30,674	2,708
Professional, technical, and kindred workers.....	2,372	4,734	1,996	1,921	926	1,767	1,908
Farmers and farm managers.....	1,224	3,854	3,149	3,003	1,367	5,508	4,029
Managers, officials, and proprietors, exc. farm.....	2,918	6,446	2,209	2,070	2,145	4,875	2,273
Clerical and kindred workers.....	1,436	2,706	1,884	1,903	671	1,523	2,270
Sales workers.....	1,311	2,696	2,056	2,015	547	1,143	2,090
Craftsmen, foremen, and kindred workers.....	4,583	11,393	2,333	2,267	2,304	5,907	2,564
Operatives and kindred workers.....	5,076	12,294	2,422	2,440	1,729	4,825	2,791
Service workers, incl. private household.....	983	2,238	2,277	2,217	846	2,285	2,701
Farm laborers and foremen.....	347	1,294	3,729	(4)	142	675	(3)
Laborers, exc. farm and mine.....	1,583	4,194	2,649	2,680	649	2,166	3,337

<sup>1</sup> Standard is the distribution by age of all women of corresponding marital status in the United States in 1950.

<sup>2</sup> Standardized rate not computed where there are fewer than 150,000 women in several component 5-year age groups.

<sup>3</sup> Rate not shown where base is less than 150,000.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

# No. 41.—NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN, BY AGE, BY STATES: 1950

[In thousands, except percents and rates. Statistics based on sample, see source for sampling variability]

STATE	WOMEN 15 TO 44 YEARS OLD					WOMEN 45 TO 49 YEARS OLD				
	Number of women	Percent child-less	Children ever born			Number of women	Percent child-less	Children ever born		
			Number	Per 1,000 women	Per 1,000 women ever married			Number	Per 1,000 women	Per 1,000 women ever married
<b>United States</b> .....	34,295	42.1	47,788	1,393	1,859	4,480	26.8	10,268	2,292	2,492
<b>New England:</b>										
Maine.....	194	41.2	291	1,501	2,076	26	25.3	66	2,553	2,805
New Hampshire.....	112	41.8	156	1,394	1,970	16	26.5	37	2,264	2,524
Vermont.....	80	41.3	125	1,568	2,226	10	24.2	28	2,713	3,013
Massachusetts.....	1,053	47.9	1,249	1,186	1,802	154	31.8	307	2,000	2,345
Rhode Island.....	179	47.0	208	1,161	1,703	25	32.2	50	1,999	2,304
Connecticut.....	474	45.5	561	1,183	1,685	59	32.0	111	1,875	2,180
<b>Middle Atlantic:</b>										
New York.....	3,502	46.5	3,946	1,127	1,605	511	30.7	911	1,784	1,993
New Jersey.....	1,135	44.9	1,308	1,152	1,587	156	27.0	302	1,937	2,129
Pennsylvania.....	2,448	44.8	3,099	1,266	1,796	318	26.9	727	2,288	2,547
<b>East North Central:</b>										
Ohio.....	1,785	41.8	2,461	1,379	1,818	246	25.7	539	2,194	2,362
Indiana.....	876	40.0	1,250	1,427	1,839	115	23.6	272	2,363	2,525
Illinois.....	1,993	43.4	2,490	1,249	1,687	277	29.3	547	1,979	2,173
Michigan.....	1,449	40.6	2,055	1,418	1,859	184	25.6	405	2,198	2,331
Wisconsin.....	733	41.9	1,048	1,431	1,985	100	25.6	228	2,285	2,518
<b>West North Central:</b>										
Minnesota.....	639	43.1	912	1,427	2,015	86	27.8	195	2,281	2,670
Iowa.....	547	40.0	808	1,476	1,965	78	22.8	189	2,466	2,686
Missouri.....	870	43.4	1,172	1,347	1,768	128	29.9	284	2,220	2,408
North Dakota.....	130	40.5	209	1,690	2,253	15	20.2	47	3,172	3,504
South Dakota.....	134	40.7	202	1,508	2,066	17	19.9	47	2,773	2,984
Nebraska.....	281	41.9	390	1,385	1,871	40	24.6	94	2,371	2,564
Kansas.....	408	39.8	565	1,385	1,794	53	27.9	122	2,285	2,468
<b>South Atlantic:</b>										
Delaware.....	73	44.7	93	1,271	1,702	10	26.3	22	2,126	2,307
Maryland.....	557	42.5	737	1,324	1,749	69	28.8	146	2,100	2,288
Dist. of Columbia.....	217	55.8	201	925	1,338	28	40.3	44	1,546	1,806
Virginia.....	765	43.0	1,128	1,474	1,970	90	27.2	230	2,569	2,799
West Virginia.....	450	40.3	738	1,639	2,199	54	21.9	165	3,033	3,221
North Carolina.....	959	43.0	1,529	1,594	2,166	102	21.8	321	3,130	3,395
South Carolina.....	491	42.0	846	1,725	2,345	51	21.5	157	3,089	3,339
Georgia.....	804	42.2	1,314	1,633	2,096	94	25.4	264	2,805	2,994
Florida.....	642	41.5	913	1,422	1,761	90	26.5	200	2,226	2,322
<b>East South Central:</b>										
Kentucky.....	638	40.1	1,050	1,645	2,174	78	24.7	234	3,010	3,237
Tennessee.....	767	41.0	1,194	1,556	2,027	92	24.9	201	2,834	3,033
Alabama.....	710	40.2	1,197	1,687	2,203	84	22.7	252	3,011	3,222
Mississippi.....	482	39.2	874	1,813	2,334	59	21.5	187	3,175	3,351
<b>West South Central:</b>										
Arkansas.....	410	37.7	715	1,744	2,213	54	19.2	174	3,209	3,360
Louisiana.....	619	39.7	1,002	1,618	2,087	75	24.9	208	2,780	2,975
Oklahoma.....	496	37.8	792	1,594	2,002	63	22.6	168	2,664	2,791
Texas.....	1,795	39.2	2,728	1,520	1,901	215	24.1	548	2,543	2,692
<b>Mountain:</b>										
Montana.....	122	36.5	195	1,598	2,034	15	23.0	39	2,670	2,843
Idaho.....	127	31.8	230	1,808	2,248	14	17.6	42	2,957	3,050
Wyoming.....	62	33.2	100	1,613	1,951	8	17.5	20	2,572	2,685
Colorado.....	297	40.3	431	1,451	1,882	36	23.8	85	2,353	2,511
New Mexico.....	153	39.3	261	1,705	2,208	16	24.6	50	3,133	3,315
Arizona.....	171	37.4	283	1,650	2,114	19	22.2	53	2,804	2,947
Utah.....	154	34.0	287	1,728	2,242	16	14.1	49	3,116	3,267
Nevada.....	37	36.8	52	1,430	1,685	4	38.1	8	1,887	1,962
<b>Pacific:</b>										
Washington.....	513	36.3	739	1,440	1,792	64	26.0	134	2,099	2,214
Oregon.....	330	36.4	480	1,455	1,803	43	24.4	95	2,179	2,288
California.....	2,430	39.5	3,196	1,315	1,639	325	30.1	604	1,858	1,975

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1960*, Vol. IV, Part 5C.

# No. 42.—NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED, BY AGE OF WOMAN: 1910 TO 1957

[As of April, 1910 to 1954, and March 1957. Statistics for 1910 to 1950 based on sample, see source; statistics for 1952 to 1957 based on Current Population Survey; see Technical Note, p. 201]

AGE OF WOMAN (IN YEARS)	PERCENT CHILDLESS AMONG WOMEN EVER MARRIED						CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED					
	1910	1940	1950	1952	1954	1957	1910	1940	1950	1952	1954	1957
15 to 44.....	16.2	26.5	22.8	20.7	18.1	15.9	2,866	1,904	1,859	1,925	2,037	2,218
15 to 19.....	42.7	54.6	52.8	54.3	47.0	47.9	725	572	604	572	667	672
20 to 24.....	24.2	39.9	33.3	30.9	24.3	26.9	1,407	987	1,082	1,187	1,337	1,368
25 to 29.....	17.2	30.1	21.1	18.5	16.9	13.1	2,180	1,463	1,654	1,742	1,930	2,130
30 to 34.....	13.7	23.3	17.3	14.7	13.4	11.3	2,956	1,964	2,059	2,130	2,247	2,425
35 to 39.....	11.6	19.9	19.1	16.7	15.9	12.3	3,781	2,414	2,247	2,293	2,334	2,612
40 to 44.....	10.4	17.4	20.0	19.8	17.3	14.1	4,383	2,754	2,364	2,346	2,335	2,514
45 to 49.....	9.5	16.8	20.4	19.4	19.0	17.7	4,744	2,998	2,492	2,352	2,436	2,401
50 and over.....	8.7	16.6	18.1	17.1	15.9	17.8	5,076	3,215	2,822	2,937	3,135	2,903

<sup>1</sup> For women 50 to 59 years old.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1940, Fertility for States and Large Cities, and Current Population Reports, Series P-20.*

## No. 43.—MARITAL STATUS OF THE POPULATION, BY SEX: 1890 TO 1957

[In thousands of persons 14 years old and over. Total population, 1890 to 1940, and civilian population, 1947 to 1950. 1947-50 based on Current Population Survey; see Technical Note, p. 201. Civilian population includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. Armed Forces included are as follows: 1950, 547,000; 1951, 610,000; 1952, 974,000; 1953, 982,000; 1954, 822,000; 1955, 800,000; 1956, 872,000; 1957, 809,000]

DATE AND SEX	Popu- lation 14 years old and over	Single	Mar- ried	Wid- owed	Di- vorced	PERCENT OF TOTAL							
						Crude percent				Standardized for age <sup>1</sup>			
						Single	Mar- ried	Wid- owed	Di- vorced	Single	Mar- ried	Wid- owed	Di- vorced
MALE													
June 1890.....	<sup>2</sup> 21,501	9,379	11,205	815	49	43.6	52.1	3.8	0.2	32.8	61.2	5.6	0.3
June 1900.....	<sup>2</sup> 26,414	11,090	13,956	1,178	84	42.0	52.8	4.5	0.3	33.1	59.9	6.4	0.4
April 1910.....	<sup>2</sup> 33,362	13,485	18,093	1,471	156	40.4	54.2	4.4	0.5	32.5	60.4	6.2	0.5
January 1920.....	<sup>2</sup> 37,954	13,998	21,852	1,758	235	36.9	57.6	4.6	0.6	31.8	61.3	6.1	0.7
April 1930.....	<sup>2</sup> 45,088	16,159	26,328	2,025	489	35.8	58.4	4.5	1.1	30.9	62.1	5.6	1.2
April 1940.....	50,554	17,593	30,192	2,144	624	34.8	59.7	4.2	1.2	31.1	62.8	4.8	1.3
March 1950 <sup>2</sup> .....	54,762	14,322	37,227	2,206	917	26.2	68.0	4.2	1.7	26.2	68.0	4.2	1.7
April 1951.....	53,420	12,984	37,354	2,216	866	24.3	69.9	4.1	1.6	24.6	69.6	4.1	1.6
April 1952.....	53,564	12,868	37,830	2,102	764	24.0	70.6	3.9	1.4	24.6	70.2	3.8	1.4
April 1953 <sup>2</sup> .....	54,784	13,000	38,612	2,228	944	23.7	70.5	4.1	1.7	24.8	69.7	3.8	1.7
April 1954 <sup>2</sup> .....	55,297	13,004	39,042	2,171	1,080	23.5	70.6	3.9	2.0	24.7	69.8	3.7	1.9
April 1955 <sup>2</sup> .....	55,994	13,522	39,125	2,357	990	24.1	69.9	4.2	1.8	25.1	69.3	3.9	1.7
March 1956 <sup>2</sup> .....	56,744	13,516	39,967	2,335	926	23.8	70.4	4.1	1.6	24.7	70.0	3.8	1.6
March 1957 <sup>2</sup> .....	57,470	13,754	40,490	2,186	1,040	23.9	70.5	3.8	1.8	24.5	70.3	3.5	1.8
FEMALE													
June 1890.....	<sup>2</sup> 20,298	6,923	11,126	2,155	72	34.1	54.8	10.6	0.4	24.3	59.4	15.9	0.4
June 1900.....	<sup>2</sup> 25,024	8,337	13,814	2,718	115	33.3	55.2	10.9	0.5	25.0	58.7	15.7	0.5
April 1910.....	<sup>2</sup> 30,959	9,842	17,688	3,176	185	31.8	57.1	10.3	0.6	24.5	60.1	14.7	0.6
January 1920.....	<sup>2</sup> 36,190	10,624	21,324	3,918	273	29.4	58.9	10.8	0.8	24.1	60.4	14.6	0.8
April 1930.....	<sup>2</sup> 44,013	12,478	26,175	4,734	573	28.4	59.5	10.8	1.3	23.7	61.2	13.7	1.3
April 1940.....	50,549	13,936	30,090	5,700	823	27.6	59.5	11.3	1.6	24.3	61.0	12.9	1.7
March 1950 <sup>2</sup> .....	56,970	11,139	37,633	6,967	1,231	19.6	66.1	12.2	2.2	19.6	66.1	12.2	2.2
April 1951.....	57,354	10,946	38,124	7,084	1,200	19.1	66.5	12.4	2.1	19.2	66.4	12.3	2.1
April 1952.....	58,094	11,068	38,670	6,972	1,324	19.1	66.6	12.0	2.3	19.3	66.6	11.8	2.3
April 1953 <sup>2</sup> .....	58,940	10,774	39,426	7,404	1,336	18.3	66.9	12.6	2.3	18.6	67.1	12.0	2.3
April 1954 <sup>2</sup> .....	59,542	11,043	39,869	7,256	1,374	18.5	67.0	12.2	2.3	19.0	67.2	11.5	2.3
April 1955 <sup>2</sup> .....	60,250	10,962	40,327	7,595	1,368	18.2	66.9	12.6	2.3	18.6	67.4	11.8	2.3
March 1956 <sup>2</sup> .....	60,975	11,126	40,650	7,707	1,432	18.2	66.7	12.6	2.4	18.5	67.4	11.6	2.5
March 1957 <sup>2</sup> .....	61,803	11,487	41,204	7,778	1,394	18.6	66.6	12.6	2.3	18.6	67.7	11.5	2.5

<sup>1</sup> 1950 age distribution used as standard. Figures show percent distributions with effects of changes in age distribution removed.

<sup>2</sup> Includes marital status not reported.

<sup>3</sup> Not strictly comparable with figures for 1951 and 1952. See text of source, Series P-20, No. 50 and No. 81.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports, Series P-20.*

# NO. 44.—MARITAL STATUS OF THE POPULATION, BY SEX, BY STATES AND TERRITORIES: 1950

[Persons 14 years old and over]

STATE OR TERRITORY	MALE				FEMALE			
	Population	Single	Married	Widowed or divorced	Population	Single	Married	Widowed or divorced
Cont. U. S.....	55,311,617	14,518,079	37,399,617	3,393,921	57,042,417	11,454,266	37,503,836	8,084,315
New England.....	3,455,230	991,754	2,242,187	221,289	3,709,869	933,848	2,253,679	522,342
Maine.....	331,780	89,696	217,317	24,768	342,686	74,262	217,857	50,567
New Hampshire.....	197,099	53,019	129,426	14,664	207,945	46,848	130,117	30,980
Vermont.....	136,311	39,015	87,803	9,493	141,356	32,368	87,968	21,030
Massachusetts.....	1,733,192	512,784	1,109,859	110,549	1,905,614	514,744	1,117,604	273,466
Rhode Island.....	300,769	90,590	192,099	18,079	314,531	79,889	191,832	42,810
Connecticut.....	756,080	200,651	505,683	43,746	797,537	185,747	508,301	103,489
Middle Atlantic.....	11,360,821	3,113,110	7,588,008	659,703	12,073,287	2,765,883	7,657,978	1,649,426
New York.....	5,616,963	1,549,627	3,751,890	315,446	6,039,574	1,396,777	3,794,988	841,809
New Jersey.....	1,838,965	484,286	1,251,995	102,684	1,931,114	412,255	1,258,965	259,894
Pennsylvania.....	3,904,893	1,079,197	2,584,123	241,573	4,108,599	956,861	2,604,025	547,723
East North Central.....	11,340,558	2,824,158	7,756,716	759,684	11,595,126	2,237,984	7,740,352	1,616,790
Ohio.....	2,935,908	690,429	2,088,936	206,443	3,060,868	583,668	2,034,945	442,265
Indiana.....	1,445,831	334,960	1,014,612	99,259	1,486,515	260,592	1,012,389	213,534
Illinois.....	3,309,125	846,005	2,241,186	221,934	3,418,775	674,982	2,641,529	502,264
Michigan.....	2,368,024	595,093	1,620,012	152,919	2,349,955	440,298	1,610,981	298,676
Wisconsin.....	1,278,770	357,671	841,970	79,129	1,270,013	278,454	804,508	160,051
West North Central.....	5,224,331	1,386,590	3,512,419	325,322	5,293,994	1,054,374	3,511,187	728,435
Minnesota.....	1,101,812	235,692	713,846	62,274	1,099,128	249,809	712,817	136,502
Iowa.....	968,920	247,631	660,592	60,797	985,169	192,515	696,523	133,131
Missouri.....	1,466,440	348,128	1,015,421	102,891	1,556,891	290,227	1,021,911	244,753
North Dakota.....	230,502	79,986	139,467	11,049	207,649	47,972	138,449	21,228
South Dakota.....	245,727	76,817	155,583	13,327	227,366	47,432	154,299	25,635
Nebraska.....	498,732	134,383	334,216	30,133	497,059	98,769	333,277	65,013
Kansas.....	712,198	174,053	493,204	44,851	720,732	127,650	490,911	102,171
South Atlantic.....	7,458,623	2,048,627	5,027,932	382,064	7,734,562	1,581,610	5,071,176	1,081,776
Delaware.....	117,542	29,920	80,540	7,082	122,763	25,122	80,971	16,670
Maryland.....	863,852	227,271	587,425	49,156	884,036	177,646	586,999	119,391
Dist. of Columbia.....	301,111	88,087	192,729	19,295	347,872	90,420	197,282	60,170
Virginia.....	1,210,799	360,621	789,730	60,448	1,193,627	252,810	781,345	159,472
West Virginia.....	700,823	191,284	470,057	39,482	704,919	147,899	469,136	87,884
North Carolina.....	1,380,072	409,107	926,216	54,749	1,435,312	323,484	998,634	173,194
South Carolina.....	688,217	203,243	458,853	26,121	733,249	165,525	470,145	97,579
Georgia.....	1,168,086	307,088	804,327	56,671	1,247,615	235,013	823,792	188,810
Florida.....	1,018,121	231,006	718,055	60,060	1,065,169	163,691	722,872	178,606
East South Central.....	3,937,390	1,033,109	2,693,589	210,701	4,109,463	797,984	2,728,773	582,706
Kentucky.....	1,039,654	282,429	695,990	61,235	1,048,450	209,319	695,284	143,856
Tennessee.....	1,149,299	292,486	793,477	63,336	1,209,638	233,525	799,722	176,391
Alabama.....	1,024,915	266,786	708,188	49,941	1,093,798	213,412	724,165	156,221
Mississippi.....	723,522	191,408	495,925	36,189	757,668	141,728	509,602	106,238
West South Central.....	5,163,744	1,277,456	3,581,076	305,212	5,268,309	902,033	3,592,059	774,217
Arkansas.....	659,656	158,910	460,166	40,580	675,397	113,687	464,118	97,592
Louisiana.....	914,015	236,374	630,055	47,586	968,553	185,330	641,519	139,704
Oklahoma.....	808,460	193,018	561,938	53,504	822,794	132,665	592,431	127,698
Texas.....	2,781,613	689,154	1,928,917	163,542	2,801,565	470,351	1,921,991	409,223
Mountain.....	1,840,271	489,896	1,230,981	119,394	1,761,165	315,813	1,218,239	227,113
Montana.....	227,271	65,864	144,198	17,209	202,470	34,687	141,691	26,092
Idaho.....	213,170	53,850	145,650	13,670	198,781	31,992	144,491	22,298
Wyoming.....	113,645	32,940	73,125	7,580	96,526	14,978	70,764	10,784
Colorado.....	489,263	126,051	330,744	32,468	490,550	89,480	328,752	72,318
New Mexico.....	233,244	66,052	154,157	13,035	223,050	44,974	152,913	25,163
Arizona.....	263,546	68,104	177,562	17,880	259,511	47,636	176,600	35,275
Utah.....	235,325	60,719	163,139	11,476	234,486	44,850	162,497	27,139
Nevada.....	64,807	16,316	42,415	6,076	55,791	7,216	40,581	8,044
Pacific.....	5,530,649	1,353,379	3,766,718	410,552	5,496,642	864,737	3,730,393	901,512
Washington.....	919,661	238,492	612,237	68,932	862,214	133,118	603,809	125,287
Oregon.....	576,808	131,916	401,369	43,523	561,087	84,938	397,351	78,798
California.....	4,034,180	982,971	2,753,112	298,097	4,073,341	646,681	2,729,233	697,427
Alaska.....	62,775	27,289	30,380	5,106	33,233	5,570	24,441	3,222
Hawaii.....	197,874	81,921	103,470	12,483	153,515	43,447	94,521	15,547

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

**No. 45.—MARITAL STATUS OF THE CIVILIAN POPULATION, BY AGE AND SEX: 1957**  
 [In thousands of persons 14 years old and over. As of March. Figures based on Current Population Survey; see Technical Note, p. 201]

AGE AND SEX	Total	Single	Married	Widowed	Divorced	PERCENT DISTRIBUTION				
						Total	Single	Married	Widowed	Divorced
<b>Male.....</b>	57,470	13,754	40,490	2,186	1,040	100.0	23.9	70.5	3.8	1.8
14 to 19 years.....	6,843	6,674	169	—	—	100.0	97.5	2.5	—	—
20 to 24 years.....	4,419	2,288	2,107	2	22	100.0	51.8	47.7	—	0.5
25 to 29 years.....	5,472	1,270	4,137	7	58	100.0	23.2	75.6	0.1	1.1
30 to 34 years.....	5,896	760	4,995	12	129	100.0	12.9	84.7	0.2	2.2
35 to 44 years.....	11,269	968	9,968	65	268	100.0	8.6	88.5	0.6	2.4
45 to 54 years.....	9,604	735	8,396	202	271	100.0	7.7	87.4	2.1	2.8
55 to 64 years.....	7,213	563	6,096	382	172	100.0	7.8	84.5	5.3	2.4
65 to 74 years.....	4,576	347	3,450	689	90	100.0	7.6	75.4	15.1	2.0
75 and over.....	2,178	149	1,172	827	30	100.0	6.8	53.8	38.0	1.4
<b>Female.....</b>	61,863	11,487	41,204	7,778	1,394	100.0	18.6	66.6	12.6	2.3
14 to 19 years.....	7,117	6,193	912	3	9	100.0	87.0	12.8	—	0.1
20 to 24 years.....	5,324	1,645	3,680	11	88	100.0	29.0	69.1	0.4	1.7
25 to 29 years.....	5,788	647	4,993	33	115	100.0	11.2	86.3	0.6	2.0
30 to 34 years.....	6,281	456	5,583	86	156	100.0	7.3	88.9	1.4	2.5
35 to 44 years.....	11,844	757	10,273	405	409	100.0	6.4	86.7	3.4	3.5
45 to 54 years.....	9,928	692	7,848	1,047	341	100.0	7.0	79.0	10.5	3.4
55 to 64 years.....	7,654	561	5,025	1,886	182	100.0	7.3	65.7	24.6	2.4
65 to 74 years.....	5,118	395	2,292	2,351	80	100.0	7.7	44.8	45.9	1.6
75 and over.....	2,809	241	598	1,956	14	100.0	8.6	21.3	69.6	0.5

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 81.

**No. 46.—HOUSEHOLDS, BY RACE OF HEAD, WITH POPULATION PER HOUSEHOLD: 1890 TO 1975**

[In thousands. For definition of household, see p. 2. See also *Historical Statistics, 1789-1945*, series B 171-181]

DATE	HOUSEHOLDS				RACE OF HEAD			
	Number	Annual increase over preceding date		Population per household <sup>2</sup>	White	Negro	Other	Percent white
		Number	Percent <sup>1</sup>					
<b>Decennial Census:</b>								
1890 (June 1) <sup>3</sup>	12,690	—	—	4.93	11,255	1,411	24	88.7
1900 (June 1)	15,964	327	2.32	4.76	14,064	1,834	66	88.1
1910 (Apr. 15) <sup>3</sup>	20,256	434	2.44	4.54	—	2,173	—	—
1920 (Jan. 1) <sup>3</sup>	24,352	418	1.90	4.34	21,826	2,431	95	89.6
1930 (Apr. 1)	29,905	542	2.02	4.11	26,983	2,804	118	90.2
1940 (Apr. 1)	34,949	504	1.56	3.77	31,680	3,142	127	90.6
1950 (Apr. 1)	42,857	791	2.06	3.53	43,429	—	—	91.0
<b>Current Population Survey:<sup>4</sup></b>								
1950 (Mar. 15)	43,554	—	—	3.47	—	—	—	—
1951 (Apr. 15)	44,656	1,017	2.31	3.44	—	—	—	—
1952 (Apr. 15)	45,504	848	1.88	3.44	—	—	—	—
1953 (Apr. 15)	46,334	830	1.81	3.43	—	—	—	—
1954 (Apr. 15)	46,893	559	1.20	3.45	—	—	—	—
1955 (Apr. 15)	47,788	895	1.89	3.40	—	—	—	—
1956 (Mar. 15)	48,785	997	2.28	3.39	—	—	—	—
1957 (Mar. 15)	49,543	758	1.55	3.39	—	—	—	—
<b>Projections:<sup>5</sup></b>								
1960 (July 1):								
Series I.....	51,838	711	1.44	3.39	—	—	—	—
Series II.....	51,573	650	1.32	3.41	—	—	—	—
Series III.....	51,060	530	1.08	3.41	—	—	—	—
Series IV.....	50,499	399	0.82	3.45	—	—	—	—
1975 (July 1):								
Series I.....	67,378	1,036	1.76	3.26	—	—	—	—
Series II.....	66,480	994	1.71	3.30	—	—	—	—
Series III.....	64,312	883	1.55	3.18	—	—	—	—
Series IV.....	61,584	739	1.33	3.32	—	—	—	—

<sup>1</sup> Computed by compound interest formula.

<sup>2</sup> Obtained by dividing total population by number of households; hence, not strictly average size of household because total population includes members of quasi-households.

<sup>3</sup> Includes small number of hotels, institutions, and other quasi-households.

<sup>4</sup> Based on 20-percent sample of 1950 Census returns. <sup>5</sup> See Technical Note, p. 201.

<sup>6</sup> Series imply the following assumptions: I—Rate of change for 10-year periods, 1955 to 1975, will be equal to rate of change for 8-year period, 1947-1955; II—Average annual rate of change between 1950 and 1955 will continue to 1975; III—Half the average annual rate of change between 1950 and 1955 will continue to 1975; IV—No change in relevant measures will occur after 1955.

<sup>7</sup> Population base from *Current Population Reports*, Series P-25, No. 78. Series A used for household population I and II; Series C used for household population III and IV.

Source: Department of Commerce, Bureau of the Census; Reports of the Thirteenth, Fifteenth, Sixteenth, and Seventeenth Censuses; also *Current Population Reports*, Series P-20, Nos. 69 and 76, Series P-25, No. 153; and records.

**No. 47.—PERCENT DISTRIBUTION OF THE CIVILIAN POPULATION, BY MARITAL STATUS, COLOR, AND SEX, BY REGIONS: 1957**

[Persons 14 years old and over. As of March. Based on Current Population Survey; see Technical Note, p. 201]

MARITAL STATUS AND SEX	UNITED STATES			North-east	North-Central	SOUTH			West
	Total	White	Non-white			Total	White	Non-white	
<b>Male.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Single.....	23.9	23.2	30.3	25.4	23.5	24.1	22.7	30.0	21.8
Married.....	70.5	71.2	63.6	69.2	70.5	70.9	72.4	64.1	71.8
Wife present.....	67.8	69.1	55.5	66.7	68.7	67.4	69.9	56.7	68.5
Wife absent.....	2.7	2.1	8.0	2.4	1.8	3.4	2.5	7.4	3.4
Separated.....	1.4	1.0	5.2	1.3	.9	1.8	1.1	4.8	1.6
Other.....	1.3	1.2	2.8	1.1	1.0	1.7	1.5	2.6	1.7
Widowed.....	3.8	3.8	4.1	4.3	4.0	3.4	3.1	4.8	3.3
Divorced.....	1.8	1.8	2.1	1.1	2.0	1.6	1.7	1.1	3.0
<b>Female.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Single.....	18.6	18.3	21.3	21.5	18.3	17.7	16.7	21.7	15.7
Married.....	66.6	67.2	61.0	64.5	67.7	66.9	68.5	60.2	67.8
Husband present.....	62.9	64.4	50.1	60.8	65.0	62.4	65.3	50.1	64.0
Husband absent.....	3.7	2.8	10.9	3.7	2.7	4.5	3.1	10.1	3.7
Separated.....	1.9	1.2	8.0	2.2	1.5	2.2	1.0	7.0	1.3
Other.....	1.8	1.7	2.9	1.5	1.3	2.3	2.1	3.1	2.4
Widowed.....	12.6	12.3	14.6	12.5	11.9	13.3	12.7	16.0	12.4
Divorced.....	2.3	2.2	3.0	1.6	2.1	2.1	2.1	2.1	4.2

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 81, and records.

**No. 48.—HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: 1947 TO 1957**

[In thousands. As of April except as noted. Percent not shown where base is less than 200,000. Minus sign (—) denotes decrease. For definitions of type of unit, see pp. 2, 3]

TYPE OF UNIT	1947	1950 <sup>1</sup>	1951	1952	1953	1954	1955	1956 <sup>1</sup>	1957 <sup>1</sup>	Percent increase, 1950 to 1957
<b>Households.....</b>	<b>39,107</b>	<b>43,554</b>	<b>44,656</b>	<b>45,504</b>	<b>46,334</b>	<b>46,893</b>	<b>47,788</b>	<b>48,785</b>	<b>49,543</b>	<b>13.8</b>
Primary families.....	34,964	38,838	39,487	40,205	40,490	40,961	41,713	42,548	43,210	11.3
Primary individuals.....	4,143	4,716	5,169	5,299	5,844	5,932	6,075	6,237	6,333	34.3
<b>Families.....</b>	<b>35,794</b>	<b>39,303</b>	<b>39,929</b>	<b>40,578</b>	<b>40,832</b>	<b>41,202</b>	<b>41,934</b>	<b>42,843</b>	<b>43,445</b>	<b>10.5</b>
Husband-wife.....	31,211	34,440	34,683	35,370	35,782	36,041	36,395	37,200	37,849	9.9
Other male head.....	1,186	1,184	1,170	1,132	1,208	1,336	1,314	1,404	1,230	3.9
Female head.....	3,397	3,679	4,076	4,076	3,842	3,825	4,225	4,239	4,366	18.7
Primary families.....	34,964	38,838	39,487	40,205	40,490	40,961	41,713	42,548	43,210	11.3
Husband-wife.....	30,612	34,075	34,378	35,138	35,560	35,875	36,266	37,043	37,711	10.7
Other male head.....	1,129	1,160	1,154	1,118	1,196	1,326	1,303	1,373	1,208	3.3
Female head.....	3,223	3,594	3,955	3,949	3,734	3,760	4,144	4,132	4,291	19.4
Secondary families.....	830	465	442	373	342	241	221	295	235	-49.5
Husband-wife.....	599	305	305	232	222	166	129	157	138	-62.2
Other male head.....	57	15	16	14	12	10	11	31	22	-----
Female head.....	174	85	121	127	108	65	81	107	75	-----
<b>Subfamilies.....</b>	<b>3,123</b>	<b>2,402</b>	<b>2,227</b>	<b>2,061</b>	<b>1,968</b>	<b>2,107</b>	<b>1,969</b>	<b>1,823</b>	<b>1,802</b>	<b>-25.0</b>
Husband-wife.....	2,332	1,651	1,453	1,326	1,324	1,305	1,175	1,106	1,091	-33.9
Other male head.....	83	113	89	104	64	88	68	116	95	-----
Female head.....	708	638	685	631	580	704	726	601	616	-3.4
<b>Married couples.....</b>	<b>33,543</b>	<b>36,091</b>	<b>36,136</b>	<b>36,696</b>	<b>37,106</b>	<b>37,346</b>	<b>37,579</b>	<b>38,306</b>	<b>38,940</b>	<b>7.9</b>
With own household.....	30,612	34,075	34,378	35,138	35,560	35,875	36,266	37,043	37,711	10.7
Without own household.....	2,931	2,016	1,758	1,558	1,546	1,471	1,304	1,263	1,229	-39.0
<b>Unrelated individuals.....</b>	<b>8,491</b>	<b>9,136</b>	<b>9,510</b>	<b>9,301</b>	<b>9,957</b>	<b>9,700</b>	<b>9,790</b>	<b>9,897</b>	<b>9,780</b>	<b>7.0</b>
Male.....	3,852	4,209	4,193	4,049	4,343	4,075	4,117	4,142	4,002	-4.9
Female.....	4,639	4,927	5,317	5,252	5,614	5,625	5,673	5,755	5,778	17.3
<b>Primary individuals.....</b>	<b>4,143</b>	<b>4,716</b>	<b>5,169</b>	<b>5,299</b>	<b>5,844</b>	<b>5,932</b>	<b>6,075</b>	<b>6,237</b>	<b>6,333</b>	<b>34.3</b>
Male.....	1,388	1,668	1,731	1,756	1,892	1,804	2,019	2,004	1,984	18.9
Female.....	2,755	3,048	3,438	3,543	3,952	4,028	4,056	4,233	4,349	42.7
<b>Secondary individuals.....</b>	<b>4,348</b>	<b>4,420</b>	<b>4,341</b>	<b>4,002</b>	<b>4,113</b>	<b>3,768</b>	<b>3,715</b>	<b>3,660</b>	<b>3,447</b>	<b>-22.0</b>
Male.....	2,464	2,541	2,462	2,293	2,451	2,171	2,098	2,138	2,018	-20.6
Female.....	1,884	1,879	1,879	1,709	1,662	1,597	1,617	1,522	1,429	-23.9

<sup>1</sup> As of March.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 76.



## No. 49.—FAMILIES, BY CHARACTERISTICS: 1957

[In thousands. As of March. Statistics based on Current Population Survey; see Technical Note, p. 201.  
For definition of families, see p. 2]

CHARACTERISTIC	ALL FAMILIES		MALE HEAD				FEMALE HEAD	
			Married, wife present		Other marital status			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All families.....	43,445	100.0	37,849	100.0	1,230	100.0	4,366	100.0
COLOR								
White.....	39,451	90.8	34,866	92.1	1,093	88.9	3,492	80.0
Nonwhite.....	3,994	9.2	2,983	7.9	137	11.1	874	20.0
RESIDENCE								
Urban.....	27,496	63.3	23,491	62.1	801	65.1	3,204	73.4
Rural nonfarm.....	11,041	25.4	9,948	26.3	231	18.8	862	19.7
Rural farm.....	4,908	11.3	4,410	11.7	198	16.1	300	6.9
SIZE OF FAMILY								
2 persons.....	14,239	32.8	11,478	30.3	677	55.0	2,084	47.7
3 persons.....	9,527	21.9	8,208	21.7	251	20.4	1,068	24.5
4 persons.....	8,997	20.7	8,299	21.9	155	12.6	543	12.4
5 persons.....	5,387	12.4	4,996	13.2	77	6.3	314	7.2
6 persons.....	2,778	6.4	2,581	6.8	29	2.4	168	3.8
7 or more.....	2,517	5.8	2,287	6.0	41	3.3	189	4.3
RELATED CHILDREN UNDER 18 YEARS OLD								
No related children under 18.....	17,784	40.9	14,945	39.5	822	66.8	2,017	46.2
1 related child under 18.....	8,647	19.9	7,437	19.6	194	15.8	1,016	23.3
2 related children under 18.....	8,242	19.0	7,504	19.8	106	8.6	632	14.5
3 related children under 18.....	4,690	10.8	4,304	11.4	63	5.1	323	7.4
4 or more.....	4,082	9.4	3,659	9.7	45	3.7	378	8.7
OWN CHILDREN UNDER 18 YEARS OLD								
No own children under 18.....	19,214	44.2	15,736	41.6	965	78.5	2,513	57.6
1 own child under 18.....	8,031	18.5	7,129	18.8	122	9.9	780	17.9
2 own children under 18.....	7,896	18.2	7,305	19.3	72	5.9	519	11.9
3 own children under 18.....	4,523	10.4	4,208	11.1	42	3.4	273	6.3
4 or more.....	3,781	8.7	3,471	9.2	20	2.4	281	6.4
OWN CHILDREN UNDER 6 YEARS OLD								
No children under 6.....	30,082	69.2	25,219	66.6	1,174	95.4	3,689	84.5
1 child under 6.....	7,481	17.2	7,063	18.7	38	3.1	380	8.7
2 or more.....	5,882	13.6	5,567	14.7	18	1.5	297	6.8
MARITAL STATUS OF HEAD								
Married, spouse present.....	37,849	87.1	37,849	100.0				
Separated.....	571	1.3			69	5.6	502	11.5
Other married, spouse absent.....	531	1.2			121	9.8	410	9.4
Widowed.....	2,972	6.8			516	42.0	2,456	56.3
Divorced.....	651	1.5			74	6.0	577	13.2
Single.....	871	2.0			450	36.6	421	9.6
AGE OF HEAD								
Under 25.....	2,133	4.9	1,891	5.0	52	4.2	190	4.4
25 to 29.....	4,087	9.4	3,796	10.0	62	5.0	229	5.2
30 to 34.....	5,073	11.7	4,706	12.4	66	5.4	301	6.9
35 to 44.....	10,473	24.1	9,443	24.9	194	15.8	836	19.1
45 to 54.....	9,157	21.1	7,945	21.0	243	19.8	969	22.2
55 to 64.....	6,789	15.6	5,776	15.3	221	18.0	792	18.1
65 to 74.....	4,160	9.6	3,250	8.6	238	19.3	672	15.4
75 and over.....	1,573	3.6	1,042	2.8	154	12.5	377	8.6
Median age (years).....	45.0		44.0		54.9		51.5	

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

No. 50.—HOUSEHOLDS, 1930 TO 1950, AND FAMILIES AND MARRIED COUPLES, 1950,  
BY STATES AND OTHER AREAS

[In thousands, except population per household and per family. Data for households based on complete count; for families and married couples, based on 20-percent sample. For definition of households and families, see pp. 2, 3]

pp. 2, 3]

STATE OR OTHER AREA	HOUSEHOLDS						FAMILIES, 1950			Married couples, 1950
	Number, 1930	Number, 1940	Number	1950		Urban	Number	Population—		
				In house-holds	Per house-hold			In fam-ilies	Per family	
Cont. U. S.....	29,965	34,949	42,857	145,031	3.38	28,509	38,311	138,080	3.60	35,066
New England.....	1,981	2,208	2,617	8,881	3.39	2,012	2,330	8,467	3.63	2,091
Maine.....	198	220	255	881	3.46	134	223	836	3.75	202
New Hampshire.....	119	134	155	510	3.29	89	134	481	3.59	120
Vermont.....	89	93	104	363	3.51	39	90	340	3.77	81
Massachusetts.....	1,021	1,123	1,307	4,453	3.41	1,111	1,172	4,248	3.62	1,041
Rhode Island.....	165	188	225	751	3.33	133	199	720	3.63	178
Connecticut.....	389	450	570	1,923	3.37	447	512	1,841	3.59	469
Middle Atlantic.....	6,374	7,294	8,623	28,987	3.36	7,049	7,766	27,585	3.55	7,061
New York.....	3,153	3,671	4,330	14,153	3.27	3,745	3,862	13,383	3.47	3,485
New Jersey.....	986	1,104	1,374	4,659	3.39	1,199	1,264	4,478	3.54	1,163
Pennsylvania.....	2,236	2,520	2,919	10,176	3.49	2,104	2,640	9,724	3.68	2,413
East North Central.....	6,363	7,291	8,830	29,306	3.32	6,254	7,898	27,912	3.53	7,296
Ohio.....	1,698	1,902	2,315	7,692	3.32	1,657	2,078	7,334	3.53	1,926
Indiana.....	843	963	1,100	3,816	3.26	716	1,039	3,636	3.50	962
Illinois.....	1,929	2,197	2,586	8,341	3.23	2,025	2,288	7,903	3.45	2,089
Michigan.....	1,181	1,400	1,792	6,136	3.42	1,276	1,625	5,876	3.62	1,516
Wisconsin.....	712	829	968	3,320	3.43	580	868	3,163	3.64	803
West North Central.....	3,318	3,698	4,153	13,581	3.27	2,221	3,650	12,839	3.52	3,340
Minnesota.....	606	730	846	2,876	3.40	478	743	2,716	3.63	682
Iowa.....	636	703	781	2,589	3.25	363	687	2,397	3.49	634
Missouri.....	939	1,071	1,199	3,813	3.18	748	1,057	3,609	3.41	962
North Dakota.....	145	153	162	600	3.70	45	145	570	3.94	133
South Dakota.....	161	166	183	631	3.45	64	161	599	3.73	146
Nebraska.....	343	362	395	1,279	3.24	188	345	1,209	3.51	317
Kansas.....	487	513	588	1,843	3.14	315	508	1,733	3.42	467
South Atlantic.....	3,512	4,291	5,540	20,345	3.67	2,950	5,087	19,529	3.84	4,630
Delaware.....	59	71	90	307	3.40	57	80	291	3.65	73
Maryland.....	385	467	641	2,245	3.51	458	582	2,142	3.68	535
District of Columbia.....	126	174	224	716	3.19	224	198	647	3.26	170
Virginia.....	529	630	846	3,142	3.71	429	785	3,021	3.85	726
West Virginia.....	374	446	519	1,963	3.78	202	479	1,895	3.95	441
North Carolina.....	644	791	994	3,932	3.95	370	939	3,822	4.07	863
South Carolina.....	366	435	515	2,062	4.01	212	478	2,002	4.19	427
Georgia.....	653	754	890	3,335	3.75	438	824	3,225	3.91	747
Florida.....	376	523	822	2,643	3.22	561	721	2,484	3.44	649
East South Central.....	2,273	2,627	2,992	11,194	3.74	1,283	2,764	10,831	3.92	2,528
Kentucky.....	600	700	780	2,865	3.68	320	718	2,773	3.86	660
Tennessee.....	601	717	871	3,201	3.67	415	808	3,098	3.83	744
Alabama.....	592	675	786	2,999	3.81	373	730	2,905	3.98	662
Mississippi.....	472	536	555	2,128	3.84	174	509	2,056	4.04	462
West South Central.....	2,868	3,387	4,103	14,103	3.44	2,384	3,695	13,504	3.65	3,383
Arkansas.....	439	496	525	1,874	3.57	192	477	1,805	3.78	436
Louisiana.....	485	594	725	2,616	3.61	421	648	2,510	3.87	584
Oklahoma.....	594	612	663	2,167	3.27	361	591	2,067	3.50	540
Texas.....	1,380	1,684	2,191	7,446	3.40	1,410	1,979	7,122	3.60	1,824
Mountain.....	914	1,126	1,447	4,877	3.37	837	1,258	4,626	3.68	1,158
Montana.....	136	161	176	566	3.22	81	146	527	3.62	133
Idaho.....	108	143	189	573	3.38	77	149	546	3.67	139
Wyoming.....	57	70	84	275	3.26	45	72	258	3.57	68
Colorado.....	267	317	392	1,258	3.21	255	338	1,186	3.51	311
New Mexico.....	99	130	177	559	3.72	97	160	635	3.97	146
Arizona.....	106	132	210	722	3.43	124	182	685	3.77	165
Utah.....	116	140	188	673	3.58	128	170	650	3.83	158
Nevada.....	25	34	50	151	3.00	30	41	138	3.37	38
Pacific.....	2,300	3,026	4,553	13,757	3.02	3,518	3,864	12,787	3.31	3,519
Washington.....	424	540	737	2,244	3.04	485	625	2,098	3.36	575
Oregon.....	266	339	479	1,468	3.05	270	412	1,374	3.34	381
California.....	1,610	2,147	3,335	10,046	3.01	2,763	2,827	9,315	3.29	2,563
Alaska.....	120	222	31	101	3.25	11	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	423
Hawaii.....	77	87	112	463	4.13	79	96	( <sup>2</sup> )	( <sup>2</sup> )	89
Puerto Rico.....	292	356	429	2,178	5.07	190	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	255

<sup>1</sup> 1929. <sup>2</sup> 1939. <sup>3</sup> Not available. <sup>4</sup> Complete count.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, *Population*, Vol. VI, Sixteenth Census Reports, *Population*, Vol. IV, Part I, and *U. S. Census of Population: 1950*, Vol. II, Parts I and 51-53.

# INSTITUTIONAL POPULATION

49

NO. 51.—INSTITUTIONAL POPULATION, BY SEX AND BY TYPE OF INSTITUTION, BY STATES: 1950

STATE	ALL CLASSES			Correc- tional institutions <sup>1</sup>	Special- ized medical institutions	Institu- tions for aged and depend- ent <sup>2</sup>	Homes and schools for hand- icapped	Institu- tions for juve- niles <sup>1</sup>
	Total	Male	Female					
<b>United States.....</b>	<b>1,566,846</b>	<b>949,628</b>	<b>617,218</b>	<b>264,557</b>	<b>710,003</b>	<b>296,783</b>	<b>155,188</b>	<b>140,315</b>
<b>New England.....</b>	<b>125,822</b>	<b>67,332</b>	<b>58,490</b>	<b>10,998</b>	<b>61,734</b>	<b>30,414</b>	<b>14,057</b>	<b>8,619</b>
Maine.....	9,861	5,538	4,278	1,037	4,379	2,235	1,306	754
New Hampshire.....	7,416	3,852	3,564	536	2,717	2,466	732	965
Vermont.....	4,298	2,214	2,084	449	2,062	820	404	473
Massachusetts.....	60,422	37,206	32,156	5,752	36,664	15,674	7,900	3,432
Rhode Island.....	8,051	4,109	3,942	551	4,727	1,761	28	964
Connecticut.....	26,774	14,308	12,466	2,013	11,185	7,458	3,507	2,011
<b>Middle Atlantic.....</b>	<b>375,811</b>	<b>211,294</b>	<b>164,517</b>	<b>43,604</b>	<b>180,253</b>	<b>73,071</b>	<b>41,823</b>	<b>37,060</b>
New York.....	209,786	117,413	92,373	23,855	108,967	38,403	22,265	16,306
New Jersey.....	50,479	27,737	22,742	6,193	25,920	8,314	7,222	2,830
Pennsylvania.....	115,546	66,144	49,402	13,556	45,366	26,354	12,346	17,924
<b>East North Central.....</b>	<b>331,054</b>	<b>202,790</b>	<b>128,264</b>	<b>50,203</b>	<b>145,209</b>	<b>69,368</b>	<b>38,472</b>	<b>27,802</b>
Ohio.....	87,724	54,665	33,258	14,582	32,937	22,025	8,915	9,265
Indiana.....	38,409	23,990	14,419	7,895	13,199	8,963	5,059	3,293
Illinois.....	99,790	59,081	40,709	13,074	46,023	20,235	11,294	9,159
Michigan.....	67,596	43,088	24,508	11,968	32,281	10,552	9,318	3,477
Wisconsin.....	37,535	22,165	15,370	2,684	20,764	7,593	3,886	2,608
<b>West North Central.....</b>	<b>142,261</b>	<b>83,344</b>	<b>58,917</b>	<b>19,274</b>	<b>56,644</b>	<b>37,756</b>	<b>17,990</b>	<b>10,597</b>
Minnesota.....	20,987	17,985	12,902	2,976	13,858	7,683	4,970	1,400
Iowa.....	27,493	16,043	11,450	2,565	9,907	8,952	4,210	1,769
Missouri.....	38,009	21,277	16,732	6,809	15,893	9,728	2,524	3,055
North Dakota.....	5,887	3,460	2,427	418	2,548	1,315	1,276	330
South Dakota.....	6,554	4,420	2,234	561	2,710	1,996	876	511
Nebraska.....	14,961	8,069	6,292	1,443	4,981	3,706	1,934	2,297
Kansas.....	18,970	12,090	6,880	4,472	6,687	4,376	2,200	1,235
<b>South Atlantic.....</b>	<b>199,042</b>	<b>129,571</b>	<b>69,471</b>	<b>55,698</b>	<b>88,175</b>	<b>24,036</b>	<b>12,282</b>	<b>18,851</b>
Delaware.....	4,040	2,305	1,735	502	2,250	462	434	392
Maryland.....	27,748	16,689	11,059	5,582	14,253	3,684	2,243	1,986
Dist. of Columbia.....	13,088	7,964	5,124	1,085	7,721	2,780	305	1,197
Virginia.....	36,482	25,395	11,087	11,673	14,605	4,723	2,860	2,681
West Virginia.....	15,265	9,784	5,481	4,718	6,108	2,406	567	1,466
North Carolina.....	32,692	21,440	11,252	10,252	13,187	2,965	1,866	4,422
South Carolina.....	15,154	9,424	5,730	4,017	6,394	952	1,661	2,130
Georgia.....	31,703	20,830	10,878	9,764	15,807	2,191	1,230	2,711
Florida.....	22,870	15,740	7,130	8,105	7,850	3,873	1,176	1,866
<b>East South Central.....</b>	<b>85,241</b>	<b>57,384</b>	<b>27,857</b>	<b>19,437</b>	<b>39,143</b>	<b>10,819</b>	<b>5,729</b>	<b>10,113</b>
Kentucky.....	24,548	16,091	8,457	5,547	11,272	2,658	1,334	8,737
Tennessee.....	26,612	17,549	9,063	4,680	10,865	5,535	1,585	3,941
Alabama.....	21,430	15,028	6,402	6,143	10,370	1,062	2,143	1,712
Mississippi.....	12,651	8,716	3,935	3,061	6,636	1,564	667	723
<b>West South Central.....</b>	<b>104,632</b>	<b>66,804</b>	<b>37,828</b>	<b>23,686</b>	<b>51,445</b>	<b>9,459</b>	<b>8,495</b>	<b>11,547</b>
Arkansas.....	13,060	8,648	4,412	2,183	8,554	726	542	1,055
Louisiana.....	18,972	11,646	7,326	4,364	9,835	1,483	1,201	2,089
Oklahoma.....	19,152	11,895	7,257	3,852	9,640	1,541	1,373	2,746
Texas.....	53,448	34,615	18,833	13,287	23,416	5,709	5,379	5,637
<b>Mountain.....</b>	<b>42,447</b>	<b>28,095</b>	<b>14,352</b>	<b>8,729</b>	<b>18,870</b>	<b>6,171</b>	<b>4,251</b>	<b>4,426</b>
Montana.....	5,283	3,405	1,878	943	2,127	879	618	716
Idaho.....	4,081	2,601	1,480	687	1,223	874	895	402
Wyoming.....	2,754	2,070	684	476	1,436	212	415	215
Colorado.....	15,246	9,380	5,866	2,323	7,669	2,225	1,053	1,076
New Mexico.....	3,869	2,780	1,089	1,065	1,902	192	219	491
Arizona.....	5,993	4,351	1,642	1,926	2,687	951	125	304
Utah.....	3,906	2,467	1,439	805	1,860	615	919	198
Nevada.....	1,315	1,041	274	504	457	223	7	124
<b>Pacific.....</b>	<b>160,536</b>	<b>103,014</b>	<b>57,522</b>	<b>32,928</b>	<b>68,530</b>	<b>35,689</b>	<b>12,089</b>	<b>11,360</b>
Washington.....	27,638	17,336	10,302	5,365	11,212	6,678	2,815	1,568
Oregon.....	14,895	9,144	5,751	2,375	5,984	3,871	1,641	1,044
California.....	118,003	76,534	41,469	25,193	51,354	25,140	7,633	8,088

<sup>1</sup> Schools for juvenile delinquents included with institutions for juveniles.

<sup>2</sup> Homes exclusively for dependent children included with institutions for juveniles.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. IV, Part 2C.

# No. 52.—RELIGION REPORTED BY THE CIVILIAN POPULATION, BY COLOR, SEX, AND RESIDENCE: 1957

[In thousands of persons 14 years old and over. As of March. Based on Current Population Survey; see Technical Note, p. 201]

RELIGION	Total	COLOR AND SEX				RESIDENCE			Median age (years)
		White		Nonwhite		Urban		Rural	
		Male	Female	Male	Female	Total	Urban-ized areas of 250,000 or more		
Total.....	119,333	51,791	55,570	5,679	6,293	76,298	43,671	43,035	40.4
Protestant.....	78,952	32,320	36,155	4,851	5,626	44,726	21,458	34,226	40.8
Baptist.....	23,525	7,822	8,450	3,354	3,899	(1)	(1)	(1)	(1)
Lutheran.....	8,417	4,084	4,301	17	15	(1)	(1)	(1)	(1)
Methodist.....	16,878	6,738	7,821	985	1,099	(1)	(1)	(1)	(1)
Presbyterian.....	6,656	3,003	3,549	67	50	(1)	(1)	(1)	(1)
Other Protestant.....	23,678	10,626	12,034	455	553	(1)	(1)	(1)	(1)
Roman Catholic.....	30,669	14,398	15,499	361	413	24,173	16,528	6,496	38.7
Jewish.....	3,868	1,860	1,999	1	8	3,718	3,380	150	44.5
Other religion.....	1,545	688	676	88	93	1,196	817	349	43.5
No religion.....	3,195	2,051	730	306	108	1,732	942	1,463	42.0
Religion not reported.....	1,104	476	511	72	45	753	546	351	(2)

<sup>1</sup> Not available. <sup>2</sup> Included with "Other religion."

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 79.

## No. 53.—RELIGIOUS BODIES—CHURCH MEMBERSHIP, NUMBER OF PASTORS, AND SUNDAY SCHOOL ENROLLMENT

[Represents latest information available from religious bodies; excludes a few groups giving no data, such as Church of Christ, Scientist. Totals include, substantially, those religious bodies reporting to Bureau of Census for Census of Religious Bodies in 1936. 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; Jews regard as members all Jews in communities having congregations; 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 Protestant Episcopal Church now report all baptized persons, and not only those confirmed.]

RELIGIOUS BODY	Year	Number of churches reported	Church membership	Number of pastors with charges	Sunday or Sabbath School enrollment <sup>1</sup>
<b>Total</b> .....		<b>308,647</b>	<b>103,224,954</b>	<b>235,100</b>	<b>39,904,276</b>
<b>Bodies with membership of 50,000 or over</b> .....		<b>239,446</b>	<b>101,627,542</b>	<b>220,205</b>	<b>38,517,217</b>
Adventist Bodies: Seventh-day Adventists.....	1956	2,880	283,140	2,208	280,562
Apostolic Overcoming Holy Church of God.....	1961	300	75,000	850	4,698
Assemblies of God.....	1956	7,916	470,361	7,916	878,080
<b>Baptist Bodies:</b>					
American Baptist Convention.....	1956	6,372	1,528,210	5,100	945,946
Southern Baptist Convention.....	1956	30,797	8,700,481	24,896	6,812,914
National Baptist Convention, U. S. A., Inc.....	1954	25,603	4,557,416	<sup>3</sup> 18,964	2,407,348
National Baptist Convention of America.....	1956	11,398	2,668,799	7,598	<sup>4</sup> 1,000,100
American Baptist Association.....	1956	3,000	600,000	2,100	232,000
Baptist General Conference of America.....	1956	441	59,304	406	77,253
Conservative Baptist Association of America.....	1956	1,000	250,000	<sup>5</sup> 970	350,000
Free Will Baptists.....	1956	2,054	163,619	<sup>6</sup> 1,543	142,000
General Association of Regular Baptist Churches.....	1956	759	129,100	<sup>6</sup> 675	-----
General Baptists.....	1956	722	55,300	496	80,000
National Baptist Evangelical Life and Soul Saving Assembly of U. S. A.....	1951	264	57,674	128	<sup>6</sup> 46,021
National Primitive Baptist Convention of the U. S. A.....	1952	1,019	80,000	600	42,308
North American Baptist Association.....	1956	1,778	261,202	1,542	235,345
Primitive Baptists.....	1950	1,000	72,000	-----	<sup>2</sup> 40,360
United Baptists.....	1955	568	63,641	415	15,385
United Free Will Baptist Church.....	1952	836	100,000	915	31,500
Brethren (German Baptist): Church of the Brethren.....	1956	1,052	197,290	869	153,819
Buddhist Churches of America.....	1956	48	<sup>7</sup> 63,000	59	<sup>7</sup> 15,450
Christ Unity Science Church.....	1953	4,481	1,581,286	4,971	548,990
Christian and Missionary Alliance.....	1955	954	<sup>7</sup> 57,109	922	123,470
Churches of God:					
Church of God (Cleveland, Tenn.).....	1956	2,939	147,929	2,939	266,793
Church of God (Anderson, Ind.).....	1956	2,195	127,395	1,736	220,098
The Church of God.....	1955	1,818	70,941	1,519	105,783
Church of God in Christ.....	1956	3,500	360,428	3,300	91,000
Churches of the Nazarene.....	1956	4,169	277,618	3,841	586,488
Congregational Christian Churches.....	1956	16,250	1,700,000	<sup>7</sup> 14,000	<sup>2</sup> 900,615
Disciples of Christ, International Convention.....	1956	5,549	1,379,394	3,409	793,454
		7,982	1,922,484	4,265	1,273,854

See footnotes at end of table.

No. 53.—RELIGIOUS BODIES—CHURCH MEMBERSHIP, NUMBER OF PASTORS, AND  
SUNDAY SCHOOL ENROLLMENT—Continued

RELIGIOUS BODY	Year	Number of churches reported	Church membership	Number of pastors with charges	Sunday or Sabbath School enrollment <sup>1</sup>
<b>Bodies with membership of 50,000 or over—Con.</b>					
<b>Eastern Churches:</b>					
American Carpatho-Russian Orthodox Greek Catholic Church.....	1955	70	100,000	50	2,480
Armenian Apostolic Church of America.....	1956	61	102,900	46	3,585
Greek Archdiocese of North and South America.....	1956	378	1,150,000	400	59,500
Romanian Orthodox Episcopate of America.....	1956	51	50,000	35	1,000
The Russian Orthodox Church Outside Russia.....	1955	81	<sup>2</sup> 55,000	92	-----
The Russian Orthodox Greek Catholic Church of America.....	1956	359	760,000	361	12,850
Serbian Eastern Orthodox Church.....	1955	53	100,000	59	3,080
Syrian Antiochian Orthodox Church.....	1956	80	110,000	110	20,300
Ukrainian Orthodox Church of U. S. A. ....	1956	91	83,000	91	2,828
Evangelical and Reformed Church.....	1956	2,736	784,270	1,885	550,162
Evangelical Mission Covenant Church of America.....	1956	493	55,311	415	78,712
Evangelical United Brethren Church.....	1956	4,354	742,537	2,574	708,277
Federated Churches.....	1936	508	88,411	-----	69,628
Friends: Five Years Meeting of Friends.....	1956	486	73,095	340	40,720
Independent Fundamental Churches of America.....	1956	400	<sup>3</sup> 65,000	712	-----
International Church of the Foursquare Gospel.....	1956	692	110,568	602	64,809
Jehovah's witnesses.....	1956	3,597	189,517	-----	-----
Jewish Congregations.....	1954	4,079	5,500,000	2,902	412,818
<b>Latter-day Saints:</b>					
Church of Jesus Christ of Latter-Day Saints.....	1956	2,869	1,289,581	2,869	1,173,547
Reorganized Church of Jesus Christ of Latter-day Saints.....	1956	850	142,480	850	84,232
<b>Lutheran:</b>					
Lutheran Synodical Conference of N. A.: Lutheran Church, Missouri Synod.....	1956	4,893	2,076,550	3,938	724,288
Evangelical Lutheran Joint Synod of Wisconsin and other States.....	1956	858	339,106	674	48,621
American Lutheran Church.....	1955	1,938	871,446	1,529	384,224
Augustana Evangelical Lutheran Church.....	1956	1,177	549,004	878	227,757
Evangelical Lutheran Church.....	1956	2,468	1,021,058	1,284	347,500
Lutheran Free Church.....	1956	360	78,155	163	31,520
United Evangelical Lutheran Church.....	1956	169	<sup>4</sup> 54,098	<sup>5</sup> 129	30,750
United Lutheran Church in America.....	1956	4,050	2,174,500	3,050	853,874
Mennonite Bodies: Mennonite Church.....	1956	468	70,513	1,129	103,601
<b>Methodist Bodies:</b>					
African Methodist Episcopal Church.....	1951	5,878	1,166,301	5,878	363,432
African Methodist Episcopal Zion Church.....	1956	3,083	761,000	2,600	197,500
Christian Methodist Episcopal Church.....	1951	2,469	392,167	1,820	<sup>6</sup> 125,382
Free Methodist Church of North America.....	1956	1,225	54,014	1,200	131,576
The Methodist Church.....	1956	39,845	9,422,893	23,961	6,955,729
<b>Moravian Bodies: Moravian Church in America (Unitas Fratrum).....</b>					
Old Catholic Churches: North American Old Roman Catholic Church.....	1956	159	56,449	131	28,939
Pentecostal Assemblies: Pentecostal Assemblies of the World, Inc.....	1954	395	60,000	384	<sup>7</sup> 40,000
Pentecostal Church of God of America, Inc.....	1956	900	103,500	900	100,000
United Pentecostal Church, Inc.....	1955	1,500	125,000	1,500	<sup>8</sup> 130,000
Polish National Catholic Church of America.....	1956	157	250,000	132	<sup>9</sup> 23,543
<b>Presbyterian Bodies:</b>					
Cumberland Presbyterian Church.....	1956	997	85,651	575	71,589
Presbyterian Church in the U. S. ....	1956	3,875	829,570	2,435	695,600
Presbyterian Church in the U. S. A. ....	1956	8,329	2,717,320	6,500	<sup>10</sup> 1,619,262
United Presbyterian Church of N. A. ....	1956	833	251,344	660	194,485
Protestant Episcopal Church.....	1956	6,708	2,852,965	<sup>11</sup> 4,963	806,439
<b>Reformed Bodies:</b>					
Christian Reformed Church.....	1956	495	211,454	392	52,063
Reformed Church in America.....	1956	845	208,999	703	170,511
Roman Catholic Church.....	1956	21,121	34,563,851	15,823	2,452,595
Salvation Army.....	1956	1,282	247,964	2,395	159,194
<b>Spiritualists: International General Assembly of Spiritualists.....</b>					
Unitarian Churches.....	1956	209	164,072	221	<sup>12</sup> 4,635
Universalist Church of America.....	1956	373	101,549	333	46,296
Universalist Church of America.....	1956	388	70,516	228	<sup>13</sup> 21,275
<b>Bodies with membership of less than 50,000.....</b>	-----	19,201	1,597,412	14,895	1,387,059

<sup>1</sup> Includes pupils, officers, and teachers enrolled.<sup>2</sup> 1936 data.<sup>3</sup> 1952 data.<sup>4</sup> 1944 data.<sup>5</sup> 1955 data.<sup>6</sup> 1949 data.<sup>7</sup> 1954 data.<sup>8</sup> 1951 data.<sup>9</sup> 1946 data.

# No. 54.—RELIGIOUS BODIES—CHURCH MEMBERSHIP AND SUNDAY SCHOOLS: 1926 TO 1956

[See headnote, table 53]

ITEM	1926	1940	1950	1955	1956
All religious bodies:					
Number of members.....	54, 576, 346	64, 501, 594	86, 830, 490	100, 162, 529	103, 224, 95
Percent of total population.....	47	49	57	61	62
Average number per local church.....	235	265	304	323	334
All Protestant bodies.....	31, 511, 701	37, 814, 606	51, 079, 578	58, 448, 567	60, 148, 980
The Roman Catholic Church.....	18, 605, 003	21, 284, 455	28, 634, 878	33, 396, 647	34, 563, 851
Other.....	4, 459, 642	5, 402, 533	7, 116, 034	8, 317, 315	8, 512, 123
Sunday and Sabbath Schools:					
Number of schools.....	184, 686	1 213, 424	246, 240	264, 726	270, 606
Enrollment.....	23, 206, 374	1 24, 100, 710	29, 776, 357	38, 921, 033	39, 904, 276

<sup>1</sup> 1941-1942.Source: National Council of the Churches of Christ in the United States of America; *Yearbook of American Churches*.

# No. 55.—RELIGIOUS BODIES—CHURCH CONTRIBUTIONS FROM LIVING DONORS

[Represents data for 52 religious bodies reporting annual contributions except as noted]

RELIGIOUS BODY	Reports for year ending—	TOTAL CONTRIBUTIONS		Benevo- lences <sup>1</sup>	Congrega- tional expenses <sup>2</sup>
		Amount	Per member		
Total, 52 bodies.....		\$2, 041, 908, 161	\$ 56. 74.	\$386, 868, 231	\$1, 655, 039, 930
Bodies with membership of 50,000 or over.....					
Adventists: Seventh-day.....	Dec. 31, 1956	1, 996, 411, 328		376, 120, 003	1, 620, 291, 325
Baptist: American Convention.....	do	58, 285, 364	202. 02	46, 352, 218	11, 933, 146
Gen. Conference of America.....	Apr. 30, 1957	57, 123, 501	\$ 37. 18	10, 765, 543	46, 357, 953
Southern Convention.....	Sept. 30, 1956	8, 104, 097	\$ 136. 65	1, 635, 578	6, 468, 519
Brethren, Church of the.....	do	372, 136, 675	\$ 48. 17	64, 954, 516	307, 182, 159
Church of God (Anderson, Ind.).....	do	10, 936, 286	\$ 63. 15	2, 497, 503	8, 438, 782
Church of the Nazarene.....	June 30, 1957	11, 871, 218	100. 92	1, 746, 218	10, 125, 000
Congregational Christian.....	Dec. 31, 1956	37, 404, 741	129. 94	6, 944, 297	30, 460, 444
Disciples of Christ.....	do	89, 914, 505	65. 18	9, 128, 361	80, 786, 144
Evangelical and Reformed.....	June 30, 1956	71, 397, 159	37. 14	11, 089, 996	60, 307, 163
Evangelical Mission Covenant.....	Dec. 31, 1956	51, 519, 531	64. 88	7, 562, 406	43, 957, 125
Church of America.....	do	7, 944, 592	141. 09	1, 944, 708	5, 999, 884
Evangelical United Brethren.....	June 30, 1957	44, 727, 060	60. 57	9, 473, 408	35, 253, 652
International Foursquare Gospel.....	Dec. 31, 1956	5, 212, 984	46. 62	958, 617	4, 254, 367
Lutheran: American.....	do	45, 316, 809	72. 35	6, 122, 338	39, 194, 471
Augustana.....	do	24, 893, 792	66. 15	4, 601, 202	20, 292, 590
Evangelical.....	Jan. 31, 1957	39, 096, 038	56. 47	8, 037, 676	31, 058, 362
Missouri Synod.....	Dec. 31, 1956	112, 009, 871	80. 88	21, 756, 555	90, 253, 316
United.....	do	93, 321, 223	58. 46	18, 963, 021	74, 358, 202
Wisconsin and other States.....	do	12, 797, 489	56. 10	2, 420, 688	10, 376, 801
Methodist: Free.....	Aug. 31, 1957	8, 250, 919	\$ 151. 23	2, 063, 822	6, 187, 097
Methodist Church.....	Dec. 31, 1956	413, 893, 955	43. 82	58, 492, 805	355, 401, 150
Presbyterian: Cumberland.....	do	4, 254, 865	49. 70	522, 416	3, 732, 449
U. S.....	do	73, 477, 855	88. 56	17, 468, 296	56, 009, 259
U. S. A.....	do	202, 374, 691	72. 03	33, 489, 856	168, 904, 835
United.....	do	18, 424, 936	73. 30	4, 069, 242	14, 355, 694
Protestant Episcopal.....	do	103, 003, 465	52. 79	19, 283, 351	83, 726, 114
Reformed Church in America.....	do	18, 718, 008	58. 56	3, 795, 366	14, 922, 642
Bodies with membership of less than 50,000.....					
		45, 496, 833		10, 748, 228	34, 748, 605

<sup>1</sup> Includes contributions for home and foreign missions.<sup>2</sup> Represents contributions to expenses of local parish or church, including building funds, repairs, fuel, minister's salary—anything that is for local church.<sup>3</sup> 41 bodies.<sup>4</sup> Excluded from total because not comparable.Source: National Council of the Churches of Christ in the United States of America; published in *Statistics of Giving*, November 1957.

## Section 2

### Vital Statistics, Health, and Nutrition

This section presents vital statistics—data on births, deaths, fetal deaths (stillbirths), marriages, divorces—and data on communicable diseases, mental health, medical care, hospitals, and nutrition. Vital statistics are compiled and published by the National Office of Vital Statistics, Public Health Service, in its annual report, *Vital Statistics of the United States*, and its *Monthly Vital Statistics Report*. Reports in this field are also issued by the individual State bureaus of vital statistics.

**Births and deaths.**—The collection of death statistics on an annual basis began in 1900. Then the death-registration States consisted of 10 States and the District of Columbia. In 1915, the collection of birth statistics began with 10 States and the District of Columbia. The changing composition of the two registration areas<sup>1</sup> makes it impossible to obtain geographically comparable birth and death data for the entire United States before 1933. However, the rates for the expanding groups of registration States are approximations of national rates, and general comparisons over a long period of years can be made. Beginning with 1933, the birth and death registration areas have comprised the entire continental United States. National statistics on fetal deaths were compiled for 1918 and annually since 1922.

Birth statistics refer to live births occurring in continental United States unless otherwise noted. Prior to 1951, these data were based on a complete count of the records received in the National Office of Vital Statistics. From 1951 to 1954, the figures were based on a 50-percent sample of all registered births. In 1955, all the records were again counted, but in 1956 the basis reverted to a 50-percent sample. Adjustments shown for underregistration of births are based, for the most part, on the results of nationwide tests of registration completeness in 1940 and 1950.<sup>2</sup>

Death statistics comprise only deaths occurring in continental United States unless otherwise noted; deaths among Armed Forces overseas are excluded. Current figures are based on a 10-percent sample of death certificates filed in State vital statistics offices. Fetal deaths (stillbirths) are excluded from death statistics. Fetal death figures represent only fetal deaths for which the period of gestation was 20 weeks or more, or was not stated, since many States do not require the registration of earlier fetal deaths.

Births, deaths, and fetal deaths are classified by place of occurrence and by place of residence<sup>3</sup> of the mother or of the decedent.

**Marriages and divorces.**—National collections of statistics on marriages and divorces in the United States were made for the years 1867 to 1906, 1916, 1922 to 1932, 1937 to 1940, and 1944 to 1957. Estimates have been made for the intervening years as well as for years in which collections were not complete. A marriage-registration area covering 29 States and 5 independent registration areas was established by the National Office of Vital Statistics on January 1, 1957. A divorce-and-annulment-registration area with 14 States and 3 independent registration areas was inaugurated on January 1, 1958. The establishment of these registration areas represents an attempt to improve national statistics of marriages and divorces.

<sup>1</sup> For coverage of these areas, see *Historical Statistics of the United States, 1789-1945*, series C 1-5.

<sup>2</sup> For a description of these tests and their findings see *Birth Registration Completeness in the United States and Geographic Areas, 1950, Part I, Data for each State*, Vital Statistics—Special Reports, Vol. 39, No. 2.

<sup>3</sup> For a discussion of methods of residence allocation and of significance of residence figures, see *Vital Statistics of the United States, 1950*.

NOTE.—This section presents data for the most recent year or period available on February 7, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

**Vital statistics rates.**—Vital statistics rates computed by the National Office of Vital Statistics are based upon the enumerated population figures as of April 1 for 1940 and 1950, and upon the estimated midyear population figures for other years, provided by the Bureau of the Census. The special situation created by the changes in size and disposition of the Armed Forces necessitated the use of different types of population bases during the war and postwar period.<sup>4</sup> Birth and divorce rates for 1941 to 1946 for the United States are based on the total population including members of the Armed Forces overseas. Birth and divorce rates for 1940 and 1947 to 1957 and death and marriage rates for 1940 to 1957 for the United States and the individual States are based on total population present in the area, excluding Armed Forces overseas.

**Morbidity.**—Statistics on morbidity are compiled and published by the Public Health Service in its *Morbidity and Mortality Annual Supplement*. The type of diseases reported by individual States depends upon laws or regulations within the various States. However, most of the common communicable diseases are reportable in all States. Data on morbidity in the general population are also obtained occasionally by special surveys conducted in various communities or States. A clearing-house of such surveys is maintained by the Public Health Service.

A new source of health statistics is the U. S. National Health Survey which covers diseases, accidental injuries, impairments, disability, volume of medical and dental care, and hospitalization. Results of the Survey are published by the Public Health Service in a series of reports beginning in October 1957.

Morbidity statistics for members of the Armed Forces are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics of industrial injuries (see pp. 234 and 235).

**Medical care.**—Statistics of hospitals are obtained from the annual survey of hospitals conducted by the American Hospital Association. These statistics are published annually by that organization in *Hospitals*, Guide Issue, and include only hospitals that meet American Hospital Association requirements for listing. A relatively large number of institutions that provide health care, such as nursing and convalescent homes, are not included in the survey. Practically all of the hospitals in the country that meet the following definition of a hospital are included: A hospital is any establishment offering services, facilities and beds for use beyond 24 hours by two or more nonrelated individuals requiring diagnosis, treatment or care for illness, injury, deformity, infirmity, abnormality or pregnancy, and regularly making available at least (1) clinical laboratory services, (2) diagnostic X-ray services, and (3) treatment facilities for (a) surgery, or (b) obstetrical care, or (c) other definitive medical treatment of similar extent. *Hospital Service in the United States*, a publication of the American Medical Association, discontinued in June 1954, presented data on hospital facilities for many years. Statistics supporting comprehensive, long-range plans for construction of hospital facilities authorized under Title VI of the Public Health Service Act are revised annually. Summary data on existing hospital beds from 1948 to 1955 appear in *Public Health Reports* (May 1955 issue, p. 484).

Statistics on institutional population based on the 1950 Census of Population include information on number and characteristics of persons in long-term hospitals, in homes and schools for the mentally and physically handicapped, and in homes for the aged and dependent (*U. S. Census of Population, 1950*, Vol. IV, Part 2C).

Sample surveys are conducted occasionally to provide information on the medical care received by the population of various communities or States, and certain insurance organizations publish statistics on the medical care received by their beneficiaries.

<sup>4</sup> For a discussion of the interpretation of crude rates during wartime, see *Summary of Natality and Mortality Statistics, United States, 1943*, Vital Statistics—Special Reports, Vol. 21, No. 1, and *Marriage and Divorce in the United States, 1937 to 1945*, Vital Statistics—Special Reports, Vol. 23, No. 9.



Another aspect of medical care is provided by statistics on patients in hospitals for mental disease, and in institutions for mental defectives and epileptics. From 1926 to 1946, such data were collected annually by the Bureau of the Census. Beginning with the 1947 report, the data appear in the annual report *Patients in Mental Institutions* issued by the National Institute of Mental Health, Public Health Service.

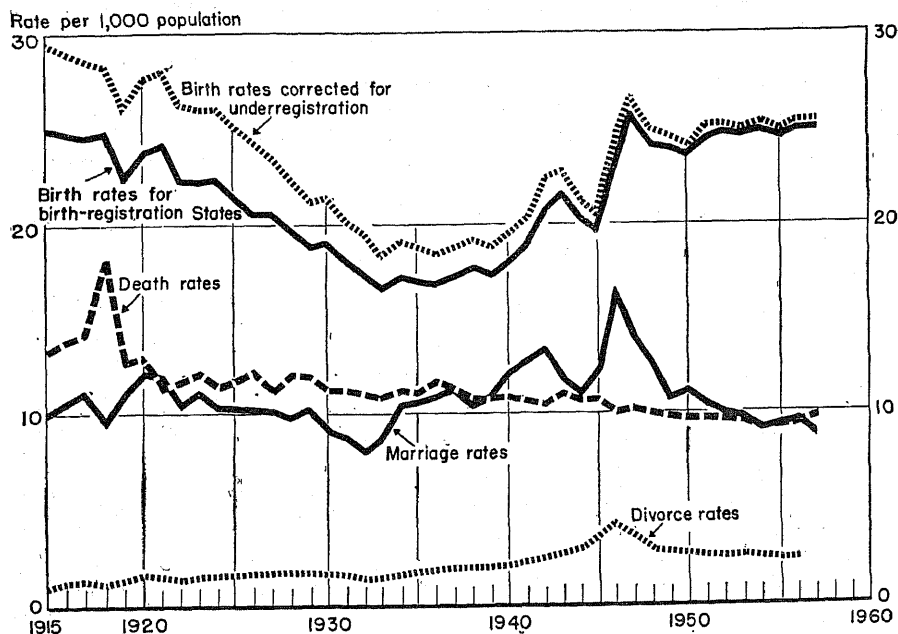
**Nutrition.**—Statistics on the apparent per capita consumption of food and its nutrient value are estimated by the Department of Agriculture and published quarterly (nutrient value, annually) in the *National Food Situation*. A discussion of methods used to compute these figures and more detailed information appear in Agriculture Handbook No. 62, *Consumption of Food in the United States, 1909-52*, and in the 1956 supplement to that publication.

Statistics on Federal food distribution programs, and data on the quantity and costs of the food commodities distributed and the number of persons participating in the programs are published annually in *Agricultural Statistics*.

**Historical Statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series C 24, C 45, C 77-78") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

Fig. VI.—VITAL STATISTICS RATES: 1915 TO 1957

[See tables 56 and 57]



Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics.

### No. 56.—BIRTHS, DEATHS, MARRIAGES, AND DIVORCES AND RATE PER 1,000 POPULATION: 1900 TO 1957

[Births and deaths are registered births and deaths only; for years prior to 1933 not all States were represented (see text, p. 53); for births adjusted for underregistration, see table 57. For additional rates, see *Historical Statistics, 1789-1945*, series C 24, C 45, C 77-78]

YEAR	Births	Deaths	Mar- riages <sup>1</sup>	Di- vorces <sup>2</sup>	RATE PER 1,000 POPULATION <sup>3</sup>			
					Births	Deaths	Mar- riages <sup>1</sup>	Di- vorces <sup>2</sup>
1900.....		843, 217	709, 000	55, 751		17. 2	9. 3	0. 7
1905.....		845, 868	842, 000	87, 976		15. 9	10. 0	0. 8
1910.....		696, 856	948, 160	83, 045		14. 7	10. 3	0. 9
1915.....	776, 304	815, 500	1, 007, 535	104, 298	25. 0	13. 2	10. 0	1. 0
1920.....	1, 508, 874	1, 118, 070	1, 274, 476	170, 505	23. 7	13. 0	12. 0	1. 6
1925.....	1, 878, 880	1, 191, 809	1, 188, 384	175, 449	21. 3	11. 7	10. 3	1. 5
1930.....	2, 203, 958	1, 327, 240	1, 126, 855	195, 961	18. 9	11. 3	9. 2	1. 6
1935.....	2, 155, 105	1, 392, 752	1, 327, 000	213, 000	16. 9	10. 9	10. 4	1. 7
1940.....	2, 360, 399	1, 417, 269	1, 585, 879	254, 000	17. 9	10. 8	12. 1	2. 0
1945.....	2, 735, 456	1, 401, 719	1, 612, 992	485, 000	19. 5	10. 6	12. 2	3. 5
1950.....	3, 554, 149	1, 452, 454	1, 667, 231	385, 144	23. 6	9. 6	11. 1	2. 6
1951.....	3, 750, 850	1, 482, 099	1, 594, 694	381, 000	24. 5	9. 7	10. 4	2. 5
1952.....	3, 846, 986	1, 496, 838	1, 539, 318	392, 000	24. 7	9. 6	9. 9	2. 5
1953.....	3, 902, 120	1, 617, 541	1, 546, 000	390, 000	24. 6	9. 6	9. 8	2. 5
1954.....	4, 017, 362	1, 481, 091	1, 490, 000	379, 000	24. 9	9. 2	9. 2	2. 4
1955.....	4, 047, 295	1, 528, 717	1, 531, 000	377, 000	24. 6	9. 3	9. 3	2. 3
1956.....	4, 163, 090	1, 564, 476	1, 585, 000	382, 000	24. 9	9. 4	9. 5	2. 3
1957 <sup>4</sup> .....	4, 254, 000	1, 636, 000	1, 516, 000	( <sup>5</sup> )	25. 0	9. 6	8. 9	( <sup>6</sup> )

<sup>1</sup> Estimated for 1920, 1935, and 1953-57. Includes estimates and marriage licenses for some States for all years.

<sup>2</sup> Estimated, except for 1900, 1905, 1925, and 1930. Includes reported annulments.

<sup>3</sup> For 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1. Birth and divorce rates for 1945 based on population including Armed Forces overseas; for 1940 and 1950-57 based on population excluding Armed Forces overseas. Death and marriage rates for 1940-57 based on population excluding Armed Forces overseas.

<sup>4</sup> Based on 50-percent sample. <sup>5</sup> Provisional. <sup>6</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

### No. 57.—REGISTERED BIRTHS, ESTIMATED BIRTHS ADJUSTED FOR UNDERREGISTRATION, AND RATE PER 1,000 POPULATION, BY COLOR: 1910 TO 1957

[For total registered births, see table 56. See also *Historical Statistics, 1789-1945*, series C 25 and C 26]

YEAR	REGISTERED BIRTHS				BIRTHS ADJUSTED FOR UNDERREGISTRATION <sup>2</sup>					
	Number		Rate <sup>1</sup>		Number			Rate <sup>1</sup>		
	White	Non-white	White	Non-white	Total	White	Non-white	Total	White	Non-white
1910.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2, 777, 000	2, 401, 000	( <sup>4</sup> )	30. 1	29. 2	( <sup>4</sup> )
1915.....	763, 899	12, 405	25. 1	18. 4	2, 955, 000	2, 594, 000	( <sup>4</sup> )	29. 5	28. 9	( <sup>4</sup> )
1920.....	1, 395, 523	113, 351	23. 5	27. 0	2, 950, 000	2, 595, 000	333, 000	27. 7	26. 9	35. 0
1925.....	1, 731, 669	147, 211	21. 0	25. 4	2, 909, 000	2, 506, 000	403, 000	25. 1	24. 1	34. 2
1930.....	1, 958, 163	250, 795	18. 6	21. 6	2, 618, 000	2, 274, 000	344, 000	21. 3	20. 6	27. 5
1935.....	1, 885, 612	267, 093	16. 5	20. 6	2, 377, 000	2, 042, 000	334, 000	18. 7	17. 9	25. 8
1940.....	2, 067, 853	292, 446	17. 5	21. 7	2, 559, 000	2, 199, 000	360, 000	19. 4	18. 6	26. 7
1945.....	2, 895, 653	339, 893	19. 1	23. 2	2, 855, 000	2, 471, 000	388, 000	20. 4	19. 7	26. 5
1950.....	3, 063, 627	490, 522	22. 7	31. 1	3, 632, 000	3, 108, 000	524, 000	24. 1	23. 0	33. 3
1951.....	3, 237, 072	513, 778	23. 6	31. 8	3, 823, 000	3, 277, 000	546, 000	24. 9	23. 9	33. 8
1952.....	3, 322, 658	524, 328	23. 9	31. 8	3, 913, 000	3, 358, 000	555, 000	25. 1	24. 1	33. 6
1953.....	3, 356, 772	545, 348	23. 7	32. 3	3, 905, 000	3, 389, 000	575, 000	25. 0	24. 0	34. 1
1954.....	3, 443, 630	573, 732	23. 9	33. 2	4, 078, 000	3, 475, 000	603, 000	25. 3	24. 1	34. 9
1955.....	3, 458, 448	588, 847	23. 6	33. 1	4, 104, 000	3, 488, 000	617, 000	25. 0	23. 8	34. 7
1956.....	3, 545, 350	617, 740	23. 8	33. 9	4, 218, 000	3, 573, 000	645, 000	25. 2	24. 0	35. 4
1957 <sup>5</sup> .....	3, 623, 000	631, 000	23. 9	33. 8	4, 301, 000	3, 644, 000	657, 000	25. 3	24. 0	35. 2

<sup>1</sup> For 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1. For 1945 based on population including Armed Forces overseas; for 1940 and 1950-57 based on total population residing in area.

<sup>2</sup> Includes adjustments for States not in the birth-registration area before 1933; see text, p. 53.

<sup>3</sup> Not available. Birth-registration area began in 1915; see text, p. 53.

<sup>4</sup> Not estimated. Differences between estimated numbers of all births and white births do not give reliable estimates for nonwhite births. <sup>5</sup> Based on a 50-percent sample. <sup>6</sup> Estimated.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, *Vital Statistics—Special Reports*, Vol. 43, and *Monthly Vital Statistics Report*.

# No. 58.—REGISTERED BIRTHS, BY ATTENDANT AND SEX, AND ESTIMATED BIRTHS ADJUSTED FOR UNDERREGISTRATION, BY SEX: 1935 TO 1956

[For total registered births, see table 56; for total estimated births, see table 57]

YEAR	REGISTERED BIRTHS					BIRTHS ADJUSTED FOR UNDER-REGISTRATION		
	Male	Female	Attended by—			Male	Female	Male births per 1,000 female births
			Physician in hospital <sup>1</sup>	Physician not in hospital	Midwife, other, and not specified			
1935.....	1, 105, 489	1, 049, 616	795, 629	1, 089, 832	269, 644	1, 219, 000	1, 158, 000	1, 053
1940.....	1, 211, 684	1, 148, 715	1, 316, 768	825, 271	218, 360	1, 313, 000	1, 246, 000	1, 054
1945.....	1, 404, 587	1, 330, 869	2, 155, 594	402, 890	176, 972	1, 487, 000	1, 391, 000	1, 055
1949.....	1, 826, 352	1, 733, 177	3, 087, 080	289, 981	182, 468	1, 872, 000	1, 777, 000	1, 054
1950.....	1, 823, 555	1, 730, 594	3, 125, 975	251, 539	176, 635	1, 863, 000	1, 768, 000	1, 054
1951 <sup>2</sup> .....	1, 923, 020	1, 827, 830	3, 376, 996	204, 548	169, 306	1, 960, 000	1, 863, 000	1, 052
1952 <sup>2</sup> .....	1, 971, 262	1, 875, 724	3, 529, 156	162, 000	155, 830	2, 005, 000	1, 908, 000	1, 051
1953 <sup>2</sup> .....	2, 001, 798	1, 900, 322	3, 621, 362	135, 700	145, 058	2, 034, 000	1, 931, 000	1, 053
1954 <sup>2</sup> .....	2, 059, 068	1, 958, 294	3, 759, 518	118, 478	139, 366	2, 090, 000	1, 988, 000	1, 051
1955.....	2, 073, 719	1, 973, 576	3, 818, 810	100, 756	127, 729	2, 103, 000	2, 001, 000	1, 051
1956 <sup>2</sup> .....	2, 133, 588	2, 029, 502	3, 959, 428	85, 406	118, 256	2, 162, 000	2, 056, 000	1, 052

<sup>1</sup> It is assumed that all births in hospitals or institutions are attended by physicians.

<sup>2</sup> Based on a 50-percent sample.

# No. 59.—LIVE BIRTH RATE ADJUSTED FOR UNDERREGISTRATION, BY COLOR AND AGE OF MOTHER: 1940 TO 1956

[Births per 1,000 female population in each specified group, enumerated as of April 1 for 1940 and 1950, and for all other years estimated as of July 1. For rates based on registered births, see *Historical Statistics, 1789-1945*, series C 28-35]

YEAR	15 TO 44 YEARS <sup>1</sup>			AGE OF MOTHER							
	Total	White	Non-white	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years <sup>2</sup>
1940-----	79.9	77.1	102.4	0.7	54.1	135.6	122.8	83.4	46.3	15.6	1.9
1945-----	85.9	83.4	106.0	0.8	51.1	138.9	132.2	100.2	56.9	16.6	1.6
1949-----	107.1	103.6	135.1	1.0	83.4	200.1	165.4	102.1	53.5	15.3	1.3
1950-----	106.2	102.3	137.3	1.0	81.6	196.6	166.1	103.7	52.9	15.1	1.2
1951 <sup>3</sup> -----	111.3	107.4	141.9	1.0	86.9	212.0	174.2	108.3	54.1	15.3	1.2
1952 <sup>3</sup> -----	113.5	109.8	143.1	0.9	85.4	218.1	180.4	113.1	56.1	15.3	1.2
1953 <sup>3</sup> -----	114.7	110.6	147.0	0.9	87.5	224.5	183.8	113.0	57.3	15.5	1.1
1954 <sup>3</sup> -----	117.6	113.1	152.9	1.0	89.8	235.6	188.5	116.4	58.8	15.8	1.1
1955-----	118.0	113.2	155.1	0.9	89.7	240.4	190.8	115.8	59.5	15.7	1.1
1956 <sup>3</sup> -----	120.8	115.6	161.0	1.0	94.2	251.3	195.5	116.4	60.3	15.9	1.0

<sup>1</sup> Rates computed by relating total births, regardless of age of mother, to female population aged 15 to 44 years.

<sup>2</sup> Rates computed by relating births to mothers aged 45 years and over, to female population aged 45 to 49 years.

<sup>3</sup> Based on a 50-percent sample.

Source of tables 58 and 59: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# No. 60.—LIVE BIRTH RATE ADJUSTED FOR UNDERREGISTRATION, BY ORDER OF BIRTH, FOR NATIVE WHITE WOMEN: 1925 TO 1956<sup>1</sup>

[Births per 1,000 women 15 to 44 years old. Includes adjustments for States not in the birth-registration area prior to 1933. Figures for births of order not stated are distributed. Estimates and population bases for 1920 to 1935 (as of July 1) prepared by P. K. Whelpton. For 1940 and 1950, based on enumerated population as of April 1; for 1945, estimated as of April 1; and for 1952 to 1956, estimated as of July 1]

ORDER OF BIRTH	1925	1930	1935	1940	1945	1950	1952 <sup>1</sup>	1953 <sup>1</sup>	1954 <sup>1</sup>	1955	1956 <sup>1</sup>
Total.....	100	86	75	78	85	103	111	111	114	114	116
First birth.....	31	29	28	30	30	34	35	33	33	33	33
Second birth.....	22	20	17	20	24	32	33	33	33	32	32
Third birth.....	15	12	10	11	13	18	21	22	23	23	23
Fourth birth.....	10	8	7	6	7	8	10	11	12	13	13
Fifth birth.....	7	6	4	4	4	4	5	5	6	6	7
Sixth birth.....	5	4	3	2	2	2	3	3	3	3	3
Seventh birth.....	3	3	2	2	2	1	1	2	2	2	2
Eighth birth and over.....	7	5	4	3	3	2	2	2	2	2	3

<sup>1</sup> Based on a 50-percent sample.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 43.

# NO. 61.—BIRTHS ADJUSTED FOR UNDERREGISTRATION, AND CRUDE BIRTH RATE, BY STATES: 1940 TO 1957

[By place of residence, except as noted. Figures are shown to the last digit as computed, for convenience in summation. They are not assumed to be correct to the last digit]

STATE	BIRTHS (ADJUSTED FOR UNDERREGISTRATION)					RATE <sup>3</sup>				
	1940	1950	1955	1956 <sup>1</sup>	1957 <sup>2</sup>	1940	1950	1955	1956 <sup>1</sup>	1957 <sup>2</sup>
<b>U. S.</b> .....	2,558,647	3,631,512	4,104,112	4,218,035	(4)	19.4	24.1	25.0	25.2	(4)
<b>New England</b> .....	134,269	195,200	225,343	229,146	(4)	15.9	21.0	23.2	23.5	(4)
Maine.....	15,797	21,237	22,561	22,497	22,063	18.6	23.3	24.5	24.2	23.4
New Hampshire.....	8,447	11,545	12,569	13,012	13,111	17.2	21.7	22.6	23.1	22.9
Vermont.....	7,143	9,042	9,375	9,274	8,949	19.0	23.9	25.6	25.0	23.8
Massachusetts.....	66,231	96,455	110,436	112,376	(4)	15.3	20.6	22.9	23.3	(4)
Rhode Island.....	10,956	16,228	17,909	18,187	19,659	15.4	20.5	21.7	21.5	22.8
Connecticut.....	25,695	40,443	52,503	53,800	55,862	16.0	20.2	23.8	24.2	24.8
<b>Middle Atlantic</b> .....	429,577	623,467	709,506	723,326	736,334	15.6	20.7	22.1	22.4	22.6
New York.....	198,687	302,344	343,924	348,310	360,741	14.7	20.4	21.7	22.0	22.7
New Jersey.....	60,400	96,187	121,807	125,478	124,572	14.5	20.3	22.7	22.8	22.1
Pennsylvania.....	170,490	222,936	243,775	249,538	251,021	17.2	21.2	22.4	22.8	22.7
<b>East North Central</b> .....	469,997	719,549	847,357	884,112	897,860	17.7	23.7	25.1	25.7	25.6
Ohio.....	120,193	187,649	224,746	236,280	243,137	17.4	23.6	25.0	26.0	26.4
Indiana.....	63,779	94,448	109,472	114,501	114,797	18.6	24.0	25.3	25.8	25.3
Illinois.....	123,310	191,768	222,280	231,402	236,143	16.2	22.0	23.9	24.4	24.5
Michigan.....	101,206	162,715	198,205	207,846	207,677	19.3	25.5	26.9	27.4	26.6
Wisconsin.....	56,509	82,979	92,654	94,083	96,106	18.0	24.2	25.0	24.8	24.9
<b>West North Central</b> .....	248,261	337,615	364,460	366,536	370,774	18.4	24.0	24.5	24.3	24.2
Minnesota.....	53,263	75,427	81,778	83,074	84,788	19.1	25.3	26.7	25.5	25.5
Iowa.....	47,337	63,074	64,073	63,786	64,369	18.6	24.1	23.6	23.2	23.0
Missouri.....	68,225	87,694	95,113	97,178	103,623	18.0	22.2	22.7	23.2	24.4
North Dakota.....	13,883	17,138	17,260	16,726	16,610	21.6	27.7	27.0	26.1	25.8
South Dakota.....	12,629	18,074	18,795	18,221	17,867	19.6	27.7	27.6	26.3	25.5
Nebraska.....	22,711	31,953	34,349	34,078	32,583	17.3	24.1	24.7	23.9	22.4
Kansas.....	30,212	44,255	53,083	53,473	50,934	16.8	23.2	25.8	25.4	23.8
<b>South Atlantic</b> .....	430,363	557,786	624,300	641,630	634,690	24.1	26.3	26.6	26.7	25.7
Delaware.....	4,662	7,686	10,624	11,253	11,887	17.5	24.2	26.8	26.9	27.1
Maryland.....	33,347	54,733	68,284	71,138	68,049	18.3	23.4	24.6	25.2	23.5
Dist. of Columbia.....	11,506	20,072	21,200	20,820	23,344	17.4	25.0	25.3	25.1	40.1
Virginia.....	82,044	84,317	96,033	98,259	92,391	23.2	25.4	26.9	26.5	24.3
West Virginia.....	48,788	53,405	45,304	45,600	45,098	25.7	26.6	23.1	23.2	22.8
North Carolina.....	93,986	110,701	118,694	119,496	113,567	26.3	27.3	27.4	27.1	25.2
South Carolina.....	58,139	64,005	68,793	69,220	62,846	30.6	30.2	29.0	29.7	26.5
Georgia.....	80,136	96,833	104,414	106,784	103,581	25.7	28.0	28.6	28.8	27.4
Florida.....	37,755	66,334	90,954	99,060	103,927	19.9	28.9	24.9	25.5	25.4
<b>East South Central</b> .....	274,071	315,697	310,579	310,990	308,002	25.4	27.5	26.8	26.6	26.0
Kentucky.....	71,347	79,139	75,958	75,840	75,240	25.1	26.0	25.4	25.3	24.8
Tennessee.....	60,341	84,116	86,328	86,148	85,346	23.8	25.6	25.4	25.2	24.6
Alabama.....	74,251	86,100	83,907	85,988	83,808	26.2	28.1	27.2	27.6	26.6
Mississippi.....	59,132	66,342	64,386	63,014	63,608	27.1	30.4	30.6	28.3	29.1
<b>West South Central</b> .....	310,947	396,207	432,394	443,950	435,580	23.8	27.3	27.6	27.6	26.8
Arkansas.....	51,278	51,830	45,940	46,433	42,879	26.3	27.1	25.9	26.4	24.3
Louisiana.....	58,925	79,757	88,563	91,809	90,873	24.9	29.7	30.3	30.5	30.6
Oklahoma.....	52,835	52,089	51,174	52,773	50,957	22.6	23.8	23.4	23.6	22.4
Texas.....	147,909	212,531	246,727	252,935	250,871	23.1	27.6	28.1	28.3	27.5
<b>Mountain</b> .....	99,778	146,243	172,409	177,655	177,996	24.0	28.8	28.9	28.7	27.9
Montana.....	11,840	15,094	17,597	17,795	17,994	21.2	26.6	27.9	27.3	27.0
Idaho.....	12,396	16,232	17,166	16,806	16,507	23.6	27.6	28.2	26.9	25.8
Wyoming.....	5,441	7,699	8,678	8,541	8,117	21.7	26.5	27.9	27.0	25.7
Colorado.....	23,412	34,969	40,740	42,294	43,044	20.8	26.4	26.1	26.0	25.7
New Mexico.....	16,818	23,468	27,022	28,143	27,401	31.6	34.5	34.1	34.7	33.0
Arizona.....	13,804	23,013	29,700	31,574	32,281	27.6	30.7	28.8	29.1	28.4
Utah.....	13,851	21,426	25,144	26,779	25,901	25.2	31.1	31.5	31.2	30.4
Nevada.....	2,216	3,742	6,422	6,723	6,661	20.1	23.4	26.2	26.3	24.9
<b>Pacific</b> .....	161,384	339,748	417,764	440,690	458,285	16.1	23.5	24.2	24.6	24.9
Washington.....	28,793	56,179	62,768	65,414	65,850	16.6	23.6	24.0	24.5	24.9
Oregon.....	18,108	36,423	39,065	38,925	37,437	16.6	23.9	23.1	22.5	21.2
California.....	114,483	247,146	315,901	336,351	355,498	16.6	23.3	24.4	25.0	25.5

<sup>1</sup> Based on 50-percent sample of live births.

<sup>2</sup> Provisional and unadjusted, and by place of occurrence.

<sup>3</sup> Rate per 1,000 population (excluding Armed Forces overseas) enumerated as of April 1 for 1940 and 1950 and estimated as of July 1 for all other years. <sup>4</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States, Vital Statistics—Special Reports, and Monthly Vital Statistics Report*.

# NO. 62.—REGISTERED LIVE BIRTHS, BY COLOR, FOR URBAN AND RURAL AREAS, BY STATES: 1955 AND 1956

[By place of residence. Definition of urban and rural based on 1940 Census of Population; see p. 2. Tests made in 1950 indicate that for the country as a whole, errors in residence reporting result in a significant overstatement of births to residents of urban places, and a corresponding understatement in the number to residents of areas classified as rural]

STATE	1955				1956 <sup>1</sup>			
	Urban		Rural		Urban		Rural	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white
United States.....	2,088,652	380,092	1,369,796	208,755	2,095,934	240,474	2,149,416	221,366
New England.....	155,701	5,864	62,772	545	154,848	26,376	266,990	2494
Maine.....	8,961	62	13,308	89	8,624	86	13,564	94
New Hampshire.....	7,229	29	5,215	9	7,388	34	5,554	8
Vermont.....	3,898	16	5,419	13	3,700	20	5,520	6
Massachusetts.....	89,938	2,883	17,230	212	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Rhode Island.....	14,956	461	2,435	43	14,858	572	2,702	42
Connecticut.....	30,719	2,414	19,165	179	30,958	2,530	20,146	140
Middle Atlantic.....	438,057	67,357	196,401	4,930	433,102	72,618	209,542	5,284
New York.....	218,450	34,480	87,821	1,815	217,424	37,242	90,402	1,870
New Jersey.....	80,301	11,471	27,643	2,012	80,870	12,426	29,742	2,046
Pennsylvania.....	139,306	21,406	80,937	1,103	134,808	22,950	89,398	1,368
East North Central.....	489,124	80,702	267,851	4,078	491,666	87,420	294,634	4,762
Ohio.....	129,564	20,223	72,225	1,458	126,714	21,776	84,796	1,734
Indiana.....	59,259	7,709	41,431	215	58,986	8,428	45,950	256
Illinois.....	140,073	30,086	49,683	779	141,858	32,116	64,678	1,108
Michigan.....	109,394	20,357	65,741	1,131	111,734	22,314	70,962	1,196
Wisconsin.....	50,834	2,327	38,771	405	52,354	2,786	38,248	468
West North Central.....	178,696	15,652	164,755	3,391	182,390	16,864	161,926	3,460
Minnesota.....	43,915	797	36,460	533	44,878	944	30,592	492
Iowa.....	30,254	742	32,707	44	31,776	690	30,968	42
Missouri.....	47,040	10,308	35,449	1,204	47,654	11,016	36,234	1,228
North Dakota.....	5,557	39	11,216	425	5,600	94	10,632	428
South Dakota.....	7,398	182	10,327	727	7,406	218	9,626	770
Nebraska.....	17,239	1,047	15,834	138	17,844	1,124	14,884	142
Kansas.....	27,293	2,537	22,762	320	27,132	2,838	22,990	338
South Atlantic.....	196,383	88,664	228,048	93,747	188,954	93,576	247,236	94,956
Delaware.....	2,887	830	5,933	937	2,818	926	6,490	982
Maryland.....	26,508	10,177	26,773	4,430	24,612	11,006	30,566	4,508
District of Columbia.....	9,456	11,467	( <sup>4</sup> )	( <sup>4</sup> )	8,204	12,314	( <sup>4</sup> )	( <sup>4</sup> )
Virginia.....	32,514	11,443	37,697	12,994	32,430	12,018	39,440	12,932
West Virginia.....	15,472	1,013	26,124	1,563	15,878	1,034	26,300	1,394
North Carolina.....	25,765	12,323	51,241	26,036	26,676	12,870	51,080	25,648
South Carolina.....	13,550	7,488	21,933	20,614	13,492	7,694	22,510	20,520
Georgia.....	30,917	17,548	33,443	18,634	30,134	18,404	35,668	18,668
Florida.....	39,314	16,377	24,904	8,739	34,710	17,310	35,182	10,194
East South Central.....	85,460	39,863	126,856	51,932	85,194	41,018	127,666	51,202
Kentucky.....	25,286	4,333	42,455	1,823	24,546	4,566	42,970	1,898
Tennessee.....	24,710	11,700	42,291	6,336	24,728	12,184	41,722	6,324
Alabama.....	23,984	14,737	25,915	17,175	25,160	15,236	26,390	17,276
Mississippi.....	11,480	9,093	16,195	26,598	10,760	9,032	16,534	25,704
West South Central.....	223,920	51,450	107,016	35,545	226,778	52,750	112,678	37,832
Arkansas.....	12,597	4,659	16,369	8,207	13,018	4,912	16,296	8,284
Louisiana.....	30,409	18,441	21,544	16,760	29,794	18,864	24,304	16,486
Oklahoma.....	27,231	3,699	16,688	2,434	28,984	4,080	16,234	2,486
Texas.....	153,663	24,651	52,415	9,144	154,982	24,894	55,844	10,576
Mountain.....	90,741	3,762	66,409	7,047	92,800	4,180	69,150	7,104
Montana.....	8,989	163	7,469	853	8,930	186	7,772	844
Idaho.....	8,315	96	8,361	214	8,418	98	7,940	172
Wyoming.....	6,498	110	2,838	155	5,204	212	3,014	44
Colorado.....	25,774	1,213	12,824	206	26,492	1,366	13,588	214
New Mexico.....	14,467	591	8,909	1,792	15,102	678	9,118	1,986
Arizona.....	8,851	862	14,882	3,352	10,312	924	15,142	3,358
Utah.....	15,468	258	8,938	227	14,948	250	10,106	244
Nevada.....	3,379	460	2,188	243	3,394	466	2,470	242
Pacific.....	230,570	26,778	149,688	7,540	240,202	29,672	159,594	8,172
Washington.....	38,349	2,112	21,219	742	38,472	2,314	23,332	966
Oregon.....	16,657	727	21,027	377	16,686	708	20,922	294
California.....	175,664	23,939	107,442	6,421	185,044	26,650	115,340	6,912

<sup>1</sup> Based on a 50-percent sample. <sup>2</sup> Includes estimates for Massachusetts.

<sup>3</sup> Not available. <sup>4</sup> No rural area.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 63.—ILLEGITIMATE LIVE BIRTHS, BY AGE OF MOTHER: 1939 TO 1956

[Includes estimates for States in which legitimacy data were not reported. No estimates included for misstatements on birth records or failures to register births. Figures for 1951 to 1954, and 1956 based on 50-percent sample of live births in the reporting States]

YEAR	Total	AGE OF MOTHER						
		Under 15 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 and over
1939.....	88,400	2,100	40,400	26,300	10,200	5,100	3,200	1,000
1940.....	89,500	2,100	40,500	27,200	10,500	5,200	3,000	1,000
1941.....	95,700	2,200	43,100	29,200	10,900	5,800	3,300	1,200
1942.....	96,500	2,300	43,200	29,500	11,200	5,900	3,400	1,000
1943.....	98,100	2,400	44,000	29,800	11,300	6,100	3,500	1,100
1944.....	105,200	2,300	45,500	33,700	12,400	6,400	3,700	1,100
1945.....	117,400	2,600	49,200	39,300	14,100	7,100	4,000	1,200
1946.....	125,200	2,300	49,000	43,200	17,000	7,800	4,400	1,300
1947.....	131,900	2,900	52,900	43,100	18,100	8,700	4,800	1,500
1948.....	129,700	3,000	52,500	40,800	18,200	8,800	4,900	1,400
1949.....	133,200	3,000	53,500	40,300	19,500	9,800	5,700	1,600
1950.....	141,600	3,200	56,000	43,100	20,900	10,800	6,000	1,700
1951.....	146,500	3,200	57,400	43,900	22,000	11,900	6,200	1,900
1952.....	150,300	3,200	58,700	45,500	22,400	12,400	6,500	1,600
1953.....	160,800	3,400	61,500	48,800	24,500	13,400	7,000	2,100
1954.....	176,600	3,900	67,200	53,300	26,600	15,800	7,900	2,200
1955.....	183,300	3,900	68,900	55,700	28,000	16,100	8,300	2,400
1956.....	193,500	4,200	72,800	58,800	29,400	17,000	8,800	2,500

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics.

## No. 64.—AVERAGE LENGTH OF LIFE IN YEARS: 1900 TO 1956

[Data prior to 1933 for death-registration States only; see text, p. 53]

YEAR	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1900.....	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5
1905.....	48.7	47.3	50.2	49.1	47.6	50.6	31.3	29.6	33.1
1910.....	50.0	48.4	51.8	50.3	48.6	52.0	35.6	33.8	37.5
1915.....	54.5	52.5	56.8	55.1	53.1	57.5	38.9	37.5	40.5
1917.....	50.9	48.4	54.0	52.0	49.3	55.3	38.9	37.0	40.8
1918.....	39.1	36.6	42.2	39.8	37.1	43.2	31.1	29.9	32.5
1919.....	54.7	53.5	56.0	55.8	54.5	57.4	44.5	44.5	44.4
1920.....	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1921.....	60.8	60.0	61.8	61.8	60.8	62.9	51.5	51.6	51.3
1922.....	59.6	58.4	61.0	60.4	59.1	61.9	52.4	51.8	53.0
1923.....	57.2	56.1	58.5	58.3	57.1	59.6	48.3	47.7	48.9
1924.....	59.7	58.1	61.5	61.4	59.8	63.4	46.6	45.5	47.8
1925.....	59.0	57.6	60.6	60.7	59.3	62.4	45.7	44.9	46.7
1926.....	56.7	55.5	58.0	58.2	57.0	59.6	44.6	43.7	45.6
1927.....	60.4	59.0	62.1	62.0	60.5	63.9	48.2	47.6	48.9
1928.....	56.8	55.6	58.3	58.4	57.0	60.0	46.3	45.6	47.0
1929.....	57.1	55.8	58.7	58.6	57.2	60.3	46.7	45.7	47.8
1930.....	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1931.....	61.1	59.4	63.1	62.6	60.8	64.7	50.4	49.5	51.5
1932.....	62.1	61.0	63.5	63.2	62.0	64.6	53.7	52.8	54.6
1933.....	63.3	61.7	65.1	64.3	62.7	66.3	54.7	53.5	56.0
1934.....	61.1	59.3	63.3	62.4	60.5	64.6	51.8	50.2	53.7
1935.....	61.7	59.9	63.9	62.9	61.0	65.0	53.1	51.3	55.2
1936.....	58.5	56.6	60.6	59.8	58.0	61.9	49.0	47.0	51.4
1937.....	60.0	58.0	62.4	61.4	59.3	63.8	50.3	48.3	52.5
1938.....	63.5	61.9	65.3	65.0	63.2	66.8	52.9	51.7	54.3
1939.....	63.7	62.1	65.4	64.9	63.3	66.6	54.5	53.2	56.0
1940.....	62.9	60.8	65.2	64.2	62.1	66.0	53.1	51.5	54.9
1941.....	64.8	63.1	66.8	66.2	64.4	68.5	53.8	52.5	55.3
1942.....	66.2	64.7	67.9	67.3	65.9	69.4	56.6	55.4	58.2
1943.....	63.3	62.4	64.4	64.2	63.2	65.7	55.6	55.4	56.1
1944.....	65.2	63.6	66.8	66.2	64.5	68.4	56.6	55.8	57.7
1945.....	65.9	63.0	67.9	66.8	64.4	69.5	57.7	56.1	59.6
1946.....	66.7	64.4	69.4	67.5	65.1	70.3	59.1	57.5	61.0
1947.....	66.8	64.4	69.7	67.6	65.2	70.5	59.7	57.9	61.9
1948.....	67.2	64.7	70.2	68.0	65.5	71.0	60.0	58.1	62.5
1949.....	68.0	65.4	71.0	68.8	66.2	71.9	60.6	58.9	62.7
1950.....	68.2	65.7	71.3	69.1	66.5	72.2	60.8	59.1	62.9
1951.....	68.4	65.8	71.5	69.2	66.6	72.4	61.0	59.1	63.3
1952.....	68.6	66.1	72.1	69.4	66.8	72.9	61.1	59.1	63.7
1953.....	68.8	66.3	72.3	70.3	67.4	73.6	61.7	59.7	64.4
1954.....	69.6	66.8	72.9	70.2	67.3	73.6	63.2	61.2	65.9
1955.....	69.5	66.7	72.9	70.2	67.3	73.7	63.2	61.1	65.9
1956.....	69.6	66.7	73.0	70.2	67.3	73.7	63.2	61.1	65.9

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 48.

## No. 65.—GROSS AND NET REPRODUCTION RATE, BY COLOR: 1905 TO 1956

[Based on births adjusted for underregistration, and on annual life tables and population estimates by age, except as noted. A net reproduction rate of 1,000 means that each generation would just replace itself, if birth and death rates of a specified period were to continue indefinitely, in the absence of net immigration. A rate above 1,000 implies a potentially gaining population, and a rate below 1,000, a potentially declining population. A gross reproduction rate of 1,000 means that if all women born at the beginning of a generation were to live through their reproductive period and continue birth rates existing at the time of their birth, they would barely reproduce themselves, assuming no migration from outside the area. Where gross reproduction rate is less than 1,000, an improvement in mortality alone would not prevent a potential decline in population. For earlier annual gross reproduction rates, see *Historical Statistics, 1789-1946*, series C 37]

PERIOD OR YEAR	NET REPRODUCTION RATE			GROSS REPRODUCTION RATE		
	Total	White	Nonwhite	Total	White	Nonwhite
1905 to 1910 <sup>1</sup>	1,336	1,339	1,329	1,793	1,740	2,240
1930 to 1935 <sup>1</sup>	984	972	1,074	1,108	1,080	1,338
1935 to 1940 <sup>1</sup>	978	957	1,137	1,101	1,063	1,413
1940.....	1,027	1,002	1,209	1,121	1,082	1,422
1945.....	1,132	1,106	1,323	1,212	1,175	1,493
1947.....	1,505	1,492	1,594	1,593	1,568	1,768
1948.....	1,435	1,401	1,680	1,514	1,468	1,846
1949.....	1,439	1,396	1,741	1,515	1,461	1,906
1950.....	1,435	1,387	1,780	1,505	1,446	1,940
1951 <sup>2</sup>	1,519	1,471	1,864	1,591	1,532	2,025
1952 <sup>2</sup>	1,561	1,514	1,894	1,635	1,577	2,059
1953 <sup>2</sup>	1,594	1,543	1,955	1,665	1,603	2,114
1954 <sup>2</sup>	1,654	1,598	2,058	1,723	1,657	2,212
1955 <sup>2</sup>	1,673	1,613	2,097	1,741	1,671	2,251
1956 <sup>2</sup>	1,724	1,660	2,178	1,793	1,719	2,333

<sup>1</sup> Data based on census samples. See source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Differential Fertility, 1940 and 1910—Standardized Fertility Rates and Reproduction Rates*.

<sup>2</sup> Based on a 50-percent sample.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics (except as noted); annual report, *Vital Statistics of the United States*.

## No. 66.—EXPECTATION OF LIFE, FOR WHITE MALES AND FEMALES, AT BIRTH AND AT AGES 25 AND 65, BY STATES: 1949-51

[In years. Computed from mortality and population data supplied by the National Office of Vital Statistics, Department of Health, Education, and Welfare, and the Bureau of the Census, Department of Commerce]

STATE	MALE			FEMALE			STATE	MALE			FEMALE		
	At birth	At age 25	At age 65	At birth	At age 25	At age 65		At birth	At age 25	At age 65	At birth	At age 25	At age 65
U. S.....	66.3	44.9	12.8	72.0	49.8	15.0	Montana.....	65.7	44.6	12.8	72.4	50.0	15.1
Alabama.....	66.0	45.1	13.0	72.2	50.3	15.1	Nebraska.....	68.2	46.8	13.5	74.0	51.6	15.9
Arizona.....	63.3	43.1	12.8	71.4	50.5	16.3	Nevada.....	62.8	42.3	11.9	71.5	49.7	15.5
Arkansas.....	67.8	46.7	14.1	73.5	51.4	16.1	N. Hampshire.....	66.6	45.0	12.6	72.3	49.8	15.2
California.....	65.8	44.3	12.6	72.7	50.3	15.7	New Jersey.....	66.6	44.5	12.2	71.5	48.8	14.3
Colorado.....	66.3	45.8	13.3	72.2	50.6	15.8	New Mexico.....	64.3	45.5	13.5	69.1	49.5	15.6
Connecticut.....	67.7	45.4	12.8	72.8	49.9	15.0	New York.....	66.3	44.3	12.2	71.3	48.6	14.2
Delaware.....	66.0	44.4	12.2	71.3	48.9	14.4	North Carolina.....	66.5	45.1	13.1	72.9	50.6	15.4
Dist. of Col.....	65.1	43.1	11.9	72.7	50.1	15.3	North Dakota.....	67.9	46.7	13.4	73.2	50.7	15.0
Florida.....	66.6	45.3	13.8	73.7	51.5	16.5	Ohio.....	66.6	45.1	12.8	72.1	49.7	14.9
Georgia.....	65.9	44.5	12.9	72.8	50.5	15.4	Oklahoma.....	67.4	46.3	13.7	73.8	51.8	16.1
Idaho.....	66.5	45.6	13.3	73.1	50.9	15.6	Oregon.....	66.7	45.4	13.1	73.4	50.8	15.6
Illinois.....	66.0	44.3	12.4	71.6	49.1	14.6	Pennsylvania.....	65.9	44.2	12.2	71.0	48.5	14.2
Indiana.....	66.4	45.2	12.8	71.9	49.7	15.0	Rhode Island.....	66.7	44.5	12.1	71.7	49.0	14.4
Iowa.....	68.2	46.8	13.4	73.7	51.2	15.6	South Carolina.....	64.8	43.6	12.5	72.4	50.2	15.3
Kansas.....	68.0	46.5	13.4	73.7	51.4	15.8	South Dakota.....	68.4	46.8	13.4	73.6	51.1	15.5
Kentucky.....	65.7	45.3	13.3	71.3	49.9	15.2	Tennessee.....	66.2	45.4	13.1	71.6	50.1	15.1
Louisiana.....	66.0	44.5	12.7	72.8	50.4	15.3	Texas.....	65.4	45.3	13.3	72.1	51.2	16.1
Maine.....	66.4	45.5	13.0	71.6	49.6	14.9	Utah.....	66.9	45.6	13.1	73.4	51.1	15.8
Maryland.....	66.3	44.3	12.3	71.9	49.3	14.6	Vermont.....	66.3	45.1	12.8	72.1	49.8	15.0
Massachusetts.....	66.7	44.6	12.4	72.1	49.3	14.8	Virginia.....	66.0	44.9	12.7	72.4	50.3	15.2
Michigan.....	66.5	45.0	12.6	71.8	49.5	14.7	Washington.....	66.7	45.2	12.9	72.9	50.5	15.5
Minnesota.....	68.2	46.6	13.3	73.4	50.9	15.4	West Virginia.....	65.3	44.9	13.3	71.1	49.5	15.1
Mississippi.....	66.3	45.3	13.0	72.6	50.5	15.3	Wisconsin.....	67.6	46.1	13.1	72.5	50.0	14.9
Missouri.....	66.8	45.5	13.0	72.5	50.3	15.3	Wyoming.....	65.5	45.2	12.9	72.1	50.5	15.6

Source: Metropolitan Life Insurance Company, New York, N. Y.; *Statistical Bulletin*, October 1955.

No. 67.—EXPECTATION OF LIFE AND MORTALITY RATE AT SINGLE YEARS OF AGE,  
BY COLOR AND SEX: 1955

AGE (years)	EXPECTATION OF LIFE IN YEARS					MORTALITY RATE PER 1,000				
	Total	White		Nonwhite		Total	White		Nonwhite	
		Male	Female	Male	Female		Male	Female	Male	Female
0	69.5	67.3	73.6	61.2	65.9	26.5	26.8	20.4	47.2	38.9
1	70.4	68.2	74.2	63.2	67.5	1.8	1.7	1.4	3.7	3.2
2	69.5	67.3	73.2	62.4	66.7	1.1	1.1	0.9	2.1	1.6
3	68.6	66.4	72.3	61.6	65.8	0.9	0.9	0.7	1.3	1.4
4	67.7	65.5	71.4	60.6	64.9	0.7	0.7	0.6	1.0	1.1
5	66.7	64.5	70.4	59.7	64.0	0.7	0.6	0.5	0.9	0.8
6	65.8	63.5	69.5	58.7	63.1	0.5	0.5	0.4	0.8	0.6
7	64.8	62.5	68.5	57.8	62.1	0.5	0.5	0.4	0.7	0.5
8	63.9	61.5	67.6	56.8	61.1	0.4	0.5	0.3	0.6	0.5
9	62.9	60.6	66.6	55.9	60.2	0.4	0.5	0.3	0.6	0.4
10	61.9	59.6	65.6	54.9	59.2	0.4	0.4	0.3	0.6	0.5
11	60.9	58.7	64.6	53.9	58.2	0.4	0.5	0.3	0.7	0.5
12	59.9	57.7	63.6	53.0	57.2	0.5	0.5	0.3	0.8	0.5
13	58.9	56.7	62.7	52.0	56.2	0.5	0.7	0.3	0.9	0.6
14	58.0	55.8	61.7	51.0	55.3	0.6	0.8	0.4	1.0	0.6
15	57.0	54.8	60.7	50.1	54.3	0.7	1.0	0.4	1.2	0.7
16	56.1	53.8	59.7	49.2	53.4	0.9	1.1	0.5	1.3	0.7
17	55.1	52.9	58.7	48.2	52.4	1.0	1.3	0.5	1.5	0.9
18	54.2	51.9	57.7	47.3	51.5	1.1	1.4	0.6	1.8	1.0
19	53.2	51.0	56.8	46.4	50.5	1.1	1.6	0.6	2.1	1.2
20	52.3	50.1	55.8	45.5	49.6	1.2	1.7	0.6	2.5	1.4
21	51.3	49.3	54.9	44.7	48.7	1.3	1.8	0.6	2.8	1.5
22	50.4	48.3	53.9	43.8	47.7	1.4	1.9	0.6	3.1	1.7
23	49.5	47.4	52.9	42.9	46.8	1.4	1.8	0.7	3.3	1.8
24	48.5	46.5	52.0	42.1	45.9	1.4	1.8	0.7	3.4	1.9
25	47.6	45.6	51.0	41.2	45.0	1.3	1.7	0.7	3.5	2.0
26	46.7	44.6	50.1	40.3	44.1	1.3	1.6	0.7	3.7	2.1
27	45.7	43.7	49.1	39.5	43.2	1.3	1.6	0.7	3.8	2.2
28	44.8	42.8	48.1	38.6	42.3	1.4	1.6	0.8	3.8	2.4
29	43.8	41.8	47.2	37.8	41.4	1.4	1.6	0.8	3.9	2.6
30	42.9	40.9	46.2	36.9	40.5	1.5	1.6	0.9	3.9	2.7
31	42.0	40.0	45.2	36.0	39.6	1.5	1.6	0.9	3.9	2.9
32	41.1	39.1	44.3	35.1	38.7	1.6	1.7	1.0	4.1	3.2
33	40.2	38.2	43.3	34.3	37.8	1.7	1.8	1.1	4.5	3.6
34	39.2	37.2	42.4	33.4	37.0	1.9	2.0	1.2	4.9	4.0
35	38.3	36.3	41.4	32.6	36.1	2.0	2.2	1.3	5.5	4.5
36	37.3	35.3	40.4	31.8	35.3	2.2	2.4	1.4	6.1	4.9
37	36.4	34.4	39.5	31.0	34.5	2.4	2.6	1.6	6.6	5.3
38	35.5	33.5	38.6	30.2	33.6	2.6	2.8	1.7	7.0	5.5
39	34.6	32.6	37.6	29.4	32.8	2.8	3.1	1.8	7.3	5.6
40	33.7	31.7	36.7	28.6	32.0	3.1	3.4	2.0	7.6	5.7
41	32.8	30.8	35.8	27.9	31.1	3.4	3.7	2.2	8.0	5.9
42	31.9	29.9	34.8	27.1	30.3	3.7	4.1	2.4	8.5	6.3
43	31.0	29.0	33.9	26.3	29.5	4.0	4.6	2.6	9.2	6.9
44	30.2	28.2	33.0	25.5	28.7	4.5	5.1	2.9	10.0	7.6
45	29.3	27.3	32.1	24.8	27.9	4.9	5.7	3.1	10.9	8.5
46	28.4	26.5	31.2	24.1	27.2	5.4	6.3	3.4	11.8	9.3
47	27.6	25.6	30.3	23.4	26.4	5.9	7.0	3.7	12.8	10.3
48	26.7	24.8	29.5	22.7	25.7	6.5	7.7	4.0	13.9	11.2
49	25.9	24.0	28.6	22.0	25.0	7.1	8.6	4.4	15.0	12.2
50	25.1	23.2	27.7	21.3	24.3	7.8	9.4	4.7	16.3	13.2
51	24.3	22.4	26.8	20.6	23.6	8.6	10.4	5.2	17.6	14.4
52	23.5	21.6	25.9	19.9	22.9	9.3	11.4	5.6	19.0	15.4
53	22.7	20.9	25.1	19.3	22.3	10.1	12.4	6.1	20.4	16.5
54	22.0	20.1	24.2	18.7	21.6	10.9	13.5	6.6	21.8	17.5
55	21.2	19.4	23.4	18.1	21.0	11.7	14.6	7.2	23.4	18.6
56	20.4	18.7	22.5	17.5	20.4	12.7	15.8	7.8	25.1	19.8
57	19.7	18.0	21.7	17.0	19.8	13.8	17.2	8.5	26.9	21.0
58	18.9	17.3	20.9	16.4	19.2	14.9	18.8	9.4	28.7	22.1
59	18.2	16.7	20.1	15.9	18.7	16.3	20.6	10.3	30.6	23.2
60	17.5	16.0	19.3	15.4	18.1	17.6	22.4	11.3	32.5	24.1
61	16.8	15.3	18.5	15.0	17.6	19.1	24.4	12.4	34.5	25.2
62	16.1	14.7	17.7	14.5	17.0	20.9	26.6	13.8	37.1	27.1
63	15.5	14.1	17.0	14.0	16.5	23.0	29.0	15.5	40.3	30.0
64	14.8	13.5	16.2	13.6	16.0	25.4	31.7	17.5	44.2	33.7
65	14.2	12.9	15.5	13.2	15.5	28.1	34.6	19.7	48.5	38.1
66	13.6	12.4	14.8	12.8	15.1	30.9	37.7	22.1	53.0	42.5
67	13.0	11.8	14.1	12.5	14.7	33.6	40.8	24.3	56.8	45.8
68	12.4	11.3	13.5	12.2	14.4	36.0	43.7	26.5	59.6	47.6
69	11.8	10.8	12.8	12.0	14.1	38.3	46.6	28.5	61.4	47.9

Source: Metropolitan Life Insurance Company, New York, N. Y.; based on Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics, *Vital Statistics—Special Reports*, Vol. 46, No. 9.



## No. 68.—SELECTED LIFE TABLE VALUES: 1900 TO 1956

[Data prior to 1933 for death-registration States only; see text, p. 53. See also *Historical Statistics, 1789-1945*, series C 6-21]

COLOR AND PERIOD	AGE 0		AGE 20		AGE 45		AGE 65	
	Male	Female	Male	Female	Male	Female	Male	Female
ANNUAL RATE OF MORTALITY PER 1,000 LIVING AT SPECIFIED AGE								
White: 1900-1902.....	133.45	110.61	5.94	5.54	12.63	10.63	41.66	36.41
1909-1911.....	123.26	102.26	4.89	4.20	12.64	9.91	43.79	37.86
1919-1921.....	80.25	63.92	4.27	4.33	9.26	8.14	34.99	31.63
1929-1931.....	62.32	49.63	3.18	2.77	9.29	7.02	38.65	31.25
1939-1941.....	48.12	37.89	2.12	1.45	7.66	5.23	36.85	26.43
1949-1951.....	30.69	23.55	1.62	0.73	6.37	3.73	34.45	20.63
1953.....	28.5	21.5	(1)	(1)	(1)	(1)	(1)	(1)
1954.....	27.1	20.7	(1)	(1)	(1)	(1)	(1)	(1)
1955.....	26.7	20.4	(1)	(1)	(1)	(1)	(1)	(1)
1956.....	26.3	20.0	(1)	(1)	(1)	(1)	(1)	(1)
Nonwhite: 1900-1902 <sup>2</sup> .....	253.26	214.75	11.89	11.39	21.85	21.30	54.18	54.07
1909-1911 <sup>2</sup> .....	219.35	185.07	11.96	10.74	23.99	21.25	64.33	60.37
1919-1921 <sup>2</sup> .....	105.01	87.49	10.85	11.59	17.13	18.67	38.93	43.36
1929-1931 <sup>2</sup> .....	87.32	72.04	8.58	8.82	22.40	20.18	50.72	49.35
1939-1941.....	83.04	66.82	(1)	(1)	(1)	(1)	(1)	(1)
1949-1951.....	50.89	40.87	3.14	2.27	12.85	11.27	45.76	37.04
1953.....	48.9	41.1	(1)	(1)	(1)	(1)	(1)	(1)
1954.....	47.5	39.0	(1)	(1)	(1)	(1)	(1)	(1)
1955.....	47.2	38.9	(1)	(1)	(1)	(1)	(1)	(1)
1956.....	47.1	37.6	(1)	(1)	(1)	(1)	(1)	(1)
AVERAGE REMAINING LIFETIME IN YEARS								
White: 1900-1902.....	48.23	51.08	42.19	43.77	24.21	25.51	11.51	12.23
1909-1911.....	50.23	53.62	42.71	44.88	23.86	25.45	11.25	11.97
1919-1921.....	56.34	58.53	45.60	46.49	28.00	26.98	12.21	12.75
1929-1931.....	59.12	62.67	46.02	48.52	25.28	27.39	11.77	12.81
1939-1941.....	62.81	67.29	47.76	51.38	25.87	28.90	12.07	13.56
1949-1951.....	66.31	72.03	49.52	54.56	26.87	31.12	12.75	15.00
1953.....	66.8	72.9	49.8	55.3	27.0	31.7	12.9	15.3
1954.....	67.4	73.6	50.3	55.9	27.5	32.2	13.1	15.7
1955.....	67.3	73.6	50.1	55.8	27.3	32.1	12.9	15.5
1956.....	67.3	73.7	50.1	55.9	27.3	32.1	12.9	15.5
Nonwhite: 1900-1902 <sup>2</sup> .....	32.54	35.04	35.11	36.89	20.09	21.36	10.38	11.38
1909-1911 <sup>2</sup> .....	34.05	37.67	33.46	36.14	18.85	20.43	9.74	10.82
1919-1921 <sup>2</sup> .....	47.14	46.92	38.36	37.15	23.55	22.61	12.07	12.41
1929-1931 <sup>2</sup> .....	47.55	49.51	35.95	37.22	20.59	21.39	10.87	12.24
1939-1941.....	52.33	55.51	39.74	42.14	22.02	24.00	12.18	13.95
1949-1951.....	58.91	62.70	43.73	46.77	23.59	26.07	12.75	14.54
1953.....	59.7	64.4	44.2	48.3	23.8	26.9	12.7	14.7
1954.....	61.0	65.8	45.5	49.5	24.8	28.0	13.5	15.7
1955.....	61.2	65.9	45.5	49.6	24.8	27.9	13.2	15.5
1956.....	61.1	65.9	45.4	49.4	24.6	27.8	12.9	15.3
NUMBER SURVIVING TO SPECIFIED AGE PER 100,000 BORN LIVE								
White: 1900-1902.....	100,000	100,000	76,376	78,978	61,369	64,677	39,245	43,806
1909-1911.....	100,000	100,000	79,116	81,750	65,115	69,341	40,802	47,086
1919-1921.....	100,000	100,000	84,997	87,281	72,696	74,871	50,663	54,299
1929-1931.....	100,000	100,000	88,904	90,939	78,345	81,780	52,964	60,499
1939-1941.....	100,000	100,000	92,293	93,984	84,285	87,920	58,305	68,701
1949-1951.....	100,000	100,000	95,104	96,454	89,002	92,725	63,541	70,773
1953.....	100,000	100,000	95,428	96,771	89,549	93,483	64,230	78,478
1954.....	100,000	100,000	95,712	96,957	90,135	93,867	65,657	79,553
1955.....	100,000	100,000	95,743	97,013	90,183	93,969	65,704	79,982
1956.....	100,000	100,000	95,823	97,057	90,295	94,085	65,653	80,242
Nonwhite: 1900-1902 <sup>2</sup> .....	100,000	100,000	56,733	59,053	39,230	42,279	19,015	21,995
1909-1911 <sup>2</sup> .....	100,000	100,000	61,426	64,764	40,563	45,947	17,806	22,302
1919-1921 <sup>2</sup> .....	100,000	100,000	79,057	80,154	56,589	56,230	34,042	31,044
1929-1931 <sup>2</sup> .....	100,000	100,000	83,621	85,078	58,432	61,365	29,314	30,852
1939-1941.....	100,000	100,000	86,770	88,505	67,514	71,061	35,912	40,718
1949-1951.....	100,000	100,000	91,941	93,544	78,686	82,257	45,198	52,358
1953.....	100,000	100,000	92,472	93,960	79,869	84,525	46,715	56,355
1954.....	100,000	100,000	92,842	94,388	81,232	85,560	49,377	58,355
1955.....	100,000	100,000	93,046	94,485	81,601	85,960	50,005	58,944
1956.....	100,000	100,000	93,052	94,650	81,634	86,114	49,682	58,630

<sup>1</sup> Not available.<sup>2</sup> Figures cover only Negroes; however, in no case did Negro population comprise less than 95 percent of corresponding nonwhite population.Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *United States Life Tables and Actuarial Tables, 1939-41*, *Vital Statistics—Special Reports*, Vol. 41 and Vol. 46, and annual report, *Vital Statistics of the United States*.

No. 69.—MATERNAL DEATHS, INFANT DEATHS (UNDER 1 YEAR OF AGE), AND FETAL DEATHS, BY COLOR: 1915 TO 1957

[Data prior to 1933 for birth-registration States only; see text p. 53. See also *Historical Statistics, 1789-1945*, series C 53-44]

YEAR	MATERNAL DEATHS <sup>1</sup>			DEATHS UNDER 1 YEAR			FETAL DEATHS <sup>2</sup>		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
NUMBER									
1915.....	4,719	4,588	131	77,572	75,324	2,248	(3)	(3)	(3)
1920.....	12,058	10,606	1,452	129,531	114,603	14,928	(2)	(2)	(2)
1925.....	12,158	10,447	1,711	134,652	118,345	16,307	(2)	(2)	(2)
1930.....	14,836	11,892	2,944	142,413	117,352	25,061	(2)	(2)	(2)
1935.....	12,544	10,048	2,526	120,138	97,907	22,231	(3)	(3)	(3)
1940.....	8,876	6,614	2,262	110,984	89,406	21,578	(3)	(3)	(3)
1945.....	5,668	4,122	1,546	104,684	85,295	19,389	65,513	51,242	14,271
1950.....	2,960	1,873	1,087	103,825	82,018	21,807	68,262	52,319	15,943
1954.....	2,105	1,280	825	106,791	82,200	24,591	70,109	53,532	16,577
1955.....	1,901	1,134	767	106,903	81,682	25,221	69,153	52,411	16,742
1956.....	1,702	1,018	684	108,183	82,203	25,980	68,659	51,865	16,794
1957 <sup>4</sup> .....	1,660	950	710	111,900	85,150	26,750	(2)	(2)	(2)
RATE PER 10,000 LIVE BIRTHS									
1915.....	60.8	60.1	105.6	99.9	98.6	181.2	(3)	(3)	(3)
1920.....	79.9	76.0	128.1	85.8	82.1	131.7	(3)	(3)	(3)
1925.....	64.7	60.3	116.2	71.7	68.3	110.8	(3)	(3)	(3)
1930.....	67.3	60.9	117.4	64.6	60.1	99.9	(3)	(3)	(3)
1935.....	58.2	53.1	94.6	55.7	51.9	83.2	(3)	(3)	(3)
1940.....	37.6	32.0	77.3	47.0	43.2	73.8	(3)	(3)	(3)
1945.....	20.7	17.2	45.5	38.3	35.6	57.0	23.9	21.4	42.0
1950.....	8.3	6.1	22.2	29.2	26.8	44.5	19.2	17.1	32.5
1954.....	5.2	3.7	14.4	26.6	23.9	42.9	17.5	15.5	28.9
1955.....	4.7	3.3	13.0	28.4	23.6	42.8	17.1	15.2	28.4
1956.....	4.1	2.9	11.1	26.0	23.2	42.1	16.5	14.6	27.2
1957 <sup>4</sup> .....	3.9	2.6	11.3	26.3	23.5	42.4	(2)	(2)	(2)

<sup>1</sup> Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning with 1949, deaths are classified according to sixth revision of *International Lists of Diseases and Causes of Death*. For deaths in United States as a whole, it is estimated that 9 percent fewer deaths were assigned to maternal causes under sixth revision than under fifth revision of *International List* (1939-48).

<sup>2</sup> Includes only fetal deaths (stillbirths) for which period of gestation was 20 weeks (or 5 months) or more, or was not stated.

<sup>3</sup> Not available.

<sup>4</sup> Provisional.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# No. 70.—DEATH RATE PER 1,000 POPULATION, BY COLOR, SEX, AND AGE: 1900 TO 1957

[1940 to 1957 based on population residing in area. Rates for 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1. Data prior to 1933 for death-registration States only; see text, p. 53. See also *Historical Statistics, 1789-1945*, series C 45-52 and C 65-76]

COLOR, SEX, AND AGE	1900	1910	1920	1930	1940	1950	1954	1955	1956	1957 <sup>1</sup>
COLOR AND SEX										
Total.....	17.2	14.7	13.0	11.3	10.8	9.6	9.2	9.3	9.4	9.6
Male.....	17.9	15.6	13.4	12.3	12.0	11.1	10.7	10.8	10.8	11.1
Female.....	16.5	13.7	12.6	10.4	9.5	8.2	7.8	7.9	7.9	8.2
White.....	17.0	14.5	12.6	10.8	10.4	9.5	9.1	9.2	9.3	9.5
Male.....	17.7	15.4	13.0	11.7	11.6	10.9	10.6	10.7	10.8	11.0
Female.....	16.3	13.6	12.1	9.8	9.2	8.0	7.6	7.8	7.8	8.1
Nonwhite.....	25.0	21.7	17.7	16.3	13.8	11.2	10.1	10.0	10.1	10.3
Male.....	25.7	22.3	17.8	17.4	15.1	12.5	11.4	11.3	11.4	11.6
Female.....	24.4	21.0	17.5	15.3	12.6	9.9	8.8	8.8	8.8	9.1
AGE										
Total <sup>2</sup> .....	17.2	14.7	13.0	11.3	10.8	9.6	9.2	9.3	9.4	9.6
Adjusted for age <sup>3</sup> .....	17.8	15.8	14.2	12.5	10.8	8.4	7.7	7.7	7.7	7.9
Under 1 year.....	162.4	131.8	92.3	69.0	54.9	33.0	30.3	29.6	29.6	29.5
1 to 4 years.....	19.8	14.0	9.9	5.6	2.9	1.4	1.2	1.1	1.1	1.1
5 to 14 years.....	3.9	2.9	2.6	1.7	1.0	0.6	0.5	0.5	0.5	0.5
15 to 24 years.....	5.9	4.5	4.9	3.3	2.0	1.3	1.1	1.1	1.1	1.2
25 to 34 years.....	8.2	6.5	6.8	4.7	3.1	1.8	1.5	1.5	1.5	1.6
35 to 44 years.....	10.2	9.0	8.1	6.8	5.2	3.6	3.1	3.1	3.0	3.1
45 to 54 years.....	15.0	13.7	12.2	12.2	10.6	8.5	7.7	7.5	7.4	7.6
55 to 64 years.....	27.2	26.2	23.6	24.0	22.2	19.0	17.4	17.3	17.5	17.8
65 to 74 years.....	56.4	55.6	52.5	51.4	48.4	41.0	39.0	39.6	39.9	41.3
75 to 84 years.....	123.3	122.2	118.9	112.7	112.0	93.3	87.6	89.4	89.0	89.2
85 years and over.....	260.9	250.3	248.3	228.0	235.7	202.0	174.6	186.2	189.7	197.6

<sup>1</sup> Estimated; based on a 10-percent sample of death certificates.

<sup>2</sup> Includes deaths for which age was not stated.

<sup>3</sup> Adjusted for age by the direct method using as the standard population the age distribution of the population of the United States as enumerated in 1940.

<sup>4</sup> Based on enumerated population adjusted for age bias in nonwhite population at ages 55 to 69 years.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# No. 71.—DEATHS AND DEATH RATE PER 1,000 POPULATION, BY AGE, COLOR, AND SEX: 1956

[See also *Historical Statistics, 1789-1945*, series C 45-51]

AGE	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
NUMBER OF DEATHS									
Total <sup>1</sup> .....	1,564,476	893,357	671,119	1,380,915	792,364	588,551	183,561	100,993	82,568
Under 1 year.....	108,133	62,394	45,739	82,203	47,789	34,414	25,980	14,605	11,375
1 to 4 years.....	16,403	9,111	7,492	12,689	7,026	5,663	3,914	2,085	1,829
5 to 14 years.....	14,899	9,085	5,814	12,321	7,576	4,745	2,578	1,509	1,069
15 to 24 years.....	24,587	17,386	7,201	19,968	14,406	5,562	4,619	2,980	1,639
25 to 34 years.....	35,468	22,289	13,179	26,708	17,324	9,384	8,760	4,965	3,795
35 to 44 years.....	69,424	41,928	27,496	54,051	33,843	20,208	15,373	8,085	7,288
45 to 54 years.....	142,839	91,191	51,648	117,505	77,453	40,052	25,334	13,738	11,596
55 to 64 years.....	258,343	165,635	92,708	223,502	146,171	77,331	34,841	19,464	15,377
65 to 74 years.....	382,144	225,680	156,464	347,407	206,462	140,945	34,737	19,218	15,519
75 to 84 years.....	357,751	182,512	175,239	338,327	171,900	166,367	19,424	10,552	8,872
85 years and over.....	153,261	65,548	87,713	145,572	61,936	33,636	7,689	3,612	4,077
RATE PER 1,000 POPULATION <sup>2</sup>									
Total <sup>1</sup> .....	9.4	10.8	7.9	9.3	10.8	7.8	10.1	11.4	8.8
Under 1 year.....	29.6	33.6	25.5	26.2	29.8	22.4	50.5	57.1	44.1
1 to 4 years.....	1.1	1.2	1.0	1.0	1.1	0.9	1.9	2.0	1.8
5 to 14 years.....	0.5	0.6	0.4	0.4	0.5	0.3	0.6	0.7	0.5
15 to 24 years.....	1.1	1.6	0.7	1.1	1.6	0.6	1.7	2.3	1.2
25 to 34 years.....	1.5	1.9	1.1	1.3	1.7	0.9	3.4	4.1	2.7
35 to 44 years.....	3.0	3.7	2.3	2.6	3.3	1.9	6.7	7.5	5.9
45 to 54 years.....	7.4	9.6	5.3	6.7	9.0	4.5	13.7	15.3	12.2
55 to 64 years.....	17.5	23.1	12.2	16.5	22.2	11.1	29.2	33.0	25.4
65 to 74 years.....	39.9	49.8	31.0	38.8	48.9	29.8	55.0	62.2	47.9
75 to 84 years.....	89.0	102.3	78.4	90.2	103.8	79.5	72.2	82.4	62.9
85 years and over.....	189.7	193.9	186.2	199.4	203.7	195.9	98.6	106.2	92.7

<sup>1</sup> Includes deaths for which age was not stated.

<sup>2</sup> Based on estimated midyear population residing in area for specified group.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 72.—DEATHS AND DEATH RATE PER 1,000 POPULATION, BY STATES AND TERRITORIES: 1940 TO 1957

[By place of residence, except as noted]

STATE OR TERRITORY	DEATHS					RATE PER 1,000 POPULATION 2				
	1940	1950	1955	1956	1957 1	1940	1950	1955	1956	1957 1
Cont. United States.....	1,417,269	1,452,454	1,528,717	1,564,476	(3)	10.8	9.6	9.3	9.4	(3)
New England.....	98,692	96,946	104,743	104,237	(3)	11.7	10.4	10.8	10.7	(3)
Maine.....	10,581	9,886	10,213	10,140	10,420	12.5	10.8	11.1	10.9	11.0
New Hampshire.....	6,236	6,076	6,464	6,437	6,785	12.7	11.4	11.7	11.4	11.9
Vermont.....	4,664	4,167	4,241	4,406	4,409	13.0	11.0	11.6	11.0	11.7
Massachusetts.....	51,122	49,386	53,345	53,135	(3)	11.8	10.5	11.1	11.0	(3)
Rhode Island.....	8,019	8,308	8,697	8,415	8,535	11.2	10.5	10.5	9.9	9.9
Connecticut.....	18,070	19,123	21,783	21,704	22,422	10.6	9.5	9.9	9.8	10.0
Middle Atlantic.....	307,565	315,386	333,624	336,121	347,223	11.2	10.5	10.4	10.4	10.7
New York.....	149,816	156,074	165,770	166,686	172,751	11.1	10.5	10.5	10.5	10.9
New Jersey.....	45,772	49,100	54,290	54,690	56,077	11.0	10.2	10.1	9.9	10.0
Pennsylvania.....	111,977	110,212	113,564	114,745	118,395	11.3	10.5	10.4	10.5	10.7
East North Central.....	292,349	305,274	321,495	327,592	338,618	11.0	10.0	9.5	9.5	9.7
Ohio.....	78,949	80,633	85,478	87,894	90,843	11.4	10.1	9.5	9.7	9.9
Indiana.....	40,565	40,030	42,093	42,654	43,536	11.8	10.3	9.7	9.6	9.6
Illinois.....	89,099	92,490	95,528	97,012	100,940	11.3	10.6	10.3	10.2	10.5
Michigan.....	52,183	57,743	63,362	64,453	66,116	9.9	9.1	8.6	8.5	8.5
Wisconsin.....	31,563	33,778	35,034	35,579	37,133	10.1	9.8	9.5	9.4	9.6
West North Central.....	138,644	141,455	141,872	144,690	153,575	10.3	10.1	9.5	9.6	10.0
Minnesota.....	26,354	28,020	28,641	29,526	31,780	9.4	9.4	9.0	9.1	9.6
Iowa.....	26,927	26,979	26,772	26,401	28,036	10.4	10.3	9.9	9.6	10.0
Missouri.....	43,777	43,710	43,102	44,527	47,937	11.6	11.1	10.3	10.6	11.3
North Dakota.....	5,257	5,191	5,270	5,238	5,504	8.2	8.4	8.2	8.2	8.5
South Dakota.....	5,700	5,880	5,930	6,008	6,379	8.9	9.0	8.7	8.7	9.1
Nebraska.....	12,670	12,617	13,115	13,266	13,671	9.6	9.5	9.4	9.3	9.4
Kansas.....	18,580	19,058	19,042	19,724	20,268	10.3	10.0	9.2	9.4	9.5
South Atlantic.....	187,085	187,611	198,141	205,907	220,514	10.5	8.9	8.4	8.6	8.9
Delaware.....	3,285	3,501	3,730	3,682	4,095	12.3	11.0	9.4	8.8	9.3
Maryland.....	22,026	22,417	24,221	25,003	26,477	12.1	9.6	8.7	8.9	9.1
Dist. of Columbia.....	8,081	8,560	8,349	8,597	9,932	12.2	10.7	10.0	10.3	12.0
Virginia.....	29,741	29,708	30,215	31,429	32,632	11.1	9.0	8.5	8.5	8.6
West Virginia.....	17,669	17,428	16,787	16,968	17,709	9.3	8.7	8.5	8.6	9.0
North Carolina.....	31,904	31,130	32,274	33,227	35,422	8.9	7.7	7.5	7.5	7.9
South Carolina.....	20,280	17,973	18,152	18,420	18,670	10.7	8.5	7.9	7.9	7.9
Georgia.....	32,485	30,325	30,919	31,681	33,749	10.4	8.8	8.5	8.5	8.9
Florida.....	21,614	26,569	33,494	36,900	41,828	11.4	9.6	9.2	9.5	10.2
East South Central.....	112,199	104,900	102,437	104,583	110,523	10.4	9.1	8.8	8.9	9.3
Kentucky.....	29,967	27,865	27,501	27,930	29,236	10.5	9.5	9.2	9.3	9.6
Tennessee.....	29,383	29,425	29,013	29,672	32,757	10.1	8.9	8.5	8.7	9.5
Alabama.....	29,554	26,836	26,380	27,190	28,201	10.4	8.8	8.6	8.7	8.9
Mississippi.....	23,295	20,784	19,453	19,791	20,329	10.7	9.5	9.2	9.2	9.3
West South Central.....	126,309	121,971	124,671	132,719	139,328	9.7	8.4	8.0	8.3	8.6
Arkansas.....	17,247	15,411	15,218	15,921	16,587	8.8	8.1	8.6	9.0	9.4
Louisiana.....	25,542	23,733	24,312	26,215	28,357	10.8	8.8	8.3	8.7	9.2
Oklahoma.....	20,885	19,473	19,724	20,948	21,085	8.9	8.7	9.0	9.3	9.3
Texas.....	62,635	63,349	65,417	69,035	73,299	9.8	8.2	7.5	7.8	8.0
Mountain.....	42,424	43,730	47,324	48,848	52,273	10.2	8.6	7.9	7.9	8.2
Montana.....	5,705	5,822	6,151	6,473	6,427	10.3	9.9	9.8	9.9	9.7
Idaho.....	4,924	4,837	4,935	5,039	5,097	9.4	8.2	8.1	8.1	8.0
Wyoming.....	2,157	2,336	2,453	2,533	2,655	8.6	8.0	7.9	8.0	8.4
Colorado.....	12,291	12,280	13,343	13,776	14,706	10.9	9.3	8.6	8.5	8.8
New Mexico.....	5,484	5,471	5,544	5,539	6,194	10.3	8.0	7.0	6.8	7.5
Arizona.....	5,556	6,422	7,600	7,944	9,164	11.1	8.6	7.4	7.3	8.1
Utah.....	4,845	4,974	5,311	5,509	5,756	8.8	7.2	6.6	6.7	6.8
Nevada.....	1,402	1,538	1,987	2,035	2,274	12.7	9.9	8.1	7.9	8.5
Pacific.....	112,002	135,181	154,410	159,779	166,775	11.5	9.3	8.9	8.9	9.1
Washington.....	20,080	22,486	24,517	24,328	25,420	11.6	9.5	9.4	9.1	9.3
Oregon.....	12,180	13,935	15,378	15,426	15,572	11.2	9.2	9.1	8.9	8.8
California.....	79,742	98,760	114,515	120,025	125,783	11.5	9.3	8.8	8.9	9.0
Alaska.....	(3)	1,253	1,204	1,228	(3)	(3)	9.7	5.8	6.0	(3)
Hawaii.....	3,089	2,919	3,213	3,146	3,416	7.3	5.8	5.7	5.4	(3)

1 Provisional, by place of occurrence.

2 Based on total population residing in area; population enumerated as of April 1 for 1940 and 1950, for all other years estimated as of July 1.

3 Not available.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# No. 73.—DEATHS, BY COLOR, FOR URBAN AND RURAL AREAS, BY STATES: 1955 AND 1956

[By place of residence. Definition of urban and rural based on 1940 Census of Population; see p. 2. For total deaths by States, see table 72]

STATE	1955				1956					
	Urban		Rural		Total		Urban		Rural	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
<b>United States</b> .....	878,736	118,705	472,133	59,143	1,380,915	183,561	1,890,564	123,654	1,490,351	159,907
<b>New England</b> .....	76,970	1,690	25,905	178	102,254	1,983	176,408	11,794	125,846	1,189
Maine.....	4,580	14	5,797	22	10,089	51	4,291	25	5,798	26
New Hampshire.....	3,592	0	2,863	3	6,425	12	3,567	8	2,858	4
Vermont.....	1,719	1	2,517	4	4,401	5	1,774	5	2,627	—
Massachusetts.....	45,808	911	6,555	71	52,088	1,047	(2)	(2)	(2)	(2)
Rhode Island.....	7,552	153	976	16	8,237	178	7,287	165	950	13
Connecticut.....	13,919	605	7,197	62	21,014	690	13,658	631	7,356	59
<b>Middle Atlantic</b> .....	234,977	21,526	75,495	1,626	312,098	24,023	234,705	22,294	77,393	1,729
New York.....	122,554	10,462	32,254	500	155,308	11,378	122,221	10,816	33,087	562
New Jersey.....	39,503	3,626	10,566	595	50,268	4,422	39,676	3,763	10,592	659
Pennsylvania.....	72,920	7,438	32,675	531	106,522	8,223	72,808	7,715	33,714	508
<b>East North Central</b> .....	201,241	21,909	96,788	1,557	303,285	24,307	202,244	22,737	101,041	1,570
Ohio.....	53,699	6,072	25,151	556	80,979	6,915	53,691	6,336	27,288	579
Indiana.....	23,245	2,237	16,495	116	40,094	2,560	23,399	2,458	16,605	107
Illinois.....	66,941	8,479	19,718	390	87,823	9,189	66,945	8,804	20,878	385
Michigan.....	36,705	4,720	21,560	377	59,398	5,055	37,005	4,688	22,393	367
Wisconsin.....	20,651	401	13,864	118	34,991	588	21,204	451	13,787	137
<b>West North Central</b> .....	72,956	5,422	62,228	1,266	137,804	6,886	74,290	5,697	63,514	1,189
Minnesota.....	16,512	232	11,782	115	29,146	380	16,891	258	12,255	122
Iowa.....	13,992	267	12,489	24	26,088	313	13,676	292	12,412	21
Missouri.....	22,831	3,720	16,158	593	40,087	4,440	23,330	3,966	16,757	474
North Dakota.....	1,656	13	3,494	107	5,133	105	1,596	10	3,537	95
South Dakota.....	2,331	52	3,306	241	5,689	319	2,348	49	3,341	270
Nebraska.....	6,420	318	6,319	58	12,889	377	6,549	296	6,340	81
Kansas.....	9,414	820	8,680	128	18,772	952	9,900	826	8,872	126
<b>South Atlantic</b> .....	72,068	30,213	69,938	25,922	148,062	57,845	74,815	31,935	73,247	25,910
Delaware.....	1,522	386	1,523	299	2,995	687	1,487	393	1,508	294
Maryland.....	11,334	3,293	8,264	1,330	20,108	4,895	11,623	3,472	8,485	1,423
District of Columbia.....	5,054	3,295	(1)	(1)	5,064	3,533	5,064	3,533	(3)	(3)
Virginia.....	9,805	4,286	11,852	4,272	22,728	8,701	10,254	4,508	12,474	4,193
West Virginia.....	6,217	568	9,384	618	15,748	1,220	6,532	601	9,216	619
North Carolina.....	7,452	4,366	14,390	6,066	22,823	10,604	7,656	4,501	14,967	6,103
South Carolina.....	3,945	2,641	6,053	5,513	10,297	8,123	4,121	2,790	6,176	5,333
Georgia.....	9,468	6,452	9,805	5,194	19,930	11,751	9,831	6,654	10,099	5,097
Florida.....	17,271	4,926	8,667	2,630	28,569	8,331	18,247	5,483	10,322	2,848
<b>East South Central</b> .....	29,901	15,001	42,830	14,705	74,953	29,630	30,547	15,033	44,406	14,597
Kentucky.....	10,093	2,135	14,434	929	24,844	3,086	10,221	2,223	14,623	863
Tennessee.....	9,092	4,554	13,474	1,893	23,246	6,426	9,085	4,549	14,161	1,877
Alabama.....	7,259	5,096	8,840	5,185	16,850	10,340	7,676	5,140	9,714	5,200
Mississippi.....	3,457	3,216	6,082	6,698	10,013	9,778	3,565	3,121	6,448	6,657
<b>West South Central</b> .....	60,957	16,076	37,274	10,364	104,798	27,921	63,768	16,717	41,030	11,204
Arkansas.....	4,943	1,853	6,300	2,122	11,832	4,089	5,085	1,838	6,747	2,251
Louisiana.....	8,711	5,566	9,908	4,127	16,077	10,138	9,269	5,672	6,808	4,466
Oklahoma.....	10,330	1,298	7,244	852	18,648	2,300	10,799	1,329	7,849	971
Texas.....	36,973	7,359	17,822	3,263	58,241	11,394	38,615	7,788	19,626	3,516
<b>Mountain</b> .....	27,152	966	17,377	1,829	46,072	2,776	28,162	1,057	17,910	1,719
Montana.....	3,257	51	2,638	205	6,187	286	3,440	45	2,747	241
Idaho.....	2,581	24	2,271	59	4,942	97	2,634	22	2,308	75
Wyoming.....	1,431	27	939	56	2,443	90	1,447	32	996	58
Colorado.....	9,195	316	3,769	63	13,403	373	9,357	329	4,046	44
New Mexico.....	2,931	110	2,022	481	5,025	514	2,992	142	2,033	372
Arizona.....	3,185	272	3,815	828	6,848	1,096	3,640	307	3,208	789
Utah.....	3,436	72	1,754	49	5,367	142	3,479	86	1,888	56
Nevada.....	1,136	94	669	85	1,857	178	1,173	94	684	84
<b>Pacific</b> .....	102,514	5,902	44,298	1,696	151,589	8,190	105,625	6,390	45,964	1,800
Washington.....	15,846	518	7,911	242	23,541	787	15,609	537	7,932	260
Oregon.....	8,335	201	6,721	121	15,124	302	8,379	183	6,745	119
California.....	78,333	5,183	29,666	1,333	112,024	7,101	81,637	5,670	31,287	1,431

<sup>1</sup> Includes estimates for Massachusetts.

<sup>2</sup> Not available. <sup>3</sup> No rural area.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 74.—DEATH RATE, 1900 TO 1957, AND DEATHS, 1955 TO 1957, FROM 33 SELECTED CAUSES

[Sixth revision of International lists and International rules for selecting underlying causes of death used beginning 1949; see The Effect of the Sixth Revision of the International Lists of Diseases and Causes of Death Upon Comparability of Mortality Trends; *Vital Statistics—Special Reports, Vol. 36, No. 10*. Data prior to 1933 for death-registration States only; see text, p. 53. See also *Historical Statistics, 1789-1945*, series C 56-61]

CAUSE OF DEATH (sixth revision)	DEATH RATE PER 100,000 POPULATION <sup>1</sup>										DEATHS		
	Fifth revision, 1938					Sixth revision, 1948					1955	1956	1957 <sup>2</sup>
	1900	1910	1920	1930	1940	1949	1949	1955	1956	1957 <sup>2</sup>			
All causes.....	1,719.1	1,468.0	1,298.9	1,132.1	1,076.4	971.0	971.0	930.4	935.4	960.5	1,528,717	1,564,476	1,636,000
Tuberculosis, all forms.....	194.4	153.8	113.1	71.1	45.9	27.4	26.3	9.1	8.4	7.5	14,940	14,061	12,850
Syphilis and its sequelae.....	12.0	13.5	16.6	15.7	14.4	7.7	5.8	2.3	2.3	2.2	3,834	3,870	3,670
Typhoid fever.....	31.3	22.5	7.6	4.7	1.0	(3)	0.1	0.0	0.0	0.0	34	54	10
Dysentery, all forms.....	12.0	6.0	4.0	2.8	1.9	0.9	1.0	0.3	0.3	0.3	556	476	460
Diphtheria.....	40.3	21.1	15.3	4.9	1.1	0.4	0.4	0.1	0.1	0.1	150	103	100
Whooping cough.....	12.2	11.6	12.5	4.8	2.2	0.5	0.5	0.3	0.2	0.1	467	266	170
Meningococcal infections.....	(3)	0.3	1.6	3.6	0.5	0.6	0.6	0.6	0.5	0.5	907	762	810
Acute poliomyelitis.....	(3)	2.9	0.9	1.2	0.8	1.9	1.8	0.6	0.3	0.1	1,043	566	220
Measles.....	13.3	12.4	8.8	3.2	0.5	0.7	0.6	0.2	0.3	0.2	345	530	410
All other infective and parasitic diseases.....	(3)	(3)	(3)	(3)	8.8	4.0	3.1	2.7	2.8	3.1	4,419	4,690	5,240
Malignant neoplasms <sup>4</sup> .....	64.0	76.2	83.4	97.4	120.3	137.2	138.8	146.5	147.9	149.6	240,681	247,357	254,780
Diabetes mellitus.....	11.0	15.3	16.1	19.1	26.6	29.7	16.9	15.5	15.7	16.4	25,488	26,184	27,930
Major cardiovascular-renal diseases.....	345.2	371.9	364.9	414.4	485.7	483.2	502.1	506.0	510.7	524.0	831,853	854,152	892,490
Diseases of cardiovascular system.....	264.3	287.2	282.5	327.8	406.6	433.9	484.6	496.4	501.5	515.0	815,532	838,848	877,280
Vascular lesions affecting central nervous system.....	106.9	95.8	93.0	89.0	90.9	88.9	100.9	106.0	106.3	110.4	174,142	177,845	188,040
Rheumatic fever.....	5.3	6.2	3.8	2.5	1.3	0.6	1.5	0.7	0.6	0.5	1,131	1,033	890
Diseases of heart.....	137.4	158.9	169.6	214.2	202.5	320.9	348.8	355.8	360.5	368.9	584,620	602,995	628,440
Hypertension (without mention of heart).....				0.4	1.0	1.3	8.2	6.8	6.5	6.6	11,162	10,948	11,170
General arteriosclerosis.....				18.5	17.3	17.9	20.5	19.8	19.1	19.9	32,486	32,018	33,950
Other diseases of circulatory system.....	14.7	26.4	26.2	3.1	3.5	4.3	4.7	7.3	8.4	8.7	11,991	14,009	14,790
Chronic and unspecified nephritis and other renal sclerosis.....	81.0	84.6	82.4	86.7	79.0	49.3	17.4	9.6	9.1	8.9	15,821	15,304	15,210
Influenza and pneumonia, exc. pneumonia of newborn.....	202.2	155.9	207.3	102.5	70.3	34.2	30.0	27.1	28.2	35.9	44,510	47,103	61,090
Ulcer of stomach and duodenum.....	2.7	4.0	3.6	6.2	6.8	6.1	5.3	5.9	6.0	6.0	9,730	10,028	10,170
Gastritis, duodenitis, enteritis and colitis <sup>5</sup> .....	142.7	115.4	53.7	26.0	10.3	6.6	6.7	4.7	4.5	4.2	7,754	7,508	7,230
Cirrhosis of liver.....	12.5	13.3	7.1	7.2	8.6	11.3	9.2	10.2	10.7	10.6	16,763	17,924	18,000
Acute nephritis and nephritis with edema, incl. nephrosis.....	7.7	10.2	6.3	4.3	2.5	1.4	2.4	1.5	1.4	1.4	2,393	2,377	2,370
Deliveries and complications of pregnancy, childbirth, and the puerperium.....	13.4	15.3	19.0	12.7	6.7	2.4	2.2	1.2	1.0	1.0	1,901	1,702	1,660
Congenital malformations.....	12.0	15.2	15.2	11.2	10.0	13.0	12.7	12.5	12.6	12.6	20,502	21,065	21,410
Certain diseases of early infancy.....	62.6	73.0	60.2	49.6	39.2	40.9	43.2	39.0	38.6	38.8	64,043	64,546	66,150
Symptoms, senility, and ill-defined conditions.....	(17) 5	47.5	31.8	30.4	23.7	15.9	15.8	12.1	11.3	11.3	19,914	18,912	19,170
Motor-vehicle accidents.....	11.7	1.8	10.3	26.7	20.2	21.3	21.3	23.4	23.7	23.5	38,426	39,628	40,070
All other accidents.....	72.3	82.4	50.7	53.1	47.0	42.4	39.3	33.5	33.0	33.6	55,017	55,152	57,280
Suicide.....	10.2	15.3	10.2	15.6	14.4	11.4	11.4	10.2	10.0	9.4	16,760	16,727	15,980
Homicide.....	1.2	4.6	6.8	8.9	6.3	5.4	5.4	4.5	4.6	4.9	7,418	7,629	8,400
All other causes.....	326.2	206.4	153.9	134.6	94.8	64.4	68.2	60.6	60.4	63.3	99,369	101,104	107,890

<sup>1</sup> Based on population enumerated as of April 1 for 1940 and estimated as of July 1 for other years. Rates per 100,000 population residing in area.

<sup>2</sup> Estimated; based on a 10-percent sample of death certificates.

<sup>3</sup> Not available.

<sup>4</sup> Includes neoplasms of lymphatic and hematopoietic tissues.

<sup>5</sup> Excludes diarrhea of newborn.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

No. 75.—DEATH RATE PER 100,000 POPULATION, FOR THE 10 LEADING CAUSES OF DEATH, BY STATES AND TERRITORIES: 1956

[By place of residence. Rates per 100,000 estimated midyear population in each area. For method of selecting the leading causes of death, see *Vital Statistics—Special Reports*, Vol. 46, No. 8]

STATE OR TERRITORY	Diseases of heart	Malignant neoplasms <sup>1</sup>	Vascular lesions affecting central nervous system	Accidents	Certain diseases of early infancy	Influenza and pneumonia, exc. pneumonia of newborn	General arterio-sclerosis	Diabetes mellitus	Con-genital malfor-mations	Cirrho-sis of liver
Cont. U. S. ....	360.5	147.9	106.3	56.7	38.6	28.2	19.1	15.7	12.6	10.7
New England.....	443.1	187.6	119.3	49.6	32.5	29.2	24.2	20.1	12.6	14.0
Maine.....	453.3	177.1	137.6	53.7	34.1	28.9	24.1	18.0	12.7	7.7
New Hampshire.....	467.0	102.0	134.9	50.7	27.5	25.2	39.5	24.6	12.6	11.3
Vermont.....	479.8	190.3	140.2	58.0	30.4	32.3	42.0	17.0	12.9	9.7
Massachusetts.....	461.9	193.6	118.4	53.8	32.4	33.1	24.1	19.2	12.0	15.8
Rhode Island.....	420.2	176.0	108.4	38.5	31.4	18.6	19.0	28.6	12.6	12.4
Connecticut.....	394.7	181.9	110.4	41.6	33.0	25.5	19.5	19.1	13.9	14.8
Middle Atlantic.....	450.8	182.2	99.4	45.5	33.9	27.8	20.1	20.7	11.9	14.7
New York.....	466.9	190.2	94.4	44.2	33.2	29.1	17.9	19.7	11.6	16.6
New Jersey.....	431.9	181.1	91.6	41.0	34.4	25.0	17.8	21.0	13.0	15.6
Pennsylvania.....	437.0	171.3	110.7	49.6	34.6	27.2	24.6	21.9	11.8	11.5
East North Central.....	377.7	154.7	108.8	54.7	38.3	28.0	21.0	19.0	13.6	11.0
Ohio.....	365.6	156.2	114.4	54.6	39.8	24.6	26.6	23.0	14.2	12.4
Indiana.....	368.9	147.0	123.4	63.2	37.8	27.5	23.9	17.5	13.4	8.4
Illinois.....	440.3	108.4	105.1	52.7	36.4	38.0	17.5	15.7	12.0	12.0
Michigan.....	321.9	138.1	94.0	52.2	41.3	23.9	16.2	19.3	15.1	10.4
Wisconsin.....	372.0	159.0	116.9	54.6	34.2	19.8	22.6	18.6	13.0	9.6
West North Central.....	364.5	152.6	126.5	61.3	33.3	26.3	23.3	16.1	13.5	7.7
Minnesota.....	341.8	150.2	121.4	54.3	32.6	26.9	23.7	16.0	15.4	7.5
Iowa.....	374.3	155.7	132.8	58.4	28.8	24.3	25.4	15.2	12.9	5.6
Missouri.....	412.5	163.6	133.2	65.0	33.8	30.1	24.0	15.9	12.0	10.7
North Dakota.....	302.0	125.9	107.8	53.9	39.6	22.0	19.8	17.4	13.7	6.4
South Dakota.....	321.5	131.3	113.4	63.8	35.2	23.1	17.5	16.7	14.0	5.6
Nebraska.....	341.2	161.8	123.8	59.2	34.9	26.2	21.5	19.1	13.3	8.1
Kansas.....	340.3	139.5	124.3	71.4	35.8	23.1	22.3	15.0	13.9	5.8
South Atlantic.....	303.8	118.0	106.2	59.4	44.9	28.2	15.1	12.2	12.3	7.7
Delaware.....	351.2	132.8	85.4	53.1	38.8	27.5	23.0	17.2	13.2	10.5
Maryland.....	364.8	141.3	77.1	50.9	38.7	24.1	15.9	17.1	12.0	9.4
District of Columbia.....	387.2	175.7	96.3	48.0	55.8	30.7	22.1	10.7	15.2	23.9
Virginia.....	309.9	111.3	106.1	55.3	46.3	30.6	17.3	10.2	14.3	6.6
West Virginia.....	318.9	92.0	103.6	65.3	33.9	27.8	15.8	13.3	10.9	7.0
North Carolina.....	262.9	92.0	99.6	56.2	45.7	27.2	10.8	11.1	12.0	5.0
South Carolina.....	258.3	91.2	109.2	64.2	47.0	26.4	14.8	10.2	12.1	4.6
Georgia.....	268.7	107.6	134.1	64.6	48.2	31.1	13.9	10.8	11.8	6.0
Florida.....	320.9	147.4	112.3	65.6	46.6	26.8	15.8	13.4	11.6	10.8
East South Central.....	301.5	117.8	116.7	62.0	42.9	31.2	14.9	10.9	12.0	6.1
Kentucky.....	344.3	128.5	114.5	65.3	40.3	34.3	19.7	13.8	12.7	8.2
Tennessee.....	290.3	116.9	119.7	53.5	37.8	28.0	14.1	8.8	12.2	6.4
Alabama.....	285.6	112.6	115.2	67.1	45.9	31.5	13.6	10.8	11.8	4.9
Mississippi.....	282.9	112.3	116.9	63.6	50.1	31.8	11.1	10.4	10.9	4.5
West South Central.....	282.0	121.7	96.9	65.0	44.5	28.6	14.2	11.7	12.5	6.6
Arkansas.....	313.6	125.8	119.9	67.1	31.8	32.8	17.8	9.8	11.0	6.3
Louisiana.....	312.5	130.2	86.7	68.1	54.7	32.4	13.5	15.5	14.2	6.5
Oklahoma.....	317.7	143.7	123.3	67.0	34.2	28.2	20.3	12.6	12.0	6.2
Texas.....	255.6	112.4	89.2	63.0	40.3	26.5	12.1	10.5	12.4	6.7
Mountain.....	251.1	108.3	77.7	73.9	45.5	32.0	14.5	10.5	13.8	8.3
Montana.....	324.5	142.0	109.5	93.1	41.0	34.2	29.9	16.1	13.2	8.6
Idaho.....	280.6	115.0	95.7	84.6	37.1	21.3	13.9	13.3	11.7	3.7
Wyoming.....	277.5	113.9	82.6	84.2	45.9	26.3	14.6	9.5	12.0	6.6
Colorado.....	287.8	126.5	86.2	59.6	45.8	47.1	16.1	9.7	13.8	10.9
New Mexico.....	163.3	83.2	51.5	82.5	59.3	31.2	9.4	7.0	14.7	5.9
Arizona.....	211.7	93.7	65.1	77.4	45.5	30.0	10.1	9.5	14.6	8.1
Utah.....	224.8	83.5	65.7	59.5	40.2	17.3	11.4	10.9	14.8	8.2
Nevada.....	254.7	102.7	67.6	81.6	48.8	21.1	11.3	10.2	13.3	13.3
Pacific.....	339.1	144.2	101.8	60.0	36.4	26.5	21.9	10.6	11.7	15.2
Washington.....	351.3	143.8	110.8	62.8	36.6	25.1	22.6	13.2	11.6	8.7
Oregon.....	349.7	139.8	108.5	60.2	30.1	26.5	20.7	12.1	12.3	8.3
California.....	335.3	143.8	99.1	59.4	37.4	26.8	21.9	9.9	11.7	17.4
Alaska <sup>2</sup> .....	112.1	37.9	30.1	134.0	69.9	37.4	2.4	3.4	10.7	5.8
Hawaii <sup>2</sup> .....	174.1	86.6	48.8	34.6	40.2	18.7	5.7	14.9	12.3	7.9

<sup>1</sup> Includes neoplasms of lymphatic and hematopoietic tissues. <sup>2</sup> By place of occurrence.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# No. 76.—INFANT DEATHS (UNDER 1 YEAR OF AGE) AND RATE PER 1,000 LIVE BIRTHS, BY STATES: 1940 TO 1956

[By place of residence]

STATE			1955		1956		RATE PER 1,000 LIVE BIRTHS					
	1940	1950	White	Non-white	White	Non-white	1940	1950	1955		1956	
									White	Non-white	White	Non-white
Cont. U. S.....	110,984	103,825	81,682	25,221	82,203	25,980	47.0	29.2	23.6	42.8	23.2	42.1
New England.....	5,196	4,729	4,838	252	4,901	280	39.2	24.3	22.1	39.3	22.1	40.8
Maine.....	810	650	640	13	544	7	53.2	30.9	24.2	36.1	24.5	38.9
New Hampshire.....	341	282	321	-----	279	3	40.9	24.5	25.8	-----	21.6	71.4
Vermont.....	809	221	243	1	223	-----	44.5	24.5	26.1	35.7	24.2	-----
Massachusetts.....	2,458	2,240	2,298	115	2,390	122	37.5	23.3	21.4	37.2	22.0	36.5
Rhode Island.....	410	450	403	16	407	32	37.9	27.8	23.2	31.7	23.2	52.1
Connecticut.....	868	886	1,033	107	1,058	116	34.0	21.8	20.7	41.3	20.7	43.4
Middle Atlantic.....	16,822	16,022	14,199	3,055	14,166	3,199	39.9	25.8	22.4	42.3	22.0	41.1
New York.....	7,297	7,429	6,865	1,475	6,717	1,518	37.2	24.7	22.4	40.6	21.8	38.8
New Jersey.....	2,121	2,467	2,332	622	2,361	672	35.5	25.2	21.6	42.1	21.3	46.4
Pennsylvania.....	7,404	6,126	5,002	958	5,088	1,009	44.7	27.6	22.7	46.6	22.7	41.5
East North Central.....	17,815	18,729	17,370	3,444	17,756	3,656	39.2	26.3	22.9	40.6	22.6	39.7
Ohio.....	4,744	4,990	4,666	883	4,880	925	41.4	26.8	23.1	40.7	23.1	39.3
Indiana.....	2,595	2,520	2,402	313	2,301	372	42.1	27.0	23.0	39.5	22.8	42.8
Illinois.....	4,398	4,868	4,165	1,301	4,286	1,353	35.3	25.6	21.9	42.2	21.8	40.7
Michigan.....	4,032	4,230	4,067	827	4,192	870	40.7	26.3	23.2	38.5	22.9	37.0
Wisconsin.....	2,046	2,121	2,070	120	2,007	136	37.3	25.7	23.1	42.5	22.2	41.8
West North Central.....	9,236	8,806	7,671	867	7,447	837	39.2	26.3	22.3	45.5	21.6	41.2
Minnesota.....	1,758	1,889	1,724	58	1,722	54	33.2	25.1	21.4	43.6	21.1	37.6
Iowa.....	1,636	1,555	1,870	37	1,276	29	36.5	24.8	21.8	47.1	20.3	39.6
Missouri.....	2,885	2,510	1,910	471	1,879	474	46.9	29.2	23.2	40.9	22.4	38.7
North Dakota.....	593	453	402	31	389	25	45.1	26.6	24.0	66.8	24.0	54.1
South Dakota.....	466	473	409	78	343	77	38.7	26.6	23.1	55.8	20.1	77.9
Nebraska.....	792	796	738	75	704	70	36.0	25.0	22.3	63.3	21.5	55.3
Kansas.....	1,106	1,130	1,118	117	1,134	108	38.3	25.7	22.3	41.0	22.6	33.8
South Atlantic.....	21,200	17,997	10,084	8,043	10,212	8,426	57.1	33.7	23.8	44.1	23.4	44.7
Delaware.....	217	235	193	72	187	84	47.7	30.7	21.9	40.7	20.1	44.0
Maryland.....	1,590	1,465	1,191	682	1,205	632	49.1	27.0	22.4	46.7	21.8	40.6
Dist. of Columbia.....	554	603	224	449	220	468	40.3	30.4	23.7	39.2	26.8	38.0
Virginia.....	3,335	2,836	1,745	1,041	1,768	1,102	58.5	34.6	24.9	42.8	24.6	44.1
West Virginia.....	2,269	1,822	1,143	63	1,039	83	53.7	36.1	27.5	24.5	24.6	34.2
North Carolina.....	4,631	3,674	1,742	1,758	1,777	1,817	57.6	34.5	25.6	45.8	22.9	47.2
South Carolina.....	3,042	2,220	895	1,275	873	1,196	68.2	38.6	25.2	45.4	24.2	42.4
Georgia.....	3,744	3,064	1,475	1,527	1,487	1,607	57.8	33.5	22.9	42.3	22.6	43.3
Florida.....	1,818	2,078	1,476	1,176	1,656	1,437	53.8	32.1	23.0	46.8	23.7	52.2
East South Central.....	13,080	11,006	5,625	4,071	5,461	3,956	55.7	36.2	26.5	44.3	25.7	42.9
Kentucky.....	3,387	2,616	1,957	292	1,850	282	53.1	34.9	28.9	47.4	27.4	43.6
Tennessee.....	2,954	2,961	1,737	748	1,655	679	53.5	36.4	25.9	41.5	24.9	36.7
Alabama.....	3,870	3,044	1,241	1,375	1,219	1,380	61.5	36.8	24.9	43.1	23.6	42.4
Mississippi.....	2,869	2,385	690	1,656	737	1,615	54.4	36.7	24.9	46.4	27.0	46.5
West South Central.....	15,991	12,992	8,785	3,762	8,679	3,771	61.2	34.6	26.4	43.2	25.6	41.6
Arkansas.....	1,810	1,209	665	492	641	451	47.0	26.5	23.0	38.2	21.9	34.2
Louisiana.....	3,268	2,639	1,179	1,544	1,209	1,512	64.3	34.6	22.7	45.1	22.3	42.8
Oklahoma.....	2,238	1,614	1,058	281	1,071	304	49.9	30.2	24.1	45.8	23.7	46.3
Texas.....	8,675	7,630	5,833	1,445	5,758	1,504	68.3	37.4	28.3	42.8	27.3	42.4
Mountain.....	5,664	5,095	4,355	670	4,365	652	62.0	36.2	27.7	62.0	27.0	57.8
Montana.....	537	441	392	45	437	57	46.5	29.2	23.8	44.3	26.2	55.3
Idaho.....	506	434	346	8	354	17	42.9	27.1	20.7	25.8	21.6	63.0
Wyoming.....	232	247	221	24	213	23	44.7	32.5	26.5	87.6	25.9	89.8
Colorado.....	1,270	1,167	1,161	51	1,151	60	60.4	34.4	30.1	35.9	28.7	38.0
New Mexico.....	1,488	1,211	900	208	816	149	100.6	54.8	38.5	87.3	33.7	55.9
Arizona.....	953	953	689	283	688	272	85.5	45.8	29.0	67.2	27.0	63.5
Utah.....	539	503	459	20	535	23	40.4	23.7	20.0	41.2	21.4	46.6
Nevada.....	109	139	157	31	171	51	51.7	37.9	28.2	43.8	20.2	72.0
Pacific.....	5,980	8,449	8,805	1,057	9,216	1,203	37.8	25.1	23.2	30.8	23.1	31.8
Washington.....	902	1,522	1,391	140	1,391	135	35.2	27.3	23.4	49.1	22.5	41.2
Oregon.....	585	812	887	49	845	43	33.2	22.5	23.5	44.4	22.5	42.9
California.....	4,403	6,115	6,527	808	6,980	1,025	39.2	25.0	23.1	28.6	23.2	30.5

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.



No. 77.—DEATHS AND DEATH RATE FROM ACCIDENTS, BY TYPE OF ACCIDENT:  
1950 TO 1956

TYPE OF ACCIDENT	1950	1953	1954	1955	1956	RATE <sup>1</sup>				
						1950	1953	1954	1955	1956
<b>All accidents.....</b>	<b>91,249</b>	<b>95,032</b>	<b>90,032</b>	<b>93,443</b>	<b>94,780</b>	<b>60.6</b>	<b>60.0</b>	<b>55.9</b>	<b>56.9</b>	<b>56.7</b>
Railway accidents.....	2,126	1,681	1,347	1,344	1,319	1.4	1.1	0.8	0.8	0.8
Motor-vehicle accidents.....	34,763	37,955	35,586	35,426	39,628	23.1	24.0	22.1	23.4	23.7
Traffic.....	33,863	36,929	34,582	37,437	38,740	22.5	23.3	21.5	22.8	23.2
Nontraffic.....	900	1,026	1,004	989	888	0.6	0.6	0.6	0.6	0.5
Other road-vehicle accidents.....	533	424	366	330	285	0.4	0.3	0.2	0.2	0.2
Water-transport accidents.....	1,502	1,614	1,498	1,452	1,508	1.0	1.0	0.9	0.9	0.9
Aircraft accidents.....	1,436	1,605	1,450	1,446	1,523	1.0	1.0	0.9	0.9	0.9
Accidental poisoning by—										
Solid and liquid substances.....	1,584	1,391	1,339	1,431	1,422	1.1	0.9	0.8	0.9	0.9
Gases and vapors.....	1,769	1,223	1,225	1,163	1,213	1.2	0.8	0.8	0.7	0.7
Accidental falls.....	20,783	20,631	19,771	20,192	20,282	13.8	13.0	12.3	12.3	12.1
Fall from one level to another.....	7,117	7,237	6,791	6,811	6,547	4.7	4.6	4.2	4.1	3.9
Fall on same level.....	4,569	4,379	4,096	4,275	3,869	3.0	2.8	2.5	2.6	2.3
Unspecified falls.....	9,097	9,015	8,884	9,106	9,866	6.0	5.7	5.5	5.5	5.9
Blow from falling object.....	1,613	1,356	1,255	1,332	1,334	1.1	0.8	0.8	0.8	0.8
Accidents caused by—										
Machinery.....	1,771	2,144	2,009	2,019	2,086	1.2	1.4	1.2	1.2	1.2
Electric current.....	955	984	965	1,075	952	0.6	0.6	0.6	0.7	0.6
Fire and explosion of combustible material.....	6,405	6,579	6,083	6,352	6,405	4.3	4.2	3.8	3.9	3.8
Hot substance, corrosive liquid, steam, and radiation.....	842	815	742	742	722	0.6	0.5	0.5	0.5	0.4
Firearms.....	2,174	2,277	2,281	2,120	2,202	1.4	1.4	1.4	1.3	1.3
Inhalation and ingestion of food or other object causing obstruction or suffocation.....	1,350	1,603	1,627	1,608	1,760	0.9	1.0	1.0	1.0	1.1
Accidental drowning.....	4,785	5,352	5,049	5,046	4,902	3.2	3.4	3.1	3.1	2.9
Excessive heat and insulation.....	137	576	978	615	174	0.1	0.4	0.6	0.4	0.1
Complications due to nontherapeutic medical and surgical procedures, therapeutic misadventure, and late complications of the therapeutic procedures.....	589	670	768	776	923	0.4	0.4	0.5	0.5	0.6
All other accidents.....	6,132	6,172	5,695	5,974	6,140	4.1	3.9	3.5	3.6	3.7

<sup>1</sup> Per 100,000 population residing in area. For 1950, based on population enumerated as of April 1; for other years based on population estimated as of July 1.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 78.—ESTIMATES OF MARRIAGES FOR THE UNITED STATES AND MARRIAGE LICENSES  
ISSUED IN MAJOR CITY AREAS, BY MONTH: 1950 TO 1957

[Provisional data. Figures for major-city areas represent licenses issued in 34 cities with population of 100,000 or more according to the 1950 Census, and in 69 counties containing the remaining 72 cities in that population-size group. These areas contain nearly two-fifths of the total population of the United States]

MONTH	UNITED STATES <sup>1</sup>					MAJOR CITY AREAS				
	1950	1954	1955	1956	1957 (prel.)	1950	1954	1955	1956	1957 (prel.)
<b>Total.....</b>	<b>1,651,000</b>	<b>1,476,000</b>	<b>1,524,000</b>	<b>1,569,000</b>	<b>1,516,000</b>	<b>575,414</b>	<b>494,799</b>	<b>503,479</b>	<b>517,397</b>	<b>507,091</b>
January.....	95,000	94,000	101,000	101,000	102,000	35,919	33,789	34,321	35,501	35,036
February.....	101,000	106,000	98,000	99,000	103,000	33,591	34,600	31,306	30,762	35,246
March.....	92,000	96,000	94,000	102,000	99,000	33,356	29,560	30,606	34,243	29,358
April.....	132,000	111,000	119,000	117,000	113,000	45,121	41,802	42,097	40,355	41,286
May.....	125,000	121,000	126,000	128,000	131,000	52,169	44,767	46,333	48,341	50,314
June.....	191,000	176,000	182,000	201,000	188,000	65,849	59,100	61,462	62,347	60,410
July.....	151,000	128,000	127,000	128,000	124,000	48,192	40,935	39,928	42,039	42,483
August.....	167,000	136,000	152,000	159,000	166,000	65,453	48,764	52,695	56,130	55,319
September.....	178,000	137,000	141,000	145,000	133,000	57,081	45,118	45,609	44,496	42,697
October.....	142,000	122,000	129,000	130,000	116,000	49,395	39,776	41,146	43,529	38,831
November.....	130,000	124,000	125,000	126,000	118,000	44,231	38,279	38,714	39,390	38,358
December.....	145,000	124,000	131,000	133,000	123,000	45,057	38,309	39,262	40,264	37,763

<sup>1</sup> For method of estimating marriages by month for United States, see *Monthly Vital Statistics Report*, Vol. 4, No. 1. Comparable final figures available on marriages for years shown are 1,667,231 in 1950; 1,490,000 in 1954; 1,531,000 in 1955; 1,585,000 in 1956.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Monthly Vital Statistics Report*.

# NO. 79.—MARRIAGES, 1950, 1956, AND 1957, AND DIVORCES, 1950, 1955, AND 1956— NUMBER AND RATE PER 1,000 POPULATION, BY STATES AND TERRITORIES

[By place of occurrence. For U. S. rates, see also *Historical Statistics, 1789-1945*, series C 77 and C 78]

STATE OR TERRITORY	MARRIAGES						DIVORCES <sup>3</sup>					
	Number			Rate <sup>2</sup>			Number			Rate <sup>2</sup>		
	1950	1956	1957 <sup>1</sup>	1950	1956	1957 <sup>1</sup>	1950	1955	1956	1950	1955	1956
Cont. U. S. ....	1,667,231	1,585,000	1,516,000	11.1	9.5	8.9	385,144	377,000	382,000	2.6	2.3	2.3
New England .....	88,563	80,505	90,715	9.5	8.3	9.2	14,027	12,993	( <sup>5</sup> )	1.5	1.3	( <sup>5</sup> )
Maine .....	8,617	8,176	8,283	9.4	8.8	8.8	2,175	1,960	1,926	2.4	2.1	2.1
New Hampshire .....	7,631	7,464	7,288	14.3	12.7	12.7	1,040	1,076	1,050	2.0	1.9	1.9
Vermont .....	3,660	3,420	3,202	9.4	9.2	8.5	678	633	527	1.8	1.5	1.4
Massachusetts .....	41,711	36,499	47,988	8.9	7.6	9.9	6,515	5,892	( <sup>5</sup> )	1.4	1.2	( <sup>5</sup> )
Rhode Island .....	7,501	6,325	5,860	9.5	7.5	6.8	907	827	913	1.1	1.0	1.1
Connecticut .....	19,474	18,621	18,096	9.7	8.4	8.0	2,712	2,705	2,617	1.4	1.2	1.2
Middle Atlantic .....	277,035	245,935	245,408	9.2	7.6	7.5	29,274	( <sup>5</sup> )	( <sup>5</sup> )	1.0	( <sup>5</sup> )	( <sup>5</sup> )
New York .....	141,075	127,101	127,256	9.5	8.0	8.0	11,700	( <sup>5</sup> )	( <sup>5</sup> )	0.8	( <sup>5</sup> )	( <sup>5</sup> )
New Jersey .....	46,291	41,152	41,523	9.6	7.5	7.4	5,434	4,844	4,801	1.1	0.9	0.9
Pennsylvania .....	89,669	77,682	76,629	8.5	7.1	6.9	12,140	11,160	11,533	1.2	1.0	1.1
East North Central .....	317,344	307,779	299,035	10.4	9.0	8.5	77,279	( <sup>5</sup> )	( <sup>5</sup> )	2.5	( <sup>5</sup> )	( <sup>5</sup> )
Ohio .....	75,136	62,947	60,750	9.5	6.9	6.6	21,853	22,259	21,344	2.7	2.5	2.5
Indiana .....	61,659	74,086	74,929	15.7	16.5	16.5	11,600	11,317	12,026	2.9	2.6	2.7
Illinois .....	93,288	86,845	83,554	10.7	9.2	8.7	23,002	( <sup>5</sup> )	( <sup>5</sup> )	2.6	( <sup>5</sup> )	( <sup>5</sup> )
Michigan .....	58,180	57,068	54,166	9.1	7.5	6.9	15,979	17,676	16,228	2.5	2.4	2.1
Wisconsin .....	29,081	26,833	25,636	8.5	7.1	6.6	4,845	4,720	4,488	1.4	1.3	1.2
West North Central .....	137,285	123,670	119,721	9.8	8.2	7.8	30,702	29,286	28,312	2.2	2.0	1.9
Minnesota .....	30,991	24,604	24,869	10.4	7.5	7.5	4,049	3,804	3,948	1.4	1.2	1.2
Iowa .....	27,603	25,270	23,868	10.5	9.2	8.5	5,404	5,195	4,850	2.1	1.9	1.8
Missouri .....	34,300	34,382	34,300	8.7	8.2	8.1	12,177	11,351	10,993	3.1	2.7	2.6
North Dakota .....	5,108	4,302	4,144	8.2	6.7	6.4	580	543	488	1.0	0.8	0.8
South Dakota .....	6,969	6,129	5,742	10.7	8.8	8.2	929	863	850	1.4	1.3	1.2
Nebraska .....	13,828	11,304	10,763	10.4	8.0	7.4	2,554	2,424	2,284	1.9	1.7	1.6
Kansas .....	18,486	17,019	16,080	9.7	8.4	7.5	5,000	5,101	4,899	2.6	2.5	2.3
South Atlantic .....	265,061	267,580	258,020	12.5	11.1	10.5	53,722	( <sup>5</sup> )	( <sup>5</sup> )	2.5	( <sup>5</sup> )	( <sup>5</sup> )
Delaware .....	2,635	2,343	2,262	8.3	5.6	5.2	637	509	598	2.0	1.3	1.4
Maryland .....	50,661	45,242	44,424	21.6	16.0	15.3	5,039	5,422	5,490	2.2	2.0	1.9
Dist. of Col. ....	10,198	8,178	8,043	12.7	9.8	9.7	1,097	1,085	1,092	2.1	1.3	1.3
Virginia .....	30,732	38,284	37,391	11.1	10.3	9.8	5,941	7,116	7,133	1.8	2.0	1.9
West Virginia .....	17,199	14,169	14,842	8.6	7.2	7.5	4,200	( <sup>5</sup> )	( <sup>5</sup> )	2.1	( <sup>5</sup> )	( <sup>5</sup> )
North Carolina .....	29,751	26,354	25,874	7.3	6.0	5.8	6,361	( <sup>5</sup> )	( <sup>5</sup> )	1.6	( <sup>5</sup> )	( <sup>5</sup> )
South Carolina .....	46,175	48,996	50,886	21.8	21.0	16.8	4,200	7,700	2,731	1.1	1.2	1.2
Georgia .....	44,122	52,221	52,633	12.8	14.1	13.9	9,514	7,547	7,751	2.8	2.1	2.1
Florida .....	27,888	31,793	32,065	10.0	8.2	8.0	18,033	19,999	20,238	6.5	5.5	5.2
East South Central .....	134,272	133,433	126,581	11.7	11.4	10.7	30,736	( <sup>5</sup> )	( <sup>5</sup> )	2.7	( <sup>5</sup> )	( <sup>5</sup> )
Kentucky .....	63,019	52,342	21,314	11.2	7.5	7.0	8,100	( <sup>5</sup> )	( <sup>5</sup> )	2.8	( <sup>5</sup> )	( <sup>5</sup> )
Tennessee .....	21,692	24,089	23,327	6.6	7.0	6.7	7,828	8,342	8,410	2.4	2.5	2.5
Alabama .....	22,825	20,779	19,939	7.5	6.7	6.3	8,743	9,721	10,469	2.9	3.2	3.4
Mississippi .....	56,738	66,223	62,001	26.0	30.7	28.4	6,065	4,845	5,027	2.8	2.3	2.3
West South Central .....	190,039	156,740	154,571	13.1	9.8	9.5	65,500	( <sup>5</sup> )	( <sup>5</sup> )	4.5	( <sup>5</sup> )	( <sup>5</sup> )
Arkansas .....	51,584	13,032	13,340	27.0	7.9	7.5	8,800	5,113	4,973	4.6	2.9	2.8
Louisiana .....	26,900	22,499	22,006	10.0	7.5	7.2	5,400	( <sup>5</sup> )	( <sup>5</sup> )	2.0	( <sup>5</sup> )	( <sup>5</sup> )
Oklahoma .....	22,400	29,965	30,581	10.0	13.3	13.4	13,900	12,521	12,439	6.2	5.7	5.5
Texas .....	89,155	90,344	88,644	11.6	10.1	9.7	37,400	34,921	33,831	4.9	4.0	3.8
Mountain .....	132,594	141,051	118,022	26.1	22.8	18.5	27,931	27,635	30,410	5.5	4.6	4.9
Montana .....	7,235	6,770	6,800	12.2	10.4	9.8	1,951	1,909	1,985	3.3	3.0	3.0
Idaho .....	8,345	9,132	8,997	14.2	14.6	14.1	2,696	2,414	2,214	4.6	4.0	3.5
Wyoming .....	3,549	3,199	2,793	12.2	10.1	8.8	1,151	1,127	1,145	4.0	3.6	3.6
Colorado .....	13,735	13,147	13,831	10.4	8.1	8.3	4,400	4,900	4,800	3.3	3.1	3.6
New Mexico .....	22,717	21,600	11,439	33.3	26.6	13.8	2,655	2,140	2,337	3.9	2.7	2.9
Arizona .....	20,951	25,631	9,695	26.7	23.6	8.5	4,062	3,526	5,571	5.4	3.4	5.1
Utah .....	7,110	6,657	6,666	10.3	8.1	7.8	2,107	2,060	2,217	3.1	2.6	2.7
Nevada .....	49,872	54,915	58,101	31.5	21.5	21.7	8,909	9,559	9,141	55.7	38.0	35.7
Pacific .....	125,098	128,133	131,718	8.6	7.2	7.2	55,973	56,544	56,939	3.9	3.3	3.2
Washington .....	34,438	30,113	28,493	14.5	11.3	10.5	11,197	8,787	8,641	4.7	3.4	3.2
Oregon .....	11,300	10,568	10,001	7.4	6.1	5.7	5,943	6,158	5,827	3.9	3.6	3.4
California .....	79,360	87,452	93,224	7.5	6.5	6.7	38,833	41,599	42,471	3.7	3.2	3.2
Alaska .....	1,722	1,827	1,706	13.4	8.9	( <sup>5</sup> )	451	-----	583	3.5	-----	2.8
Hawaii .....	5,575	5,158	4,894	11.2	8.8	( <sup>5</sup> )	1,173	-----	1,305	2.3	-----	2.2

<sup>1</sup> Provisional. Represents marriages reported for about one-half of the States, marriage intentions filed for 1 State, and marriage licenses for the remaining States.

<sup>2</sup> Per 1,000 population. Based on total population residing in area; population enumerated as of April 1 for 1950, estimated as of July 1 for other years.

<sup>3</sup> Includes reported annulments. <sup>4</sup> Estimated. <sup>5</sup> Not available.

<sup>6</sup> Marriage licenses. <sup>7</sup> Incomplete. <sup>8</sup> Includes 16 separate maintenance decrees.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

# No. 80.—MEDIAN AGE OF BRIDE AND GROOM AT FIRST MARRIAGE AND REMARRIAGE, FOR REPORTING STATES AND TERRITORIES: 1954 TO 1956

[By place of occurrence. Medians for total and each State were computed from distribution of marriages by single year of age except for Virginia and Georgia for 1954, for which medians were computed on 5-year age groups]

STATE OR TERRITORY	1954				1955				1956			
	First marriage		Re-marriage		First marriage		Re-marriage		First marriage		Re-marriage	
	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom
Total, 18 States <sup>1</sup>	20.4	23.3	34.8	39.7	20.3	23.1	34.7	39.4	20.1	22.9	35.1	39.6
Alabama	19.8	22.8	33.8	39.9	19.7	22.8	33.7	39.7	19.6	22.6	34.3	39.3
Connecticut	22.2	24.8	36.3	40.4	22.0	24.7	36.7	41.1	21.9	24.6	36.7	41.4
Delaware	21.2	23.8	35.6	41.2	21.1	23.6	34.9	39.6	20.9	23.5	37.0	40.6
Florida	20.7	23.7	36.7	42.1	20.5	23.6	36.2	41.8	20.4	23.4	36.8	42.0
Georgia	19.4	22.4	32.2	37.4	19.3	22.4	32.0	37.2	19.3	22.4	32.9	37.4
Idaho	19.1	22.3	32.0	36.7	19.1	22.2	32.3	36.2	19.0	21.9	32.6	35.7
Iowa	20.1	23.0	34.8	38.6	20.0	22.8	34.6	38.3	19.9	22.6	34.9	38.4
Kansas	19.7	22.6	33.5	37.7	19.7	22.5	33.0	37.1	19.6	22.3	33.6	37.6
Louisiana	19.4	22.5	34.3	40.4	19.5	22.5	33.2	41.6	19.9	22.8	35.1	41.2
Maine	20.1	22.9	33.2	38.5	20.0	22.9	32.8	38.4	19.9	22.7	33.7	37.2
Maryland	20.4	22.7	35.3	40.2	20.3	23.5	35.4	39.0	20.2	23.4	35.6	40.0
Michigan	20.4	23.3	35.6	40.0	20.3	23.2	35.6	39.7	20.2	23.0	35.6	39.6
Missouri	20.5	23.6	34.6	39.2	20.4	23.4	34.5	39.3	20.3	23.3	35.2	39.5
Montana	19.8	23.5	33.8	37.6	19.7	23.4	33.5	37.5	19.6	23.1	33.3	37.4
New Hampshire	20.9	23.8	34.3	39.0	20.8	23.7	34.2	38.4	20.7	23.5	34.2	38.2
New York <sup>4</sup>	21.3	24.1	38.8	44.0	21.1	24.0	38.1	43.4	21.0	23.8	38.5	44.1
Ohio	21.1	23.7	35.1	39.9	20.9	23.5	35.0	39.6	20.7	23.3	35.6	38.9
Oregon	19.7	22.8	36.1	40.0	19.6	22.7	35.6	39.2	19.6	22.5	36.0	39.6
Pennsylvania	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21.6	24.2	36.7	41.4
South Dakota	20.1	23.5	33.1	37.9	20.1	23.5	32.0	36.9	20.0	23.3	33.8	38.5
Tennessee	20.3	22.8	32.8	38.9	20.2	22.7	32.7	38.4	20.0	22.6	33.4	39.2
Utah	19.6	22.4	33.5	37.3	19.5	22.3	33.0	36.6	19.4	22.1	32.9	36.2
Vermont	20.5	23.5	37.6	43.3	20.6	23.4	36.8	42.3	20.2	23.1	37.3	41.6
Virginia	21.4	23.7	34.3	40.2	21.1	23.4	34.2	39.3	21.1	23.2	34.4	39.8
Wyoming	19.9	23.3	32.3	36.3	19.8	23.3	33.0	37.1	19.7	22.7	32.7	36.3
Alaska	20.4	23.9	33.3	37.1	20.3	23.5	33.0	36.5	20.2	23.5	34.1	37.7
Hawaii	22.4	24.9	32.4	36.4	22.2	24.6	31.7	35.9	21.9	24.5	32.3	36.1

<sup>1</sup> Excludes Connecticut, Georgia, Maryland, New York, Pennsylvania, Utah, and Virginia.

<sup>2</sup> Excludes New Orleans. <sup>3</sup> Incomplete. <sup>4</sup> Excludes New York City. <sup>5</sup> Not available.

# No. 81.—MARRIAGES, BY PREVIOUS MARITAL STATUS OF BRIDE AND OF GROOM, FOR REPORTING STATES AND TERRITORIES: 1956

[By place of occurrence. Includes only marriages occurring within the reporting area]

STATE OR TERRITORY	Total mar- riages	PREVIOUS MARITAL STATUS OF—							
		Brides				Grooms			
		Single	Widowed	Divorced	Not stated	Single	Widowed	Divorced	Not stated
Total, 25 States	581,665	442,954	35,997	89,149	13,565	448,405	31,958	87,832	13,470
Alabama	20,779	16,728	1,285	2,766	16,584	1,230	2,965	-----	-----
Connecticut	18,621	14,713	1,075	2,831	14,691	965	2,962	-----	3
Delaware	2,343	1,926	135	276	1,924	136	279	-----	4
Florida	31,793	20,253	3,213	8,318	9	20,851	2,687	8,247	8
Georgia	52,221	37,281	3,517	10,442	981	38,250	2,868	10,285	809
Idaho	9,132	6,257	570	2,295	4	6,540	390	2,188	5
Iowa	25,270	19,193	1,347	3,614	1,116	19,434	1,118	3,684	1,034
Kansas	17,619	13,577	1,008	2,952	82	13,874	858	2,815	72
Louisiana	22,490	8,367	1,181	2,995	9,956	8,420	1,079	3,022	9,969
Maine	8,176	6,543	405	1,228	-----	6,617	340	1,219	-----
Maryland	45,242	34,199	3,034	7,801	118	34,662	2,573	7,860	147
Missouri <sup>2</sup>	34,382	24,271	2,349	7,130	632	24,608	2,089	7,044	641
Montana	6,770	4,588	441	1,715	26	4,910	298	1,542	20
Nebraska	11,364	8,877	651	1,836	-----	9,199	512	1,653	-----
New Hampshire	7,464	5,383	438	1,643	-----	5,434	393	1,637	-----
New Jersey	41,152	33,968	2,609	4,544	131	33,695	2,437	4,896	334
New York <sup>3</sup>	56,810	48,328	3,432	4,838	212	48,938	3,331	4,356	185
Oregon	10,568	7,941	676	1,910	41	8,032	547	1,953	36
Pennsylvania	77,682	66,035	3,834	7,748	65	66,089	3,824	7,725	44
South Dakota	6,129	4,874	346	909	-----	5,102	260	767	-----
Tennessee	24,089	18,714	1,470	3,748	157	18,804	1,373	3,773	134
Utah	6,657	5,580	280	794	3	5,560	286	810	1
Vermont	3,420	2,857	202	353	8	2,873	155	385	7
Virginia	38,284	30,436	2,337	5,458	3	31,064	2,071	5,144	5
Wyoming	3,199	2,065	206	915	13	2,223	138	826	12
Alaska	1,827	1,089	59	351	328	1,218	25	315	269
Hawaii	5,158	4,014	177	907	-----	4,207	133	813	-----

<sup>1</sup> Includes previous marriages annulled. <sup>2</sup> Data incomplete.

<sup>3</sup> Excludes 70,291 marriages for which licenses had been issued in New York City.

Source of tables 80 and 81: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# No. 82.—DIVORCES AND ANNULMENTS—MEDIAN DURATION OF MARRIAGE IN YEARS, FOR REPORTING STATES AND TERRITORIES: 1948 TO 1956

[By place of occurrence]

STATE OR TERRITORY	1948	1949	1950	1951	1952	1953	1954	1955	1956
Total, 23 States.....	5.9	6.1	5.8	6.0	6.0	6.1	6.4	6.4	6.5
Alabama.....	(1)	(1)	(1)	(1)	5.9	6.3	6.3	6.5	6.7
Connecticut.....	9.9	9.4	9.5	9.3	9.3	9.1	8.9	9.2	9.4
Delaware.....	(1)	(1)	(1)	8.5	(1)	9.7	9.0	9.6	9.8
Florida.....	5.9	6.1	6.0	6.3	6.3	6.4	6.6	6.7	6.6
Georgia.....	(1)	(1)	(1)	(1)	24.9	35.7	36.7	35.6	36.0
Idaho.....	(1)	(1)	4.2	4.5	4.5	4.4	4.7	4.2	4.2
Iowa.....	4.8	4.4	4.5	4.9	4.9	5.0	5.0	5.0	5.1
Kansas.....	(1)	(1)	(1)	(1)	6.0	6.1	5.7	5.7	6.1
Maine.....	(1)	(1)	6.0	6.8	6.5	6.4	6.6	6.5	7.3
Michigan.....	(1)	6.8	6.6	36.6	36.7	36.7	37.1	37.2	7.4
Mississippi.....	5.6	5.4	5.0	5.3	5.6	5.4	5.5	5.5	5.8
Missouri.....	(1)	(1)	5.2	35.6	5.8	5.7	35.9	35.9	35.9
Montana.....	(1)	(1)	(1)	5.7	5.9	5.4	5.1	4.8	5.1
Nebraska.....	(1)	5.8	5.7	5.9	6.1	6.0	5.5	5.6	6.0
New Hampshire.....	7.6	7.0	7.2	7.5	6.7	7.1	7.2	7.0	7.6
North Dakota.....	(1)	(1)	5.7	5.8	6.5	6.7	7.2	7.3	6.8
Ohio.....	(1)	(1)	(1)	(1)	6.0	6.2	6.4	6.4	6.5
Oregon.....	4.9	4.6	4.7	5.1	5.2	5.2	5.1	5.1	5.6
South Dakota.....	5.3	5.1	4.8	5.5	5.3	5.3	5.7	5.7	5.1
Tennessee.....	4.5	4.4	4.6	5.0	5.4	5.6	5.5	5.6	5.6
Vermont.....	(1)	(1)	(1)	9.1	9.6	8.8	9.5	9.0	9.6
Virginia.....	7.9	8.4	8.2	8.3	7.7	7.7	7.7	7.9	8.1
Wyoming.....	4.4	(1)	4.2	34.5	35.0	34.9	35.1	4.7	35.4
Alaska.....	(1)	(1)	5.0	5.7	5.4	5.1	6.3	5.7	5.9
Hawaii.....	(1)	(1)	(1)	36.2	6.0	6.5	6.5	6.9	6.6

<sup>1</sup> Not available. <sup>2</sup> Estimated. Data for fiscal year July 1, 1951, through June 30, 1952.

<sup>3</sup> Based on incomplete data. <sup>4</sup> Excludes annulments. <sup>5</sup> July-December.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# No. 83.—DIVORCES AND ANNULMENTS—PERCENT DISTRIBUTION BY NUMBER OF CHILDREN REPORTED UNDER 18 YEARS OF AGE, FOR REPORTING STATES AND TERRITORIES: 1956

[By place of occurrence. Includes only divorces and annulments occurring within the reporting area]

STATE OR TERRITORY	Total	NUMBER OF CHILDREN REPORTED							
		None	1	2	3	4	5	6	7 or more
Total, 22 States <sup>1</sup> .....	100.0	51.1	22.6	14.8	6.8	2.8	1.1	0.4	0.3
Alabama <sup>2</sup> .....	100.0	53.2	23.1	14.3	5.6	2.3	0.9	0.3	0.3
Connecticut.....	100.0	41.6	26.7	18.4	7.8	2.9	1.3	0.4	0.8
Florida.....	100.0	56.8	21.4	13.1	5.5	2.0	0.6	0.3	0.2
Georgia <sup>3</sup> .....	100.0	48.1	25.1	15.7	6.9	2.8	0.9	0.3	0.2
Idaho.....	100.0	47.7	22.8	17.1	6.8	3.6	1.5	0.4	0.2
Iowa.....	100.0	42.8	24.5	17.0	8.7	4.7	1.4	0.6	0.3
Kansas <sup>4</sup> .....	100.0	47.6	21.6	16.5	7.8	3.7	1.3	0.8	0.8
Maine.....	100.0	44.0	22.7	17.1	8.9	4.3	1.7	0.9	0.4
Michigan <sup>5</sup> .....	100.0	53.4	21.2	14.5	6.9	2.6	1.0	0.3	0.2
Mississippi <sup>2</sup> .....	100.0	54.1	21.3	12.2	6.7	3.0	1.4	0.7	0.7
Missouri <sup>3</sup> .....	100.0	55.1	22.1	13.5	5.4	2.3	0.9	0.4	0.3
Montana.....	100.0	46.6	23.2	15.7	8.6	3.2	1.4	0.7	0.6
Nebraska <sup>7</sup> .....	100.0	46.6	23.3	15.3	8.5	3.2	1.6	0.7	0.4
New Hampshire <sup>6</sup> .....	100.0	38.7	26.9	17.6	9.9	3.9	2.1	0.5	0.5
North Dakota <sup>6</sup> .....	100.0	42.0	24.2	18.9	8.0	4.3	1.6	0.4	0.6
Ohio.....	100.0	49.2	22.9	15.4	7.3	3.0	1.4	0.5	0.4
Oregon.....	100.0	49.1	21.9	16.5	8.4	2.9	0.9	0.2	0.2
South Dakota.....	100.0	42.1	22.9	17.6	8.7	4.5	2.2	0.9	0.9
Tennessee.....	100.0	50.7	23.1	13.9	6.7	3.2	1.2	0.6	0.6
Vermont <sup>6</sup> .....	100.0	42.3	23.9	15.2	8.9	5.3	1.9	1.1	1.3
Virginia <sup>2</sup> .....	100.0	51.4	24.2	14.7	6.3	2.3	0.7	0.2	0.2
Wyoming <sup>2</sup> .....	100.0	45.9	22.5	16.4	7.3	3.0	1.1	0.4	0.4
Alaska <sup>6</sup> .....	100.0	55.2	17.4	14.4	8.5	2.4	1.0	0.7	0.3
Hawaii.....	100.0	29.6	21.1	19.8	14.2	6.7	3.6	2.7	2.3

<sup>1</sup> Includes 16 decrees of separate maintenance. <sup>2</sup> Minor children (specific definition of "minor" not given).

<sup>3</sup> Data incomplete. <sup>4</sup> Age of children not specified. <sup>5</sup> Children under 17 years of age.

<sup>6</sup> Children under 21 years of age. <sup>7</sup> Number of children affected.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 48.

# No. 84.—PHYSICIANS, DENTISTS, AND GRADUATE NURSES, AND RATE PER 100,000 POPULATION, BY REGIONS: 1910 TO 1956

[Data for physicians as of midyear; other data, 1910 to 1950 as of census date, beginning 1955 as of midyear for dentists and December 31 for nurses. For States comprising regions, see map, p. XVI. See also *Historical Statistics, 1789-1945*, series C 79 and 82]

PROFES- SION AND YEAR	Num- ber	RATE PER 100,000 POPULATION <sup>1</sup>					PROFES- SION AND YEAR	Num- ber	RATE PER 100,000 POPULATION <sup>1</sup>					
		United States	North- east	North Central	South	West			United States	North- east	North Central	South	West	
<b>Physi- cians:<sup>2</sup></b>														
1921.....	145,404	134	138	138	121	152	<b>Dentists:</b>	1910.....	39,997	43	50	49	27	67
1923.....	145,966	130	135	134	116	150		1920.....	56,152	53	63	59	31	79
1925.....	147,010	127	134	130	111	147		1930.....	71,055	58	69	65	33	82
1927.....	149,821	126	137	128	107	144		1940.....	70,417	53	67	62	29	68
1929.....	152,503	125	138	127	106	144		1950.....	75,025	50	67	54	29	55
1931.....	156,406	126	141	128	104	147		1955.....	97,529	59	72	58	35	61
1934.....	161,359	128	149	128	102	147		1956.....	99,227	59	74	57	35	61
1936.....	165,163	129	154	129	101	147		<b>Nurses:</b>	1910.....	50,476	55	75	47	34
1938.....	169,628	131	160	130	101	146	1920.....		103,879	98	133	87	60	166
1940.....	175,163	133	167	130	101	147	1930.....		214,292	175	239	159	104	262
1942.....	180,496	135	172	132	105	138	1940.....		284,159	216	304	193	134	299
1949.....	201,277	135	168	124	99	141	1950.....		374,584	249	321	233	174	318
1955.....	218,061	133	160	117	103	142	1955.....		430,000	258	(3)	(2)	(3)	(3)
1956.....	221,700	132	(3)	(3)	(2)	(3)								

<sup>1</sup> Based on total population excluding Armed Forces overseas.

<sup>2</sup> Excludes graduates of that year. <sup>3</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service, *Health Manpower Chart Book*, PHS Pub. No. 511; and American Dental Association, *Distribution of Dentists in the United States by State, Region, District, and County, 1956*.

# No. 85.—PHYSICIANS, 1955, AND DENTISTS, 1956, AND RATE PER 100,000 POPULATION, BY STATES AND TERRITORIES

[As of midyear]

STATE OR TERRITORY	PHYSICIANS, 1955		DENTISTS, 1956		STATE OR TERRITORY	PHYSICIANS, 1955		DENTISTS, 1956	
	Num- ber	Rate <sup>1</sup>	Num- ber	Rate <sup>1</sup>		Num- ber	Rate <sup>1</sup>	Num- ber	Rate <sup>1</sup>
Cont. U. S. <sup>2</sup> .....	218,061	133	99,227	59	Nebraska.....	1,581	114	942	66
Alabama.....	2,321	77	881	28	Nevada.....	228	101	119	47
Arizona.....	1,018	104	358	33	New Hampshire.....	752	135	290	51
Arkansas.....	1,626	91	519	30	New Jersey.....	6,737	124	3,632	66
California.....	20,763	159	8,668	64	New Mexico.....	632	79	229	28
Colorado.....	2,385	154	906	56	New York.....	31,146	193	14,038	89
Connecticut.....	3,777	160	1,676	76	North Carolina.....	3,913	91	1,251	28
Delaware.....	509	132	153	37	North Dakota.....	494	77	284	44
Dist. of Columbia.....	2,483	291	778	94	Ohio.....	10,873	121	4,511	80
Florida.....	4,530	131	1,825	47	Oklahoma.....	2,226	103	871	39
Georgia.....	3,391	94	1,054	28	Oregon.....	2,098	126	1,245	72
Idaho.....	568	93	308	49	Pennsylvania.....	14,727	132	6,773	62
Illinois.....	12,529	134	6,233	66	Rhode Island.....	1,036	123	517	61
Indiana.....	4,420	102	2,121	48	South Carolina.....	1,741	76	482	21
Iowa.....	2,829	105	1,685	61	South Dakota.....	534	79	313	45
Kansas.....	2,254	109	1,019	49	Tennessee.....	3,535	103	1,380	40
Kentucky.....	2,638	88	1,082	36	Texas.....	8,750	102	2,987	33
Louisiana.....	3,292	112	1,127	37	Utah.....	1,026	131	504	61
Maine.....	985	109	452	49	Vermont.....	563	149	170	46
Maryland.....	3,884	146	1,145	41	Virginia.....	3,652	102	1,300	35
Massachusetts.....	8,715	174	3,500	73	Washington.....	3,238	126	1,845	69
Michigan.....	7,900	109	3,706	49	West Virginia.....	1,696	85	710	36
Minnesota.....	4,440	140	2,322	71	Wisconsin.....	3,926	106	2,528	67
Mississippi.....	1,562	74	586	27	Wyoming.....	263	86	159	50
Missouri.....	4,902	119	2,461	59	Alaska.....	102	49	52	25
Montana.....	621	98	341	52	Hawaii.....	579	103	341	58

<sup>1</sup> Based on total population excluding Armed Forces overseas.

<sup>2</sup> Includes 8,352 physicians and 7,241 dentists in the Federal service, not allocated to States.

Source: Department of Health, Education, and Welfare, Public Health Service, *Health Manpower Chart Book*, PHS Pub. No. 511; and American Dental Association, *Distribution of Dentists in the United States by State, Region, District, and County, 1956*.

### No. 86.—PRIVATE EXPENDITURES FOR MEDICAL CARE AND FOR VOLUNTARY HEALTH INSURANCE: 1950 TO 1956

[In millions of dollars. Includes employer contributions to health insurance premiums. Excludes medical care expenditures for the Armed Forces and veterans, those made by public health and other government agencies and under workmen's compensation laws, and those of private philanthropic organizations directly to or by hospitals. For further explanation, see source]

EXPENDITURE	1950	1951	1952	1953	1954	1955	1956
<b>Total</b> .....	<b>8,209</b>	<b>8,715</b>	<b>9,336</b>	<b>10,009</b>	<b>10,491</b>	<b>11,209</b>	<b>12,091</b>
Direct payments.....	6,918	7,055	7,343	7,590	7,735	8,059	8,467
Insurance benefits.....	992	1,353	1,604	1,921	2,179	2,536	3,015
Expenses for prepayment <sup>1</sup> .....	299	307	389	498	577	614	609
Hospital services <sup>2</sup> .....	2,289	2,477	2,768	3,105	3,378	3,715	4,098
Direct payments.....	1,420	1,392	1,462	1,549	1,611	1,697	1,730
Insurance benefits.....	680	897	1,074	1,273	1,442	1,679	2,022
Expenses for prepayment <sup>1</sup> .....	189	188	232	283	325	339	346
Physicians' services <sup>3</sup> .....	2,580	2,684	2,878	3,080	3,218	3,398	3,610
Direct payments.....	2,158	2,109	2,191	2,217	2,229	2,266	2,354
Insurance benefits.....	312	456	530	648	737	857	993
Expense for prepayment <sup>1</sup> .....	110	119	157	215	252	275	263
Medicines and appliances.....	1,885	2,048	2,130	2,192	2,197	2,319	2,497
Dentists.....	869	888	905	943	975	1,017	1,070
Other professional services <sup>4</sup> .....	476	498	529	559	583	610	646
Nursing homes <sup>5</sup> .....	110	120	125	130	140	150	170

<sup>1</sup> Represents the difference between expenditures for health insurance premiums (earned income) and amounts returned to consumers as benefits.

<sup>2</sup> Combines amounts received by hospitals from patients and the costs of providing the mechanism of prepaid hospital care.

<sup>3</sup> Combines amounts received by physicians from patients and the costs of providing the mechanism of prepaid physicians' services.

<sup>4</sup> Services of osteopathic physicians, chiropractors, podiatrists, private-duty trained nurses, and miscellaneous curative and healing professions.

<sup>5</sup> Comprises nursing homes with skilled nursing care.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, December 1957.

### No. 87.—PERSONAL HEALTH SERVICES—GROSS FAMILY MEDICAL CHARGES, HEALTH INSURANCE BENEFITS COVERING CHARGES, AND CHARGES PER FAMILY BY RESIDENCE, BY TYPE OF SERVICE OR GOODS: 1953

[For year ending June 30. Data are based on a national survey conducted by the National Opinion Research Center, University of Chicago. This survey consisted of a sample ("area probability" type) of 2,809 families comprising 8,846 persons]

SERVICE OR GOODS	Gross charges incurred, amount (billion dollars)	INSURANCE BENEFITS COVERING CHARGES INCURRED		CHARGES PER FAMILY			
		Amount (billion dollars)	Percent charges covered by benefits	Urban		Rural nonfarm	Rural farm
				Areas of 1,000,000 or more	Other		
<b>Total</b> .....	<b>10.2</b>	<b>1.5</b>	<b>15</b>	<b>\$237</b>	<b>\$204</b>	<b>\$197</b>	<b>\$178</b>
Physicians' charges.....	3.8	.5	13	91	74	79	69
Surgery.....	.8	.3	38	(1)	(1)	(1)	(1)
Obstetrics.....	.4	.1	25	(1)	(1)	(1)	(1)
Other physicians.....	2.6	.1	4	(1)	(1)	(1)	(1)
Hospitals.....	2.0	1.0	50	39	44	42	35
Prescriptions and other medicines.....	1.5	(2)	—	32	29	30	33
Other medical goods and services.....	1.3	(2)	1	27	27	25	25
Dentists <sup>1</sup> .....	1.6	(2)	—	51	31	24	19

<sup>1</sup> Not available.

<sup>2</sup> Less than \$50,000,000.

<sup>3</sup> Includes expenditures made directly to dental laboratories for X-rays, denture repair, and manufacture of dentures on basis of impressions taken by dentists.

Source: Odin W. Anderson with Jacob J. Feldman, *Family Medical Costs and Voluntary Health Insurance: A Nationwide Survey*, McGraw-Hill Book Company, Inc., New York, N. Y., 1955.

## No. 88.—HOSPITALS—TYPE OF CONTROL AND SERVICE: 1920 TO 1956

[For 1920-1953, covers hospitals and related institutions registered by the American Medical Association. Registration was a basic recognition extended to hospitals and related institutions in accordance with requirements outlined in *Essentials of a Registered Hospital*, officially adopted by the House of Delegates of the A. M. A. Hospital registration series was discontinued by the A. M. A. in 1954. Beginning 1954, represents new series covering hospitals accepted for listing by the American Hospital Association, and may not be entirely comparable. Listing is a basic recognition extended to hospitals and related institutions in accordance with requirements outlined in *Requirements for Accepting Hospitals for Listing*, officially adopted by the House of Delegates of the American Hospital Association. See also *Historical Statistics, 1789-1945*, series C 92-117]

YEAR	TOTAL		TYPE OF CONTROL								
			Governmental				Nonprofit		Proprietary		
	Hos- pitals	Beds		Federal		State and local		Hos- pitals	Beds	Hos- pitals	Beds
		Number	Rate <sup>1</sup>	Hos- pitals	Beds	Hos- pitals	Beds				
1920.....	6, 152	817, 020	7.7								
1925.....	6, 896	802, 065	6.9								
1930.....	6, 719	955, 869	7.8	299	57, 091	2, 351	2, 317, 264				
1935.....	6, 246	1, 075, 139	8.4	288	63, 581	1, 524	556, 145	4, 907	336, 143		
1940.....	6, 291	1, 226, 245	9.3	316	83, 353	1, 408	658, 359	2, 640	268, 568	1, 882	64, 859
1945.....	6, 511	1, 738, 944	13.1	336	108, 928	1, 431	764, 761	2, 901	298, 490	1, 623	64, 066
				705	546, 384	1, 478	810, 334	2, 990	331, 286	1, 338	50, 940
1946.....	6, 280	1, 468, 714	10.5	464	264, 486	1, 498	318, 248	2, 992	336, 981	1, 326	48, 999
1947.....	6, 276	1, 425, 222	9.9	401	213, 204	1, 516	817, 001	3, 016	344, 581	1, 343	50, 436
1948.....	6, 335	1, 423, 520	9.7	372	185, 098	1, 528	834, 069	3, 084	352, 972	1, 351	50, 781
1949.....	6, 572	1, 439, 030	9.7	361	182, 254	1, 576	842, 901	3, 157	359, 891	1, 478	53, 984
1950.....	6, 430	1, 456, 912	9.6	355	186, 793	1, 557	850, 248	3, 169	368, 866	1, 349	51, 005
1951.....	6, 637	1, 529, 988	10.0	388	216, 939	1, 644	880, 781	3, 237	379, 956	1, 368	52, 312
1952.....	6, 665	1, 541, 615	9.9	386	211, 510	1, 692	888, 113	3, 282	390, 987	1, 305	51, 005
1953.....	6, 840	1, 573, 014	9.9	392	200, 535	1, 744	912, 469	3, 375	407, 706	1, 329	52, 304
1954.....	6, 970	1, 577, 961	9.8	430	189, 233	1, 800	919, 870	3, 421	417, 343	1, 319	51, 515
1955.....	6, 956	1, 604, 408	9.8	428	183, 162	1, 805	942, 332	3, 440	427, 044	1, 283	51, 870
1956.....	6, 966	1, 607, 692	9.6	432	184, 121	1, 816	930, 519	3, 510	442, 605	1, 208	50, 447

YEAR	TYPE OF SERVICE								
	General (long and short term)			Nervous and mental		Tuberculosis		All other	
	Hospitals	Beds		Hospitals	Beds	Hospitals	Beds	Hospitals	Beds
		Number	Rate <sup>1</sup>						
1920.....	4, 013	311, 159	2.9	521	295, 382	52	10, 150	1, 566	200, 329
1925.....	4, 041	293, 301	2.5	589	341, 480	466	49, 131	1, 800	118, 153
1930.....	4, 302	371, 609	3.0	561	437, 919	515	65, 940	1, 341	80, 401
1935.....	4, 257	406, 174	3.2	592	529, 311	496	70, 373	901	69, 281
1940.....	4, 432	462, 360	3.5	602	621, 284	479	78, 246	778	64, 355
1945.....	4, 744	922, 549	7.0	563	657, 393	449	78, 774	755	80, 228
1946.....	4, 523	641, 331	4.6	575	674, 930	450	83, 187	732	69, 266
1947.....	4, 539	592, 453	4.1	585	680, 913	441	81, 328	711	70, 528
1948.....	4, 589	576, 459	3.9	586	691, 499	438	81, 993	722	73, 569
1949.....	4, 761	574, 683	3.9	606	705, 423	444	83, 470	761	75, 454
1950.....	4, 713	587, 917	3.9	579	711, 921	431	85, 746	707	71, 323
1951.....	4, 890	640, 207	4.2	596	728, 187	430	88, 379	721	73, 215
1952.....	4, 924	640, 923	4.1	585	732, 929	428	89, 571	728	78, 192
1953.....	5, 087	653, 752	4.1	593	749, 393	420	88, 406	740	81, 468
1954.....	5, 280	663, 137	4.1	596	755, 506	393	83, 330	701	75, 988
1955.....	5, 431	685, 655	4.2	586	772, 852	374	80, 505	565	65, 396
1956.....	5, 506	696, 978	4.2	569	762, 294	342	76, 380	549	72, 040

<sup>1</sup> Beds per 1,000 population (excluding Armed Forces overseas). (See table 2.)

<sup>2</sup> State hospitals only.

<sup>3</sup> Includes proprietary hospitals.

Source: 1920 to 1953, American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill., annual report, *Hospital Service in the United States*; thereafter, American Hospital Association, Chicago, Ill., *Hospitals*, Guide Issue.

## No. 89.—HOSPITAL FACILITIES, 1946 to 1956, AND BY STATES AND OTHER AREAS, 1956

[For coverage, see headnote reference to 1954 in table 88 which applies to all years here]

YEAR AND STATE OR OTHER AREA	HOSPITALS		BEDS		BASSINETS		PATIENTS ADMITTED		AVERAGE CENSUS <sup>1</sup>	
	Total	General and special short-term	Total	General and special short-term	Total	General and special short-term	Total	General and special short-term	Total	General and special short-term
1946.....	6,125	4,444	1,435,778	473,059	85,585	80,987	15,674,602	13,655,087	1,141,864	340,823
1947.....	6,173	4,475	1,400,318	465,209	86,271	82,162	17,788,535	15,908,436	1,190,266	354,143
1948.....	6,160	4,499	1,411,450	471,555	87,241	83,176	16,821,493	15,072,483	1,241,185	360,871
1949.....	6,277	4,585	1,436,288	470,584	88,891	84,843	17,224,351	15,427,726	1,240,217	352,039
1950.....	6,788	5,031	1,456,825	504,504	90,101	86,019	18,488,185	16,663,224	1,252,831	371,837
1951.....	6,832	5,066	1,521,959	516,020	92,502	88,304	18,788,272	16,676,751	1,297,841	377,990
1952.....	6,903	5,122	1,561,839	530,689	95,631	90,030	19,023,577	17,413,157	1,335,673	384,693
1953.....	6,978	5,212	1,590,554	545,903	97,061	92,175	20,183,827	18,097,626	1,341,623	393,776
1954.....	6,970	5,212	1,577,581	553,068	97,773	92,908	20,345,431	18,391,675	1,342,608	392,969
1955.....	6,950	5,237	1,604,408	567,612	98,823	93,868	21,072,521	19,100,262	1,363,024	406,910
1956.....										
Cont. U.S.....	6,966	5,299	1,607,692	586,498	100,858	95,704	22,089,719	20,107,230	1,355,792	424,650
Alabama.....	130	107	23,436	7,034	1,614	1,515	376,003	339,110	19,323	5,408
Arizona.....	73	40	7,990	3,369	680	505	155,367	123,023	6,214	2,440
Arkansas.....	87	76	14,853	4,922	1,059	1,032	212,335	190,223	12,358	2,971
California.....	436	297	121,400	41,822	6,235	5,513	1,659,516	1,418,784	102,094	30,855
Colorado.....	101	76	18,586	6,220	1,180	1,079	262,518	223,906	15,476	4,504
Connecticut.....	17	42	23,086	7,951	1,331	1,331	310,825	291,653	20,350	6,177
Delaware.....	74	8	4,961	1,334	273	257	52,740	46,334	4,151	961
Dist. of Col.....	25	16	14,287	4,248	736	631	183,787	145,874	12,682	3,198
Florida.....	154	121	25,559	12,083	2,258	2,026	504,316	443,850	19,701	8,363
Georgia.....	151	127	28,437	9,771	2,149	1,971	458,541	400,558	24,541	6,293
Idaho.....	51	43	3,807	2,223	539	515	88,658	83,086	2,640	1,160
Illinois.....	339	246	106,975	36,698	5,725	5,551	1,299,946	1,214,801	90,565	26,984
Indiana.....	143	112	32,095	13,092	2,888	2,378	514,233	491,078	27,012	10,023
Iowa.....	130	111	21,588	10,283	1,732	1,686	352,977	340,103	16,974	7,161
Kansas.....	155	130	17,895	8,988	1,685	1,580	305,079	276,626	13,862	5,887
Kentucky.....	134	104	23,362	8,960	1,835	1,749	400,487	362,080	17,162	6,156
Louisiana.....	134	113	23,737	11,451	1,094	1,608	445,723	415,296	18,872	7,941
Maine.....	56	43	9,281	2,978	688	597	106,819	97,734	7,908	2,064
Maryland.....	83	41	29,934	8,439	1,326	1,196	314,096	260,282	25,696	6,468
Massachusetts.....	216	140	65,562	20,455	3,390	3,232	681,624	619,344	55,804	15,188
Michigan.....	261	192	72,568	24,188	4,247	4,113	987,436	928,080	62,627	18,710
Minnesota.....	206	169	33,107	14,837	2,435	2,406	512,399	486,663	27,251	10,492
Mississippi.....	106	94	14,477	5,640	1,159	1,099	237,068	215,925	11,001	3,810
Missouri.....	151	112	38,795	15,853	2,418	2,316	503,903	469,932	31,284	11,592
Montana.....	63	53	6,013	3,359	672	622	118,338	109,128	4,538	2,037
Nebraska.....	114	101	12,839	6,366	1,210	1,158	203,434	189,112	9,705	4,038
Nevada.....	18	13	1,734	985	180	140	38,905	34,214	1,338	697
New Hampshire.....	40	33	6,848	2,676	512	492	84,078	78,407	5,451	1,663
New Jersey.....	158	104	53,884	17,459	3,059	2,994	613,895	569,113	45,680	13,122
New Mexico.....	53	32	5,752	2,284	580	459	108,855	85,175	3,881	1,358
New York.....	494	342	230,274	66,465	8,961	8,689	2,059,023	1,899,219	207,880	51,259
North Carolina.....	181	150	33,615	14,161	2,733	2,896	569,254	521,965	25,814	9,831
North Dakota.....	63	53	6,715	2,919	619	606	100,004	102,574	5,575	2,076
Ohio.....	259	188	78,676	29,593	4,878	4,836	1,127,543	1,083,109	67,558	23,455
Oklahoma.....	126	99	19,245	6,476	1,428	1,284	271,726	234,476	15,610	4,111
Oregon.....	79	67	13,033	5,929	1,011	1,011	225,301	215,606	10,933	3,950
Pennsylvania.....	351	258	116,573	44,701	7,272	7,113	1,433,457	1,364,512	101,267	34,606
Rhode Island.....	23	15	9,700	2,878	496	470	90,324	85,629	8,270	2,052
South Carolina.....	77	62	17,393	6,447	1,329	1,215	304,519	293,055	12,960	4,290
South Dakota.....	68	52	7,617	3,020	658	602	106,305	94,606	5,793	1,861
Tennessee.....	155	121	27,542	10,320	1,907	1,850	446,527	406,337	23,016	7,370
Texas.....	561	484	60,957	28,203	5,565	5,083	1,273,267	1,134,571	46,409	18,584
Utah.....	39	29	5,458	2,189	630	601	95,641	88,408	4,523	1,498
Vermont.....	30	24	4,697	1,645	326	326	57,480	53,377	3,831	1,050
Virginia.....	123	92	31,254	10,636	2,165	1,923	474,820	400,470	29,036	7,870
Washington.....	138	108	23,673	9,133	1,893	1,704	405,079	355,319	18,424	6,158
West Virginia.....	94	76	16,296	7,669	1,190	1,183	303,650	288,476	13,298	5,622
Wisconsin.....	213	152	36,205	15,774	2,569	2,564	574,500	549,292	30,595	11,472
Wyoming.....	33	27	3,888	1,492	309	297	95,368	88,835	2,903	829
Alaska.....	26	14	2,005	515	180	107	30,856	16,647	1,545	310
Hawaii.....	35	24	6,535	1,872	431	341	89,076	57,750	4,728	1,009
Puerto Rico.....	66	52	9,514	4,362	622	580	143,653	127,807	7,680	3,169

<sup>1</sup> A average number of patients receiving hospital treatment each day.Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.



**No. 90.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS UNDER PUBLIC AND PRIVATE CONTROL: 1931 TO 1955**

[Coverage of hospitals and institutions varies from year to year. In general no adjustments are made for these variations. For details, see source]

YEAR	PATIENTS IN HOSPITALS FOR MENTAL DISEASE AT END OF YEAR					MENTAL DEFECTIVES AND EPILEPTICS IN INSTITUTIONS AT END OF YEAR				
	Total		Public hospitals		Private hospitals	Total		Public insti- tutions <sup>3</sup>	Private insti- tutions	
	Number of patients	Rate <sup>1</sup>	Veterans	Other <sup>2</sup>		Number of patients	Rate <sup>1</sup>			
1931.....	355,257	286.4	14,636	332,440	8,181	77,587	62.5	77,587	(4)	
1935.....	421,446	331.2	22,269	388,535	10,642	97,439	76.6	93,150	4,289	
1940.....	483,448	367.2	32,227	440,543	10,678	104,784	79.4	101,184	3,620	
1945.....	519,593	407.3	43,239	463,254	13,100	119,232	98.5	113,376	5,856	
1946.....	529,084	382.3	47,530	469,253	12,301	119,456	86.3	113,475	5,981	
1947.....	541,107	379.5	51,907	476,825	12,375	125,123	87.8	118,703	6,420	
1948.....	555,114	382.4	52,619	489,400	13,095	127,797	85.0	121,426	6,371	
1949.....	564,637	382.6	52,380	498,339	13,918	132,861	90.0	125,849	7,012	
1950.....	578,130	384.9	51,553	512,501	14,076	135,082	89.9	128,145	6,937	
1951.....	585,243	387.4	50,624	520,326	14,293	136,991	90.7	129,763	7,228	
1952.....	596,492	388.9	51,221	531,981	13,290	139,046	90.7	132,165	6,881	
1953.....	609,950	390.9	50,741	545,045	14,164	142,688	91.4	135,367	7,321	
1954.....	622,849	391.5	54,905	553,979	13,965	147,116	92.5	139,977	7,139	
1955.....	631,503	389.1	57,991	558,922	14,590	151,087	93.1	143,548	7,539	

<sup>1</sup> Per 100,000 estimated population as of July 1, 1931 and 1935, per 100,000 estimated civilian population thereafter.

<sup>2</sup> Comprises State, psychopathic, and county hospitals.

<sup>3</sup> Includes city institutions up to 1948 when last city institution was transferred to State auspices.

<sup>4</sup> Not available.

**No. 91.—MOVEMENT OF PATIENT POPULATION IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1953 TO 1955**

MOVEMENT OF POPULATION	HOSPITALS FOR MENTAL DISEASE <sup>1</sup>				INSTITUTIONS FOR MENTAL DE- FECTIVES AND EPILEPTICS			
	1953	1954	1955		1953	1954	1955	
			Total	Public			Total	Public
<b>Patients on books at beginning of year.....</b>	637,394	647,197	657,308	641,031	156,987	160,007	163,912	156,479
In hospitals and institutions.....	547,369	557,372	566,239	551,801	139,311	142,237	146,247	138,831
In family care.....	4,945	4,840	5,878	5,878	1,365	1,751	2,222	2,222
In other extramural care.....	85,080	84,985	85,191	83,352	16,311	16,019	15,443	15,426
<b>Admissions during year.....</b>	250,836	247,085	269,157	192,241	16,202	18,010	17,076	15,392
First admissions.....	165,319	160,182	168,680	122,284	12,787	13,933	13,593	12,092
Readmissions.....	71,613	74,630	84,999	55,719	1,174	1,162	1,118	1,004
Transfers from other hospitals for mental disease or institutions for mental defec- tives and epileptics.....	13,904	12,273	15,477	14,238	2,241	2,925	2,365	2,296
<b>Separations during year.....</b>	236,819	234,963	256,885	180,161	12,845	13,080	12,280	10,718
Discharges.....	172,425	174,151	191,161	119,570	7,143	6,727	6,480	5,485
Transfers to other hospitals for mental disease or institutions for mental defectives and epi- leptics.....	15,486	14,854	17,598	14,988	2,699	3,310	2,720	2,441
Deaths in hospitals or institutions.....	47,570	44,790	46,847	44,384	2,942	2,944	2,978	2,698
Deaths in extramural care.....	1,838	1,168	1,279	1,213	91	99	102	94
<b>Patients on books at end of year.....</b>	651,411	659,319	669,579	653,111	160,344	164,937	168,708	161,153
In hospitals and institutions.....	559,209	567,944	573,512	558,922	142,688	147,116	151,087	143,548
In family care.....	5,083	5,447	6,197	6,197	1,763	2,240	2,322	2,322
In other extramural care.....	87,119	85,928	89,870	87,992	15,893	15,581	15,299	15,283

<sup>1</sup> Excludes Veterans Administration hospitals.

Source of tables 90 and 91: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.

No. 92.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, BY STATES: 1955

STATE	PATIENTS IN HOSPITALS FOR MENTAL DISEASE <sup>1</sup>				MENTAL DEFECTIVES AND EPILEPTICS IN INSTITUTIONS					
	Resident patients at end of year	First admissions during year			Resident patients at end of year	First admissions during year				
		All hos- pitals	Public hospitals			All institutions			Public institutions	
			Num- ber	Rate <sup>2</sup>		Total <sup>3</sup>	Defec- tives	Epilep- tics	Num- ber	Rate <sup>2</sup>
United States.....	573,512	168,680	122,284	75.3	151,087	13,593	12,310	992	12,092	7.5
Alabama.....	7,238	1,929	1,502	48.7	1,527	275	236	36	224	7.3
Arizona.....	1,690	680	680	69.2	314	128	128	—	125	12.7
Arkansas.....	5,133	2,051	1,600	89.7	—	—	—	—	—	—
California.....	39,957	18,674	12,016	95.2	8,941	1,618	1,481	116	1,466	11.6
Colorado.....	6,018	2,455	1,207	80.1	1,120	131	130	1	112	7.4
Connecticut.....	9,373	3,559	2,422	110.5	3,229	252	217	27	206	9.4
Delaware.....	1,694	653	653	170.9	516	47	32	15	47	12.3
District of Columbia.....	7,318	1,021	1,021	122.3	743	28	23	—	28	3.4
Florida.....	8,161	3,228	1,374	39.3	1,032	185	171	5	152	4.4
Georgia.....	11,841	4,253	2,878	80.4	813	68	68	—	68	1.9
Idaho.....	1,221	666	666	109.4	862	112	110	—	112	18.4
Illinois.....	38,717	10,904	8,290	89.7	10,879	739	736	3	637	6.9
Indiana.....	11,480	3,706	2,820	65.2	4,437	392	343	49	392	9.1
Iowa.....	5,842	2,754	1,496	56.1	3,459	215	181	26	209	7.8
Kansas.....	4,537	1,100	1,040	51.5	1,920	157	151	6	157	7.8
Kentucky.....	7,930	3,536	1,396	47.3	835	105	105	—	102	3.5
Louisiana.....	8,466	2,569	2,000	68.8	1,136	171	167	4	169	5.8
Maine.....	3,004	640	533	59.8	1,445	85	85	—	85	9.5
Maryland.....	10,097	3,398	2,309	86.5	2,004	243	168	3	227	8.5
Massachusetts.....	23,959	8,754	6,515	137.8	8,670	768	674	94	756	16.0
Michigan.....	22,908	6,177	3,098	42.4	9,273	719	619	100	658	9.0
Minnesota.....	11,449	2,540	2,540	79.7	4,701	210	161	37	152	4.8
Mississippi.....	5,807	1,999	1,905	90.4	854	38	29	9	38	1.8
Missouri.....	12,456	2,671	1,346	32.3	2,682	133	120	12	90	2.2
Montana.....	1,919	647	647	103.7	573	33	30	3	33	5.3
Nebraska.....	4,875	1,146	962	69.6	2,301	170	123	35	141	10.2
Nevada.....	440	207	207	91.2	—	—	—	—	—	—
New Hampshire.....	2,733	666	666	121.3	721	94	94	—	94	17.1
New Jersey.....	22,599	6,067	5,089	96.5	5,556	294	287	6	182	3.5
New Mexico.....	997	711	407	53.1	121	12	12	—	12	1.6
New York.....	98,218	19,558	16,281	102.1	25,003	2,237	2,020	142	1,987	12.5
North Carolina.....	10,159	3,314	2,309	54.4	1,749	225	225	—	225	5.3
North Dakota.....	1,993	613	513	79.8	—	—	—	—	—	—
Ohio.....	29,084	9,441	7,191	80.6	7,455	497	497	—	496	5.6
Oklahoma.....	8,120	2,074	1,238	56.8	1,958	174	172	—	173	7.9
Oregon.....	4,925	2,061	1,943	115.7	1,701	228	228	—	211	12.6
Pennsylvania.....	41,932	8,939	5,499	50.6	11,068	712	560	111	397	3.7
Rhode Island.....	3,490	922	898	114.2	863	49	48	—	44	5.6
South Carolina.....	6,071	1,767	1,727	76.7	1,673	118	115	3	118	5.2
South Dakota.....	1,603	496	496	73.2	884	92	74	18	92	13.6
Tennessee.....	7,868	2,722	1,589	46.8	1,110	165	160	1	162	4.8
Texas.....	16,646	4,993	3,803	44.6	5,025	527	439	88	504	5.9
Utah.....	1,337	359	359	45.4	695	48	48	—	48	6.1
Vermont.....	1,980	619	348	94.6	554	25	25	—	21	5.7
Virginia.....	11,658	3,542	2,294	67.1	2,627	322	306	16	299	8.7
Washington.....	7,464	2,123	1,492	58.9	3,162	225	221	—	225	8.9
West Virginia.....	5,628	1,751	1,740	87.7	154	11	11	—	11	0.6
Wisconsin.....	15,322	3,898	3,112	84.1	4,136	486	453	20	375	10.1
Wyoming.....	655	187	167	55.5	516	30	22	6	30	10.0

<sup>1</sup> Excludes Veterans Administration hospitals.<sup>2</sup> Rate per 100,000 estimated civilian population, as of July 1, 1955.<sup>3</sup> Includes 291 persons neither mentally defective nor epileptic.Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.

### No. 93.—FIRST ADMISSIONS TO PUBLIC HOSPITALS FOR MENTAL DISEASE, BY MENTAL DISORDER AND SEX: 1954 AND 1955

[Based on reports from hospitals reporting first admissions of patients by diagnosis and sex. Excludes Veterans Administration hospitals since data classified by type of admission are not available]

DIAGNOSIS	1954			1955		
	Total	Male	Female	Total	Male	Female
All patients.....	98,779	56,256	42,523	97,899	55,637	42,262
Acute brain syndromes.....	3,484	2,688	796	3,276	2,483	793
Chronic brain syndromes.....	33,801	19,672	14,129	33,619	19,282	14,337
Meningoencephalitic syphilis.....	1,199	837	362	972	700	272
Other central nervous system syphilis.....	334	232	102	314	211	103
Alcohol intoxication.....	3,168	2,559	609	2,776	2,206	570
Drug or poison intoxication (exc. alcohol).....	146	83	63	122	71	51
Trauma.....	750	590	160	690	551	139
Cerebral arteriosclerosis.....	14,023	8,080	5,943	14,068	8,108	5,960
Other circulatory disturbance.....	1,004	607	397	1,280	704	576
Convulsive disorder.....	1,607	934	673	1,665	938	727
Senile brain disease.....	9,543	4,634	4,909	9,616	4,623	4,993
All other chronic brain syndromes.....	2,027	1,116	911	2,116	1,170	946
Psychotic disorders.....	33,823	15,058	18,765	31,672	13,934	17,738
Involuntary psychotic reaction.....	3,884	1,169	2,715	3,880	1,166	2,723
Manic-depressive reaction.....	3,180	1,326	1,854	2,774	1,172	1,602
Psychotic depressive reaction.....	898	368	530	1,090	451	639
Schizophrenic reactions.....	24,425	11,437	12,988	22,800	10,545	12,255
Paranoid reactions.....	824	444	380	680	386	295
All other psychotic disorders.....	612	314	298	439	236	204
Psychophysiologic autonomic and visceral disorders.....	158	69	89	157	71	86
Psychoneurotic reactions.....	4,962	2,091	2,871	5,232	2,139	3,093
Personality disorders.....	13,526	10,863	2,673	14,727	11,891	2,836
Transient situational personality disturbance.....	945	527	418	1,120	669	451
Mental deficiency.....	3,166	1,925	1,241	3,048	1,872	1,176
Mental disorder, undiagnosed.....	3,236	2,161	1,075	3,381	2,042	1,339
Without mental disorder.....	1,678	1,212	466	1,667	1,254	413

### No. 94.—PERSONNEL AND EXPENDITURES FOR MAINTENANCE IN STATE HOSPITALS FOR PSYCHIATRIC PATIENTS AND IN PUBLIC INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1940 TO 1955

ITEM	1940	1945	1950	1952	1953	1954	1955
STATE HOSPITALS FOR PROLONGED CARE OF PSYCHIATRIC PATIENTS							
Total personnel, full-time.....	70,195	63,303	105,817	114,426	124,646	132,133	140,332
Average daily resident patient population <sup>1</sup> .....	399,554	430,760	479,709	492,588	514,160	524,565	533,923
Ratios of patients to personnel:							
Total employed.....	5.7	6.8	4.5	4.3	4.1	4.0	3.8
Physicians <sup>2</sup> .....	274.8	384.3	269.9	244.9	226.9	222.6	204.6
Graduate nurses.....	94.0	166.8	104.9	104.7	117.3	114.0	81.5
Other nurses and attendants.....	10.3	13.0	8.2	7.8	7.3	7.1	6.9
Social workers.....	1,144.9	1,050.6	631.2	519.1	460.7	435.7	414.5
Maintenance expenditures, total <sup>3</sup> .....\$1,000.....	119,778	165,743	371,399	460,092	505,283	543,431	590,697
Per capita <sup>4</sup> .....dollars.....	301	386	773	933	986	1,036	1,109
PUBLIC INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS							
Total personnel, full-time.....	15,744	15,926	25,744	29,237	31,025	34,336	36,333
Average daily resident patient population <sup>1</sup> .....	99,976	111,268	125,704	131,199	133,493	138,473	141,553
Ratios of patients to personnel:							
Total employed.....	6.2	7.0	4.9	4.5	4.3	4.0	3.9
Physicians <sup>2</sup> .....	518.6	732.0	519.4	438.8	430.6	417.1	398.7
Graduate nurses.....	219.4	390.4	210.9	185.0	178.0	197.3	158.2
Other nurses and attendants.....	11.7	14.1	9.1	8.2	7.6	7.2	6.8
Teachers.....	140.5	187.6	166.5	148.4	167.4	153.2	155.9
Maintenance expenditures, total <sup>3</sup> .....\$1,000.....	27,961	42,727	91,822	119,020	130,440	141,367	153,458
Per capita <sup>4</sup> .....dollars.....	291	386	746	920	980	1,039	1,093

<sup>1</sup> Average daily resident patient population of hospitals or institutions reporting personnel data only.

<sup>2</sup> Excludes superintendents, assistant superintendents, and medical internes.

<sup>3</sup> Includes salaries and wages, purchased provisions, fuel, light, water, etc.

<sup>4</sup> Total maintenance expenditures divided by average daily resident patient population of hospitals or institutions reporting expenditures only.

Source of tables 93 and 94: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.

# No. 95.—FIRST ADMISSIONS TO PUBLIC HOSPITALS FOR MENTAL DISEASE, BY AGE AND SEX: 1953 TO 1955

[Based on reports from hospitals reporting first admissions of patients by age and sex]

AGE	1953			1954			1955		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>113,545</b>	<b>63,124</b>	<b>50,421</b>	<b>98,779</b>	<b>56,256</b>	<b>42,523</b>	<b>97,899</b>	<b>55,637</b>	<b>42,262</b>
Under 15 years.....	1,461	942	519	1,305	827	478	1,397	870	527
15 to 24 years.....	11,140	6,341	4,799	9,853	5,766	4,087	9,935	5,815	4,120
25 to 34 years.....	20,273	11,084	9,189	18,178	9,910	8,268	17,558	9,608	7,950
35 to 44 years.....	20,062	11,380	8,682	18,681	10,819	7,862	18,018	10,399	7,619
45 to 54 years.....	16,743	9,590	7,153	15,144	9,031	6,113	14,673	8,791	5,882
55 to 64 years.....	13,161	7,659	5,502	10,836	6,433	4,493	10,906	6,296	4,610
65 to 74 years.....	14,545	7,982	6,563	11,369	6,500	4,869	11,434	6,508	4,926
75 to 84 years.....	11,740	5,926	5,814	9,867	5,244	4,623	10,284	5,466	4,818
85 and over.....	3,486	1,608	1,878	2,865	1,400	1,465	3,082	1,508	1,574
Unknown.....	684	612	322	681	416	265	612	376	236

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.

## No. 96.—SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1945 TO 1956

[For qualifications of data, see headnote, table 97. For rates for selected diseases, see *Historical Statistics, 1789-1945*, series C 85-91]

DISEASE	1945	1950	1951	1952	1953	1954	1955	1956
Amebiasis.....	3,412	4,568	3,550	4,280	4,444	3,523	3,348	3,689
Brucellosis (undulant fever).....	5,049	3,510	3,139	2,537	2,032	1,823	1,444	1,300
Diphtheria.....	13,975	5,766	3,083	2,960	2,355	2,041	1,984	1,568
Dysentery, bacillary (shigellosis).....	34,943	23,867	32,215	23,197	16,533	13,846	13,912	10,806
Encephalitis, acute infectious.....	785	1,135	1,123	1,912	1,935	2,606	2,166	2,624
Hepatitis, infectious, and serum.....	(1)	2,820	7,349	17,428	33,700	50,093	31,961	19,234
Leprosy.....	40	44	57	57	60	56	75	52
Malaria.....	62,763	2,184	5,600	7,023	1,310	715	522	234
Measles.....	140,013	319,124	530,118	683,077	449,146	682,720	555,156	611,936
Meningococcal infections.....	8,208	3,788	4,164	4,884	5,077	4,436	3,455	2,735
Poliomylitis, acute.....	13,624	33,300	28,383	57,879	35,592	38,476	28,985	16,140
Psittacosis.....	27	26	25	13	169	563	334	568
Q fever.....	(1)	(1)	8	7	4	8	63	(1)
Rabies in animals <sup>2</sup> .....	9,928	7,901	8,008	8,445	8,903	7,297	5,799	5,681
Rocky Mountain spotted fever.....	472	464	347	327	313	294	295	293
Salmonellosis, paratyphoid fever.....	649	1,233	1,773	2,596	3,946	5,375	5,447	6,704
Scarlet fever and streptococcal sore throat.....	185,570	64,494	84,151	113,677	132,935	147,785	147,502	176,392
Smallpox.....	346	39	11	21	4	39	42	---
Tetanus.....	(1)	486	506	484	506	524	462	468
Trachoma.....	(1)	1,584	2,916	3,088	773	1,172	1,130	(1)
Trichinosis.....	(1)	327	393	367	365	277	264	262
Tuberculosis, all forms.....	114,931	121,742	118,491	100,537	106,925	100,540	98,860	90,465
Tularemia.....	900	927	702	668	601	681	584	522
Typhoid fever.....	4,211	2,484	2,128	2,341	2,252	2,169	1,704	1,700
Typhus fever, endemic (murine).....	5,193	685	378	205	221	163	135	98
Veneral diseases: <sup>4</sup>								
Gonorrhea.....	313,363	286,746	254,057	253,839	246,311	249,883	244,279	233,593
Syphilis.....	351,767	217,558	174,924	169,198	150,026	131,200	123,004	131,793
Other.....	10,261	8,187	6,885	6,093	5,209	4,650	4,078	3,147
Whooping cough (pertussis).....	133,792	120,718	68,697	45,030	37,129	60,886	62,780	31,732

<sup>1</sup> Not available.

<sup>2</sup> For 1945-51, figures from Agricultural Research Service, Department of Agriculture.

<sup>3</sup> None of these cases fulfill the generally accepted criteria for a diagnosis of smallpox.

<sup>4</sup> For 1945-51, figures (civilian cases only) from the Division of Venereal Diseases, Public Health Service.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Morbidity and Mortality Weekly Report*, Vols. 3 and 5, No. 53.

## No. 97.—SPECIFIED REPORTABLE DISEASES—CASES REPORTED, BY MONTH: 1956

[Figures in this and table 96 should be interpreted with caution. Reporting of most of these diseases is known to be seriously incomplete. However, these figures have proved valuable to health authorities by indicating significant changes in disease incidence. They should not be interpreted as measures of total amount of illness caused by the diseases concerned.]

DISEASE	Total <sup>1</sup>	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis.....	3, 689	250	268	280	241	313	335	303	389	270	378	350	304
Brucellosis (undulant fever).....	1, 300	71	87	84	82	112	106	81	110	101	109	90	98
Diphtheria.....	1, 568	177	167	167	90	104	98	71	61	68	139	221	200
Dysentery, bacillary (shigellosis).....	10, 306	833	705	603	540	743	637	2, 1, 604	671	873	918	931	1, 045
Encephalitis, acute infectious.....	2, 624	96	120	159	148	230	185	181	304	463	402	130	183
Hepatitis, infectious and serum.....	19, 234	2, 023	2, 378	2, 305	1, 322	1, 684	1, 290	1, 136	1, 236	1, 094	1, 438	1, 253	1, 575
Leprosy.....	52	8	7	7	7	6	3	4	1	2	6	7	6
Malaria.....	234	13	13	12	12	30	17	29	20	40	17	13	5
Measles.....	611, 936	29, 627	60, 709	100, 488	120, 553	143, 653	86, 578	23, 849	7, 640	3, 765	6, 251	10, 322	18, 352
Meningococcal infections.....	2, 735	292	353	338	236	251	205	162	145	134	199	203	226
Meningitis, other.....	2, 554	203	213	239	164	184	190	142	236	245	224	253	201
Polioomyelitis, acute.....	15, 140	404	279	305	297	443	926	2, 276	4, 098	3, 256	1, 563	808	480
Psittacosis.....	568	29	55	56	46	59	75	40	45	40	34	28	49
Rabies in animals.....	5, 681	436	518	603	577	439	369	354	376	390	380	386	461
Rheumatic fever.....	6, 562	406	394	521	530	548	442	384	305	325	351	359	350
Rocky Mountain spotted fever.....	293	2	1	1	8	32	77	60	64	23	13	6	6
Salmonellosis, except typhoid fever.....	6, 704	543	491	563	497	655	775	636	598	427	576	456	576
Scarlet fever and streptococcal sore throat.....	176, 392	14, 566	20, 642	24, 733	20, 136	17, 872	12, 372	8, 119	8, 422	8, 930	10, 187	12, 606	17, 774
Tetanus.....	468	23	23	36	33	44	17	38	39	38	35	25	29
Trichinosis.....	262	27	47	20	31	21	13	10	24	25	13	12	13
Tuberculosis, all forms.....	90, 465	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Tularemia.....	522	37	25	18	25	31	54	45	38	45	39	50	114
Typhoid fever.....	1, 700	102	94	104	164	179	161	162	204	194	150	85	95
Typhus fever, endemic (murine).....	1, 98	1	9	8	2	8	12	19	11	8	6	7	7
Veneral diseases: 4													
Gonorrhea.....	233, 593	—	—	58, 074	—	—	57, 962	—	—	62, 450	—	—	55, 198
Syphilis.....	131, 763	—	—	29, 573	—	—	31, 918	—	—	33, 655	—	—	36, 012
Other.....	3, 147	—	—	873	—	—	897	—	—	763	—	—	702
Whooping cough (pertussis).....	31, 732	2, 830	2, 980	3, 075	3, 137	3, 787	3, 320	2, 425	2, 333	2, 104	1, 692	1, 965	2, 063

<sup>1</sup> Includes some cases not tabulated by month.

<sup>2</sup> Includes 950 cases resulting from a waterborne outbreak in Utah.

<sup>3</sup> Not available.

<sup>4</sup> Reports received by quarters.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Morbidity and Mortality Weekly Report*, Vol. 5, No. 53.

# No. 98.—NUTRITION—APPARENT CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1910 to 1957

[In pounds. Data on calendar year basis except as follows: Dried fruit, pack year; fresh citrus fruits and rice, crop year beginning previous year; peanuts, crop year beginning September of year indicated; and prior to 1950, canned fruits and vegetables on a pack year. Based on Bureau of the Census estimated population as of July 1. See also *Historical Statistics, 1789-1946*, series C128-155 for unrevised series].

COMMODITY	1910	1920	1930	1940	1950	1954	1955	1956	1957 (prel.)
Meats (carcass weight), total.....	146.4	136.0	129.0	142.4	144.6	154.7	162.8	166.4	159.0
Beef.....	70.4	59.1	48.9	54.9	63.4	80.1	82.0	85.0	83.8
Veal.....	7.2	8.0	6.4	7.4	8.0	10.0	9.4	9.5	9.0
Lamb and mutton.....	6.5	5.4	6.7	6.6	4.0	4.6	4.6	4.4	4.2
Pork (excluding lard).....	62.3	63.5	67.0	73.5	69.2	60.0	66.8	67.5	62.0
Fish (edible weight), total.....	(1)	(1)	10.3	10.6	11.6	10.9	10.2	10.2	10.1
Fresh and frozen.....	(1)	(1)	5.9	5.8	6.4	6.0	5.9	5.7	(1)
Canned.....	(1)	(1)	3.4	4.2	4.5	4.2	3.7	3.9	(1)
Cured.....	(1)	(1)	1.0	0.6	0.7	0.7	0.6	0.6	(1)
Poultry products:									
Eggs (number).....	306	299	331	319	389	376	371	369	360
Chicken (eviscerated weight).....	15.5	13.7	15.7	14.1	20.6	22.8	21.4	24.7	25.3
Turkey (eviscerated weight).....	(1)	(1)	1.5	2.9	4.1	5.3	5.0	5.2	5.8
Dairy products:									
Total milk fat solids.....	29.7	28.9	32.1	32.5	29.4	27.1	27.3	27.2	27.1
Total nonfat milk solids.....	34.7	37.3	38.5	40.8	45.9	47.5	47.9	47.8	48.1
Cheese.....	4.3	4.0	4.7	6.0	7.7	7.9	7.9	8.1	8.0
Condensed and evaporated milk.....	5.8	6.6	13.6	19.3	20.1	16.8	16.2	15.6	15.8
Fluid milk and cream.....	315	343	337	331	349	348	352	355	356
Ice cream (product weight).....	1.9	7.6	9.8	11.4	17.2	17.4	18.0	18.3	18.0
Fats and oils, total, fat content.....	(1)	(1)	(1)	46.4	45.9	45.4	45.5	44.4	44.0
Butter, farm and factory (actual weight).....	18.3	14.9	17.6	17.0	10.7	8.9	9.0	8.7	8.7
Lard.....	12.5	12.0	12.7	14.4	12.6	10.2	10.1	9.9	9.8
Margarine (actual weight).....	1.6	3.4	2.6	2.4	6.1	8.5	8.1	8.2	8.2
Shortening.....	(1)	7.6	9.8	9.0	11.0	11.8	11.5	10.9	10.5
Other edible fats and oils.....	(1)	(1)	(1)	7.4	8.6	9.5	10.1	10.1	10.1
Fruits:									
Fresh, total.....	137.9	145.4	133.6	142.1	107.4	106.1	101.9	99.7	94.7
Citrus.....	17.8	26.0	31.2	56.7	41.2	41.2	41.9	38.4	36.4
Apples (commercial).....	59.4	63.0	42.1	20.7	23.2	20.1	20.0	19.3	20.0
Other (excluding melons).....	60.7	56.4	60.3	55.7	43.0	44.8	40.0	42.0	38.3
Processed:									
Canned fruit.....	3.6	9.4	12.8	10.1	22.0	21.1	22.6	21.6	22.6
Canned juices (excl. frozen).....	0.5	0.6	0.3	7.2	13.4	13.2	12.9	13.0	12.9
Frozen (incl. juices).....	(1)	(1)	0.5	1.3	4.3	7.4	8.7	8.8	9.2
Dried.....	3.5	6.7	5.4	6.0	4.1	3.9	3.5	3.6	3.6
Vegetables and melons:									
Fresh (total commercial).....	(1)	126.8	144.9	143.4	139.5	136.2	133.8	131.4	122.7
Vegetables.....	(1)	95.0	111.9	116.9	114.6	107.3	104.6	104.0	97.8
Melons.....	(1)	31.8	33.0	26.5	24.9	28.9	29.2	27.4	24.9
Canned.....	14.6	18.9	28.2	36.4	42.1	41.9	43.5	43.9	44.0
Frozen.....	(1)	(1)	(1)	0.6	3.4	5.9	6.6	7.2	7.8
Potatoes.....	198	140	132	123	106	106	106	100	103
Sweetpotatoes.....	26.2	29.1	18.3	16.2	12.1	8.0	8.2	8.0	7.1
Dry edible beans.....	6.5	5.7	9.5	8.4	8.6	8.2	7.3	7.5	7.2
Sugar (refined).....	75.4	85.5	109.6	95.7	100.8	96.3	97.5	98.4	96.6
Grains:									
Corn products:									
Cornmeal.....	51.1	35.2	28.3	21.8	11.8	9.3	8.8	8.6	8.5
Corn sirup.....	5.4	10.1	7.4	7.9	9.2	8.8	9.0	9.0	8.9
Cornstarch.....	1.0	1.6	1.5	1.3	1.9	1.8	1.8	1.8	1.8
Corn sugar.....	1.1	0.5	5.8	2.9	4.5	3.7	3.7	3.7	3.6
Breakfast cereals.....	1.3	1.5	3.0	1.9	1.5	1.7	1.7	1.7	1.7
Hominy.....	4.5	2.6	1.7	1.7	2.6	2.4	2.3	2.2	2.2
Oat food products.....	3.3	5.7	6.0	4.0	3.3	3.2	3.2	3.2	3.2
Barley food products.....	3.5	3.1	5.4	1.1	1.4	1.1	1.1	1.1	1.1
Wheat:									
Flour.....	214	179	171	155	135	126	123	121	119
Breakfast cereals.....	2.7	3.0	3.2	3.3	3.1	2.9	2.9	2.8	2.8
Rye flour.....	3.6	3.2	2.7	2.4	1.5	1.4	1.4	1.3	1.3
Rice, milled.....	8.3	6.2	5.3	5.9	6.1	5.3	5.5	5.8	5.9
Beverages:									
Coffee.....	9.2	11.7	12.5	15.5	16.2	14.8	15.3	15.7	15.8
Tea.....	1.0	0.8	0.7	0.7	0.6	0.7	0.6	0.6	0.6
Cocoa beans.....	1.2	2.9	3.0	4.8	4.6	3.9	3.8	4.0	4.1
Peanuts (shelled).....	2.5	3.0	3.2	5.0	4.4	4.1	4.2	4.4	4.5

<sup>1</sup> Not available.

<sup>2</sup> Excludes canned food products containing small quantities of fish such as clam chowder, etc.

<sup>3</sup> Includes apples from noncommercial areas.

<sup>4</sup> Excludes produce from rural and urban home gardens.

<sup>5</sup> In terms of malt equivalent.

<sup>6</sup> Comprises white, whole wheat, and semolina flour.

<sup>7</sup> Green bean basis.

Source: Department of Agriculture, Agricultural Marketing Service; published quarterly in *National Food Situation*.

# No. 99.—NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY: 1910 TO 1957

[Computed on basis of estimates of apparent civilian consumption (retail basis) including consumption from rural and urban home gardens. Based on Bureau of the Census estimated population as of July 1. No deductions have been made in nutrient estimates for loss or waste in home or for destruction or loss of nutrients during preparation of food. Deductions have been made for inedible refuse. Data for iron, thiamine, riboflavin, and niacin include amounts of these nutrients added to prepared cereals, bread, and white flour under enrichment program. See also *Historical Statistics, 1789-1945*, series C 122-127 for unrevised series]

NUTRIENTS	Units	1910	1920	1930	1940	1950	1954	1955	1956	1957 (prel.)
Food energy.....	Cal.....	3,550	3,330	3,500	3,380	3,300	3,200	3,220	3,220	3,160
Protein.....	Grams.....	102	94	93	93	95	96	96	97	96
Fat.....	do.....	125	124	136	144	147	144	143	148	144
Carbohydrate.....	do.....	505	466	484	437	409	388	386	384	378
Calcium.....	do.....	0.85	0.89	0.91	0.97	1.02	1.03	1.03	1.03	1.02
Iron.....	Mg.....	15.5	15.1	14.5	15.0	16.8	16.5	16.4	16.8	16.4
Vitamin A value.....	I. U.....	7,100	7,500	7,900	8,100	8,000	7,400	7,400	7,400	7,300
Thiamine.....	Mg.....	1.65	1.55	1.57	1.56	1.88	1.83	1.85	1.84	1.80
Riboflavin.....	do.....	1.89	1.89	1.92	1.97	2.32	2.33	2.34	2.35	2.34
Niacin.....	do.....	18.0	16.4	16.1	16.7	19.4	1.97	1.97	20.1	19.8
Ascorbic acid.....	do.....	108	108	110	119	108	108	108	106	103
Folic acid.....	do.....	0.133	0.126	0.136	0.135	0.132	0.127	0.128	0.127	0.123

Source: Department of Agriculture, Agricultural Research Service; published annually in *National Food Situation*.

# No. 100.—FEDERAL FOOD PROGRAMS—DIRECT DISTRIBUTION, INDEMNITY PLAN, AND SPECIAL MILK PROGRAM: 1936 TO 1957

[For years ending June 30. Participation data for peak month]

YEAR	DIRECT DISTRIBUTION						INDEMNITY PLAN <sup>2</sup> (school-lunch program)		SPECIAL MILK PROGRAM <sup>3</sup>	
	Institutions and welfare cases			School-lunch programs			Children participating	Cost	Quantity reimbursed	Cost
	Persons participating	Quantity	Cost <sup>1</sup>	Children participating	Quantity	Cost <sup>1</sup>				
	1,000	Mil. lbs.	\$1,000	1,000	Mil. lbs.	\$1,000	1,000	\$1,000	Mil. ½pts.	\$1,000
1936.....	10,431	635	31,792	(4)	6	244	7	1	-----	-----
1940.....	11,910	1,695	57,674	2,496	93	3,795	4,630	41,613	-----	-----
1945.....	945	106	7,043	3,938	94	5,795	7,840	64,639	-----	-----
1950.....	1,113	255	24,452	10,129	467	55,189	8,638	68,275	-----	-----
1951.....	1,041	238	25,304	9,901	405	49,925	8,321	66,320	-----	-----
1952.....	1,112	41	7,326	10,126	197	32,173	9,795	67,185	-----	-----
1953.....	1,364	44	16,936	9,700	201	66,469	10,139	67,266	-----	-----
1954.....	2,350	172	60,937	9,362	351	109,044	10,971	69,142	450	17,150
1955.....	4,625	297	97,350	10,213	298	83,136	10,536	67,146	1,394	45,854
1956.....	4,845	524	134,649	10,859	352	114,748	10,656	83,915	1,733	60,473
1957.....	4,881	644	104,446	11,922	529	146,632	-----	-----	-----	-----

<sup>1</sup> Represents cost to the Federal Government of the commodity as delivered to the State distributing agency and includes cost of purchase, handling, warehousing, and transportation, but excludes administrative costs.

<sup>2</sup> For 1940, represents School Milk Program, which was merged with indemnity plan in July 1943. See also headnote, table 102.

<sup>3</sup> Initiated in September 1954 to increase the consumption of fluid milk in schools and child-care institutions authorized under the Agricultural Act of 1954, as amended. <sup>4</sup> Not available.

# No. 101.—FEDERAL FOOD PROGRAMS—DIRECT DISTRIBUTION, BY FOOD GROUPS: 1957

[Quantity in thousands of pounds; cost in thousands of dollars. For year ending June 30]

COMMODITY	TOTAL		SCHOOL-LUNCH PROGRAMS		INSTITUTIONS AND WELFARE CASES	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Total.....	1,173,296	251,078	529,030	146,632	644,266	104,446
Beef products.....	71,323	25,619	71,323	25,619	-----	-----
Canned fruits.....	47,565	5,870	47,565	5,870	-----	-----
Canned vegetables.....	49,687	5,325	49,687	5,325	-----	-----
Citrus juice.....	8,406	1,955	8,406	1,955	-----	-----
Dairy products.....	308,900	112,291	101,495	44,759	207,405	67,532
Dry beans.....	80,403	5,187	28,336	1,828	52,067	3,359
Fats and oils.....	24,053	4,347	16,544	2,990	7,509	1,357
Fresh vegetables.....	9,745	270	6,810	189	2,934	81
Grain, whole and processed.....	369,976	24,322	66,275	4,479	303,701	19,843
Pork products.....	52,310	31,280	52,072	31,173	238	107
Poultry products.....	62,440	20,709	52,601	17,595	9,839	3,114
Rice.....	80,254	12,160	21,838	3,309	58,416	8,851
Miscellaneous.....	8,234	1,743	6,078	1,541	2,157	202

Source of tables 100 and 101: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

# No. 102.—SCHOOL LUNCH PROGRAM (INDEMNITY PLAN)—SCHOOLS AND CHILDREN PARTICIPATING: 1957

[For year ending June 30. Comprises elementary and secondary schools. The indemnity plan is a subsidy program to expand markets for agricultural products, maintain outlets for government-owned commodities, and support school-lunch programs. 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]

STATE OR OTHER AREA	Number of schools participating <sup>1</sup>	ENROLLMENT			STATE OR OTHER AREA	Number of schools participating <sup>1</sup>	ENROLLMENT		
		Total <sup>2</sup> (1,000)	Participating				Total <sup>2</sup> (1,000)	Participating	
			Number <sup>1</sup> (1,000)	Per cent				Number <sup>1</sup> (1,000)	Per cent
<b>Total</b> .....	57,261	36,656	10,656	29.1	<b>Cont. U. S.—Con.</b>				
<b>Continental U. S.</b> .....	55,339	35,867	10,342	28.8	Nevada.....	66	51	10	19.1
Alabama.....	1,440	767	314	40.9	New Hampshire.....	320	120	35	29.5
Arizona.....	368	228	91	39.7	New Jersey.....	772	1,106	130	11.7
Arkansas.....	973	433	191	44.1	New Mexico.....	338	209	49	23.7
California.....	2,877	2,829	535	18.9	New York.....	3,020	3,189	615	19.3
Colorado.....	739	348	97	27.8	North Carolina.....	1,649	1,021	531	52.0
Connecticut.....	542	475	105	22.1	North Dakota.....	849	141	54	38.6
Delaware.....	98	80	16	20.4	Ohio.....	2,034	1,905	504	26.4
Dist. of Columbia.....	180	129	75	58.6	Oklahoma.....	1,753	493	178	36.0
Florida.....	1,088	758	345	45.5	Oregon.....	694	373	124	33.2
Georgia.....	1,612	931	407	43.7	Pennsylvania.....	1,794	2,262	433	19.2
Idaho.....	458	144	56	39.2	Rhode Island.....	146	162	27	16.6
Illinois.....	2,655	1,870	391	20.9	South Carolina.....	1,101	536	276	51.6
Indiana.....	1,351	977	285	29.1	South Dakota.....	390	156	35	22.7
Iowa.....	1,130	596	213	35.7	Tennessee.....	1,983	761	333	43.8
Kansas.....	1,084	464	126	27.1	Texas.....	2,842	1,914	452	23.6
Kentucky.....	1,346	655	284	43.4	Utah.....	399	203	83	41.1
Louisiana.....	1,502	725	487	67.1	Vermont.....	343	82	25	30.5
Maine.....	540	213	59	27.6	Virginia.....	1,335	785	285	36.4
Maryland.....	680	594	139	23.4	Washington.....	1,050	580	184	31.6
Massachusetts.....	1,005	983	206	21.0	West Virginia.....	1,562	461	164	35.6
Michigan.....	1,568	1,684	283	16.8	Wisconsin.....	1,796	817	192	23.5
Minnesota.....	1,297	726	274	37.8	Wyoming.....	181	75	23	30.0
Mississippi.....	1,116	566	219	38.7	Alaska.....	28	31	4	12.1
Missouri.....	2,340	802	295	34.2	Guam.....	1	12	(3)	2.3
Montana.....	451	145	42	29.2	Hawaii.....	183	153	90	59.0
Nebraska.....	466	283	65	22.8	Puerto Rico.....	1,679	585	215	36.7
					Virgin Islands.....	31	8	5	62.5

<sup>1</sup> As of December 1956. The number of schools and children may have been higher in some States during other months but December was the peak month in terms of children participating nationally.

<sup>2</sup> Source: Latest data available from the Office of Education. Enrollment data for public schools are for fall 1956. Private school enrollment is for 1953-54.

<sup>3</sup> Less than 500 children.

Source: Department of Agriculture, Agricultural Marketing Service.



## Section 3

### Immigration, Emigration, and Naturalization

This section presents statistics related to immigration, emigration, naturalization, and alien registration. The principal source of these data is the *Annual Report* of the Immigration and Naturalization Service. Statistics of immigration and emigration are prepared from passenger and crew lists or manifests, and land border station registrations. Statistics for naturalizations are compiled from periodic reports by courts conducting such proceedings, and those for alien registrations are compilations of data from alien address report cards.

Although the reporting of alien arrivals was required in certain of the colonies and original States, the continuous record begins in 1819. Under the Act of March 2, 1819, passenger lists for all vessels arriving from foreign places were to be delivered to the local collector of customs, copies transmitted to the Secretary of State, and the information reported to Congress. Immigration statistics were compiled by the Department of State from 1820 to 1874 and by the Bureau of Statistics of the Treasury Department from 1867 to 1895. Since 1892 there has been a separate office or bureau of immigration, now a part of the Immigration and Naturalization Service. Annual reports were issued by this bureau from 1892 to 1932. From 1933 to 1940, a summary of the work of the Immigration and Naturalization Service was given in the Annual Reports of the Secretary of Labor. For 1941, the *Annual Report of the Attorney General* contained a report on immigration and naturalization. For subsequent fiscal years, Annual Reports of the Immigration and Naturalization Service (submitted by the Commissioner to the Attorney General) were published independently.

**Immigration.**—Since 1820 the official immigration statistics (see table 104) have changed considerably in coverage. The early figures were for arrivals at Atlantic and Gulf coast seaports of the United States. Pacific coast arrivals were first reported in 1850. Aliens arriving at Canadian seaports en route to the United States were included after 1893. The reporting of arrivals over the land borders began in 1904 and was gradually extended up to 1908. For reporting purposes, Hawaii in 1901, Puerto Rico in 1902, and Alaska in 1904 were treated as integral parts of the United States. Travel between the Philippine Islands and the United States was not treated as immigration or emigration between July 1, 1898 and May 1, 1934. Prior to 1868 arriving alien passengers were recorded; thereafter aliens coming for temporary stay were omitted. The passage of the Act of 1891 increased the number of excludable classes. The basis of reporting was then changed from arrivals to admissions, omitting aliens not permitted to enter the United States, except for the period 1895 to 1897 when the reporting of arrivals was resumed. Two classes of alien admissions are now reported, immigrant under either quota or nonquota status, and nonimmigrant.

**Immigrant.**—An immigrant is defined as an alien, other than a returning resident, admitted for permanent residence.

**Quota immigrant.**—Quotas limit immigration from countries other than those of the Western Hemisphere. Until 1920 there was only a qualitative limitation on immigration into this country. The 1921 Act placed the first numerical ceiling upon immigration. Each country's quota was to be 3 percent of the number of people born in that

Note.—This section presents data for the most recent year or period available on February 7, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

country who were residing in the United States as reported by the 1910 Census of Population. In 1924, a new formula was enacted for computing a country's quota, based on 2 percent of the number of people born in that country who were residing in the United States as determined by the 1890 Census of Population. The 1924 Act also provided that beginning July 1, 1929, the quota of any country shall have the same ratio to 150,000 as the number of persons of that national origin living in the United States had to the total population living in the United States, as determined from the 1920 Census of Population. This Act also established minimum quotas of 100 for all quota areas and thereby raised the total quota authorized to 153,714. By 1952, this figure had become 154,277 by virtue of minor changes. The most recent step in legislation was in the Immigration and Nationality Act of 1952, which simplified the national origins formula of the 1924 Act by basing the annual quota on a flat one-sixth of 1 percent of the population in the 1920 Census. By Presidential proclamation effective January 1, 1953, new quotas were established for each quota area, totaling 154,657. Quotas were further revised during 1957 by Presidential proclamation, and the total now stands at 154,857.

**Nonquota immigrant.**—Nonquota immigrants comprise immigrants born in Canada, Mexico, Cuba, Haiti, the Dominican Republic, the Canal Zone, and countries of Central and South America, and their spouses and children under age 21 if accompanying or following to join such immigrants; spouses and children of citizens of the United States; ministers of religious denominations, their spouses and children, if accompanying or following to join such ministers; refugees; and others.

**Nonimmigrant.**—Nonimmigrants are aliens who enter the United States for temporary periods or resident aliens returning from a temporary stay abroad. Included in the nonimmigrant class are foreign government officials, their families, attendants, servants and employees; temporary visitors for business or pleasure; aliens in continuous transit through the United States; returning resident aliens; students; and others. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

**Displaced persons and refugees.**—The Displaced Persons Act of 1948, as amended, authorized the entry of certain displaced persons and other refugees without regard to the current availability of quotas, but subject to charges made against future annual quotas. The major provisions of the Displaced Persons Program expired in December 1951, and the program was nearly completed by June 30, 1952.

The Refugee Relief Act of 1953 authorized the issuance of 214,000 special nonquota visas until the end of 1956 to German, Italian, Greek, Far-Eastern, and other refugees and expellees from the Soviet and other Communist-dominated countries. An act passed September 11, 1957, further provided for the reallocation of 18,000 of these visas which were unused.

**Alien registration.**—The Immigration and Nationality Act provides that each alien required to be registered under the Alien Registration Act of 1940, who is in the United States on January 1, must report to the Attorney General his current address during the month of January. Alien address report cards are distributed through the Post Offices of the United States or the local offices of the Immigration and Naturalization Service.

**Emigration.**—No official record of alien departures was kept prior to July 1, 1907. Alien departures are classified as emigrant and nonemigrant. For statistical purposes an emigrant is an alien departing from the United States after a stay of one year or more with the declared intention of remaining permanently in a foreign country. The nonemigrant category includes both alien residents of the United States departing for a temporary sojourn abroad, and aliens leaving the United States after a stay of less than a year.

**Naturalization.**—Naturalization statistics for the United States began with the fiscal year 1907. Prior to this time each court kept records of naturalizations but no national

data were compiled. The Act of June 29, 1906, effective September 27, 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. Naturalization statistics were originally compiled by the Bureau of Immigration and Naturalization of the Department of Commerce and Labor, now the Immigration and Naturalization Service of the Department of Justice.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series B 304") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

### NO. 103.—ANNUAL IMMIGRATION QUOTAS, BY COUNTRY, UNDER SUCCESSIVE IMMIGRATION LAWS: 1921 TO 1952

[Quotas as first proclaimed. See table 107 for quota immigrants admitted. For explanation of the various acts, see text, p. 87]

COUNTRY	1921 Act (3 percent, 1910)	1924 ACT		1952 Immi- gration and Nationality Act
		Effective 1924 (2 percent, 1890)	Effective 1929 (national ori- gin ratio)	
All countries.....	356,995	164,667	153,714	<sup>1</sup> 154,657
Europe.....	355,406	161,546	150,591	149,667
Austria.....	7,451	785	1,413	1,405
Belgium.....	1,563	512	1,304	1,297
Bulgaria.....	302	100	100	100
Czechoslovakia.....	14,282	3,073	2,874	2,859
Denmark.....	5,694	2,789	1,181	1,175
Finland.....	3,921	471	569	566
France.....	5,720	3,954	3,086	3,069
Germany.....	68,069	51,227	25,957	25,814
Great Britain <sup>2</sup> .....	77,342	34,007	65,721	65,361
Greece.....	3,294	100	307	303
Hungary.....	5,638	473	869	865
Iceland.....		100	100	100
Ireland <sup>2</sup> .....		28,667	17,853	17,756
Italy.....	42,057	3,845	5,802	5,645
Netherlands.....	3,607	1,648	3,153	3,136
Norway.....	12,202	6,453	2,377	2,364
Poland.....	25,827	5,982	6,524	6,488
Portugal.....	2,520	503	440	438
Rumania.....	7,419	603	295	289
Spain.....	912	131	252	250
Sweden.....	20,042	9,561	3,314	3,295
Switzerland.....	3,752	2,081	1,707	1,698
Turkey.....	656	100	226	225
U. S. S. R.....	34,284	2,248	2,784	2,697
Yugoslavia.....	6,426	671	845	933
Other Europe.....	2,427	1,562	1,538	1,534
Asia.....	1,043	1,300	1,323	<sup>3</sup> 2,990
Africa.....	122	1,200	1,200	1,400
Australia, New Zealand, and Pacific Islands.....	<sup>3</sup> 350	<sup>2</sup> 221	<sup>2</sup> 200	600
All others.....	65	400	400	-----

<sup>1</sup> Quota was 153,774 from 1934 to February 8, 1944, when quota of 105 Chinese, authorized by Act of Dec. 17, 1943, increased the maximum quota to 153,879. On July 4, 1946, quota for Philippine Islands was increased from 50 to 100, thereby raising total quota to 153,929. Quota was increased to 154,206 on July 27, 1949, by establishment of separate quotas of 100 each for Israel, Syria, and Lebanon, and abolishment of combined quota of 123 established for Syria and Lebanon. Quota was increased to 154,277 on Oct. 31, 1950, when quota for Italy was reduced to 5,677, quota for Yugoslavia was increased to 938, and a separate quota of 100 was established for Trieste. Quota was changed to 154,657, effective January 1, 1953, in accordance with the Immigration and Nationality Act. During 1957 the total quota was increased by Presidential proclamation by 200 to 154,857. Quotas of 100 each were established for Sudan, Tunisia, and Ghana, and the quota for British Togoland, now part of Ghana, was abolished.

<sup>2</sup> All Ireland included with Great Britain prior to 1925, thereafter, Northern Ireland only.

<sup>3</sup> Includes Philippines.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

FIG. VII.—IMMIGRANTS ADMITTED: 1950 TO 1957

[See table 113]

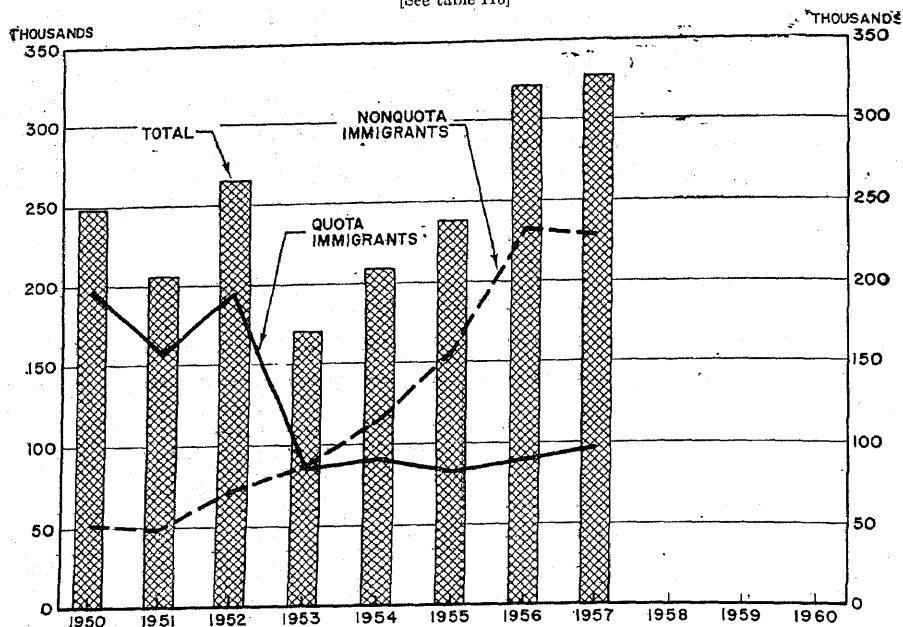
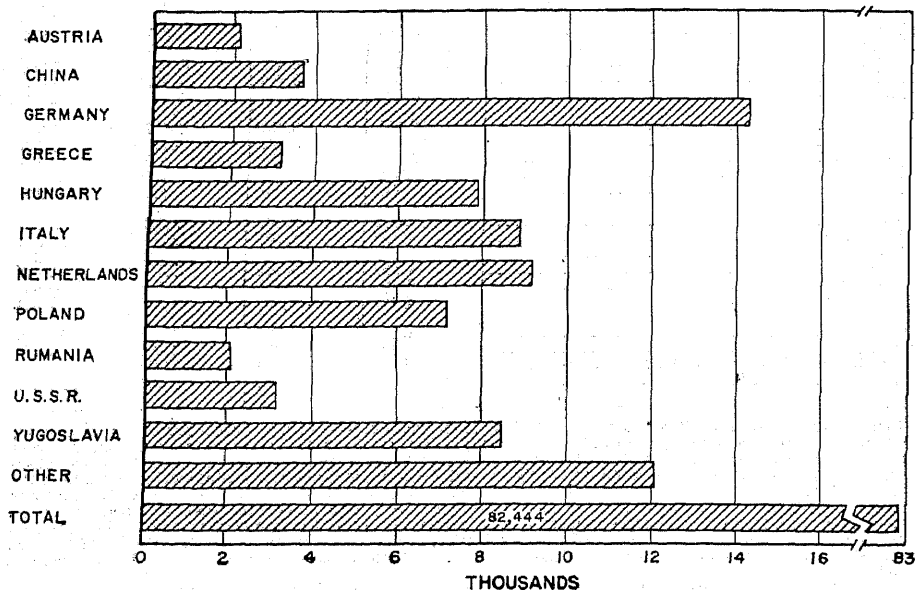


FIG. VIII.—REFUGEES ADMITTED, BY COUNTRY OF BIRTH: 1957

[See table 112]



Source of figs. VII and VIII: Charts prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Immigration and Naturalization Service.

## No. 104.—IMMIGRATION: 1820 TO 1957

[For years ending June 30, except as noted. From 1819 to 1867 figures represent alien passengers arriving; for 1868 to 1891, inclusive, and 1895 to 1897, inclusive, immigrant arrivals; for 1892 to 1894 and from 1898 to the present time, immigrants admitted. See also *Historical Statistics, 1789-1945*, series B 304]

PERIOD	Number	PERIOD OR YEAR	Number	YEAR	Number
1820-1830, total <sup>1</sup> -----	151, 824	1916-1920, total-----	1, 275, 980	1954-----	208, 177
1831-1840, total <sup>2</sup> -----	599, 125	1921-1925, total-----	2, 638, 913	1955-----	237, 790
1841-1850, total <sup>3</sup> -----	1, 713, 261	1926-1930, total-----	1, 468, 296	1956-----	321, 625
1851-1860, total <sup>3</sup> -----	2, 598, 214	1931-1935, total-----	220, 209	1957-----	326, 867
1861-1870, total <sup>4</sup> -----	2, 314, 824	1936-1940, total-----	308, 222	Dec. 31:	
1871-1880, total-----	2, 812, 191	1941-1945, total-----	170, 952	1950-----	203, 407
1881-1890, total-----	5, 246, 613	1946-1950, total-----	864, 087	1951-----	238, 287
1891-1900, total-----	3, 687, 564	1951-1955, total-----	1, 087, 638	1952-----	219, 222
1901-1905, total-----	3, 833, 076	1950-----	249, 187	1953-----	184, 324
1906-1910, total-----	4, 962, 810	1951-----	206, 717	1954-----	225, 753
1911-1915, total-----	4, 459, 831	1952-----	265, 820	1955-----	275, 869
		1953-----	170, 434	1956-----	347, 686

<sup>1</sup> Oct. 1, 1819, to Sept. 30, 1830.

<sup>2</sup> Oct. 1, 1830, to Dec. 31, 1840.

<sup>3</sup> Calendar years.

<sup>4</sup> Jan. 1, 1861, to June 30, 1870.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

## No. 105.—ALIENS ADMITTED AND DEPARTING: 1911 TO 1957

[For years ending June 30, except as noted. See also *Historical Statistics, 1789-1945*, series B 304, B 350-352]

PERIOD OR YEAR	ADMITTED			DEPARTING			EXCESS OF ADMISSIONS OVER DEPARTURES <sup>1</sup>	
	Total	Immi- grant	Nonim- migrant	Total	Emigrant	Nonemi- grant	Total	Immigrant over emigrant
1911-1915, total-----	5, 312, 007	4, 459, 831	852, 176	2, 763, 410	1, 444, 530	1, 318, 880	2, 548, 597	3, 015, 301
1916-1920, total-----	1, 800, 075	1, 275, 980	524, 095	1, 224, 747	702, 464	522, 283	575, 328	573, 616
1921-1925, total-----	3, 421, 811	2, 638, 913	782, 898	1, 414, 236	697, 397	716, 839	2, 007, 575	1, 941, 616
1926-1930, total-----	2, 460, 279	1, 468, 296	991, 983	1, 280, 542	347, 679	932, 863	1, 179, 737	1, 120, 617
1931-1935, total-----	949, 903	220, 209	729, 694	1, 188, 697	323, 863	864, 734	-238, 694	-103, 564
1936-1940, total-----	1, 152, 599	308, 222	844, 377	1, 008, 053	135, 875	872, 178	144, 546	172, 347
1941-1945, total-----	712, 422	170, 952	541, 470	399, 522	42, 696	356, 826	312, 900	128, 256
1946-1950, total-----	2, 783, 976	894, 087	1, 919, 889	1, 862, 771	113, 703	1, 749, 068	921, 205	750, 384
1951-1955, total-----	3, 742, 099	1, 087, 638	2, 654, 461	2, 791, 861	134, 220	2, 657, 641	950, 238	953, 418
1950-----	676, 024	249, 187	426, 837	456, 689	27, 598	429, 091	219, 335	221, 589
1951-----	670, 823	205, 717	465, 106	472, 901	26, 174	446, 727	197, 922	179, 543
1952-----	781, 602	265, 520	516, 082	509, 497	21, 880	487, 617	272, 105	243, 640
1953-----	650, 148	170, 434	480, 714	544, 502	24, 256	520, 246	111, 646	146, 178
1954-----	774, 790	208, 177	566, 613	599, 161	30, 665	568, 496	175, 629	177, 512
1955-----	868, 736	237, 790	630, 946	665, 800	31, 245	634, 555	192, 936	206, 545
1956-----	1, 007, 864	321, 625	686, 239	715, 200	22, 824	692, 376	292, 684	298, 801
1957-----	1, 085, 725	326, 867	758, 858	(2)	23, 933	(2)	(2)	302, 934
Dec. 31:								
1950-----	655, 614	203, 407	452, 207	475, 646	27, 881	447, 765	179, 968	175, 526
1951-----	703, 716	238, 287	465, 429	477, 328	23, 422	453, 906	226, 388	214, 665
1952-----	730, 849	219, 222	511, 627	555, 577	22, 261	533, 316	175, 272	196, 961
1953-----	728, 300	184, 324	543, 976	580, 664	26, 881	553, 783	167, 636	157, 443
1954-----	813, 487	225, 753	587, 734	616, 510	34, 987	581, 523	196, 977	190, 766
1955-----	937, 933	275, 869	662, 114	713, 663	24, 624	689, 039	224, 320	251, 245
1956-----	1, 060, 781	347, 686	713, 045	(2)	23, 096	(2)	(2)	324, 590

<sup>1</sup> Excess of departures indicated by a minus (-) sign.

<sup>2</sup> Not available.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

## No. 106.—ALIENS EXCLUDED AND DEPORTED: 1921 TO 1957

[For years ending June 30]

PERIOD	Ex- cluded	De- ported	YEAR	Ex- cluded	De- ported	Aliens departing volun- tarily under pro- ceedings	Indigent aliens returned at their request
1921-1925, total.....	103,803	28,427	1950.....	5,256	6,628	572,477	85
1925-1930, total.....	85,504	63,730	1951.....	5,647	13,544	673,169	101
1931-1935, total.....	33,277	74,631	1952.....	5,050	20,181	703,778	61
1936-1940, total.....	34,940	42,455	1953.....	5,647	19,845	885,391	54
1941-1945, total.....	10,240	30,772	1954.....	3,313	26,951	1,074,277	36
1946-1950, total.....	28,287	80,077	1955.....	2,667	15,028	232,769	72
1951-1955, total.....	22,324	95,549	1956.....	1,709	7,297	80,891	100
			1957.....	907	5,082	63,379	60

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases and records.

## No. 107.—ANNUAL QUOTAS ALLOTTED AND QUOTA IMMIGRANTS, BY QUOTA AREA: 1936 TO 1957

[For years ending June 30. See text, p. 87]

QUOTA AREA	Annual quota, 1957 <sup>1</sup>	QUOTA IMMIGRANTS						
		1936- 1940, total	1941- 1945, total	1946- 1950, total	1951- 1955, total	1955	1956	1957
All quota areas.....	154,857	203,336	80,879	502,828	611,299	82,232	89,310	97,178
Europe.....	149,667	199,792	78,202	494,713	598,860	78,926	86,246	93,698
Northern and western Europe..	125,165	127,414	49,388	259,802	315,551	62,307	69,332	77,826
Belgium.....	1,207	1,435	2,001	5,252	5,700	1,068	1,098	1,419
Denmark.....	1,175	1,188	761	4,738	5,646	1,129	1,201	1,137
France.....	3,069	3,438	3,850	13,937	14,766	2,903	3,013	2,954
Germany <sup>2</sup> .....	25,814	93,910	21,723	78,855	122,747	23,430	25,618	24,952
Great Britain and Northern Ireland.....	65,361	14,551	14,885	96,430	100,315	10,267	22,695	28,914
Iceland.....	100	25	98	376	482	93	142	134
Ireland.....	17,756	4,298	1,043	24,950	23,258	5,825	6,235	8,933
Luxembourg.....	100	81	218	335	391	74	62	73
Netherlands.....	3,136	2,816	2,043	12,458	15,265	3,020	3,270	2,993
Norway.....	2,364	1,966	926	9,170	11,345	2,310	2,391	2,346
Sweden.....	3,295	1,556	627	7,692	7,918	1,561	1,867	2,289
Switzerland.....	1,608	2,150	1,213	5,609	7,718	1,627	1,750	1,682
Southern and eastern Europe...	24,502	72,378	28,814	234,911	283,309	16,619	16,914	15,872
Austria <sup>2</sup> .....	1,405	978	-----	11,460	6,479	923	1,308	1,430
Bulgaria.....	100	423	153	439	752	83	67	47
Czechoslovakia.....	2,859	9,833	3,316	13,771	15,026	1,615	1,343	1,242
Estonia.....	115	309	151	7,444	4,031	166	123	72
Finland.....	566	1,526	628	2,248	2,628	496	578	568
Greece.....	308	1,795	1,237	1,348	10,269	267	252	262
Hungary.....	865	4,735	1,360	7,818	14,314	528	510	490
Italy.....	5,645	16,943	1,244	23,003	26,636	5,398	5,649	5,454
Latvia.....	235	735	443	21,714	16,885	239	173	143
Lithuania.....	384	1,428	646	19,326	8,666	199	236	204
Poland.....	6,488	18,189	10,602	88,957	101,367	3,657	3,428	3,037
Portugal.....	438	1,656	1,523	2,080	2,067	414	427	457
Rumania.....	289	2,028	1,233	3,844	7,967	225	205	206
Spain.....	250	1,236	1,118	881	1,655	201	176	163
Turkey.....	225	1,030	723	1,370	1,212	129	140	133
U. S. S. R.....	2,697	5,362	3,531	19,545	34,384	1,283	1,392	1,164
Yugoslavia.....	933	3,171	779	8,486	26,706	562	560	526
Other southern and eastern Europe.....	700	1,001	127	1,177	2,265	234	257	284
Asia <sup>3</sup> .....	2,990	2,249	1,582	5,133	9,925	2,653	2,204	2,343
Africa.....	1,600	355	440	1,516	1,535	425	461	679
Oceania <sup>3</sup> .....	600	934	655	1,466	979	228	309	453

<sup>1</sup> See table 103 for quotas, by country, under successive immigration laws.<sup>2</sup> For 1938 to 1945, Austrian quota included with German.<sup>3</sup> Philippines included in Asia beginning 1952; previously included in Oceania (Pacific).Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

**No. 108.—IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE:  
1820 TO 1957**

[For years ending June 30. Data prior to 1906 refer to country whence aliens came; thereafter, country of last permanent residence. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics, 1789-1945*, series B 304-330]

COUNTRY	Total 183 yrs., 1820-1957	1901- 1910, total	1911- 1920, total	1921- 1930, total	1931- 1940, total	1941- 1950, total	1951- 1955, total	1956	1957
<b>All countries</b>	41,061,612	8,795,886	5,735,811	4,107,209	528,431	1,035,039	1,087,638	321,625	326,867
<b>Europe</b>	34,201,065	8,136,016	4,376,564	2,477,853	348,289	621,704	628,235	156,866	169,625
Belgium	185,147	41,635	33,746	15,846	4,817	12,189	10,444	2,098	2,211
Bulgaria <sup>1</sup>	66,299	39,280	22,533	2,945	938	3,75	12	40	16
Czechoslovakia	128,792		3,426	102,194	14,393	8,347	278	68	86
Denmark	347,847	65,285	41,983	32,430	2,559	5,393	5,251	1,069	1,109
Finland	25,465		756	16,691	2,146	2,503	2,403	468	408
France	667,987	73,379	61,897	49,610	12,623	38,809	21,978	6,185	6,017
Germany	6,635,305	341,498	143,945	412,202		226,578	282,014	44,409	60,353
Austria <sup>2</sup>			453,649	32,868	117,621	24,860	40,521	9,840	8,171
Hungary	4,236,962	2,145,266	442,693	30,680	7,861	3,469	334	109	6,383
<b>Great Britain:</b>									
England	2,858,313	388,017	249,944	157,420	21,756	112,252	69,701	15,890	19,279
Scotland	772,376	120,469	78,357	159,781	6,887	16,131	15,199	2,847	4,425
Wales	91,437	17,464	13,107	13,012	735	3,209	1,247	271	316
Greece	476,210	167,519	184,201	51,084	9,119	8,973	20,087	11,216	5,326
Ireland <sup>3</sup>	4,653,760	339,065	146,181	220,591	13,167	26,967	20,851	5,607	8,227
Italy	4,909,087	2,045,877	1,109,524	455,315	68,028	57,661	72,149	40,430	19,624
Netherlands	304,862	48,262	43,718	26,948	7,150	14,860	16,245	5,040	14,958
Norway	830,899	190,605	66,395	68,531	4,740	10,100	11,815	2,292	2,337
Poland <sup>4</sup>	423,825		4,813	227,734	17,026	7,571	665	263	571
Portugal	272,102	69,149	89,732	29,994	3,329	7,423	5,856	1,322	1,457
Rumania	158,449	53,008	13,311	67,646	3,871	1,076	193	83	152
Spain	177,426	27,935	68,611	28,958	3,258	2,898	3,081	576	748
Sweden	1,242,672	249,634	95,074	97,249	3,966	10,665	9,845	2,151	2,593
Switzerland	318,097	34,922	23,091	29,676	5,512	10,547	8,149	1,874	1,847
Turkey in Europe	157,593	79,976	54,677	14,659	737	580	479	271	390
U. S. S. R.	3,344,097	1,597,306	921,201	61,742	1,356	548	85	52	65
Yugoslavia	62,640		1,888	49,064	5,835	1,576	2,652	767	858
Other Europe	853,416	665	8,111	22,983	8,865	6,144	7,201	2,128	1,638
<b>Asia<sup>5</sup></b>	1,030,039	243,567	192,559	97,400	15,344	31,780	42,385	17,327	20,008
China	404,314	20,605	21,278	29,907	4,928	16,709	1,948	1,886	2,098
Japan	306,602	129,797	83,837	33,462	1,948	1,555	14,660	5,967	6,829
Turkey in Asia	205,821	77,393	79,389	19,165	1,328	218	115	48	77
Other Asia <sup>6</sup>	113,302	15,772	8,055	14,866	8,140	13,298	25,662	9,926	11,004
<b>America</b>	5,427,496	361,888	1,143,671	1,516,716	160,037	354,804	392,353	144,713	134,160
Canada and New- foundland	3,428,988	179,226	742,185	924,515	108,527	171,718	162,825	42,363	46,354
Mexico	1,056,247	49,642	219,004	459,287	22,319	60,589	106,762	61,320	49,321
Central America	96,097	8,192	17,159	15,759	5,861	21,665	14,631	4,916	5,731
South America	191,098	17,280	41,899	42,215	7,803	21,831	27,927	9,187	10,851
West Indies	577,059	107,548	123,424	74,899	15,602	49,725	42,489	19,512	18,362
Other America	78,007			31	25	29,276	37,719	7,415	3,541
<b>Africa</b>	41,594	7,368	8,443	6,286	1,750	7,367	5,216	1,351	1,600
Australia and New Zealand	74,290	11,975	12,348	8,299	2,231	13,805	3,554	1,171	1,228
Pacific Islands <sup>7</sup>	20,486	1,049	1,079	427	780	5,437	3,499	175	230
All other countries <sup>8</sup>	266,642	33,523	1,147	228		142	12,396	22	16

<sup>1</sup> Includes Serbia and Montenegro prior to 1920.

<sup>2</sup> Austria included with Germany 1938-45.

<sup>3</sup> Includes Northern Ireland.

<sup>4</sup> From 1899 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.

<sup>5</sup> Philippines included in "Other Asia" in 1952 (1,179), 1953 (1,074), 1954 (1,234), 1955 (1,598), 1956 (1,792), and 1957 (1,874); from 1934 to 1951 Philippines were included in the Pacific Islands; prior to 1934 recorded separately as insular travel.

<sup>6</sup> Includes 32,897 persons returning to their homes in the United States. After 1906 such aliens have been included in immigration statistics as nonimmigrants; prior to that year, such aliens were not recorded.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 109.—IMMIGRANTS, BY COUNTRY OF BIRTH: 1950 TO 1957

[For years ending June 30]

COUNTRY	1950	1955	1956	1957	COUNTRY	19	1955	1956	1957
All countries.....	249,187	237,790	321,625	326,867	Europe—Continued				
Europe.....	206,547	127,492	175,555	185,115	United Kingdom:				
Austria.....	3,182	2,228	4,326	4,109	England.....	8,812	12,475	15,605	19,533
Belgium.....	1,108	1,117	1,370	1,520	Northern Ireland.....	1,249	1,074	1,190	1,492
Bulgaria.....	190	117	282	345	Scotland.....	2,983	3,824	4,245	5,946
Czechoslovakia.....	5,528	1,983	2,612	3,541	Wales.....	393	476	542	599
Denmark.....	1,234	1,321	1,413	1,373	U. S. S. R.....	10,971	1,694	3,864	4,528
Estonia.....	5,422	229	469	440	Yugoslavia.....	9,154	2,567	8,723	9,842
Finland.....	645	619	677	675	Other Europe.....	1,753	1,219	2,134	2,190
France.....	3,519	3,411	4,308	4,180	Asia.....	4,615	12,131	17,538	23,102
Germany.....	31,225	29,603	38,390	45,230	China.....	1,494	2,705	4,450	5,425
Greece.....	1,242	6,311	10,531	4,952	India.....	153	332	314	337
Hungary.....	5,098	904	2,261	8,705	Japan.....	76	3,984	5,586	6,354
Ireland.....	6,801	5,975	6,483	9,124	Palestine.....	212	140	384	475
Italy.....	9,889	31,925	39,789	19,061	Philippines.....	595	1,784	1,873	1,996
Latvia.....	17,494	425	856	1,077	Other Asia.....	2,085	3,186	4,931	8,515
Lithuania.....	11,870	384	908	1,266	North America.....	34,004	90,732	119,417	106,942
Netherlands.....	3,148	3,732	5,134	12,416	Canada.....	18,043	23,001	29,533	33,203
Norway.....	2,379	2,478	2,548	2,533	Mexico.....	6,841	60,772	65,047	49,154
Poland.....	52,851	4,697	8,453	11,225	West Indies.....	6,093	12,499	19,022	18,056
Portugal.....	1,075	1,866	1,396	1,537	Central America.....	2,151	3,683	4,981	5,780
Rumania.....	3,599	988	2,325	2,573	Other North America.....	876	687	834	749
Spain.....	463	1,134	964	1,009	South America.....	2,777	5,590	6,346	9,002
Sweden.....	1,892	1,646	1,906	2,294	Africa.....	689	1,186	1,441	1,673
Switzerland.....	1,728	1,670	1,848	1,800	Australia and New Zealand.....	443	474	602	756
					Other countries.....	112	176	226	277

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 110.—EMIGRANTS, BY COUNTRY OF FUTURE PERMANENT RESIDENCE: 1950 TO 1957

[For years ending June 30]

COUNTRY	1950	1954	1955	1956	1957	COUNTRY	1950	1954	1955	1956	1957
All countries.....	27,598	30,665	31,245	22,824	23,933	Europe—Con.					
Europe.....	12,642	14,192	15,617	12,545	10,363	United Kingdom—Con.					
Austria.....	98	214	278	216	201	Scotland.....	444	420	420	364	211
Belgium.....	237	311	407	251	203	Wales.....	72	42	67	57	51
Bulgaria.....	15	7	8	-----	1	U. S. S. R.....	157	192	177	163	200
Czechoslovakia.....	97	108	131	34	27	Yugoslavia.....	74	168	240	147	135
Denmark.....	350	470	478	418	385	Other Europe.....	332	491	466	379	306
Finland.....	160	158	156	119	104	Asia.....	2,130	3,970	4,161	2,589	3,006
France.....	1,125	1,937	2,040	1,091	783	China.....	428	459	694	70	78
Germany.....	1,309	1,403	1,808	1,639	1,684	Japan.....	315	1,165	837	461	588
Greece.....	588	709	720	618	503	Palestine.....	101	67	44	3	15
Hungary.....	27	158	120	19	18	Syria.....	29	59	49	58	67
Ireland (Eire).....	372	344	403	479	259	Other Asia.....	1,257	2,220	2,537	1,997	2,258
Italy.....	1,636	1,180	1,179	1,115	788	America.....	10,542	10,392	9,389	6,129	8,687
Netherlands.....	379	563	631	499	572	Canada.....	2,267	2,463	2,918	2,599	3,618
Norway.....	877	607	654	600	523	Central America.....	851	921	613	129	364
Poland.....	100	219	182	67	91	Mexico.....	1,257	1,208	866	232	770
Portugal.....	228	183	205	225	141	South America.....	2,873	3,248	2,922	1,930	2,662
Rumania.....	8	68	83	30	12	West Indies.....	3,190	2,547	2,062	1,231	1,273
Spain.....	218	201	394	316	250	Other America.....	104	5	8	8	-----
Sweden.....	483	542	579	437	371	Africa.....	493	485	626	432	496
Switzerland.....	342	490	509	447	356	Australia.....	340	379	316	198	210
United Kingdom:						New Zealand.....	119	72	85	25	43
England.....	2,919	2,824	3,180	2,784	1,999	Philippine Islands.....	1,181	1,002	763	406	622
Northern Ireland.....	189	92	93	31	69	Pacific Islands, not specified.....	51	82	76	9	42
						Unknown or not reported.....	160	91	212	491	404

1 Includes Newfoundland.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.



**NO. 111.—IMMIGRANTS AND EMIGRANTS, BY SEX, AGE, AND MAJOR OCCUPATION  
GROUP: 1936 TO 1957**

[For years ending June 30. See also *Historical Statistics, 1789-1945*, series B 331-336]

SEX, AGE, OCCUPATION	1936- 1940, total	1941- 1945, total	1946- 1950, total	1951- 1955, total	1955	1956	1957
<b>Immigrants</b> .....	<b>308,222</b>	<b>170,952</b>	<b>864,087</b>	<b>1,087,638</b>	<b>237,790</b>	<b>321,625</b>	<b>326,867</b>
Male.....	139,282	70,151	347,836	503,635	112,032	156,410	155,201
Female.....	168,940	100,801	516,251	584,003	125,758	165,215	171,666
Males per 1,000 females.....	824	696	674	862	891	947	904
Under 16 years.....	47,238	24,608	137,214	242,486	51,829	74,429	80,140
16 to 44 years <sup>1</sup> .....	203,627	107,551	575,407	684,203	156,001	206,770	207,664
45 years and over <sup>2</sup> .....	57,357	38,793	151,466	160,949	29,960	40,426	39,063
Illiterates, number <sup>3</sup> .....	5,322	1,403	8,114	7,576	1,677	1,525	676
Percent.....	1.7	0.8	0.9	0.7	0.7	0.5	0.2
<b>Reporting occupations:</b>							
Professional, technical, and kindred workers.....	26,113	17,213	64,004	72,474	14,109	18,995	24,489
Farmers and farm managers.....	4,928	1,691	35,872	32,465	4,446	5,727	3,506
Proprietors, managers, and officials, except farm.....	26,956	11,284	28,119	26,896	5,114	5,814	6,127
Clerical, sales, and kindred workers.....	15,849	12,398	69,230	80,071	18,060	23,413	25,897
Craftsmen, foremen, and kindred workers.....	24,425	16,205	59,427	83,926	18,867	25,914	26,976
Operatives and kindred workers.....			61,935	85,774	15,351	19,036	19,362
Private household workers.....	19,387	5,765	29,665	43,668	11,824	15,347	11,457
Service workers, except private household.....	7,204	4,134	19,292	27,815	6,512	7,922	8,761
Farm laborers and foremen.....	1,978	813	6,486	19,907	5,486	9,050	4,585
Laborers, except farm and mine.....	9,700	3,822	21,015	47,398	17,518	27,807	21,826
<b>Emigrants</b> .....	<b>135,875</b>	<b>42,696</b>	<b>113,703</b>	<b>134,220</b>	<b>31,245</b>	<b>22,824</b>	<b>23,933</b>
Male.....	84,006	25,006	63,424	69,964	17,169	12,062	13,126
Female.....	51,869	17,690	50,279	64,256	14,076	10,762	10,807
Males per 1,000 females.....	1,620	1,414	1,261	1,089	1,220	1,121	1,215
Under 16 years.....	8,561	4,628	9,656	12,320	3,073	2,535	2,745
16 to 44 years <sup>1</sup> .....	83,215	26,715	59,100	82,850	20,382	14,380	15,727
45 years and over <sup>2</sup> .....	44,099	11,353	44,947	39,050	7,790	5,909	5,461
<b>Reporting occupations:</b>							
Professional, technical, and kindred workers.....	7,180	3,723	11,629	16,187	4,261	3,452	3,681
Farmers and farm managers.....	3,318	627	1,701	1,306	187	104	151
Proprietors, managers, and officials, except farm.....	6,095	2,394	9,166	9,533	2,169	1,668	1,763
Clerical, sales, and kindred workers.....	4,973	2,033	5,555	7,284	1,539	1,216	1,029
Craftsmen, foremen, and kindred workers.....	12,814	3,089	3,629	3,651	740	668	534
Operatives and kindred workers.....			6,219	5,300	1,090	753	453
Private household workers.....	8,879	1,104	2,547	3,216	665	469	478
Service workers, except private household.....	3,680	1,091	3,708	5,655	1,394	865	660
Farm laborers and foremen.....	4,246	1,103	4,565	849	229	229	234
Laborers, except farm and mine.....	32,111	7,377	8,223	6,929	573	601	789

<sup>1</sup> 1940-1944, 16 to 45 years.

<sup>2</sup> 1940-1944, 46 years and over. Includes age unknown.

<sup>3</sup> Immigrants over 16 years old who are physically capable of reading but have not been taught to read and understand some language or dialect.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

**No. 112.—IMMIGRANTS—DISPLACED PERSONS ADMITTED, 1948 TO 1955, AND REFUGEES ADMITTED, 1954 TO 1957, BY COUNTRY OF BIRTH**

[For years ending June 30. Comprises displaced persons admitted under Displaced Persons Act of 1948 as amended and refugees admitted under Refugee Relief Act of 1953. See text, p. 88]

COUNTRY OF BIRTH	DISPLACED PERSONS					REFUGEES			
	1948 to 1955 <sup>1</sup>	1950	1951	1952	1953 to 1955	1954	1955	1956	1957
All countries.....	406,026	132,810	98,555	121,964	12,484	821	29,002	75,473	82,444
Europe.....	403,440	132,076	97,398	121,445	12,392	789	28,000	69,797	72,862
Austria.....	8,954	2,232	1,608	4,204	356	7	543	2,019	2,086
Belgium.....	950	13	47	262	628	-----	43	279	129
Bulgaria.....	579	112	176	235	51	-----	10	187	281
Czechoslovakia.....	12,361	3,095	2,236	3,675	1,386	-----	78	922	1,900
Denmark.....	62	7	15	22	14	-----	-----	12	17
Estonia.....	10,206	5,336	1,989	1,171	48	-----	21	286	332
Finland.....	94	41	20	19	7	-----	5	3	9
France.....	799	70	101	204	407	1	24	312	321
Germany.....	62,118	15,949	13,953	25,993	1,597	67	598	5,931	14,321
Greece.....	10,274	97	3,491	6,243	423	55	4,736	8,895	3,231
Hungary.....	16,330	4,406	4,254	6,340	535	-----	153	1,533	7,945
Ireland.....	31	2	3	20	6	-----	7	10	1
Italy.....	2,256	480	550	919	300	617	18,382	29,108	8,895
Latvia.....	35,803	17,318	10,443	4,318	158	-----	89	616	858
Lithuania.....	24,680	11,604	3,769	2,831	176	-----	117	581	979
Netherlands.....	62	10	11	31	7	42	484	1,606	9,205
Norway.....	30	10	8	7	4	-----	3	4	13
Poland.....	134,961	49,041	33,924	30,428	3,739	-----	384	4,250	7,203
Portugal.....	21	3	1	16	1	-----	1	12	21
Rumania.....	10,482	3,189	1,985	4,654	197	-----	458	1,823	2,073
Spain.....	36	1	6	25	4	-----	9	62	47
Sweden.....	347	3	23	51	270	-----	-----	51	27
Switzerland.....	134	14	15	66	39	-----	-----	13	25
United Kingdom:									
England.....	1,509	24	436	975	68	-----	16	305	236
Northern Ireland.....	28	5	11	10	-----	-----	-----	-----	2
Scotland.....	186	3	59	112	11	-----	-----	28	5
Wales.....	103	-----	19	81	3	-----	2	63	22
U. S. S. R.....	35,096	9,776	10,719	11,453	1,513	-----	255	2,356	3,208
Yugoslavia.....	33,174	8,453	7,338	16,365	385	-----	1,376	7,493	8,530
Other Europe.....	1,174	182	189	715	59	-----	206	1,037	940
Asia.....	2,168	628	1,063	365	54	29	866	5,194	9,207
China.....	911	25	713	133	30	-----	171	2,219	3,609
India.....	8	-----	2	6	-----	-----	-----	26	20
Israel.....	16	1	3	5	7	-----	10	194	316
Japan.....	11	-----	7	3	1	18	413	1,195	541
Palestine.....	77	-----	24	51	1	-----	15	235	354
Philippines.....	19	-----	19	-----	-----	-----	10	53	55
Other Asia.....	1,126	602	295	167	15	11	247	1,272	4,252
North America.....	285	91	62	106	7	3	95	219	167
Canada.....	25	6	7	11	1	-----	1	4	10
Mexico.....	3	-----	2	-----	-----	-----	-----	2	3
West Indies.....	2	1	-----	1	-----	-----	2	17	29
Central America.....	4	1	2	1	-----	-----	-----	-----	7
Other North America.....	251	83	51	93	6	3	92	196	118
South America.....	19	6	3	7	1	-----	1	5	36
Africa.....	82	3	24	33	20	-----	29	234	142
Australia and New Zealand.....	10	-----	-----	2	8	-----	2	6	21
Other countries.....	22	6	5	6	2	-----	9	18	9

<sup>1</sup> June 25, 1948, to June 30, 1955 (see text). Includes German ethnics, their wives, and children.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

# No. 113.—ALIENS ADMITTED, BY CLASSES UNDER THE IMMIGRATION LAWS: 1950 TO 1957

[For years ending June 30. Data exclude travelers between continental United States and its possessions, border crossers, crewmen, and agricultural laborers]

CLASS	1950	1952	1953	1954	1955	1956	1957
<b>Aliens admitted</b> .....	676,024	781,602	656,148	774,790	858,736	1,007,884	1,085,725
<b>Immigrants</b> .....	249,187	265,520	170,434	208,177	237,790	321,625	326,867
Quota immigrants.....	197,460	194,247	84,175	94,098	82,232	89,810	97,178
Nonquota immigrants.....	51,727	71,273	86,259	114,079	155,558	232,815	229,689
Wives of U. S. citizens.....	12,201	16,058	15,916	17,145	18,504	21,244	21,794
Husbands of U. S. citizens.....	1,459	793	3,359	7,725	6,716	5,788	5,767
Children of U. S. citizens.....	2,525	2,464	3,268	5,819	5,662	4,710	4,795
Natives of Western Hemisphere countries.....	32,790	47,744	58,985	78,897	92,620	122,083	111,344
Their spouses.....	278	455	1,127	1,119	1,059	1,398	1,584
Their children.....	170	209	987	510	595	551	560
Persons who had been U. S. citizens <sup>1</sup> .....	86	32	104	427	87	44	58
Ministers of religious denominations.....	454	338	244	263	194	210	231
Their spouses.....	147	96	69	57	50	55	68
Their children.....	232	146	74	65	63	85	104
Employees of U. S. Government abroad, their spouses and children <sup>2</sup> .....	-----	-----	2	4	9	2	8
Professors of colleges, universities <sup>3</sup> .....	291	158	169	-----	-----	-----	-----
Their wives.....	124	68	71	-----	-----	-----	-----
Their children.....	188	71	81	-----	-----	-----	-----
Refugees <sup>4</sup> .....	-----	-----	-----	821	29,002	75,473	82,444
Other nonquota immigrants.....	692	2,641	1,803	1,227	997	672	929
<b>Nonimmigrants</b> .....	426,837	516,082	485,714	566,613	620,946	686,259	758,858
Foreign government officials.....	13,975	22,267	24,502	23,005	26,288	27,109	28,498
Temporary visitors for business.....	67,984	86,745	63,496	61,029	68,696	72,265	84,246
Temporary visitors for pleasure.....	219,810	269,606	243,219	292,725	332,394	399,704	453,514
Transit aliens.....	68,640	77,899	67,684	78,526	71,301	65,214	107,399
Treaty traders.....	766	791	878	1,023	1,203	1,619	1,740
Students.....	9,744	8,613	13,633	25,425	27,192	28,013	30,760
Representatives to international organizations.....	5,010	5,137	6,112	5,601	6,003	5,190	6,406
Temporary workers and trainees <sup>5</sup> .....	-----	-----	3,021	5,479	9,750	17,077	16,856
Representatives of foreign information media <sup>6</sup> .....	-----	-----	174	504	575	697	960
Exchange aliens <sup>2</sup> .....	-----	-----	12,584	15,260	16,077	17,204	17,849
Returning resident aliens <sup>4</sup> .....	40,903	44,980	50,397	55,837	61,442	52,136	10,617
Other nonimmigrants.....	5	44	114	59	25	31	13

<sup>1</sup> Under the Immigration Act of 1924, this class covered only women who had been U. S. citizens.

<sup>2</sup> New classes under the provisions of the Immigration and Nationality Act of 1952.

<sup>3</sup> Professors admitted as nonquota immigrants under the Immigration Act of 1924. Professors are not included in the nonquota classes as defined in the Immigration and Nationality Act of 1952.

<sup>4</sup> Refugees admitted under Refugee Relief Act of 1953.

<sup>5</sup> Excludes agricultural laborers except those admitted from Japan and those admitted from the West Indies and Canada after March 8, 1957.

<sup>6</sup> Returning resident aliens who have once been counted as immigrants are included with nonimmigrants. In 1957, figure includes only those who had been abroad one year or longer.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

**NO. 114.—RESIDENT ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM, BY SELECTED NATIONALITIES, 1951, 1956, AND 1957, AND BY STATE OF RESIDENCE, 1955 TO 1957**

NATIONALITY	1951 <sup>1</sup>	1956	1957	STATE OF RESIDENCE	1955	1956	1957
All nationalities.....	2,265,032	2,622,462	2,833,732	Total.....	2,336,720	2,622,462	2,833,732
Canada.....	217,397	( <sup>2</sup> )	( <sup>2</sup> )	California.....	380,001	412,225	475,820
China.....	33,003	38,316	40,965	Connecticut.....	68,613	73,471	79,919
Germany.....	118,003	215,144	257,234	Hawaii.....	57,686	56,571	54,970
Great Britain.....	192,723	505,729	543,484	Illinois.....	138,243	160,119	186,009
Greece.....	35,069	45,742	52,887	Massachusetts.....	119,044	127,201	129,449
Italy.....	229,062	223,566	255,667	Michigan.....	131,153	155,685	166,065
Mexico.....	324,104	424,325	470,411	New Jersey.....	105,329	135,542	146,392
Poland.....	213,319	187,883	193,739	New York.....	470,582	514,208	550,097
U. S. S. R.....	126,010	76,089	86,341	Ohio.....	97,324	108,996	113,583
All other.....	776,342	905,663	933,004	Pennsylvania.....	114,105	114,587	128,368
				Texas.....	196,477	227,254	232,551
				All other.....	458,068	530,703	570,494

<sup>1</sup> Excludes approximately 100,000 alien address reports that were incomplete for 1951.

<sup>2</sup> Canada included with Great Britain.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

**NO. 115.—ALIENS AND CITIZENS—TOTAL ARRIVALS AND DEPARTURES, AND ARRIVALS AT PRINCIPAL PORTS: 1936 TO 1957**

[For years ending June 30. Compiled from passenger manifests; excludes travelers between continental U. S. and its possessions, border crossers, crewmen, military personnel, and cruise travelers. Through 1955 citizen arrivals include citizens returning to the U. S. after residence in Canada or Mexico for a year or more and citizens returning from overseas and entering the U. S. via Canada]

PORT AND CLASS	1936-1940, average	1941-1945, average	1946-1950, average	1951-1955, average	1954	1955	1956	1957
<b>Arrivals.....</b>	537,528	232,304	936,044	1,539,955	1,624,591	1,843,175	2,071,130	2,338,768
United States citizens.....	345,100	136,826	507,821	938,305	1,021,327	1,171,612	1,281,110	1,365,075
Aliens.....	192,428	95,478	428,223	601,650	603,264	671,563	790,020	973,693
<b>Departures.....</b>	507,746	158,156	747,817	1,308,726	1,413,767	1,584,188	1,813,498	1,976,715
United States citizens.....	331,635	102,225	473,858	894,890	971,025	1,096,146	1,272,516	1,402,107
Aliens.....	176,211	55,931	273,959	413,836	442,742	488,042	540,982	574,608
<b>Excess of arrivals over departures.....</b>	29,782	74,148	188,227	231,229	210,824	258,987	257,632	362,053
<b>ARRIVALS AT PRINCIPAL PORTS</b>								
New York.....	375,668	76,650	485,050	802,496	846,208	940,003	1,086,680	1,190,908
United States citizens.....	228,369	39,340	221,108	463,854	519,021	585,499	656,240	651,232
Aliens.....	147,299	37,310	263,942	338,642	327,187	354,504	430,440	539,676
Boston.....	11,794	3,129	30,773	49,394	60,083	60,249	50,257	52,125
United States citizens.....	6,942	1,675	16,465	33,097	39,309	41,601	32,836	34,261
Aliens.....	4,852	1,454	14,308	16,297	20,774	18,648	17,421	17,864
Philadelphia.....	1,330	1,373	3,808	3,171	2,792	7,740	47,189	24,671
United States citizens.....	954	601	1,042	1,987	1,494	6,024	40,401	20,375
Aliens.....	376	772	2,166	1,184	1,298	1,716	6,788	4,296
Baltimore.....	1,324	10,843	17,310	2,841	1,873	4,111	4,482	3,624
United States citizens.....	1,068	8,827	12,185	1,785	741	3,115	3,088	2,327
Aliens.....	266	2,016	5,125	1,056	1,132	996	1,394	1,297
Miami.....	72,254	82,487	224,151	322,846	326,814	369,764	420,644	470,335
United States citizens.....	55,362	50,282	140,418	206,625	207,622	236,287	274,819	301,808
Aliens.....	16,892	32,205	83,733	116,221	119,192	133,477	154,825	168,527
New Orleans.....	6,668	10,686	34,685	38,349	32,931	37,064	42,080	46,795
United States citizens.....	6,997	6,279	22,147	21,000	20,302	22,445	26,738	30,568
Aliens.....	1,671	4,307	12,538	16,749	12,629	14,619	15,342	16,227
San Francisco.....	14,550	11,574	36,790	33,625	32,982	29,642	26,665	24,644
United States citizens.....	8,311	7,472	20,050	21,652	22,116	18,681	15,493	13,862
Aliens.....	6,239	4,102	16,740	11,973	10,866	10,961	11,172	10,782
Seattle.....	4,122	1,352	7,944	21,857	17,293	29,492	17,508	18,543
United States citizens.....	2,211	452	6,768	17,678	13,274	24,689	10,292	11,153
Aliens.....	1,911	900	1,176	4,179	4,019	4,803	7,216	7,390

<sup>1</sup> Excludes visitors to Canada and Mexico.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

# **No. 116.—PASSPORTS ISSUED AND RENEWED, BY OBJECT OF TRAVEL, DESTINATION, AND MEANS OF TRAVEL: 1950 TO 1957**

[Passports are actual count; other data based on daily spot checks and prorated to total passports]

ITEM	1950	1951	1952	1953	1954	1956	1957
<b>New and renewed passports</b> .....	299,665	290,407	395,337	418,170	452,049	559,066	585,994
<b>Object of travel:<sup>2</sup></b>							
Commercial business.....	18,235	33,465	40,517	40,933	48,469	25,124	58,801
Employment.....	9,129	14,047	15,052	17,490	18,547	14,978	13,400
Education.....	13,837	17,732	28,800	22,137	23,081	25,191	23,122
Health.....	1,069	900	2,058	4,383	3,453	1,884	1,686
Personal business.....	141,567	115,946	102,355	177,436	179,534	37,411	18,943
Religious.....	4,676	1,682	1,344	4,313	6,022	3,884	4,707
Other.....	108,486	105,613	143,857	149,891	170,832	365,866	367,518
	2,606	1,022	1,354	1,587	2,111	84,728	97,817
<b>Region of destination:</b>							
Africa.....	4,827	6,958	5,544	9,822	14,244	7,214	6,728
Australia and New Zealand.....	2,059	2,378	2,718	5,124	6,059	4,853	4,727
Canada and Newfoundland.....	244	267	307	543	936	( <sup>3</sup> )	( <sup>3</sup> )
Eastern Europe.....	7,513	9,740	10,405	13,135	15,702	13,099	15,175
Far East.....	5,558	5,055	7,549	9,386	10,109	44,859	45,555
Latin America.....	32,759	40,701	43,153	44,268	49,736	46,339	45,750
Near East.....	10,447	5,974	7,017	13,795	16,239	12,653	12,135
Western Europe.....	236,258	219,334	318,644	322,097	339,024	236,624	158,213
Western Europe tour.....						171,352	287,942
World tour.....						22,093	6,939
<b>Means of travel:</b>							
Air.....	96,565	103,771	148,230	172,603	194,923	198,631	268,959
Automobile.....	1,768	2,376	2,305	2,823	2,719	( <sup>4</sup> )	( <sup>4</sup> )
Ship.....	200,800	183,368	243,092	241,219	253,065	300,803	274,554
Train.....	532	692	1,710	1,525	1,342	( <sup>4</sup> )	( <sup>4</sup> )
Other or not stated.....						59,632	42,781
<b>Sex and citizenship:</b>							
Male.....	155,595	150,458	214,896	217,343	236,905	<sup>5</sup> 320,108	<sup>5</sup> 381,465
Female.....	144,070	130,949	180,441	200,327	215,144	<sup>5</sup> 412,846	<sup>5</sup> 412,021
Native.....	174,723	181,055	257,117	268,989	292,138	415,943	425,745
Naturalized.....	124,942	109,352	138,220	149,181	159,911	143,123	160,249

<sup>1</sup> 1955 total, 523,009; detail not available.

<sup>2</sup> Beginning 1956, data not comparable with prior years due to changes in classification.

<sup>3</sup> Not available.

<sup>4</sup> Included in "Other."

<sup>5</sup> Number of travelers, not passports.

Source: Department of Commerce, Bureau of Foreign Commerce; *U. S. Participation in International Travel*. (Based on Department of State data.)

## **No. 117.—FOREIGN TRAVEL BY U. S. RESIDENTS, BY COUNTRY AND REGION: 1929 TO 1956**

[Money figures in millions of dollars; travelers in thousands. Oversea travel encompasses all areas of the world outside the United States, except Canada and Mexico]

ITEM AND COUNTRY	1929	1937	1947	1950	1952	1953	1954	1955	1956
<b>ALL TRAVEL</b>									
<b>Total expenditures<sup>1</sup></b> .....	483	348	548	727	811	895	1,009	1,155	1,275
Canada.....	178	156	241	261	287	282	284	308	316
Mexico.....	36	44	115	145	180	192	233	260	279
Europe and Mediterranean.....	213	97	107	225	256	306	300	427	473
Bermuda, West Indies, and Central America.....	37	35	55	60	78	76	87	107	134
South America.....	5	4	8	22	25	20	22	20	29
Other countries.....	14	12	22	13	15	20	23	33	44
<b>OVERSEA TRAVEL</b>									
<b>Number of travelers</b> .....	517	435	435	676	773	827	912	1,075	1,239
Europe and Mediterranean.....	350	248	149	302	332	376	420	482	521
Bermuda, West Indies, and Central America.....	136	153	245	323	382	306	432	522	631
South America.....	8	9	27	38	40	33	36	34	42
Other overseas countries.....	23	24	14	13	19	22	24	37	45
<b>Payments to carriers</b> .....	210	124	148	268	354	377	392	459	539
United States flag.....	42	27	91	123	179	198	209	258	301
Foreign flag.....	168	97	57	145	175	179	183	201	238

<sup>1</sup> Excludes fare payments to United States- and foreign-flag carriers, fare payments of emigrants, travel expenditures of the Armed Forces, Government employees and their dependents, and persons employed in foreign countries.

Source: Department of Commerce, Bureau of Foreign Commerce; *U. S. Participation in International Travel*. (Based on Office of Business Economics data.)

# **No. 118.—PASSENGERS ARRIVING AND DEPARTING, BY COUNTRY, FLAG OF CARRIER, MODE OF TRAVEL, AND CITIZENSHIP: 1950 TO 1957**

[For years ending June 30. Compiled from passenger manifests or lists and excludes travel between U. S. ports and contiguous foreign territory, crewmen, military personnel, traffic between the U. S. and its possessions, and cruise travelers]

COUNTRY, FLAG, ETC.	1950	1952	1953	1954	1955	1956	1957
<b>Passengers arriving</b> .....	<b>1,182,152</b>	<b>1,433,010</b>	<b>1,486,440</b>	<b>1,612,767</b>	<b>1,839,156</b>	<b>2,071,130</b>	<b>2,338,768</b>
Europe.....	588,204	653,341	648,303	721,774	811,447	949,548	1,048,574
Asia <sup>1</sup> .....	50,077	83,295	88,602	107,598	135,473	129,993	147,625
Africa.....	5,192	7,836	9,772	7,433	11,099	11,471	10,949
Oceania <sup>1</sup> .....	18,640	8,625	8,650	22,240	34,046	37,397	50,853
Canada and Newfoundland.....	34,585	45,107	57,995	69,254	70,191	38,724	36,942
Greenland.....	108	5,304	5,269	4,609	1,960	1,619	2,274
Mexico.....	4,325	25,252	21,429	16,347	28,963	30,074	31,666
West Indies.....	362,829	460,252	491,463	511,403	577,357	687,689	801,568
Central America.....	50,766	53,194	57,825	57,801	64,740	72,992	81,278
South America.....	57,426	90,804	97,072	94,368	103,880	111,623	127,039
Flag: U. S. ....	749,754	841,885	837,198	906,900	1,046,832	1,164,491	1,256,128
Foreign.....	432,398	591,125	649,242	705,807	792,324	906,639	1,082,640
By sea.....	601,543	622,705	576,388	606,670	661,610	664,037	682,670
By air.....	580,609	810,305	910,052	1,006,097	1,177,546	1,407,093	1,656,098
Aliens.....	530,209	635,002	565,056	603,264	671,563	790,020	973,693
Citizens.....	651,943	797,108	921,384	1,009,503	1,167,593	1,281,110	1,365,075
<b>Passengers departing</b> .....	<b>981,124</b>	<b>1,198,503</b>	<b>1,340,295</b>	<b>1,411,963</b>	<b>1,582,755</b>	<b>1,813,498</b>	<b>1,976,715</b>
Europe.....	432,800	486,086	600,242	641,541	702,594	784,825	812,015
Asia <sup>1</sup> .....	46,202	65,173	73,487	78,230	86,274	106,643	126,867
Africa.....	6,011	12,009	11,726	11,579	13,501	11,968	12,042
Oceania <sup>1</sup> .....	19,402	9,714	8,613	18,745	24,776	35,191	41,578
Canada and Newfoundland.....	12,807	24,854	22,645	23,508	16,341	15,420	18,606
Greenland.....	176	5,706	4,995	2,140	3,327	2,260	1,658
Mexico.....	4,530	21,255	20,647	17,210	33,685	36,814	40,644
West Indies.....	352,195	440,623	459,079	482,335	546,142	645,450	728,086
Central America.....	38,466	44,328	49,177	47,121	53,776	62,759	71,793
South America.....	68,475	88,755	89,684	89,554	102,339	112,168	124,456
Flag: U. S. ....	577,358	690,107	780,560	794,935	900,034	1,012,859	1,052,910
Foreign.....	403,766	508,396	559,735	617,028	682,721	800,639	923,805
By sea.....	467,105	479,467	535,729	565,338	554,491	577,652	580,017
By air.....	514,019	719,036	804,566	846,625	1,028,264	1,235,846	1,396,698
Aliens.....	329,529	385,859	416,735	442,742	488,042	540,982	574,608
Citizens.....	651,595	812,644	923,560	969,221	1,094,713	1,272,516	1,402,107

<sup>1</sup> Philippines included in Asia beginning 1952; previously included in Oceania (Pacific).

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

# **No. 119.—ALIENS NATURALIZED, BY TYPE OF LEGAL QUALIFICATION OR PROVISION: 1945 TO 1957**

[For years ending June 30]

NATURALIZATION PROVISION	1945	1950	1952	1953	1954	1955	1956	1957
<b>Total naturalized</b> .....	<b>231,402</b>	<b>66,346</b>	<b>88,655</b>	<b>92,051</b>	<b>117,831</b>	<b>209,526</b>	<b>145,855</b>	<b>138,043</b>
Under general naturalization provisions.....	137,729	10,403	26,920	46,793	86,166	173,954	117,161	114,827
Married to U. S. citizens.....	69,526	40,684	58,027	42,088	15,977	20,460	18,224	18,212
Children of U. S. citizens.....	182	499	760	698	1,208	2,600	2,865	3,779
Filipinos <sup>1</sup> .....		1,843	722	429	74	22	11	6
Military.....	22,695	2,067	1,585	1,575	13,745	11,958	7,204	845
Other.....	1,270	1,850	641	468	661	532	420	374

<sup>1</sup> With U. S. residence commencing prior to May 1, 1934.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

# **NO. 120.—ALIENS NATURALIZED, BY MILITARY OR CIVILIAN STATUS, AND PETITIONS FILED AND DENIED: 1907 TO 1957**

[For years ending June 30. No national data compiled prior to fiscal year 1907. See also *Historical Statistics, 1789-1945*, series B 337-339]

PERIOD OR YEAR	Declara- tions filed <sup>1</sup>	Petitions filed <sup>2</sup>	Petitions denied	ALIENS NATURALIZED <sup>3</sup>		
				Total	Civilian	Military
<b>Total, 1907-1957</b> .....	<b>8,487,260</b>	<b>7,881,202</b>	<b>432,922</b>	<b>7,366,094</b>	<b>6,858,011</b>	<b>508,083</b>
1907-1910 <sup>4</sup> .....	526,322	164,036	17,702	111,738	111,738	-----
1911-1915.....	1,004,539	496,655	56,367	406,547	406,547	-----
1916-1920.....	1,682,370	884,729	62,358	722,425	478,125	244,300
1921-1925.....	1,575,809	862,715	106,878	799,790	755,407	44,383
1926-1930.....	1,133,205	1,021,562	68,615	973,395	961,572	11,823
1931-1935.....	535,206	637,068	21,593	626,072	619,049	7,023
1936-1940.....	884,213	999,445	24,199	892,392	879,524	12,868
1941-1945.....	635,146	<sup>5</sup> 1,520,058	46,852	<sup>5</sup> 1,539,972	<sup>5</sup> 1,427,441	<sup>5</sup> 112,531
1946-1950.....	285,138	<sup>5</sup> 418,013	17,962	<sup>5</sup> 447,056	409,788	<sup>5</sup> 37,268
1951-1955.....	246,471	<sup>5</sup> 598,078	13,513	<sup>5</sup> 562,779	532,941	<sup>5</sup> 29,838
1945.....	31,195	<sup>5</sup> 195,917	9,782	<sup>5</sup> 231,402	208,707	<sup>5</sup> 22,695
1946.....	28,787	<sup>5</sup> 123,864	6,575	<sup>5</sup> 150,062	134,849	<sup>5</sup> 15,213
1947.....	37,771	<sup>5</sup> 88,802	3,953	<sup>5</sup> 93,904	77,442	<sup>5</sup> 16,462
1948.....	60,187	68,265	2,887	70,150	69,080	1,070
1949.....	64,866	71,044	2,271	66,594	64,138	2,456
1950.....	93,527	66,038	2,276	66,346	64,279	2,067
1951.....	91,497	61,634	2,395	45,716	53,741	975
1952.....	111,461	94,086	2,163	88,655	87,070	1,585
1953.....	23,558	98,128	2,300	92,051	90,476	1,575
1954.....	9,100	<sup>5</sup> 130,722	2,084	<sup>5</sup> 117,831	104,086	<sup>5</sup> 13,745
1955.....	10,855	<sup>5</sup> 213,508	4,571	<sup>5</sup> 209,526	197,568	<sup>5</sup> 11,958
1956.....	12,870	<sup>5</sup> 137,701	3,935	<sup>5</sup> 145,885	138,681	<sup>5</sup> 7,204
1957.....	15,911	140,547	2,948	138,043	137,198	845

<sup>1</sup> Declaration of intention to become citizen. <sup>2</sup> Petition for naturalization.

<sup>3</sup> Certificates of naturalization issued. <sup>4</sup> Beginning Sept. 27, 1906.

<sup>5</sup> Includes aliens serving in U. S. Armed Forces who were naturalized overseas.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

## **NO. 121.—ALIENS NATURALIZED, BY AGE AND SEX: 1945 TO 1957**

[For years ending June 30. See also *Historical Statistics, 1789-1945*, series B 339-341]

AGE AND SEX	1945 <sup>1</sup>	1950	1952	1953	1954	1955	1956	1957
<b>Total</b> .....	<b>225,736</b>	<b>66,346</b>	<b>88,655</b>	<b>92,051</b>	<b>117,831</b>	<b>209,526</b>	<b>145,885</b>	<b>138,043</b>
Under 21 years.....	1,669	1,003	1,052	1,206	3,787	7,839	8,771	9,210
21 to 25 years.....	8,246	7,742	9,785	8,927	14,810	17,635	13,329	10,646
26 to 35 years.....	26,442	13,925	23,629	25,898	27,859	55,097	42,714	41,864
36 to 45 years.....	54,375	14,679	17,491	18,382	18,726	40,375	27,901	29,516
46 to 55 years.....	64,987	15,176	18,880	18,658	23,234	40,062	25,285	23,254
56 to 65 years.....	50,273	10,071	12,655	13,450	19,637	31,846	17,786	16,379
66 years and over.....	19,744	3,750	5,163	5,590	9,778	10,072	8,743	7,083
Not reported.....							1,846	91
<b>Male</b> .....	<b>111,059</b>	<b>25,745</b>	<b>28,597</b>	<b>34,657</b>	<b>54,477</b>	<b>95,850</b>	<b>64,962</b>	<b>60,289</b>
Under 21 years.....	1,579	871	405	496	2,343	4,252	4,737	4,670
21 to 25 years.....	4,115	1,732	1,890	2,804	10,133	9,540	5,999	3,513
26 to 35 years.....	11,859	4,401	6,199	8,884	11,917	23,288	16,404	16,004
36 to 45 years.....	24,549	6,399	6,424	7,736	8,095	19,958	13,712	14,807
46 to 55 years.....	30,558	6,485	6,852	7,263	9,423	17,512	11,495	10,820
56 to 65 years.....	27,613	4,523	4,636	5,113	7,707	13,079	7,474	6,867
66 years and over.....	10,786	1,834	2,191	2,361	4,859	8,221	4,580	3,562
Not reported.....							591	46
<b>Female</b> .....	<b>114,677</b>	<b>40,601</b>	<b>60,058</b>	<b>57,394</b>	<b>63,354</b>	<b>113,676</b>	<b>80,923</b>	<b>77,754</b>
Under 21 years.....	90	632	647	710	1,444	3,587	4,034	4,540
21 to 25 years.....	4,131	6,010	7,895	6,123	4,677	8,095	7,330	7,133
26 to 35 years.....	14,583	9,524	17,430	17,014	15,942	32,409	26,310	25,860
36 to 45 years.....	29,826	8,280	11,067	10,646	10,631	20,417	14,189	14,709
46 to 55 years.....	34,429	8,691	12,028	11,395	13,811	22,550	13,830	12,434
56 to 65 years.....	22,660	5,548	8,019	8,337	11,930	18,767	10,312	9,512
66 years and over.....	8,958	1,916	2,972	3,169	4,919	7,851	4,163	3,521
Not reported.....							755	45

<sup>1</sup> Excludes 5,666 members of the Armed Forces naturalized overseas.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

# No. 122.—ALIENS NATURALIZED, BY STATES AND OTHER AREAS OF RESIDENCE: 1950 TO 1957

[For years ending June 30]

STATE OF RESIDENCE	1950	1955	1956	1957	STATE OF RESIDENCE	1950	1955	1956	1957
<b>Total</b> .....	66,346	209,526	145,885	138,043	Nevada.....	68	255	150	264
Alabama.....	140	574	379	284	New Hampshire.....	318	722	489	391
Arizona.....	341	621	420	322	New Jersey.....	3,742	14,164	9,014	10,055
Arkansas.....	44	176	192	142	New Mexico.....	125	353	445	307
California.....	9,488	36,358	21,194	18,991	New York.....	20,499	61,677	37,612	35,432
Colorado.....	358	1,086	1,301	1,384	North Carolina.....	188	661	681	452
Connecticut.....	1,753	6,294	3,338	3,620	North Dakota.....	93	286	158	353
Delaware.....	90	334	218	305	Ohio.....	2,254	7,156	5,306	6,630
Dist. of Columbia.....	466	1,152	1,013	1,017	Oklahoma.....	160	281	521	359
Florida.....	957	3,028	2,548	2,345	Oregon.....	451	1,527	1,044	894
Georgia.....	200	696	858	682	Pennsylvania.....	2,443	8,767	5,843	6,147
Idaho.....	85	291	192	194	Rhode Island.....	521	1,467	844	720
Illinois.....	3,367	10,394	11,205	10,010	South Carolina.....	93	262	256	242
Indiana.....	577	1,930	1,653	2,164	South Dakota.....	89	191	285	223
Iowa.....	329	627	971	378	Tennessee.....	106	448	473	327
Kansas.....	198	714	738	522	Texas.....	1,353	5,075	4,782	3,835
Kentucky.....	198	505	979	634	Utah.....	125	973	671	509
Louisiana.....	245	713	462	514	Vermont.....	232	542	242	281
Maine.....	475	992	524	479	Virginia.....	413	1,133	1,303	1,313
Maryland.....	489	2,260	2,002	1,832	Washington.....	1,176	2,855	2,370	2,082
Massachusetts.....	4,861	11,692	6,293	5,889	West Virginia.....	175	493	322	205
Michigan.....	3,475	9,146	6,750	6,778	Wisconsin.....	623	2,182	2,075	1,286
Minnesota.....	567	1,811	1,935	1,944	Wyoming.....	69	66	234	131
Mississippi.....	60	198	173	113	Alaska.....	95	370	445	288
Missouri.....	502	1,831	1,303	1,116	Hawaii.....	1,087	2,741	1,865	1,287
Montana.....	166	348	310	322	Puerto Rico.....	55	168	171	140
Nebraska.....	156	521	917	711	Virgin Islands.....	62	104	49	83
					All other.....	144	415	367	215

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

# No. 123.—ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1950 TO 1957

[For years ending June 30. See also *Historical Statistics, 1789-1945*, series B 339, B 342-349]

NATIONALITY	1950	1955	1956	1957	NATIONALITY	1950	1955	1956	1957
<b>All countries</b> .....	66,346	209,526	145,885	138,043	<b>Europe—Continued</b>				
<b>Europe</b> .....	50,838	155,560	110,586	107,353	Sweden.....	879	1,835	1,056	905
Albania.....	65	236	117	103	Switzerland.....	373	1,453	939	837
Austria.....	1,162	3,067	2,332	2,319	Turkey.....	352	762	552	509
Belgium.....	654	1,112	719	653	U. S. S. R.....	2,122	8,627	7,771	6,993
British Empire <sup>1</sup> .....	12,829	22,974	13,600	13,210	Yugoslavia.....	770	3,680	4,681	4,647
Bulgaria.....	59	149	143	209	Other Europe.....	118	366	242	274
Czechoslovakia.....	1,276	5,890	3,174	2,739	<b>Asia</b> .....	4,802	16,000	10,412	7,548
Denmark.....	515	1,226	899	777	China.....	903	3,527	2,330	1,491
Estonia.....	139	1,773	1,846	1,432	Israel.....	93	279	466	405
Finland.....	437	872	519	460	Lebanon.....	133	415	327	246
France.....	1,867	3,320	2,406	2,357	Syria.....	192	301	192	138
Germany.....	6,065	17,842	16,230	17,445	Philippine Islands.....	3,257	2,686	2,056	1,695
Greece.....	1,667	3,785	2,550	4,791	Other Asia.....	284	8,792	5,041	3,673
Hungary.....	850	4,292	3,513	3,924	<b>North America</b> .....	9,043	30,688	20,205	18,060
Ireland.....	1,451	9,116	4,832	3,624	Canada.....	5,882	18,151	11,539	10,891
Italy.....	8,743	16,128	9,549	9,056	Mexico.....	2,323	10,166	6,958	5,541
Latvia.....	186	3,057	4,988	4,482	West Indies.....	838	2,371	1,708	1,628
Lithuania.....	482	5,324	3,572	2,391	<b>Central America</b> .....	502	1,485	1,158	882
Netherlands.....	872	2,979	2,229	2,060	South America.....	470	1,299	971	926
Norway.....	379	2,024	1,844	1,283	Australia.....	(2)	620	451	396
Poland.....	3,798	77,277	17,255	16,582	Africa.....	86	236	177	210
Portugal.....	1,666	2,502	1,240	981	U. S. possessions.....	19	170	184	135
Rumania.....	523	2,231	1,626	1,586	Stateless and other.....	586	3,468	1,741	2,528
Spain.....	614	1,152	661	664					

<sup>1</sup> Represents United Kingdom and British colonies and dependencies. For 1950, also includes Australia.<sup>2</sup> Included in British Empire.Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.



## Section 4

### Education

Statistics in this section relate to the level, extent, personnel, and finances of formal education in the United States. The principal sources of these data are the Decennial Census of Population (see text, p. 1) and the Biennial Survey of Education conducted by the U. S. Office of Education. Other statistical studies of the U. S. Office of Education, publications of the National Education Association, annual or biennial reports of the individual State agencies which have jurisdiction over education, and the Current Population Survey conducted by the Bureau of the Census (see text, p. 2) are the additional regular sources of data in the field of education.

State laws vary concerning the compulsory school attendance of children. However, most State laws require that formal schooling begin at 7 years of age and extend until 16 years of age.

Data on school enrollment are available from the Decennial Census of Population since the Census of 1840 and on educational attainment from the same source for 1940 and 1950. The Current Population Survey of the Bureau of the Census has reported on school enrollment annually beginning in 1945, and on educational attainment periodically beginning in 1947. The Reports of the Biennial Survey of Education include a variety of information presented in much detail for each school level (kindergarten, elementary, secondary, and college). The Office of Education also issues annually the *Digest of Annual Reports of State Boards for Vocational Education*.

**Enrollment and attainment.**—School enrollment statistics, particularly those of the Bureau of the Census, are based on attendance or enrollment in any school (or college) within a given period. Attainment statistics are based on the last full grade completed by a student. A school as defined in this respect by the Bureau of the Census is any public, private, or parochial school, college or university, but excludes nursery schools or, generally, vocational, trade, business, or correspondence schools; kindergartens were also excluded until October 1950.

The median year of school completed is defined as the year which divides the population into equal parts—one-half completing more, the other half completing less, schooling than the median. In the presentation of median year of school completed, the completion of the first year of high school is uniformly indicated by 9 and of the first year of college by 13, although a few areas have only 7 years of elementary school.

**Schools.**—The school data shown here from the Biennial Survey of Education are reasonably complete for the types of education covered, but do not include figures for private schools of art, music, drama, etc., for private, commercial, trade, and vocational schools, or private correspondence schools.

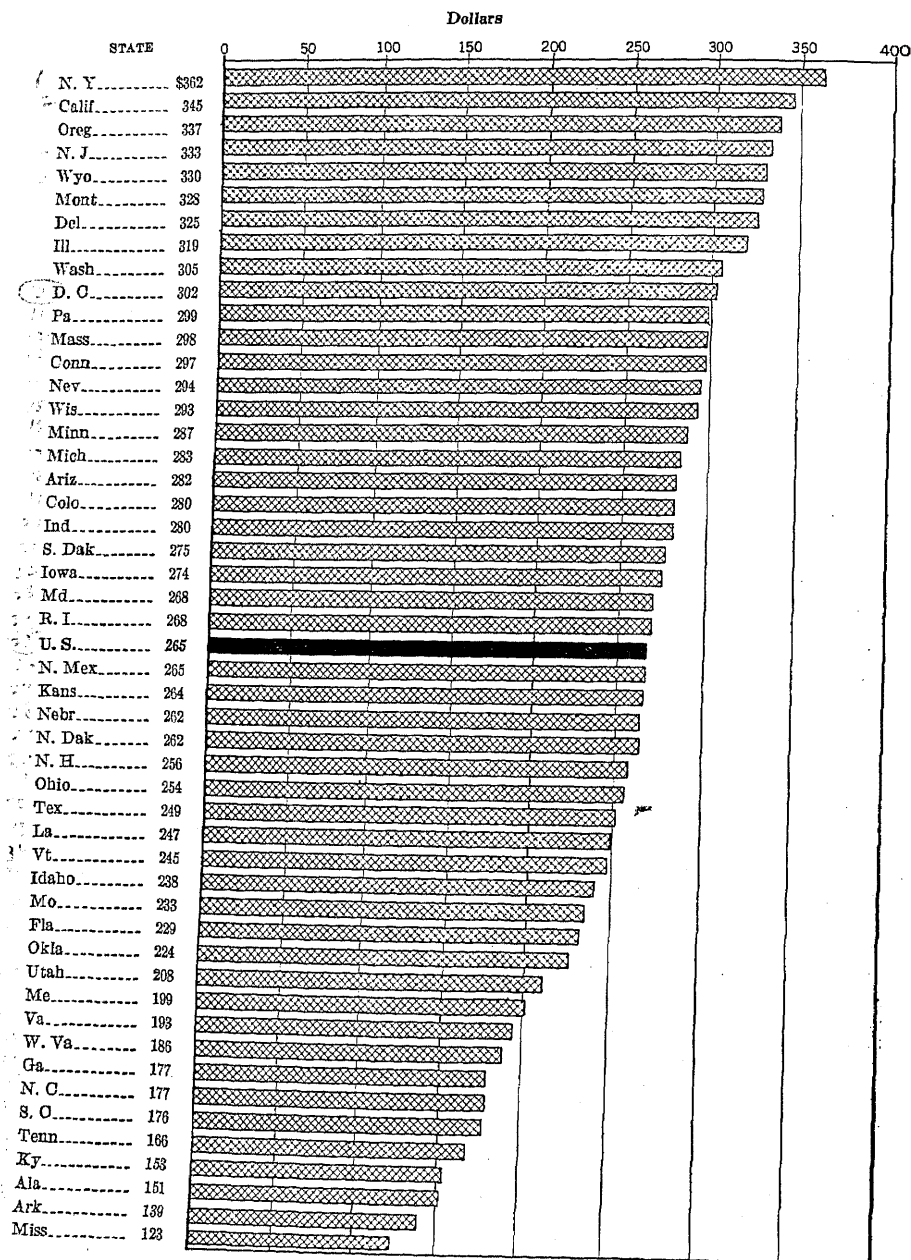
The comparability of elementary school or secondary school data over a period of years was invalidated by the introduction of the junior high school which includes the 7th and 8th grades of the traditional elementary school and the 9th grade of regular high school. A comparable time series utilizing these data is possible only on the strict basis of grade enrollment, grades 1 through 8 as elementary and grades 9 through 12 as secondary.

**Office of Education data in this section relate to school terms or academic years; except as noted, the year shown refers to the period beginning in September of the prior year and extending to June of the year indicated.**

*Note.*—This section presents data for the most recent year or period available on March 3, 1958, when the material was organized and sent to the printer.

FIG. IX.—CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1954

[See table 146]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, Office of Education.

No. 124.—SCHOOL ENROLLMENT BY SINGLE YEARS OF AGE FROM 5 TO 20, BY SEX:  
1920 TO 1950

[Statistics for 1940 and 1950 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 2 prior censuses, school enrollment question not restricted as to type of school or college. In 1950, question referred to period between Feb. 1 and Apr. 1, 1950; in 1940, to period between Mar. 1 and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920, to period between preceding Sept. 1 and Jan. 1. Figures for 1950 based on 20-percent sample.]

AGE AND SEX	1920		1930		1940		1950	
	Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
<b>TOTAL</b>								
5 to 20 years old.....	21,373,976	64.3	26,849,639	69.9	26,293,224	70.8	27,088,055	72.7
5 years old.....	441,411	18.8	500,734	20.0	885,160	18.0	1,284,025	10.5
6 years old.....	1,480,714	63.3	1,667,486	66.3	1,420,051	69.1	1,874,620	67.0
7 years old.....	1,905,404	83.3	2,207,331	89.4	1,935,819	92.4	2,670,295	94.4
8 years old.....	2,010,894	88.5	2,451,048	94.1	2,089,528	94.8	2,448,490	95.6
9 years old.....	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6	2,257,985	96.1
10 years old.....	2,077,965	93.0	2,427,254	97.1	2,209,240	95.7	2,228,955	96.0
11 years old.....	1,970,255	93.9	2,260,735	97.5	2,125,664	95.9	2,145,630	96.3
12 years old.....	2,082,749	93.2	2,408,623	97.1	2,315,270	95.5	2,204,840	95.9
13 years old.....	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8	2,099,085	95.9
14 years old.....	1,766,784	86.3	2,212,825	92.9	2,224,670	92.5	2,025,730	94.8
15 years old.....	1,357,745	72.9	1,943,553	84.7	2,122,995	87.6	1,945,790	91.4
16 years old.....	1,001,701	50.8	1,569,839	66.3	1,897,179	76.2	1,682,200	80.9
17 years old.....	642,360	34.6	1,100,018	47.9	1,464,027	60.9	1,426,930	68.2
18 years old.....	413,619	21.7	723,524	30.7	940,105	36.4	867,695	39.8
19 years old.....	252,680	13.8	441,814	19.8	509,380	20.9	533,025	24.7
20 years old.....	148,352	8.3	291,446	13.1	294,962	12.5	302,160	17.9
<b>MALE</b>								
5 to 20 years old.....	10,663,547	64.1	13,521,768	70.2	13,313,771	71.2	13,793,135	73.4
5 years old.....	217,446	18.3	247,739	19.5	190,842	17.5	140,735	10.2
6 years old.....	739,300	62.8	832,088	65.5	710,625	68.2	944,440	66.9
7 years old.....	959,128	83.1	1,111,729	89.0	975,904	92.2	1,354,195	94.2
8 years old.....	1,011,606	88.3	1,234,410	94.0	1,057,382	94.7	1,243,500	95.6
9 years old.....	982,227	90.3	1,217,161	95.4	1,062,888	95.5	1,146,275	96.0
10 years old.....	1,048,389	92.9	1,226,457	96.9	1,121,202	95.6	1,131,075	95.9
11 years old.....	989,744	93.8	1,136,412	97.4	1,071,248	95.8	1,090,870	96.1
12 years old.....	1,052,583	93.0	1,222,203	96.9	1,176,278	95.3	1,119,490	95.6
13 years old.....	941,325	92.4	1,126,382	96.4	1,142,178	94.6	1,064,170	95.7
14 years old.....	890,571	86.2	1,120,653	92.9	1,122,703	92.2	1,031,800	94.7
15 years old.....	665,948	71.9	979,070	84.8	1,067,177	87.3	986,610	91.5
16 years old.....	470,433	48.2	777,585	65.8	945,009	75.7	849,510	80.6
17 years old.....	297,100	32.1	544,739	47.1	734,581	60.5	716,155	67.9
18 years old.....	192,481	20.5	359,527	31.1	488,650	38.1	458,380	42.4
19 years old.....	127,011	14.0	229,899	20.8	281,123	23.2	292,600	27.8
20 years old.....	78,355	9.3	155,714	14.6	166,081	14.4	223,150	21.2
<b>FEMALE</b>								
5 to 20 years old.....	10,710,429	64.5	13,327,871	69.7	12,979,453	70.4	13,294,920	72.0
5 years old.....	223,965	19.3	252,995	20.5	194,318	18.4	143,890	10.8
6 years old.....	741,414	63.9	835,398	67.1	709,526	70.1	930,180	68.2
7 years old.....	946,276	83.5	1,095,602	89.7	959,915	92.7	1,316,100	94.5
8 years old.....	999,388	88.6	1,216,638	94.3	1,032,146	95.0	1,204,900	95.7
9 years old.....	962,087	90.5	1,184,195	95.7	1,030,791	95.7	1,111,710	96.2
10 years old.....	1,029,576	93.2	1,200,797	97.2	1,088,038	95.8	1,097,880	96.2
11 years old.....	980,511	94.1	1,124,323	97.6	1,054,416	96.0	1,054,760	96.4
12 years old.....	1,030,166	93.4	1,186,420	97.3	1,138,992	95.7	1,085,350	96.3
13 years old.....	936,104	92.7	1,115,671	96.7	1,123,317	95.1	1,034,915	96.0
14 years old.....	876,213	86.5	1,092,172	92.9	1,101,967	92.8	993,840	94.9
15 years old.....	691,397	73.9	964,483	84.5	1,055,818	88.0	959,180	91.2
16 years old.....	531,268	53.3	792,254	66.8	952,170	76.8	832,600	81.1
17 years old.....	345,260	37.2	555,279	48.8	729,446	61.3	710,775	68.4
18 years old.....	221,138	22.8	363,997	30.3	451,455	34.7	409,315	37.2
19 years old.....	125,669	13.6	211,915	18.8	228,257	18.7	240,425	21.8
20 years old.....	69,997	7.5	135,732	11.7	128,881	10.6	169,010	14.9

<sup>1</sup> Excludes kindergarten enrollment, largely included in earlier enrollment figures.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part I.

# No. 125.—SCHOOL ENROLLMENT, BY AGE AND SEX: 1950, 1956, AND 1957

[In thousands. As of October. Data relate to civilian noninstitutional population and are based on Current Population Survey; see Technical Note, p. 201. Figures on children 5 and 6 years old enrolled in school include those enrolled in kindergarten]

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
<b>1950</b>									
<b>Total, 5 to 34.....</b>	<b>68,570</b>	<b>130,276</b>	<b>144.2</b>	<b>33,355</b>	<b>115,834</b>	<b>147.5</b>	<b>35,215</b>	<b>114,442</b>	<b>141.0</b>
5 years.....	2,726	1,410	51.7	1,390	717	51.6	1,336	693	51.9
6 years.....	2,731	2,649	97.0	1,390	1,336	96.1	1,341	1,313	97.9
7 to 9 years.....	7,891	7,803	98.9	4,012	3,963	98.8	3,879	3,840	99.0
10 to 13 years.....	8,982	8,852	98.6	4,565	4,500	98.7	4,417	4,346	98.4
14 to 17 years.....	8,351	6,953	83.3	4,200	3,541	84.3	4,151	3,412	82.2
18 and 19 years.....	4,041	1,190	29.4	1,893	667	35.2	2,148	523	24.3
20 to 24 years.....	10,677	959	9.0	4,873	692	14.2	5,804	267	4.6
25 to 29 years.....	11,861	358	3.0	5,623	332	5.9	6,238	26	0.4
30 to 34 years.....	11,310	1100	10.9	5,409	179	1.5	5,901	121	10.4
<b>1956</b>									
<b>Total, 5 to 34.....</b>	<b>75,174</b>	<b>39,353</b>	<b>52.3</b>	<b>36,532</b>	<b>20,552</b>	<b>56.3</b>	<b>38,642</b>	<b>18,801</b>	<b>48.7</b>
5 years.....	3,665	2,160	58.9	1,870	1,089	58.2	1,795	1,071	59.7
6 years.....	3,544	3,573	97.0	1,810	1,750	96.7	1,734	1,687	97.3
7 to 9 years.....	10,779	10,710	99.4	5,507	5,465	99.2	5,272	5,245	99.5
10 to 13 years.....	11,326	11,236	99.2	5,768	5,714	99.1	5,558	5,522	99.4
14 to 17 years.....	9,540	8,413	88.2	4,800	4,275	89.1	4,740	4,138	87.3
18 to 19 years.....	3,978	1,407	35.4	1,793	809	45.1	2,185	598	27.4
20 to 24 years.....	9,328	1,192	12.8	4,028	830	20.6	5,300	362	6.8
25 to 29 years.....	11,025	566	5.1	5,235	466	8.9	5,790	100	1.7
30 to 34 years.....	11,969	232	1.9	5,721	154	2.7	6,268	78	1.2
<b>1957</b>									
<b>Total, 5 to 34.....</b>	<b>76,754</b>	<b>41,166</b>	<b>53.6</b>	<b>37,420</b>	<b>21,509</b>	<b>57.5</b>	<b>39,334</b>	<b>19,657</b>	<b>50.0</b>
5 years.....	3,748	2,256	60.2	1,915	1,148	59.9	1,833	1,108	60.4
6 years.....	3,668	3,573	97.4	1,871	1,815	97.0	1,797	1,758	97.8
7 to 9 years.....	10,606	10,553	99.5	5,416	5,383	99.4	5,190	5,170	99.6
10 to 13 years.....	12,209	12,152	99.5	6,226	6,201	99.6	5,983	5,951	99.5
14 to 17 years.....	10,134	9,067	89.5	5,101	4,646	91.1	5,033	4,421	87.8
18 to 19 years.....	4,042	1,409	34.9	1,802	780	43.3	2,240	629	28.1
20 to 24 years.....	9,554	1,336	14.0	4,215	897	21.3	5,339	439	8.2
25 to 29 years.....	10,883	604	5.5	5,188	493	9.5	5,695	111	1.9
30 to 34 years.....	11,910	216	1.8	5,686	146	2.6	6,224	70	1.1

<sup>1</sup> Estimated.

# No. 126.—PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1956 AND 1957

[As of October. See headnote, table 125]

AGE	1956						1957					
	Total		Male		Female		Total		Male		Female	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
<b>Total, 5 to 34 ..</b>	<b>52.5</b>	<b>51.5</b>	<b>56.5</b>	<b>54.3</b>	<b>48.6</b>	<b>49.0</b>	<b>53.7</b>	<b>53.5</b>	<b>57.7</b>	<b>55.9</b>	<b>49.8</b>	<b>51.3</b>
5 and 6 years.....	78.4	72.8	78.2	70.4	78.6	75.2	79.3	74.3	79.1	73.1	79.5	75.6
7 to 13 years.....	99.4	98.4	99.4	97.6	99.5	99.1	99.7	98.2	99.7	98.2	99.7	98.2
14 to 17 years.....	80.2	81.2	90.1	81.3	88.2	81.1	90.1	84.8	91.9	84.7	88.2	85.0
18 and 19 years.....	35.9	31.8	46.4	36.8	27.3	27.5	34.6	36.7	44.0	38.5	27.0	35.1
20 to 24 years.....	13.4	8.7	21.8	12.5	7.0	5.7	14.7	8.8	22.9	10.3	8.3	7.6
25 to 29 years.....	5.4	3.1	9.3	5.3	1.8	1.3	5.7	4.6	9.9	6.0	1.7	3.5
30 to 34 years.....	2.1	0.7	2.9	0.9	1.3	0.6	1.9	1.2	2.7	1.2	1.1	1.1

Source of tables 125 and 126: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 74 and 80, and records.

## No. 127.—ESTIMATES AND PROJECTIONS OF ELEMENTARY AND HIGH SCHOOL ENROLLMENTS, BY GRADE: 1952 TO 1965

In thousands. As of October 1. Data based on projected age-grade specific enrollment rates from the 1950 Census. Series A and B, and C imply the following assumptions regarding the projected number of births between 1953 and 1959: A and B—1953-58 reproductive level continues to at least 1950; C—1953-58 level declines to about the 1940 level by 1975. High school enrollment figures are based on projections of the population already born by July 1953; thus, only one series is shown for all years. These estimates were prepared in 1952 and differ somewhat from data for current years based on Current Population Survey shown in other tables

YEAR	Total enrollment	ELEMENTARY ENROLLMENT (EXCLUDING KINDERGARTEN)										HIGH SCHOOL ENROLLMENT			
		Total	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Total	Grade 1	Grade 2	Grade 3	Grade 4
SERIES A AND B															
1952	29,058	22,000	3,983	3,020	3,011	2,851	2,514	2,362	2,159	2,100	7,058	2,062	1,992	1,591	1,503
1953	30,569	23,347	4,718	3,164	3,009	2,907	2,691	2,499	2,224	2,135	7,222	2,107	1,953	1,625	1,537
1954	31,834	24,546	4,825	3,670	3,147	2,915	2,755	2,677	2,354	2,203	7,388	2,146	2,001	1,674	1,567
1955	33,293	25,699	4,807	3,832	3,632	3,047	2,767	2,741	2,521	2,392	7,694	2,222	2,042	1,718	1,612
1956	34,623	26,732	4,829	3,830	3,493	3,287	2,887	2,754	2,586	2,491	7,891	2,364	2,120	1,755	1,652
1957	36,024	27,707	4,962	3,888	3,845	3,686	3,293	2,873	2,599	2,561	8,317	2,536	2,262	1,829	1,690
1958	37,461	28,704	5,091	3,982	3,871	3,714	3,486	3,273	2,707	2,580	8,757	2,601	2,434	1,960	1,762
1959	38,821	29,716	5,183	4,077	3,960	3,747	3,521	3,464	3,075	2,689	9,105	2,614	2,491	2,112	1,888
SERIES C															
1960	39,970	30,548	5,148	4,144	4,060	3,830	3,554	3,502	3,260	3,050	9,422	2,733	2,503	2,157	2,029
1961	41,004	31,023	5,120	4,150	4,133	3,923	3,627	3,534	3,302	3,234	9,981	3,123	2,631	2,166	2,061
1962	41,960	31,292	5,103	4,130	4,132	3,994	3,714	3,607	3,398	3,279	10,668	3,282	3,020	2,288	2,078
1963	42,792	31,518	5,113	4,115	4,112	3,997	3,781	3,692	3,476	3,310	11,274	3,224	3,200	2,646	2,048
1964	43,552	31,725	5,131	4,120	4,099	3,979	3,788	3,759	3,476	3,373	11,827	3,277	3,216	2,788	2,060
1965	44,013	31,808	5,149	4,112	4,098	3,964	3,770	3,771	3,554	3,450	12,145	3,454	3,213	2,789	2,084
SERIES D															
1966	39,911	30,489	5,093	4,140	4,060	3,880	3,554	3,502	3,260	3,050					
1967	40,846	30,865	5,007	4,113	4,125	3,923	3,627	3,534	3,302	3,234					
1968	41,663	30,995	4,980	4,092	4,095	3,986	3,714	3,607	3,333	3,279					
1969	42,309	31,035	4,876	3,992	4,053	3,961	3,691	3,691	3,398	3,310					
1970	43,835	31,008	4,832	3,942	3,974	3,905	3,756	3,751	3,475	3,373					
1971	44,031	30,886	4,787	3,881	3,925	3,846	3,703	3,743	3,551	3,450					

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 85.

**No. 128.—PERCENT DISTRIBUTION BY TYPE OF SCHOOL, OF PERSONS ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1957**

[As of October. Percent not shown where base is less than 150,000. See headnote, table 125]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elementary school or kindergarten	High school	College or professional school	Total enrolled	Elementary school or kindergarten	High school	College or professional school
<b>Total, 5 to 34 years.</b>	100.0	69.8	22.1	8.1	100.0	76.8	19.1	4.1
5 to 13 years.....	100.0	97.8	2.2	-----	100.0	98.7	1.3	-----
14 to 17 years.....	100.0	10.1	87.9	2.0	100.0	26.7	71.9	1.4
18 to 24 years.....	100.0	0.3	14.4	85.4	100.0	4.3	49.5	46.2
25 to 34 years.....	100.0	1.3	7.1	91.6	100.0	-----	-----	-----
<b>Male, 5 to 34 years.</b>	100.0	68.5	21.3	10.2	100.0	78.2	18.2	3.6
5 to 13 years.....	100.0	98.2	1.8	-----	100.0	99.2	0.8	-----
14 to 17 years.....	100.0	12.3	86.1	1.6	100.0	31.0	67.3	1.8
18 to 24 years.....	100.0	0.3	14.1	85.5	100.0	-----	-----	-----
25 to 34 years.....	100.0	0.8	5.2	94.0	100.0	-----	-----	-----
<b>Female, 5 to 34 years.</b>	100.0	71.1	23.1	5.8	100.0	75.4	20.0	4.6
5 to 13 years.....	100.0	97.5	2.5	-----	100.0	98.2	1.8	-----
14 to 17 years.....	100.0	7.8	89.8	2.4	100.0	22.5	76.3	1.1
18 to 24 years.....	100.0	0.2	14.7	85.0	100.0	3.3	43.4	53.3
25 to 34 years.....	100.0	-----	-----	-----	100.0	-----	-----	-----

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 80.

**No. 129.—MEDIAN INCOME IN 1949, FOR MALES 25 YEARS OLD AND OVER WITH INCOME, BY AGE AND YEARS OF SCHOOL COMPLETED: 1950**

[As of April. Based on 3¼-percent sample; see source for sampling variability. Median not shown where base is less than 3,000]

AGE	Total <sup>1</sup>	MEDIAN INCOME, BY YEARS OF SCHOOL COMPLETED							
		None	Elementary			High school		College	
			1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
<b>Total 25 and over.....</b>	\$2,699	\$1,108	\$1,365	\$2,035	\$2,533	\$2,917	\$3,285	\$3,522	\$4,407
25 to 29 years.....	2,538	1,016	1,281	1,763	2,255	2,573	2,892	2,764	2,928
30 to 34 years.....	2,968	1,133	1,453	2,038	2,557	2,922	3,308	3,591	4,227
35 to 44 years.....	3,085	1,267	1,562	2,252	2,803	3,178	3,523	3,952	5,142
45 to 54 years.....	2,980	1,465	1,741	2,371	2,912	3,209	3,687	4,099	5,549
55 to 64 years.....	2,563	1,736	1,727	2,172	2,601	2,927	3,436	3,601	5,142
65 to 74 years.....	1,379	827	846	1,164	1,505	1,771	2,262	2,362	3,597
75 years and over.....	757	491	569	690	800	947	1,217	1,328	1,892

<sup>1</sup> Includes a small number for whom years of school completed was not reported.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 5B.

# No. 130.—SCHOOL ENROLLMENT BY TYPE OF SCHOOL IN WHICH ENROLLED, BY AGE AND SEX: 1950 to 1957

[In thousands. As of October. See headnote, table 125]

AGE AND SEX	Total enrolled	Elementary school and kindergarten	High school	College or professional school	Total enrolled	Elementary school and kindergarten	High school	College or professional school
	1950				1955			
<b>Total, 5 to 34 years....</b>	<b>1 30,276</b>	<b>21,406</b>	<b>1 6,656</b>	<b>1 2,214</b>	<b>37,426</b>	<b>27,086</b>	<b>7,961</b>	<b>2,379</b>
5 to 13 years.....	20,716	20,344	372	—	26,548	26,038	510	—
14 to 17 years.....	6,953	1,047	5,726	180	7,970	1,027	6,796	147
18 and 19 years.....	1,190	11	451	728	1,232	5	482	745
20 to 24 years.....	950	3	58	898	1,010	9	69	931
25 to 29 years.....	358	1	33	324	475	2	67	406
30 to 34 years.....	1100	—	1 16	1 84	192	4	37	150
<b>Male, 5 to 34 years....</b>	<b>15,834</b>	<b>11,003</b>	<b>3,335</b>	<b>1,496</b>	<b>19,573</b>	<b>13,968</b>	<b>4,026</b>	<b>1,579</b>
5 to 13 years.....	10,523	10,365	159	—	13,546	13,356	190	—
14 to 17 years.....	3,412	630	2,839	71	4,097	607	3,433	57
18 and 19 years.....	667	8	271	388	752	—	319	432
20 to 24 years.....	692	—	39	653	686	6	33	647
25 to 29 years.....	332	—	18	314	371	—	34	337
30 to 34 years.....	1 79	—	1 9	1 70	123	—	16	107
<b>Female, 5 to 34 years....</b>	<b>14,442</b>	<b>10,403</b>	<b>3,321</b>	<b>718</b>	<b>17,853</b>	<b>13,117</b>	<b>3,936</b>	<b>800</b>
5 to 13 years.....	10,193	9,979	213	—	13,004	12,683	320	—
14 to 17 years.....	3,412	417	2,887	109	3,873	420	3,363	90
18 and 19 years.....	523	3	180	340	480	5	162	313
20 to 24 years.....	267	3	19	245	324	3	36	285
25 to 29 years.....	26	1	15	10	105	2	33	69
30 to 34 years.....	1 21	—	1 7	1 14	68	4	21	43
	1956				1957			
<b>Total, 5 to 34 years....</b>	<b>39,353</b>	<b>27,927</b>	<b>8,543</b>	<b>2,883</b>	<b>41,166</b>	<b>29,072</b>	<b>8,956</b>	<b>3,138</b>
5 to 13 years.....	27,543	26,855	688	—	28,534	27,950	584	—
14 to 17 years.....	8,413	1,050	7,196	167	9,067	1,090	7,801	176
18 and 19 years.....	1,407	13	460	934	1,409	13	407	989
20 to 24 years.....	1,192	4	83	1,105	1,336	7	93	1,236
25 to 29 years.....	566	4	68	494	604	9	42	553
30 to 34 years.....	232	1	48	183	216	3	29	134
<b>Male, 5 to 34 years....</b>	<b>20,552</b>	<b>14,363</b>	<b>4,257</b>	<b>1,932</b>	<b>21,509</b>	<b>14,987</b>	<b>4,494</b>	<b>2,028</b>
5 to 13 years.....	14,018	13,718	300	—	14,547	14,300	247	—
14 to 17 years.....	4,275	631	3,567	77	4,646	667	3,902	77
18 and 19 years.....	809	9	288	512	780	6	236	538
20 to 24 years.....	830	3	46	781	897	7	63	827
25 to 29 years.....	466	1	36	429	493	4	30	459
30 to 34 years.....	154	1	20	133	146	3	16	127
<b>Female, 5 to 34 years....</b>	<b>18,801</b>	<b>13,564</b>	<b>4,286</b>	<b>951</b>	<b>19,657</b>	<b>14,085</b>	<b>4,462</b>	<b>1,110</b>
5 to 13 years.....	13,525	13,137	388	—	13,987	13,650	337	—
14 to 17 years.....	4,138	419	3,629	90	4,421	423	3,899	90
18 and 19 years.....	598	4	172	422	629	7	171	451
20 to 24 years.....	362	1	37	324	439	—	30	409
25 to 29 years.....	100	3	32	65	111	5	12	94
30 to 34 years.....	78	—	28	50	70	—	13	57

<sup>1</sup> Estimated.

# No. 131.—SCHOOL ENROLLMENT, IN PUBLIC AND PRIVATE SCHOOLS, OF PERSONS 5 TO 34 YEARS OLD: 1957

[In thousands. As of October. See headnote, table 125]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder-garten	Elementary school	High school	College or professional school	Kinder-garten	Elementary school	High school	College or professional school
<b>Total.....</b>	<b>1,824</b>	<b>27,248</b>	<b>8,956</b>	<b>3,138</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Public.....	1,471	23,076	8,059	2,054	80.6	84.7	90.0	65.5
Private.....	353	4,172	897	1,084	19.4	15.3	10.0	34.5

Source of tables 130 and 131: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and records.

**No. 132.—PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,  
BY AGE AND SEX: 1957**  
(In thousands. As of March)

AGE AND SEX	Total, 14 years and over	YEARS OF SCHOOL COMPLETED								School years not re- ported	Median school years com- pleted
		None	Elementary school			High school		College			
			1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more		
<b>Total</b> .....	119,333	2,377	6,739	14,842	20,567	25,544	30,710	8,952	7,637	1,965	10.7
14 to 17 years.....	9,877	31	150	1,850	2,569	5,122	98	16	41	9.2	
18 to 24 years.....	13,826	98	276	786	888	3,471	5,780	1,951	465	111	12.2
25 to 44 years.....	46,550	406	1,482	3,933	5,492	9,747	16,758	4,036	4,245	451	12.1
45 years and over.....	49,080	1,842	4,831	8,273	11,618	7,204	8,074	2,949	2,927	1,362	8.8
<b>Male</b> .....	57,470	1,206	3,734	7,603	10,244	12,025	12,541	4,433	4,572	1,112	10.3
14 to 17 years.....	4,981	18	97	1,082	1,296	2,432	27	8	21	9.0	
18 to 24 years.....	6,281	45	170	409	426	1,590	2,284	1,078	213	66	12.2
25 to 44 years.....	22,637	205	854	2,054	2,838	4,738	6,929	2,067	2,680	272	12.1
45 years and over.....	23,571	938	2,613	4,058	5,684	3,265	3,301	1,280	1,679	753	8.7
<b>Female</b> .....	61,863	1,171	3,005	7,239	10,323	13,519	18,169	4,519	3,065	853	10.9
14 to 17 years.....	4,896	13	53	768	1,273	2,690	71	8	20	9.4	
18 to 24 years.....	7,545	53	106	377	462	1,881	3,496	873	252	45	12.2
25 to 44 years.....	23,913	201	628	1,879	2,654	5,009	9,829	1,969	1,565	179	12.2
45 years and over.....	25,509	904	2,218	4,215	5,934	3,939	4,773	1,669	1,248	609	8.9

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

**No. 133.—PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,  
BY COLOR AND SEX: 1940 AND 1950**

(In thousands. As of April. 1950 statistics are estimates based on 20-percent sample; see source for sampling variability. Figures differ from corresponding items in table 137 because of different tabulations; see text, p. 1.)

YEAR AND SEX	Popula- tion, 25 years and over <sup>1</sup>	YEARS OF SCHOOL COMPLETED						Median school years com- pleted <sup>3</sup>	
		Elementary school			High school		College		
		Less than 5 years <sup>2</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years		4 years or more
1940									
Total.....	74,776	10,105	13,656	20,757	11,182	10,552	4,075	3,407	8.6
Male.....	37,463	5,550	7,008	10,631	5,333	4,507	1,824	2,021	8.6
Female.....	37,313	4,554	6,648	10,125	5,849	6,044	2,251	1,386	8.7
White.....	68,000	7,322	11,662	19,967	10,604	10,255	3,949	3,320	8.7
Male.....	34,114	4,035	6,086	10,258	5,090	4,381	1,770	1,975	8.7
Female.....	33,886	3,287	5,576	9,708	5,514	5,874	2,179	1,344	8.8
Nonwhite.....	6,776	2,782	1,994	790	578	296	127	88	5.8
Male.....	3,349	1,516	922	373	243	126	54	46	5.4
Female.....	3,427	1,267	1,072	417	335	170	72	42	6.1
1950									
Total.....	87,483	9,446	13,911	17,706	14,801	17,664	6,259	5,285	9.3
Male.....	42,628	5,053	6,994	8,822	6,976	7,511	2,903	3,027	9.0
Female.....	44,855	4,393	6,917	8,884	7,824	10,153	3,356	2,258	9.6
White.....	79,339	6,884	11,692	16,770	13,738	17,005	6,020	5,108	9.7
Male.....	38,684	3,659	5,970	8,396	6,519	7,227	2,793	2,946	9.3
Female.....	40,655	3,225	5,722	8,374	7,219	9,778	3,227	2,162	10.0
Nonwhite.....	8,145	2,562	2,219	936	1,062	659	239	177	6.9
Male.....	3,945	1,394	1,024	426	458	284	110	81	6.4
Female.....	4,200	1,168	1,195	510	605	375	129	96	7.2

<sup>1</sup> Includes 1,042,000 persons for 1940 and 2,413,000 persons for 1950, not reported by years of school completed and not shown separately in this table.

<sup>2</sup> Includes persons reporting no school years completed.

<sup>3</sup> Medians computed on basis of more detailed years of school completed.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



**No. 134.—CUMULATIVE LEVEL OF SCHOOLING COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY COLOR, MARITAL STATUS, AND SEX: 1957**

[As of March. See headnote, table 125]

COLOR, MARITAL STATUS, AND SEX	Total population, 25 years and over (1,000)	PERCENT BY LEVEL OF SCHOOLING COMPLETED					
		Total	Completed less than 8 years of elementary school	Completed at least—			School years not reported
				8 years of elementary school	4 years of high school	4 years of college	
COLOR							
Male.....	46,208	100.0	23.2	74.6	38.8	9.4	2.2
White.....	41,938	100.0	20.1	77.9	41.1	10.1	2.0
Nonwhite.....	4,270	100.0	53.5	42.4	16.3	2.6	4.1
Female.....	49,422	100.0	20.3	78.1	42.6	5.7	1.6
White.....	44,688	100.0	17.4	81.0	45.1	6.0	1.6
Nonwhite.....	4,734	100.0	47.8	50.2	19.3	2.9	1.9
MARITAL STATUS							
Male.....	46,208	100.0	23.2	74.6	38.8	9.4	2.2
Single.....	4,792	100.0	23.1	71.9	40.8	12.7	5.0
Married.....	38,214	100.0	21.8	76.7	40.1	9.5	1.5
Widowed or divorced.....	3,202	100.0	40.2	53.4	19.9	3.9	6.4
Female.....	49,422	100.0	20.3	78.1	42.6	5.7	1.6
Single.....	3,749	100.0	15.6	81.1	55.6	16.2	3.3
Married.....	36,612	100.0	17.6	81.5	45.5	5.2	0.9
Widowed or divorced.....	9,061	100.0	33.5	63.0	25.7	3.4	3.0

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

**No. 135.—PERCENT DISTRIBUTION BY YEARS OF SCHOOL COMPLETED FOR THE LABOR FORCE 18 TO 64 YEARS OLD, BY SEX: 1940 TO 1957**

[Excludes persons for whom years of school completed was not reported. See headnote, table 125]

YEARS OF SCHOOL COMPLETED	BOTH SEXES				MALE				FEMALE			
	April 1940 <sup>1</sup>	October 1948	October 1952	March 1957	April 1940 <sup>1</sup>	October 1948	October 1952	March 1957	April 1940 <sup>1</sup>	October 1948	October 1952	March 1957
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
Elementary:												
Less than 5 years.....	8.7	7.3	6.8	5.6	9.6	7.9	7.6	6.3	6.3	5.7	5.2	3.9
5 to 8 years.....	39.4	32.4	29.5	26.2	42.7	34.0	31.6	28.2	30.4	28.6	25.1	21.9
High school:												
1 to 3 years.....	18.1	19.7	19.0	19.8	18.1	20.7	19.4	20.1	18.1	17.3	18.2	19.1
4 years.....	20.3	26.5	27.9	30.5	17.2	23.6	24.7	27.2	28.7	33.4	34.7	37.3
College:												
1 to 3 years.....	7.0	7.4	8.6	8.8	6.2	7.1	8.4	8.5	9.3	8.2	9.1	9.3
4 years or more.....	6.4	6.7	8.2	9.2	6.2	6.7	8.4	9.6	7.2	6.8	7.8	8.4
Median school years completed.....	9.3	10.6	11.2	11.8	8.8	10.2	10.7	11.3	10.2	11.7	12.0	12.1

<sup>1</sup> 1940 Census of Population figures revised for comparability with current labor force estimates.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 78.

**No. 136.—PERCENT DISTRIBUTION BY TOTAL MONEY INCOME IN 1956 OF MALES 35 TO 54 YEARS OLD WHO WERE YEAR-ROUND FULL-TIME WORKERS, BY YEARS OF SCHOOL COMPLETED: 1957**

[As of March. Based on about three-fourths of all sample households; see source. See also headnote, table 125]

TOTAL MONEY INCOME	Total	YEARS OF SCHOOL COMPLETED						Median school years completed
		Elementary school		High school		College		
		Less than 8 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
All income groups.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.8
Under \$2,000.....	12.3	29.8	14.6	8.0	5.7	7.8	3.4	8.2
\$2,000 to \$3,999.....	25.1	39.4	31.9	25.4	18.9	11.7	9.3	8.9
\$4,000 to \$5,999.....	36.7	24.1	38.4	47.3	43.1	34.6	20.3	11.1
\$6,000 to \$7,999.....	21.5	5.5	12.9	15.4	26.9	38.9	54.4	12.6
\$8,000 and over.....	4.5	1.2	2.2	3.8	5.4	7.0	12.6	12.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

# No. 137.—YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY STATES AND OTHER AREAS: 1950

[Population in thousands. Based on 20-percent sample; see source for sampling variability. These figures differ from corresponding figures in table 133 because of different tabulations; see text, p. 1. For definition of median, see p. 103]

STATE	Population 25 years old and over <sup>1</sup>	YEARS OF SCHOOL COMPLETED							MEDIAN SCHOOL YEARS COMPLETED				
		Elementary school			High school		College		All classes			White	Non-white
		Less than 5 years <sup>2</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Total	Male	Female		
Cont. U.S.	87,571	9,455	13,962	17,742	14,858	17,679	6,262	5,284	9.3	9.0	9.6	9.7	6.9
N. E.	5,675	451	750	1,082	1,061	1,416	390	380	10.4	10.1	10.6	10.4	8.7
Maine	517	34	65	114	103	131	35	25	10.2	9.5	10.8	10.2	8.5
N. H.	316	20	40	78	55	72	23	19	9.8	9.4	10.3	9.9	8.8
Vt.	212	12	24	57	40	48	18	12	10.0	9.1	10.7	10.0	9.1
Mass.	2,901	229	370	465	560	788	208	208	10.9	10.6	11.1	10.9	8.4
R. I.	479	46	85	90	97	93	26	28	9.3	9.3	9.4	9.4	8.5
Conn.	1,249	110	166	277	206	283	81	87	9.8	9.5	10.0	9.8	8.4
M. A.	18,774	1,767	2,749	4,220	3,174	3,998	1,026	1,241	9.3	9.2	9.4	9.5	8.4
N. Y.	9,437	894	1,221	2,097	1,588	2,025	551	695	9.6	9.6	9.6	9.7	8.6
N. J.	3,044	281	461	683	513	653	170	206	9.3	9.3	9.3	9.5	8.1
Pa.	6,293	591	1,067	1,440	1,074	1,319	305	340	9.0	8.9	9.1	9.0	8.2
E. N. C.	18,102	1,320	2,424	4,491	3,187	3,981	1,250	1,011	9.6	9.2	9.9	9.7	8.4
Ohio	4,745	329	653	1,081	888	1,098	321	271	9.9	9.6	10.2	10.0	8.4
Ind.	2,289	151	312	583	395	538	146	120	9.5	9.2	9.9	9.7	8.3
Ill.	5,393	421	674	1,425	880	1,135	385	313	9.3	9.1	9.5	9.5	8.5
Mich.	3,668	276	492	802	764	802	252	194	9.9	9.5	10.2	10.0	8.5
Wis.	2,006	143	293	599	270	409	146	108	8.9	8.8	9.1	8.9	8.4
W. N. C.	8,243	509	1,074	2,412	1,184	1,741	474	433	9.0	8.9	9.8	9.1	8.2
Minn.	1,725	100	223	535	230	351	150	97	9.0	8.8	9.8	9.0	8.8
Iowa	1,539	60	183	439	240	373	127	78	9.8	9.0	10.7	9.9	8.6
Mo.	2,404	204	370	700	339	437	159	119	8.8	8.8	8.9	8.9	8.0
N. Dak.	326	29	52	107	34	53	31	15	8.7	8.6	8.9	8.8	7.0
S. Dak.	357	21	43	119	46	68	36	18	8.9	8.8	8.9	8.9	8.1
Nebr.	773	38	82	212	122	191	67	39	10.1	9.3	10.8	10.1	8.8
Kans.	1,119	56	121	300	173	268	104	67	10.2	9.4	10.8	10.3	8.7
S. A.	11,359	2,017	2,752	1,379	1,892	1,602	754	673	8.6	8.3	8.8	9.2	5.9
Del.	189	18	31	82	39	39	11	14	8.3	8.4	10.2	10.4	7.2
Md.	1,362	149	318	206	222	243	82	95	9.9	8.8	9.0	9.5	6.9
D. C.	325	36	71	61	80	126	57	68	12.0	11.7	12.1	12.4	8.8
Va.	1,800	315	489	253	281	262	133	113	8.5	8.0	8.8	9.3	6.1
W. Va.	1,040	143	232	258	136	152	57	45	8.5	8.4	8.6	8.6	7.6
N. C.	2,020	425	599	182	367	191	120	102	7.9	7.6	8.2	8.6	5.9
S. C.	1,007	276	261	36	180	78	55	54	7.6	7.3	7.9	9.0	4.8
Ga.	1,778	430	476	167	303	176	108	70	7.8	7.5	8.1	8.8	4.9
Fla.	1,637	224	274	284	284	335	132	103	9.6	9.2	10.0	10.9	5.8
E. S. C.	5,942	1,204	1,387	1,038	864	778	319	229	8.3	8.1	8.5	8.7	5.7
Ky.	1,553	260	330	407	187	199	82	59	8.4	8.3	8.5	8.5	7.3
Tenn.	1,757	322	403	322	251	254	101	72	8.4	8.3	8.6	8.6	6.5
Ala.	1,559	352	416	163	261	194	78	57	7.9	7.7	8.2	8.8	5.4
Miss.	1,073	270	239	146	165	132	58	41	8.1	7.7	8.4	9.9	5.1
W. S. C.	7,871	1,404	1,612	1,044	1,438	1,179	580	429	8.8	8.6	9.0	9.3	6.0
Ark.	1,001	198	233	183	157	129	52	31	8.3	8.2	8.5	8.7	5.6
La.	1,415	406	325	135	205	161	78	67	7.6	7.4	7.9	8.8	4.6
Okla.	1,243	137	218	247	202	223	105	77	9.1	8.9	9.6	9.4	7.8
Tex.	4,213	664	836	479	874	662	345	254	9.3	8.9	9.6	9.7	7.0
Mt.	2,724	234	312	524	465	627	295	195	10.7	10.0	11.3	10.8	7.3
Mont.	336	21	40	84	51	74	36	20	10.1	9.0	11.2	10.2	8.0
Idaho	314	15	32	76	59	73	36	17	10.6	9.8	11.3	10.6	8.4
Wyo.	158	9	16	32	28	39	17	11	11.1	10.2	12.0	11.1	8.5
Colo.	757	53	84	155	123	179	81	62	10.9	10.2	11.5	10.9	9.8
N. Mex.	326	59	50	44	50	59	30	22	9.3	9.0	9.7	9.5	5.8
Ariz.	393	56	52	62	64	81	38	29	10.0	9.5	10.5	10.6	5.5
Utah	344	15	28	54	72	96	46	26	12.0	11.8	12.0	12.0	8.9
Nev.	97	7	9	16	18	26	11	7	11.5	10.8	12.0	11.7	7.4
Pac.	8,880	549	902	1,553	1,592	2,357	974	695	11.5	11.0	11.9	11.6	8.9
Wash.	1,412	66	141	294	252	370	146	102	11.2	10.5	11.8	11.3	8.8
Oreg.	910	39	91	207	168	229	93	61	10.9	10.2	11.6	10.9	8.9
Calif.	6,558	445	670	1,052	1,172	1,759	735	533	11.6	11.2	11.9	11.8	8.9
Alaska <sup>3</sup>	67	9	6	10	11	17	8	5	11.3	10.8	12.1	12.2	4.0
Hawaii	247	59	40	32	36	49	13	15	8.7	8.6	8.9	(4)	(5)
Puerto Rico <sup>3</sup>	842	546	137	58	40	80	14	15	3.7	4.1	3.3	3.8	3.4

<sup>1</sup> Includes persons for whom years of school completed was not reported, not shown separately.

<sup>2</sup> Includes persons reporting no school years completed.

<sup>3</sup> Based on complete-count data. <sup>4</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.

**No. 138.—ILLITERACY OF PERSONS 14 YEARS OLD AND OVER, BY AGE, COLOR, SEX, AND URBAN AND RURAL RESIDENCE: 1947 AND 1952**

[In thousands. As of October. Data relate to civilian noninstitutional population based on Current Population Survey. Population base was 1940 extended to survey dates; data will differ from results obtained by revised estimating procedure; see Technical Note, p. 201. Persons unable to both read and write in any language were classified as illiterate. Information on illiteracy was obtained in 1952 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. Persons completing more than that amount were classified as being literate]

AGE, SEX, AND RESIDENCE	1947					1952				
	Population	Illiterate		Percent illiterate by color		Population	Illiterate		Percent illiterate by color	
		Number	Percent	White	Non-white		Number	Percent	White	Non-white
<b>Total, 14 and over.....</b>	<b>106,428</b>	<b>2,838</b>	<b>2.7</b>	<b>1.8</b>	<b>11.0</b>	<b>110,074</b>	<b>2,780</b>	<b>2.5</b>	<b>1.8</b>	<b>10.2</b>
14 to 24 years.....	24,257	232	1.0	0.6	4.4	21,716	250	1.2	0.8	3.9
25 to 34 years.....	22,481	310	1.4	0.8	7.2	23,138	280	1.2	0.7	6.4
35 to 44 years.....	19,898	420	2.1	1.3	9.7	21,220	284	1.3	0.8	6.6
45 to 54 years.....	16,625	506	3.0	2.0	13.8	17,794	486	2.7	1.8	11.5
55 to 64 years.....	12,652	662	5.2	4.2	19.1	13,946	634	4.5	3.5	18.1
65 years and over.....	10,515	709	6.7	4.9	32.4	12,260	846	6.9	5.0	33.3
Urban.....	64,900	1,267	2.0	(1)	(1)	72,678	1,450	2.0	(1)	(1)
Rural nonfarm.....	22,026	539	2.4	(1)	(1)	22,122	464	2.1	(1)	(1)
Rural farm.....	19,501	1,032	5.3	(1)	(1)	15,274	866	5.7	(1)	(1)
<b>Male, 14 and over.....</b>	<b>51,733</b>	<b>1,557</b>	<b>3.0</b>	<b>1.9</b>	<b>14.2</b>	<b>52,144</b>	<b>1,554</b>	<b>3.0</b>	<b>2.1</b>	<b>12.7</b>
14 to 24 years.....	11,706	158	1.3	(1)	(1)	9,776	178	1.8	1.2	7.2
25 to 34 years.....	10,726	192	1.8	(1)	(1)	10,936	170	1.6	0.8	9.7
35 to 44 years.....	9,717	262	2.7	(1)	(1)	10,200	170	1.7	1.2	7.5
45 to 54 years.....	8,235	281	3.4	(1)	(1)	8,688	276	3.2	2.2	12.8
55 to 64 years.....	6,344	318	5.0	(1)	(1)	6,816	322	4.7	3.6	19.4
65 years and over.....	5,005	348	7.0	(1)	(1)	5,728	438	7.6	5.6	35.8
Urban.....	30,851	590	1.9	(1)	(1)	33,558	704	2.1	(1)	(1)
Rural nonfarm.....	10,776	309	2.9	(1)	(1)	10,650	288	2.7	(1)	(1)
Rural farm.....	10,107	659	6.5	(1)	(1)	7,936	502	7.1	(1)	(1)
<b>Female, 14 and over.....</b>	<b>54,693</b>	<b>1,280</b>	<b>2.3</b>	<b>1.7</b>	<b>8.2</b>	<b>57,930</b>	<b>1,226</b>	<b>2.1</b>	<b>1.5</b>	<b>8.2</b>
14 to 24 years.....	12,550	74	0.6	(1)	(1)	11,940	72	0.6	0.5	1.4
25 to 34 years.....	11,754	118	1.0	(1)	(1)	12,202	110	0.9	0.6	3.8
35 to 44 years.....	10,181	168	1.6	(1)	(1)	11,020	114	1.0	0.5	5.9
45 to 54 years.....	8,390	225	2.7	(1)	(1)	9,106	210	2.3	1.4	10.4
55 to 64 years.....	6,308	344	5.5	(1)	(1)	7,130	312	4.4	3.4	16.9
65 years and over.....	5,510	361	6.6	(1)	(1)	6,532	408	6.2	4.4	31.2
Urban.....	34,049	677	2.0	(1)	(1)	38,120	746	1.9	(1)	(1)
Rural nonfarm.....	11,250	230	2.0	(1)	(1)	11,472	176	1.5	(1)	(1)
Rural farm.....	9,395	373	4.0	(1)	(1)	7,338	304	4.1	(1)	(1)

1 Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 45.

**No. 139.—PERCENT ILLITERATE FOR PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, COLOR, AND SEX: 1952**

[As of October. See headnote, table 138. Percent not shown where base is less than 100,000]

YEARS OF SCHOOL COMPLETED	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
<b>Total.....</b>	<b>2.5</b>	<b>3.0</b>	<b>2.1</b>	<b>1.8</b>	<b>2.1</b>	<b>1.5</b>	<b>10.2</b>	<b>12.7</b>	<b>8.2</b>
None.....	77.8	77.2	78.6	73.6	72.5	74.8	89.3	89.5	89.1
1 year.....	51.5	49.2	55.8	40.6	37.9	46.4	69.0	70.8	-----
2 years.....	36.3	36.2	36.4	30.9	31.6	29.9	46.7	47.2	40.2
3 years.....	14.7	15.4	13.8	13.7	13.5	14.0	16.9	20.0	13.4
4 years.....	4.6	5.2	3.9	3.7	4.3	2.9	7.1	8.2	6.2
5 years.....	1.3	1.8	0.9	1.2	1.7	0.6	1.9	2.3	1.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 45.

## No. 149.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1870 TO 1954

ITEM	1870	1880	1890	1900	1910	1920
Total population <sup>1</sup> .....1,000..	38,558	50,156	<sup>2</sup> 62,622	<sup>2</sup> 75,603	91,972	105,711
Population 5-17 years, inclusive <sup>1</sup> .....do....	12,055	15,066	<sup>2</sup> 18,543	<sup>2</sup> 21,404	24,240	27,729
Percent of total population.....	31.3	30.1	29.6	28.3	26.4	26.2
Pupils enrolled.....1,000..	6,872	9,867	12,723	15,503	17,814	21,578
Percent of total population.....	17.8	19.7	20.3	20.5	19.4	20.4
Percent of population 5-17, inclusive.....	57.0	65.5	68.6	72.4	73.5	77.8
Average daily attendance.....1,000..	4,077	6,144	8,154	10,633	12,827	16,150
Percent of pupils enrolled.....	59.3	62.3	64.1	68.6	72.1	74.8
Average length of term in days.....	132.2	130.3	134.7	144.3	157.5	161.9
Average number of days attended per enrolled pupil.....	78.4	81.1	86.3	99.0	113.0	121.2
Number of teachers <sup>3</sup> .....1,000..	201	287	364	423	523	680
Male.....do....	78	123	126	127	110	96
Female.....do....	123	164	238	296	413	584
Percent male teachers.....	38.7	42.8	34.5	29.9	21.1	14.1
Salaries: Teachers, supervisors, and principals \$1,000..	37,833	55,943	91,836	137,688	253,915	590,120
Average annual salary per teacher <sup>4</sup> .....dollars..	189	195	252	325	485	871
Total expenditures for education <sup>5</sup> .....\$1,000..	63,397	78,095	140,507	214,965	426,250	1,036,151
Per capita of total population.....dollars..	1.64	1.56	2.24	2.84	4.64	9.80
Per capita of population 5-17, inclusive.....do....	5.26	5.18	7.58	10.04	17.58	37.37
Per pupil enrolled <sup>6</sup> .....do....	9.23	7.91	11.04	13.87	23.93	48.02
Per pupil in average attendance <sup>6</sup> .....do....	15.55	12.71	17.23	20.21	33.23	64.16
Expenditures for capital outlay.....\$1,000..			26,207	35,451	60,978	153,543

ITEM	1930	1940	1948	1950	1952	1954
Total population <sup>1</sup> .....1,000..	122,775	131,669	146,113	<sup>7</sup> 148,665	<sup>7</sup> 153,383	<sup>7</sup> 158,320
Population 5-17 years, inclusive <sup>1</sup> .....do....	31,571	29,745	30,171	30,168	31,379	34,540
Percent of total population.....	25.7	22.6	20.6	20.3	20.5	21.8
Pupils enrolled.....1,000..	25,678	25,434	23,945	25,111	26,563	28,836
Percent of total population.....	20.9	19.3	16.4	16.9	17.3	18.2
Percent of population 5-17, inclusive.....	81.3	85.5	79.4	83.2	84.7	83.5
Average daily attendance.....1,000..	21,265	22,042	20,910	22,284	23,257	25,644
Percent of pupils enrolled.....	82.8	86.7	87.3	88.7	87.6	88.9
Average length of term in days.....	172.7	175.0	177.6	177.9	178.2	178.6
Average number of days attended per enrolled pupil.....	143.0	151.7	155.1	157.9	156.0	158.9
Number of teachers <sup>3</sup> .....1,000..	854	875	861	914	<sup>8</sup> 963	<sup>8</sup> 1,042
Male.....do....	142	195	162	195	235	<sup>8</sup> 269
Female.....do....	712	681	699	719	728	<sup>8</sup> 773
Percent male teachers.....	16.6	22.2	18.8	21.3	24.4	<sup>8</sup> 24.6
Salaries: Teachers, supervisors, and principals \$1,000..	1,250,427	1,314,342	2,393,630	2,896,489	3,492,724	4,200,542
Average annual salary per teacher <sup>4</sup> .....dollars..	1,420	1,441	2,639	3,010	3,450	3,825
Total expenditure for education <sup>5</sup> .....\$1,000..	2,316,790	2,344,049	4,311,176	5,837,643	7,344,237	9,062,449
Per capita of total population.....dollars..	18.87	17.77	29.61	39.27	47.88	57.43
Per capita of population 5-17, inclusive.....do....	73.38	78.65	142.80	193.50	234.05	263.24
Per pupil enrolled <sup>6</sup> .....do....	89.84	91.64	178.80	231.05	275.34	312.11
Per pupil in average attendance <sup>6</sup> .....do....	108.49	105.74	202.81	258.85	312.68	350.90
Expenditures for capital outlay.....\$1,000..	370,878	257,974	412,467	1,014,176	1,477,332	2,055,178

<sup>1</sup> Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930 and 1940; 1948-1954, Census estimates and excludes Armed Forces overseas.

<sup>2</sup> Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.

<sup>3</sup> Includes other nonsupervisory instructional staff; excludes supervisors and principals.

<sup>4</sup> Beginning 1920, based on total number of teachers, supervisors, and principals.

<sup>5</sup> Current expense, capital outlays, and interest.

<sup>6</sup> Beginning 1920, excludes data for night, summer, part-time, and continuation schools separately reported.

<sup>7</sup> Beginning with the school year 1950, population as of July 1 prior to opening of school year compared with school enrollment data. For example, July 1, 1949, population data compared with 1949-50 school enrollment.

<sup>8</sup> Includes 857 principals in Tennessee.

<sup>9</sup> Estimated.

Source (except for population statistics): Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, Statistical Summary of Education, and Chapter 2, Statistics of State School Systems.

# NO. 141.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS, AND SCHOOLROOMS, BY STATES AND TERRITORIES: FALL 1957

[Enrollment data, compiled in the fall, are not directly comparable with the cumulative statistics on enrollment which, in *Biennial Survey of Education in the United States*, are given for an entire school year. Except as noted, schools are classified by type of organization, rather than by grade-group; elementary includes kindergarten and secondary includes junior high schools. Preliminary data]

STATE OR TERRITORY	PUPILS ENROLLED		CLASSROOM TEACHERS				PUPILS IN EXCESS OF NORMAL CAPACITY <sup>2</sup>		Instruc- tion rooms sched- uled for com- pletion during fiscal 1958
			Total <sup>1</sup>		Teaching under substandard credentials				
	Elemen- tary	Second- ary	Elemen- tary	Second- ary	Elemen- tary	Second- ary	Elemen- tary	Second- ary	
<b>Cont. U. S. <sup>3</sup></b>	22,832,000	10,067,000	786,000	469,000	69,800	21,400	1,373,000	564,000	70,800
<b>New England</b>	1,181,838	492,213	42,041	26,058	2,614	1,015	38,196	28,992	3,523
Maine	140,965	45,353	5,148	2,318	273	87	4,659	2,423	351
New Hampshire	65,780	28,526	2,523	1,403	130	80	3,561	2,094	184
Vermont	50,277	19,440	2,096	969	368	122	2,991	1,597	70
Massachusetts	452,952	255,941	18,820	13,031	394	168	15,000	8,000	1,261
Rhode Island	74,500	46,500	2,730	2,175	142	145	3,501	1,528	144
Connecticut	325,364	96,463	10,724	6,162	1,307	413	8,484	13,350	1,513
<b>Middle Atlantic</b>	3,442,084	1,883,618	119,627	93,514	8,857	4,379	(7)	(7)	(7)
New York	1,570,000	960,000	56,800	48,400	4,300	3,200	(7)	(7)	(7)
New Jersey	704,000	221,000	24,500	14,800	4,300	900	49,300	29,000	1,575
Pennsylvania	1,168,084	702,618	38,327	30,314	257	279	(7)	(7)	3,750
<b>E. North Central</b>	4,402,810	2,029,120	157,564	86,323	18,405	4,742	211,204	96,533	13,968
Ohio	1,161,772	560,957	38,030	24,722	3,632	1,161	39,535	15,167	2,999
Indiana	569,030	303,013	17,273	14,898	2,559	752	16,470	10,530	2,500
Illinois	1,199,547	397,389	46,561	19,703	5,298	694	46,401	11,909	2,940
Michigan	988,452	535,761	38,000	19,000	6,000	2,000	106,873	57,927	4,220
Wisconsin	484,000	172,000	17,700	8,000	916	135	1,925	1,000	1,600
<b>W. North Central</b>	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Minnesota	400,300	245,300	14,800	12,500	353	164	12,680	7,620	1,603
Iowa	365,373	176,257	14,672	9,828	115	139	19,000	10,000	600
Missouri	592,877	179,330	20,219	7,981	1,540	226	(7)	(7)	1,500
North Dakota	11,96,121	11,30,727	11,5,087	11,1,863	545	(7)	(7)	(7)	190
South Dakota	105,040	33,067	5,574	2,131	102	64	3,341	1,671	254
Nebraska	183,975	73,755	9,066	4,446	347	151	2,542	821	225
Kansas	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
<b>South Atlantic</b>	3,622,619	1,624,822	119,332	69,707	69,707	(7)	(7)	(7)	(7)
Delaware	41,985	27,357	1,671	1,399	294	60	2,204	1,381	316
Maryland	334,332	197,016	10,654	8,760	3,626	1,230	43,566	23,528	1,212
Dist. of Col.	72,766	37,275	2,226	1,723	425	225	(7)	(7)	53
Virginia	550,323	224,907	17,858	10,750	2,017	302	47,742	24,352	1,271
West Virginia	291,877	162,798	10,340	6,566	1,040	380	14,002	10,950	231
North Carolina	797,435	239,927	26,821	10,325	1,684	246	(7)	(7)	1,599
South Carolina	359,675	176,185	12,130	7,521	20	33	6,000	10,000	500
Georgia	687,118	251,986	20,116	10,032	(7)	(7)	70,689	35,345	2,750
Florida	487,108	306,471	17,516	12,631	517	37	61,688	30,464	1,845
<b>E. South Central</b>	1,917,095	737,821	59,543	32,031	9,410	2,442	319,488	110,424	3,474
Kentucky	437,916	161,600	14,834	7,132	2,225	625	38,945	15,537	1,170
Tennessee	508,000	185,510	19,263	7,215	510	192	19,000	8,390	253
Alabama	466,089	288,711	14,775	11,700	2,850	950	210,735	70,245	374
Mississippi	445,000	102,000	10,671	5,984	3,825	675	50,808	16,252	1,677
<b>W. South Central</b>	2,564,763	899,214	81,210	48,863	5,984	2,301	(7)	(7)	8,639
Arkansas	202,000	156,000	7,920	5,700	2,248	1,562	15,000	5,900	500
Louisiana	481,932	148,060	15,096	8,874	970	382	25,005	6,285	1,847
Oklahoma	332,565	199,539	11,444	8,165	6	17	(7)	(7)	1,122
Texas	1,488,266	395,615	46,750	26,124	2,760	340	32,100	8,550	5,170
<b>Mountain</b>	960,443	462,179	36,724	21,147	2,427	738	77,107	30,369	2,175
Montana	91,568	41,816	4,255	2,237	311	46	2,870	2,279	267
Idaho	90,297	55,860	3,232	2,452	737	253	2,849	2,985	170
Wyoming	57,292	17,891	2,295	1,235	280	100	1,500	500	150
Colorado	227,846	125,300	9,838	6,243	374	93	21,378	11,014	500
New Mexico	116,966	71,278	4,468	2,639	9	(7)	10,417	4,465	479
Arizona	211,134	55,483	7,060	2,426	(7)	(7)	28,044	4,733	1,270
Utah	127,746	80,591	4,098	3,193	679	246	7,198	3,928	200
Nevada	37,594	13,951	1,478	722	37	(7)	2,851	465	145
<b>Pacific</b>	2,658,682	1,094,024	86,450	46,546	10,582	2,494	120,650	49,332	11,843
Washington	426,682	149,024	13,250	7,525	1,600	400	45,000	25,000	1,270
Oregon	257,000	105,000	10,200	5,021	1,482	94	5,650	4,332	573
California	1,975,000	840,000	63,000	34,000	7,500	2,000	70,000	20,000	10,000
Alaska	28,512	5,404	1,256	268	102	15	5,634	1,193	160
Hawaii	81,289	48,221	2,602	1,632	620	250	2,943	1,030	310

<sup>1</sup> Excludes supervisors, principals, librarians, etc. <sup>2</sup> Capacity of accessible publicly owned school plants in use.

<sup>3</sup> Includes estimates for nonreporting States. <sup>4</sup> As of June 30, 1957.

<sup>5</sup> Reported by grade group; kindergarten through grade 8 for elementary, and grades 9-12 for secondary.

<sup>6</sup> Includes teachers working toward standard certificates; their present certificates are emergency but not substandard. <sup>7</sup> Not available. <sup>8</sup> Reported by grade group; kindergarten through grade 6 for elementary, and grades 7-12 for secondary. <sup>9</sup> Includes teachers in 1-room schools not having minimum requirement of 64 hours.

<sup>10</sup> Includes teachers who have not completed 120 semester hours. <sup>11</sup> Data for 1955-56. <sup>12</sup> Nonreporting.

<sup>13</sup> Data for 1956-57. <sup>14</sup> Excludes one building for which the number of rooms were not reported.

Source: Department of Health, Education, and Welfare, Office of Education; *Fall 1957 Statistics on Enrollment, Teachers, and Schoolhousing in Full-Time Public Elementary and Secondary Schools*.

# No. 142.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY STATES AND OTHER AREAS: 1920 TO 1954

[In thousands. See also table 141]

STATE OR OTHER AREA	1920		1930		1940		1950		1954	
	Ele- men- tary <sup>1</sup>	Sec- ond- ary <sup>2</sup>	Ele- men- tary <sup>1</sup>	Sec- ond- ary <sup>2</sup>	Ele- men- tary <sup>1</sup>	Sec- ond- ary <sup>2</sup>	Ele- men- tary <sup>1</sup>	Sec- ond- ary <sup>2</sup>	Ele- men- tary <sup>1</sup>	Sec- ond- ary <sup>2</sup>
Continental U. S.....	19,379	2,199	21,279	4,399	18,832	6,601	19,387	5,725	22,546	6,290
New England.....	1,072	170	1,194	298	990	410	962	331	1,159	327
Maine.....	118	19	124	30	124	40	124	34	135	34
New Hampshire.....	56	8	60	14	54	22	53	18	64	19
Vermont.....	53	9	54	12	51	14	49	12	50	14
Massachusetts.....	530	94	554	165	481	219	454	178	541	170
Rhode Island.....	84	9	101	17	84	31	71	25	90	41
Connecticut.....	231	31	260	59	196	85	210	63	280	69
Middle Atlantic.....	3,510	415	4,028	843	3,324	1,472	3,095	1,128	3,668	1,128
New York.....	1,500	220	1,717	425	1,515	712	1,458	540	1,776	526
New Jersey.....	538	57	672	120	503	214	495	180	623	171
Pennsylvania.....	1,472	138	1,639	298	1,306	546	1,142	408	1,268	431
East North Central.....	3,386	486	3,897	979	3,248	1,392	3,478	1,132	4,199	1,249
Ohio.....	887	134	1,012	266	842	372	917	286	1,145	329
Indiana.....	488	78	523	144	474	197	524	166	627	186
Illinois.....	1,000	128	1,095	301	873	376	871	283	1,044	320
Michigan.....	606	86	809	162	683	287	810	260	975	265
Wisconsin.....	405	60	458	106	376	160	356	138	408	150
West North Central.....	2,425	300	2,284	570	1,917	728	1,828	584	2,057	631
Minnesota.....	442	61	453	99	365	147	359	123	414	139
Iowa.....	463	52	437	117	364	139	395	113	399	123
Missouri.....	601	72	524	132	525	176	499	145	549	155
North Dakota.....	157	11	140	30	106	34	88	27	95	29
South Dakota.....	132	15	134	31	98	38	89	29	98	31
Nebraska.....	281	31	256	69	195	81	168	60	189	61
Kansas.....	349	58	340	92	264	112	261	87	314	94
South Atlantic.....	3,083	199	3,271	484	3,120	804	3,251	809	3,762	924
Delaware.....	35	3	35	7	32	12	35	11	45	12
Maryland.....	225	17	235	42	219	68	270	65	344	85
District of Columbia.....	57	9	65	16	71	25	75	22	86	24
Virginia.....	474	31	489	74	454	114	480	118	565	130
West Virginia.....	325	21	347	49	361	92	349	90	351	101
North Carolina.....	660	31	750	117	684	202	704	181	762	206
South Carolina.....	449	29	416	53	395	87	415	79	445	94
Georgia.....	646	45	633	81	612	126	571	147	667	141
Florida.....	212	13	301	45	292	77	353	97	498	130
East South Central.....	2,023	114	2,189	246	2,155	379	2,009	421	2,060	479
Kentucky.....	512	23	526	62	507	97	467	96	484	108
Tennessee.....	586	34	553	70	540	108	539	120	575	141
Alabama.....	535	35	562	61	586	100	556	124	563	140
Mississippi.....	390	22	543	52	521	73	447	81	439	89
West South Central.....	2,260	202	2,437	444	2,226	653	2,147	539	2,405	650
Arkansas.....	455	28	410	46	392	73	329	78	329	86
Louisiana.....	330	24	377	58	374	99	400	84	443	109
Oklahoma.....	547	42	578	104	472	140	340	101	364	119
Texas.....	928	108	1,072	236	987	341	1,078	276	1,269	335
Mountain.....	712	82	728	171	671	235	761	223	940	270
Montana.....	112	15	96	25	75	32	80	26	90	29
Idaho.....	102	13	94	27	87	34	91	31	102	35
Wyoming.....	39	4	43	11	40	16	46	14	53	15
Colorado.....	196	24	197	43	163	58	177	52	226	63
New Mexico.....	77	4	89	15	109	23	121	27	138	35
Arizona.....	71	6	89	15	88	22	112	28	158	40
Utah.....	103	14	105	33	93	43	115	39	139	44
Nevada.....	12	2	14	4	15	6	20	6	35	9
Pacific.....	908	231	1,251	365	1,181	528	1,856	558	2,296	635
Washington.....	248	43	259	85	226	106	309	92	371	107
Oregon.....	126	25	155	48	128	61	189	66	237	76
California.....	534	163	837	232	828	362	1,358	399	1,688	462
Alaska.....	3	( <sup>7</sup> )	3	1	5	2	12	2	24	4
American Samoa.....	—	—	2	—	3	( <sup>7</sup> )	3	1	5	( <sup>7</sup> )
Canal Zone.....	3	( <sup>7</sup> )	6	1	6	1	8	2	10	2
Guam.....	—	—	4	( <sup>7</sup> )	5	( <sup>7</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	9	2
Hawaii.....	39	2	65	7	70	22	65	25	( <sup>9</sup> )	( <sup>9</sup> )
Puerto Rico.....	176	4	214	7	270	16	362	48	448	57

<sup>1</sup> Kindergarten through grade 8. <sup>2</sup> Grades 9 through 12 and postgraduates; 1930 data include secondary pupils in local normal and vocational schools.

<sup>3</sup> As of Oct. 1, 1953. <sup>4</sup> Estimate from school census. <sup>5</sup> As of Oct. 31, 1953. <sup>6</sup> As of Mar. 31, 1954.

<sup>7</sup> Less than 500 pupils. <sup>8</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States* and records.

## No. 143.—NUMBER OF SCHOOLS OF SPECIFIED TYPES, BY STATES AND OTHER AREAS: 1954

STATE OR OTHER AREA	PUBLIC SCHOOLS (excluding kindergartens)		NONPUBLIC SCHOOLS (ex- cluding kindergartens) <sup>1</sup>		INSTITUTIONS OF HIGHER EDUCATION <sup>2</sup>		RESIDENTIAL SCHOOLS FOR EXCEPTIONAL CHILDREN, 1946		Schools of nurs- ing not affiliated with colleges and univers- ities <sup>3</sup>
	Elemen- tary	Sec- ond- ary	Elemen- tary	Sec- ond- ary	Pub- licly con- trolled	Pri- vately con- trolled	Pub- lic	Pri- vate	
Continental U. S. ....	110,875	25,637	11,739	3,913	4,662	1,201	307	137	963
New England.....	5,023	1,102	1,030	502	38	109	28	16	99
Maine.....	1,192	194	103	71	6	9	4	—	8
New Hampshire.....	453	93	86	46	3	5	2	—	11
Vermont.....	664	81	34	25	4	10	2	1	6
Massachusetts.....	1,692	527	486	233	17	53	11	11	52
Rhode Island.....	286	66	97	35	2	9	4	1	5
Connecticut.....	736	141	224	92	6	23	5	3	17
Middle Atlantic.....	10,752	2,836	2,676	829	66	233	28	60	238
New York.....	4,005	1,276	1,200	395	40	106	11	31	92
New Jersey.....	1,538	308	437	148	10	28	9	6	40
Pennsylvania.....	5,209	1,252	1,039	286	16	99	8	23	106
East North Central.....	17,721	3,814	3,157	790	88	226	38	17	193
Ohio.....	2,926	1,139	1,637	518	9	53	11	1	55
Indiana.....	2,036	797	350	6	6	32	7	1	21
Illinois.....	2,189	616	968	224	18	84	5	5	77
Michigan.....	5,333	703	1,681	525	20	20	9	6	21
Wisconsin.....	5,237	559	623	106	35	28	6	4	19
West North Central.....	29,396	3,955	1,794	463	99	138	46	8	113
Minnesota.....	5,508	572	398	83	15	27	11	3	17
Iowa.....	5,056	905	359	136	18	30	6	2	22
Missouri.....	6,000	702	452	103	17	36	11	3	23
North Dakota.....	2,681	378	57	19	11	1	4	—	10
South Dakota.....	3,023	271	78	28	7	8	4	—	7
Nebraska.....	4,082	479	244	55	10	13	5	—	11
Kansas.....	3,046	648	206	39	21	23	5	—	23
South Atlantic.....	14,055	4,221	655	366	88	202	61	13	146
Delaware.....	148	50	34	13	2	2	4	—	6
Maryland.....	800	211	187	68	13	20	6	9	18
District of Columbia.....	127	37	56	27	2	26	5	2	4
Virginia.....	2,342	487	74	74	12	33	10	1	33
West Virginia.....	3,352	382	64	21	11	11	9	—	18
North Carolina.....	2,241	937	62	42	16	41	9	—	30
South Carolina.....	2,036	430	34	19	7	23	6	—	13
Georgia.....	1,771	1,227	51	35	18	30	7	1	14
Florida.....	1,238	460	93	67	7	16	5	—	10
East South Central.....	13,419	3,174	482	254	47	100	24	3	50
Kentucky.....	4,258	508	238	111	9	28	5	1	10
Tennessee.....	3,418	512	85	49	7	38	7	1	12
Alabama.....	2,719	1,404	110	51	9	13	8	1	13
Mississippi.....	3,024	750	49	43	22	16	4	—	15
West South Central.....	9,418	3,953	821	283	95	82	30	6	46
Arkansas.....	1,424	622	64	22	12	10	4	—	6
Louisiana.....	1,557	556	271	96	9	11	7	2	7
Oklahoma.....	2,437	987	96	43	23	9	8	2	9
Texas.....	4,000	1,788	390	122	51	52	11	2	24
Mountain.....	4,976	1,360	360	135	45	20	31	1	30
Montana.....	1,171	193	61	22	8	3	5	—	4
Idaho.....	497	161	41	9	4	3	4	—	8
Wyoming.....	619	102	12	2	2	—	3	—	—
Colorado.....	1,255	464	86	35	13	7	6	1	8
New Mexico.....	624	189	94	33	7	2	5	—	1
Arizona.....	244	66	47	21	5	2	3	—	4
Utah.....	371	149	10	11	5	3	4	—	5
Nevada.....	195	36	9	2	1	—	1	—	—
Pacific.....	6,115	1,222	764	291	91	91	21	13	53
Washington.....	1,107	374	119	57	14	13	8	—	15
Oregon.....	1,065	223	97	28	6	16	5	1	5
California.....	3,943	625	548	206	71	62	8	12	33
Alaska.....	128	30	14	2	1	—	—	—	—
American Samoa.....	45	7	—	—	—	—	—	—	—
Canal Zone.....	17	10	—	—	1	—	—	—	—
Guam.....	21	3	—	—	1	—	—	—	—
Hawaii.....	164	87	54	20	1	—	4	—	3
Puerto Rico.....	1,789	325	101	68	1	3	3	1	9
Virgin Islands <sup>4</sup> .....	21	3	11	2	—	—	—	—	—

<sup>1</sup> Estimated unless otherwise indicated.<sup>2</sup> Comprises universities, colleges, professional schools, teachers colleges, normal schools and junior colleges.<sup>3</sup> January 1954. <sup>4</sup> Includes U. S. Service Academies.<sup>5</sup> Reported to the Office of Education or listed in the State educational directory. <sup>6</sup> Data for 1951-52.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 1, Statistical Summary of Education.

# No. 144.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, ATTENDANCE, AND HIGH SCHOOL GRADUATES, BY STATES AND OTHER AREAS: 1954

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, preparatory departments of colleges and universities, Federal schools for Indians, and Federal schools on Federal installations]

STATE OR OTHER AREA	Enrollment	Average daily attendance	Percent of pupils enrolled attending daily	Average length of term in days	Average number of days attended per pupil enrolled	High school graduates
<b>Continental U. S.</b>	<b>28,836,052</b>	<b>25,643,871</b>	<b>88.9</b>	<b>178.6</b>	<b>158.9</b>	<b>1,129,341</b>
<b>New England</b>	<b>1,485,854</b>	<b>1,332,545</b>	<b>89.7</b>			<b>63,004</b>
Maine	169,364	154,877	91.4	182.0	166.4	6,404
New Hampshire	82,778	74,204	89.6	176.3	158.0	3,667
Vermont	82,787	59,278	92.9	172.3	160.1	2,690
Massachusetts	1,710,551	1,636,137	89.5	177.1	158.6	33,052
Rhode Island	110,674	95,532	86.3	180.0	155.4	3,913
Connecticut	346,700	312,517	89.6	180.6	161.9	13,278
<b>Middle Atlantic</b>	<b>4,795,285</b>	<b>4,199,005</b>	<b>87.6</b>			<b>203,258</b>
New York	2,302,815	1,959,094	85.1	184.5	157.0	91,116
New Jersey	793,782	700,070	88.3	180.6	159.5	31,610
Pennsylvania	1,698,688	1,538,941	90.6	181.9	164.8	80,532
<b>East North Central</b>	<b>5,447,692</b>	<b>4,874,769</b>	<b>89.5</b>			<b>233,976</b>
Ohio	1,474,046	1,332,170	90.4	176.6	159.6	59,683
Indiana	812,210	687,165	84.6	181.6	153.6	34,350
Illinois	1,363,260	1,201,861	88.2	186.3	164.3	60,170
Michigan	1,240,730	1,150,433	92.7	180.0	166.9	48,209
Wisconsin	557,446	503,140	90.3	178.1	160.8	31,564
<b>West North Central</b>	<b>2,687,620</b>	<b>2,372,628</b>	<b>88.3</b>			<b>123,601</b>
Minnesota	552,123	501,875	90.9	173.7	157.9	28,224
Iowa	522,954	463,872	88.7	179.6	159.3	25,205
Missouri	703,667	599,187	85.2	183.8	156.5	27,055
North Dakota	123,174	110,228	90.7	176.3	159.9	5,927
South Dakota	128,439	116,153	90.4	177.5	160.5	6,417
Nebraska	249,920	224,908	90.0	176.2	158.5	12,587
Kansas	407,343	356,405	87.5	171.4	150.0	18,186
<b>South Atlantic</b>	<b>4,685,511</b>	<b>4,133,712</b>	<b>88.2</b>			<b>152,235</b>
Delaware	57,205	51,003	89.2	177.7	158.4	2,136
Maryland	428,292	386,817	90.3	181.1	163.5	14,070
District of Columbia	109,135	91,810	84.1	176.6	148.6	3,294
Virginia	605,277	616,441	88.7	180.0	159.6	21,130
West Virginia	451,991	409,714	90.6	172.9	156.8	17,586
North Carolina	968,066	874,165	90.3	180.0	162.5	35,679
South Carolina	539,437	456,650	84.7	179.7	152.1	14,822
Georgia	807,631	705,712	87.4	180.0	157.3	22,880
Florida	628,477	541,400	86.1	180.0	155.1	20,638
<b>East South Central</b>	<b>2,538,918</b>	<b>2,218,878</b>	<b>87.4</b>			<b>80,205</b>
Kentucky	591,558	511,395	86.4	172.1	148.8	17,736
Tennessee	716,295	639,569	89.3	174.9	156.2	22,928
Alabama	703,647	615,686	87.5	175.9	154.0	25,963
Mississippi	527,408	452,228	85.7	166.7	142.9	14,178
<b>West South Central</b>	<b>3,054,839</b>	<b>2,667,915</b>	<b>87.3</b>			<b>110,122</b>
Arkansas	414,955	356,342	85.9	173.1	148.6	14,782
Louisiana	552,491	488,643	88.4	179.4	158.7	17,351
Oklahoma	483,100	433,003	89.6	177.7	159.3	21,626
Texas	1,604,293	1,389,927	86.6	175.5	152.1	56,363
<b>Mountain</b>	<b>1,209,651</b>	<b>1,039,635</b>	<b>85.9</b>			<b>46,919</b>
Montana	118,475	106,679	90.0	180.1	162.2	5,423
Idaho	136,376	122,910	90.1	172.0	155.0	6,504
Wyoming	68,271	55,886	81.9	177.3	145.1	2,930
Colorado	288,954	243,489	84.3	176.3	148.6	11,281
New Mexico	173,268	144,935	83.6	180.0	150.6	5,013
Arizona	197,535	163,302	82.7	170.5	140.9	5,969
Utah	183,164	166,794	91.1	174.1	158.5	8,384
Nevada	43,608	35,640	81.7	176.2	144.0	1,409
<b>Pacific</b>	<b>2,930,682</b>	<b>2,804,784</b>	<b>95.7</b>			<b>116,021</b>
Washington	478,312	424,361	88.7	174.7	155.0	19,896
Oregon	312,664	270,954	86.7	180.7	156.6	13,266
California	2,139,866	2,109,469	98.6	176.8	174.3	82,859
Alaska	27,676	20,436	73.8	172.0	127.0	677
American Samoa	5,082	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11
Canal Zone	11,887	10,144	85.3	174.4	148.8	349
Guam	10,205	9,791	95.9	176.0	168.8	204
Hawaii	( <sup>2</sup> )	103,188		178.0	( <sup>2</sup> )	4,775
Puerto Rico	505,151	451,433	89.4	191.0	170.7	8,916

<sup>1</sup> As of Oct. 1, 1953. <sup>2</sup> Estimated from school census.

<sup>3</sup> Excludes kindergarten. <sup>4</sup> As of Oct. 31, 1953. <sup>5</sup> As of Mar. 31, 1954.

<sup>6</sup> Because attendance in California includes excused absences and enrollment is not cumulative, the relationship between attendance and enrollment is not strictly comparable with that in other States. <sup>7</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1962-64*, Chapter 2, Statistics of State School Systems.



**No. 145.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND SALARIES OF TEACHERS, BY STATES AND OTHER AREAS: 1940 TO 1954**

STATE OR OTHER AREA	NUMBER OF TEACHERS <sup>1</sup>				SALARIES OF TEACHERS, SUPERVISORS, AND PRINCIPALS							
	1940	1950	1952	1954	Total (\$1,000)		Average salary (dollars)					
					1952	1954	1940	1950	1952	1954		
Continental U. S.	875,477	913,671	962,007	1,042,313	3,492,724	4,200,542	1,441	3,010	3,450	3,825		
New England	49,930	50,773	52,914	57,668	192,764	231,748	1,748	3,153				
Maine	6,156	6,323	6,475	7,154	15,366	17,727	894	2,115	2,269	2,427		
New Hampshire	2,945	2,816	3,083	3,240	9,569	11,101	1,258	2,712	3,031	3,252		
Vermont	2,653	2,405	2,581	2,622	6,947	8,142	981	2,348	2,598	2,820		
Massachusetts	24,769	24,696	25,653	27,572	97,869	118,201	2,037	3,338	3,553	4,006		
Rhode Island	3,788	3,984	3,860	4,087	14,814	16,864	1,809	3,294	3,603	3,881		
Connecticut	9,619	10,649	11,312	12,993	48,199	59,713	1,861	3,558	3,937	4,274		
Middle Atlantic	168,500	162,389	165,434	180,006	718,735	831,799	2,167	3,445				
New York	80,553	79,670	79,730	89,279	385,025	437,612	2,604	3,706	4,591	4,658		
New Jersey	26,984	27,109	28,641	31,654	118,450	141,479	2,093	3,511	3,922	4,271		
Pennsylvania	60,963	55,610	57,063	59,073	214,260	252,708	1,640	3,006	3,536	4,074		
East North Central	164,354	172,264	181,566	199,831	709,372	852,133	1,570	3,296				
Ohio	43,671	43,650	43,485	51,139	170,040	212,109	1,587	3,088	3,537	4,012		
Indiana	21,459	23,428	24,092	26,955	100,385	117,891	1,433	3,401	3,865	4,086		
Illinois	45,955	47,224	48,621	51,577	199,319	235,584	1,700	3,458	3,903	4,353		
Michigan	32,716	37,157	40,460	47,175	160,980	197,495	1,576	3,420	3,862	3,999		
Wisconsin	20,553	20,805	21,908	22,985	78,648	89,054	1,379	3,007	3,590	3,840		
West North Central	115,716	104,003	107,870	115,160	324,558	378,706	1,042	2,550				
Minnesota	21,080	19,574	20,784	22,119	71,284	84,451	1,276	3,013	3,327	3,687		
Iowa	22,450	21,819	21,843	24,535	66,649	74,634	1,017	2,420	2,895	2,897		
Missouri	26,423	22,494	23,140	24,260	68,418	81,618	1,159	2,581	2,763	3,188		
North Dakota	7,262	6,537	6,757	6,981	17,130	19,058	745	2,324	2,535	2,659		
South Dakota	7,837	7,127	7,221	7,539	17,408	20,184	807	2,064	2,351	2,638		
Nebraska	13,760	11,949	11,905	12,422	31,208	37,337	829	2,202	2,550	2,922		
Kansas	16,904	15,003	16,220	17,304	52,463	61,424	1,014	2,628	2,903	3,258		
South Atlantic	120,914	135,012	144,310	156,406	462,720	551,936	1,014	2,531				
Delaware	1,626	1,846	2,082	2,378	8,709	10,186	1,684	3,273	3,919	4,042		
Maryland	8,638	11,059	12,793	14,677	52,902	65,177	1,642	3,594	3,903	4,148		
District of Columbia	3,057	3,326	3,381	3,491	16,042	17,803	2,350	3,920	4,467	4,797		
Virginia	17,734	19,055	20,637	22,844	60,433	77,431	899	2,328	2,627	3,082		
West Virginia	14,252	14,145	14,450	14,414	48,280	50,208	1,170	2,425	2,967	3,058		
North Carolina	24,530	27,491	28,917	31,051	100,695	110,404	946	2,688	3,282	3,354		
South Carolina	15,042	16,753	17,479	17,999	42,522	51,804	743	1,891	2,400	2,815		
Georgia	22,846	24,380	25,642	27,586	68,242	81,356	770	1,963	2,586	2,862		
Florida	13,189	16,957	18,929	21,966	64,895	87,567	1,012	2,958	3,248	3,785		
East South Central	73,127	77,538	78,868	79,181	189,818	216,922	758	1,983				
Kentucky	18,802	18,097	18,323	19,026	46,927	51,197	826	1,936	2,398	2,526		
Tennessee	20,147	22,202	22,176	21,293	57,799	69,294	862	2,302	2,462	2,875		
Alabama	19,405	21,612	22,353	22,795	58,725	65,884	744	2,111	2,537	2,783		
Mississippi	14,773	15,627	16,016	16,067	26,367	30,547	559	1,416	1,617	1,864		
West South Central	93,091	94,796	102,774	106,811	316,771	389,726	987	2,853				
Arkansas	12,852	12,845	13,014	13,251	25,408	31,566	584	1,801	1,884	2,286		
Louisiana	14,830	15,652	16,369	18,372	57,164	68,679	1,006	2,983	3,124	3,504		
Oklahoma	20,204	15,931	17,948	18,340	56,041	62,603	1,014	2,736	3,031	3,271		
Texas	45,205	50,308	55,443	56,848	178,158	226,978	1,079	3,122	3,213	3,886		
Mountain	33,662	36,937	39,733	44,191	142,334	176,989	1,290	3,003				
Montana	5,195	4,584	5,400	5,601	17,379	20,680	1,184	2,962	3,094	3,530		
Idaho	4,513	4,449	4,498	4,763	13,620	17,014	1,057	2,481	2,849	3,350		
Wyoming	2,551	2,548	2,745	2,901	9,112	10,824	1,169	2,798	3,157	3,512		
Colorado	8,918	9,233	9,627	10,951	32,879	41,978	1,303	3,521	3,244	3,640		
New Mexico	3,798	4,908	5,434	6,147	21,721	27,178	1,144	3,215	3,621	4,127		
Arizona	3,884	5,146	5,516	6,635	23,317	30,013	1,544	3,556	4,021	4,401		
Utah	4,417	4,911	5,218	5,654	19,599	23,165	1,394	3,103	3,420	3,746		
Nevada	886	1,158	1,295	1,539	4,707	6,137	1,557	3,209	3,484	3,780		
Pacific	56,183	79,959	88,538	103,059	435,650	570,583	2,101	4,006				
Washington	10,583	14,624	15,691	17,474	64,774	80,203	1,706	3,487	3,919	4,334		
Oregon	7,296	10,226	11,269	12,200	45,205	54,911	1,333	3,323	3,679	4,163		
California	38,304	55,109	61,668	73,385	325,671	435,469	2,351	4,288	4,163	4,787		
Alaska <sup>2</sup>	302	528	722	1,020	2,909	5,262	( <sup>3</sup> )	4,269	3,958	5,016		
American Samoa	65	103	( <sup>3</sup> )	169	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
Canal Zone	200	300	344	377	1,436	1,622	1,634	3,519	3,870	4,005		
Guam	139	269	307	362	964	1,311	309	( <sup>3</sup> )	3,079	3,379		
Hawaii	3,091	3,214	3,424	3,696	13,094	16,286	1,830	3,508	3,608	4,172		
Puerto Rico	6,066	8,958	9,251	10,158	17,556	20,689	834	1,509	1,794	1,922		
Virgin Islands	117	148	173	( <sup>3</sup> )	281	( <sup>3</sup> )	680	( <sup>3</sup> )	1,487	( <sup>3</sup> )		

<sup>1</sup> Includes other nonsupervisory instructional staff; excludes supervisors and principals except when not reported separately. <sup>2</sup> Includes salaries of administrators. <sup>3</sup> Excludes vocational schools.

<sup>4</sup> Includes expenditures of community colleges. <sup>5</sup> For 1938.

<sup>6</sup> Includes expenditures for summer schools, junior colleges, and adult education.

<sup>7</sup> Represents weighted average of median salaries of total instructional staff in elementary and secondary schools.

<sup>8</sup> Excludes Federal schools for natives. <sup>9</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

# No. 146.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURES, BY STATES AND OTHER AREAS: 1954

(In thousands of dollars, except averages per pupil)

STATE OR OTHER AREA	Total <sup>1</sup>	CURRENT EXPENDITURE FOR FULL-TIME DAY SCHOOLS			Capital outlay	Interest	Adult educa- tion	Com- munity serv- ices <sup>3</sup>	Com- munity col- leges <sup>4</sup>
		Chargeable to pupils		Not charge- able to pupils					
		Amount	Per pupil <sup>2</sup>						
Continental U. S.	9,092,449	6,789,463	\$264.76	1,460	2,055,178	153,884	42,033	25,378	23,363
New England	460,195	372,618	279.53		80,447	3,344	2,936	685	87
Maine	36,299	30,872	199.33		5,045	331	51		
New Hampshire	21,976	19,025	256.38		2,335	201	76	339	
Vermont	17,033	14,542	245.81		2,279	170	38	2	
Massachusetts	231,916	189,814	268.39		39,314		2,285	341	87
Rhode Island	28,886	25,608	268.05		2,699		73	3	
Connecticut	124,585	92,755	266.80		28,775	2,642	413		
Middle Atlantic	1,923,541	1,403,441	334.23		463,000	40,406	7,540	8,812	159
New York	1,109,856	709,174	361.99		357,906	27,973	6,867	7,936	
New Jersey	297,643	233,639	333.31		56,386	6,503	673		159
Pennsylvania	516,142	460,628	290.31		48,708	5,930		876	
E. North Central	1,863,612	1,386,478	284.46	126	420,632	32,407	14,702	2,660	5,805
Ohio	474,656	338,214	253.88		123,447	10,927	1,270	521	
Indiana	225,379	192,114	279.57		29,776	1,959	1,005		
Illinois	520,819	383,164	318.81		125,636	12,019			
Michigan	455,995	325,371	282.82	126	119,386	6,176	2,704	1,877	5,805
Wisconsin	187,363	147,615	269.39		28,437	1,326	9,723	262	
W. North Central	794,857	624,264	263.18		153,297	11,958	2,139	910	2,289
Minnesota	205,546	143,829	286.59		54,917	3,944	1,214	910	732
Iowa	162,907	127,059	273.91		33,497	1,768			583
Missouri	183,325	139,481	232.79		41,467	2,377			
North Dakota	31,891	28,624	262.40		2,652	315			
South Dakota	36,937	31,930	274.91		4,660	327	20		
Nebraska	67,734	59,027	262.45		7,227	575	905		
Kansas	106,517	94,014	263.79		8,877	2,652			974
South Atlantic	1,143,894	827,394	200.14		294,732	13,533	6,998	410	437
Delaware	25,450	16,597	325.42		8,593	230	16	5	
Maryland	158,622	103,849	268.47		49,317	4,201	701	60	437
Dist. of Columbia	31,317	27,735	302.10		2,991		473	17	
Virginia	184,114	118,701	192.56		62,001	1,971	1,299		
West Virginia	96,782	76,244	186.09		19,372	55	283	328	
North Carolina	201,426	154,700	178.97		41,118	3,132	2,476		
South Carolina	132,921	80,527	176.34		52,184	128	82		
Georgia	147,177	125,198	177.41		20,232	1,181	566		
Florida	155,995	123,643	228.74		38,424	2,626	1,102		
E. South Central	384,731	333,073	150.10		42,372	2,453	3,901	15	2,917
Kentucky	54,896	78,332	153.17		5,474	1,090			
Tennessee	129,682	106,402	166.36		21,375	698	1,207		
Alabama	103,234	92,895	150.88		9,965	665	2,694	15	
Mississippi	63,919	55,444	122.60		5,658				2,917
W. South Central	796,566	613,460	229.93	245	149,417	21,125	3,221	116	8,738
Arkansas	66,544	49,698	139.19		13,584	1,718	1,644		
Louisiana	161,662	120,523	246.65		35,821	4,230	1,088		
Oklahoma	120,547	96,937	223.87	32	21,694	1,822			162
Texas	447,813	346,402	249.22	213	78,418	13,355	489	116	8,576
Mountain	380,405	280,334	269.55	1,090	89,827	7,066	596	551	860
Montana	42,892	34,989	327.99		6,649	1,023	166		65
Idaho	37,227	29,226	237.81		7,457	541			
Wyoming	21,723	18,434	329.86		2,714	353	222		
Colorado	96,943	68,120	279.76	1,090	24,746	2,594		303	
New Mexico	48,904	38,367	264.71		10,000	537			
Arizona	66,745	45,990	281.63		18,800	1,160			705
Utah	49,579	34,723	208.18		13,908	535	174	158	
Nevada	16,392	10,482	204.12		5,553	323	34		
Pacific	1,344,738	948,403	338.23		361,453	21,592		11,220	2,070
Washington	178,250	129,610	305.42		44,934	1,636			2,070
Oregon	127,311	91,236	336.72		33,884	2,191			
California	1,039,177	727,557	344.90		282,635	17,765		11,220	
Alaska	9,396	8,409	411.46		987				
Canal Zone	3,457	2,370	233.63		897		5	84	101
Guam	2,168	1,685	172.10		390		29	9	55
Hawaii	25,571	23,313	225.92		2,007		244	7	
Puerto Rico	41,843	37,796	83.72		1,432		674	1,804	

<sup>1</sup> Includes \$1,690,000 expended for summer schools, not shown separately.

<sup>2</sup> Annual expenditure per pupil in average daily attendance.

<sup>3</sup> Includes public libraries operated by school districts, nonpublic schools where authorized by law, community centers, and recreational activities. <sup>4</sup> Under jurisdiction of local school districts.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 2, Statistics of State School Systems.

**No. 147.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1950, 1952, AND 1954**

STATE	ENROLLMENT IN—						AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED, 1954	
	White schools			Negro schools			White	Negro
	1950	1952	1954	1950	1952	1954		
<b>Total, 18 States.....</b>	<b>7,424,114</b>	<b>7,889,787</b>	<b>8,401,389</b>	<b>2,396,946</b>	<b>2,472,833</b>	<b>2,581,546</b>	<b>156.7</b>	<b>150.6</b>
Alabama.....	437,779	439,901	460,507	242,287	239,373	243,140	155.2	151.6
Arkansas.....	305,287	316,445	315,111	101,797	100,101	99,844	150.2	143.5
Delaware.....	37,835	41,578	47,237	8,220	8,765	9,968	158.2	159.7
District of Columbia.....	50,573	50,174	49,106	45,750	51,600	60,029	144.0	152.3
Florida.....	333,454	411,179	487,698	116,382	127,531	140,779	153.8	159.6
Georgia.....	467,370	496,363	533,508	250,667	255,870	274,123	163.2	145.8
Kentucky.....	525,759	532,226	553,051	37,124	38,404	38,517	148.5	153.7
Louisiana.....	299,766	316,122	343,914	183,597	198,257	208,577	161.5	154.1
Maryland.....	261,417	302,016	338,308	73,601	80,715	89,984	164.5	159.9
Mississippi.....	263,643	267,565	263,478	263,797	268,348	263,930	153.6	152.3
Missouri.....	588,141	611,086	637,705	56,316	61,997	65,962	156.4	157.9
North Carolina.....	617,638	641,081	683,284	267,095	273,188	284,782	164.1	158.8
Oklahoma.....	403,570	473,374	446,989	37,693	36,902	36,111	159.3	159.6
South Carolina.....	272,305	284,541	304,908	221,880	227,658	234,529	157.5	145.0
Tennessee.....	552,858	555,892	598,247	106,527	110,780	118,048	155.7	158.9
Texas.....	1,152,914	1,249,156	1,388,828	201,253	206,592	215,465	162.9	146.9
Virginia.....	440,807	476,499	523,165	157,066	162,268	172,112	160.2	157.9
West Virginia.....	412,998	414,589	426,345	25,600	25,978	25,646	156.5	161.0

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

**No. 148.—PRIVATE ELEMENTARY AND SECONDARY SCHOOLS—INSTRUCTIONAL STAFF AND ENROLLMENT, BY STATES: 1954**

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and private vocational and trade schools. Estimated on basis of earlier surveys]

STATE	In- structional staff	NUMBER OF PUPILS			STATE	In- structional staff	NUMBER OF PUPILS		
		Total	Elemen- tary	Second- ary			Total	Elemen- tary	Second- ary
<b>U. S.....</b>	<b>134,074</b>	<b>4,339,163</b>	<b>3,591,840</b>	<b>747,323</b>	Montana.....	533	14,919	11,626	3,293
Alabama.....	771	21,493	16,807	4,686	Nebraska.....	1,330	33,930	27,234	6,696
Arizona.....	495	16,149	11,715	4,434	Nevada.....	32	2,524	1,573	951
Arkansas.....	339	8,534	6,552	1,982	N. Hampshire.....	1,243	28,532	22,259	6,273
California.....	7,354	221,684	182,282	39,402	New Jersey.....	6,175	224,602	192,537	32,065
Colorado.....	989	27,243	21,769	5,474	New Mexico.....	734	22,981	20,020*	2,961
Connecticut.....	3,358	76,514	57,866	18,648	New York.....	19,107	762,291	660,753	101,538
Delaware.....	488	13,600	11,675	1,925	North Carolina.....	689	11,963	9,952	2,011
Dist. of Col.....	834	21,303	15,493	5,810	North Dakota.....	550	13,991	11,337	2,654
Florida.....	1,643	32,454	25,440	7,014	Ohio.....	7,603	271,266	220,147	45,119
Georgia.....	664	13,905	9,057	4,848	Oklahoma.....	565	14,406	11,381	3,025
Idaho.....	149	5,015	4,265	750	Oregon.....	806	22,101	17,635	4,466
Illinois.....	10,982	382,393	321,788	60,605	Pennsylvania.....	12,455	430,407	355,029	75,378
Indiana.....	2,459	98,529	85,054	13,475	Rhode Island.....	1,449	45,698	36,136	9,552
Iowa.....	3,133	65,137	52,282	12,855	South Carolina.....	389	7,432	5,837	1,595
Kansas.....	1,215	38,198	32,758	5,440	South Dakota.....	625	14,576	12,374	2,202
Kentucky.....	2,042	60,111	45,152	14,959	Tennessee.....	905	21,595	14,023	7,572
Louisiana.....	3,314	107,941	89,459	18,482	Texas.....	3,495	100,067	87,351	12,685
Maine.....	1,572	31,333	20,716	10,617	Utah.....	154	2,813	2,186	627
Maryland.....	2,304	87,119	73,460	13,659	Vermont.....	588	14,150	10,049	4,101
Massachusetts.....	7,948	212,837	174,049	38,788	Virginia.....	1,569	33,576	25,337	8,239
Michigan.....	6,025	228,992	181,714	47,278	Washington.....	1,333	41,503	27,679	13,827
Minnesota.....	3,403	108,919	92,541	16,378	West Virginia.....	474	12,211	9,544	2,667
Mississippi.....	937	16,238	10,320	5,918	Wisconsin.....	5,005	175,775	153,058	22,717
Missouri.....	3,740	117,272	95,816	21,456	Wyoming.....	83	2,948	2,723	225

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 2, Statistics of State School Systems.

**NO. 149.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1940 TO 1954**

SCHOOL AND GRADE	1940	1944	1946	1948	1950	1952	1954
<b>Pupils enrolled.....</b>	<b>25,433,542</b>	<b>23,266,616</b>	<b>23,299,941</b>	<b>23,944,532</b>	<b>25,111,427</b>	<b>26,562,663</b>	<b>28,836,052</b>
<b>Kindergarten and grades 1 to 8.....</b>	<b>18,832,098</b>	<b>17,713,096</b>	<b>17,677,744</b>	<b>18,291,227</b>	<b>19,386,806</b>	<b>20,680,866</b>	<b>22,545,807</b>
Kindergarten.....	594,647	697,468	772,957	988,680	1,034,203	1,272,126	1,474,007
First.....	3,018,463	2,878,943	2,894,588	2,951,300	3,170,343	2,957,485	3,066,466
Second.....	2,333,076	2,220,739	2,318,502	2,363,477	2,644,707	2,670,162	2,940,285
Third.....	2,331,559	2,162,878	2,190,617	2,258,858	2,395,904	2,717,947	2,569,243
Fourth.....	2,321,887	2,079,788	2,094,352	2,183,171	2,254,028	2,559,115	2,565,345
Fifth.....	2,247,692	2,016,635	2,006,120	2,055,115	2,150,678	2,320,132	2,806,983
Sixth.....	2,176,133	1,967,806	1,910,028	1,939,500	2,055,741	2,165,741	2,449,174
Seventh.....	2,107,667	1,864,997	1,830,897	1,897,740	1,947,227	2,082,533	2,242,116
Eighth.....	1,700,994	1,693,942	1,653,683	1,653,386	1,733,975	1,935,625	2,032,188
<b>Grades 9 to 12 and post-graduates.....</b>	<b>6,601,444</b>	<b>5,553,520</b>	<b>5,622,197</b>	<b>5,653,305</b>	<b>5,724,621</b>	<b>5,881,797</b>	<b>6,290,245</b>
Ninth year.....	2,011,341	1,774,593	1,728,499	1,672,920	1,760,740	1,819,732	1,944,357
Tenth year.....	1,767,812	1,519,638	1,555,302	1,502,743	1,513,086	1,582,142	1,716,758
Eleventh year.....	1,485,603	1,236,168	1,255,907	1,271,645	1,275,295	1,337,930	1,411,722
Twelfth year.....	1,281,735	1,006,611	1,032,420	1,130,805	1,133,673	1,110,638	1,190,138
Postgraduate.....	55,453	19,610	50,069	75,192	41,827	31,355	27,270

**NO. 150.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE PER PUPIL, BY PURPOSE: 1930 TO 1954**

PURPOSE OF EXPENDITURE	1930		1940		1950		1954	
	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent
<b>Total current expenditure.....</b>	<b>\$86.70</b>	<b>100.0</b>	<b>\$88.09</b>	<b>100.0</b>	<b>\$208.83</b>	<b>100.0</b>	<b>\$264.76</b>	<b>100.0</b>
Administration (general control).....	3.70	4.3	4.15	4.7	9.88	4.7	12.13	4.6
Instruction.....	61.97	71.5	63.66	72.3	139.67	66.9	177.52	67.0
Salaries <sup>2</sup> .....	58.80	67.9	59.63	67.7	131.35	62.9	166.61	62.9
Textbooks and supplies.....	3.17	3.6	4.03	4.6	8.32	4.0	10.92	4.1
Operation.....	10.16	11.7	8.82	10.0	19.19	9.2	24.28	9.2
Maintenance.....	3.71	4.3	3.33	3.8	9.61	4.6	11.11	4.2
Fixed charges.....	2.36	2.7	2.27	2.6	11.70	5.6	17.94	6.5
Other school services <sup>3</sup> .....	4.80	5.5	5.86	6.6	18.78	9.0	22.38	8.5
Capital outlay.....	17.44	—	11.70	—	45.51	—	80.14	—
Interest.....	4.35	—	6.94	—	4.51	—	6.00	—

<sup>1</sup> Annual expenditure per pupil in average daily attendance.

<sup>2</sup> Salaries of instructional staff and clerical assistants.

<sup>3</sup> Prior to 1954 designated as "Auxiliary services"; beginning 1950 excludes community services.

Source of tables 149 and 150: Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

**NO. 151.—HIGH-SCHOOL AND COLLEGE GRADUATES—NUMBER, BY SEX: 1890 TO 1954**

[Data cover graduates of both public and private institutions. See also table 161]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE <sup>1</sup>		
	Total	Male	Female	Total	Male	Female
1890.....	43,731	18,549	25,182	15,539	12,857	2,682
1900.....	94,883	38,075	56,808	27,410	22,173	5,237
1910.....	156,429	63,676	92,753	37,199	28,762	8,437
1920.....	311,266	123,684	187,582	48,622	31,980	16,642
1930.....	666,904	300,378	366,526	122,484	73,615	48,869
1940.....	1,221,475	578,718	642,757	186,500	109,546	76,954
1950.....	1,199,700	570,700	629,000	432,058	328,841	103,217
1952.....	1,196,500	569,200	627,300	329,986	225,981	104,005
1954.....	1,276,100	612,500	663,600	290,825	180,528	104,297

<sup>1</sup> Bachelor's or first professional degree.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

## No. 152.—SCHOOL AND COLLEGE ENROLLMENT AND EXPENDITURES: 1910 TO 1954

ITEM	1910	1920	1930	1940	1950	1954
<b>ENROLLMENT</b>						
<b>Total</b> <sup>1</sup>	19,999,148	24,061,778	29,652,377	29,751,203	31,319,271	35,911,050
<b>Kindergarten</b>	346,189	510,949	786,463	660,909	1,175,312	1,809,445
Public <sup>2</sup>	<sup>3</sup> 293,970	481,266	723,443	594,647	1,034,203	1,474,007
Nonpublic <sup>2</sup>	<sup>3</sup> 52,219	29,683	54,456	57,341	<sup>4</sup> 133,000	<sup>4</sup> 317,000
Subcollegiate departments of institutions of higher education	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4,869
Residential schools for exceptional children <sup>6</sup>	( <sup>5</sup> )	( <sup>5</sup> )	<sup>7</sup> 5,164	5,777	<sup>8</sup> 4,459	9,300
Federal schools for Indians	( <sup>5</sup> )	( <sup>5</sup> )	3,400	3,144	3,650	3,869
Federal schools on Federal installations	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	400
<b>Grades 1 to 8</b>	18,182,346	20,452,773	22,953,377	20,466,112	21,031,929	24,477,920
Public <sup>2</sup>	16,604,821	18,897,661	20,555,150	18,237,451	18,352,603	21,071,800
Nonpublic <sup>2</sup>	1,506,218	1,455,878	2,255,430	2,095,938	2,574,777	3,274,840
Subcollegiate departments of institutions of high education	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	59,547	35,682	47,532
Residential schools for exceptional children	71,307	<sup>9</sup> 99,234	<sup>7</sup> 124,153	55,954	<sup>8</sup> 48,894	56,000
Federal schools for Indians	( <sup>5</sup> )	( <sup>5</sup> )	18,644	17,222	19,973	19,948
Federal schools on Federal installations	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7,800
<b>Grades 9 to 12 and postgraduate</b>	1,115,398	2,500,176	4,811,800	7,129,979	6,453,009	7,108,973
Public high schools <sup>1</sup>	915,061	2,200,389	4,399,422	6,601,444	5,724,621	6,280,245
Nonpublic high schools <sup>2</sup>	117,400	213,920	341,158	457,768	672,362	747,323
Subcollegiate departments of institutions of higher education	78,932	81,367	59,287	54,070	38,102	49,467
Residential schools for exceptional children	4,005	<sup>9</sup> 4,500	<sup>7</sup> 4,388	9,727	<sup>8</sup> 9,784	12,600
Federal schools for Indians	( <sup>5</sup> )	( <sup>5</sup> )	7,545	6,970	8,080	8,748
Federal schools on Federal installations	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	600
<b>Higher education</b> <sup>1</sup>	355,215	597,880	1,100,737	1,494,203	2,659,021	2,514,712
Publicly controlled	166,560	315,382	532,647	796,531	1,354,902	1,356,481
Privately controlled	188,655	282,498	568,090	697,672	1,304,119	1,158,231
<b>EXPENDITURES (\$1,000)<sup>10</sup></b>						
Elementary and secondary schools:						
Public <sup>1</sup>	426,250	1,036,151	2,316,790	2,344,049	5,837,643	9,092,449
Nonpublic <sup>1</sup>	53,542	( <sup>5</sup> )	233,277	227,000	782,967	1,354,079
Institutions of higher education:						
Public <sup>1</sup>	91,896	115,597	253,909	<sup>12</sup> 332,592	<sup>12</sup> 1,174,125	<sup>12</sup> 1,616,463
Nonpublic <sup>1</sup>		100,769	343,340	<sup>12</sup> 273,163	<sup>12</sup> 949,150	<sup>12</sup> 1,185,687

<sup>1</sup> Excludes schools of nursing not affiliated with institutions of higher education.<sup>2</sup> Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.<sup>3</sup> 1912 data. <sup>4</sup> U. S. Bureau of the Census, *Current Population Reports*, Series P-20. <sup>5</sup> Not available.<sup>6</sup> Schools for the blind, deaf, mentally deficient, epileptics, and delinquents.<sup>7</sup> 1927 data. <sup>8</sup> 1946 data. <sup>9</sup> 1918 data. <sup>10</sup> Includes capital outlay.<sup>11</sup> Expenditures for all departments, including preparatory.<sup>12</sup> Excludes expenditures for auxiliary enterprises and activities, scholarships, fellowships, prizes and other noneducational current expenditures included in prior years, amounting to \$59,034,000 for public institutions and \$93,665,000 for private institutions for 1940; \$255,474,000 and \$283,743,000 for 1950; and \$295,288,000 and \$316,281,000 for 1954.

## No. 153.—JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1920 TO 1955

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1920	52	8,102	10	2,940	42	5,162
1930	277	55,616	129	36,501	148	19,115
1940	456	149,854	217	107,553	239	42,301
1942	461	141,272	231	100,783	230	40,489
1944	413	89,208	210	60,884	203	28,324
1946	464	156,456	242	109,640	222	46,816
1948	472	240,173	242	178,196	230	61,977
1950	483	242,740	256	187,695	227	55,045
1952 <sup>1</sup>	480	229,991	265	182,870	215	47,121
1954 <sup>1</sup>	495	324,696	270	270,928	225	53,768
1955, November <sup>1</sup>	481	335,894	268	280,889	213	55,005

<sup>1</sup> Excludes public junior colleges (designated as normal schools or teachers colleges) as follows: 1952, 26 colleges, enrollment 1,184; 1954, 23 colleges, enrollment 1,108; 1955, 22 colleges, enrollment 1,314.Source of tables 152 and 153: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

### No. 154.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY AND ENROLLMENT, BY SEX, AND INCOME AND EXPENDITURES: 1940 to 1954

[All money figures in thousands of dollars. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment and total expenditures for earlier years, see table 152]

ITEM	1940	1946 <sup>1</sup>	1948 <sup>1</sup>	1950 <sup>1</sup>	1952 <sup>1</sup>	1954 <sup>1</sup>
Number of institutions reporting staff, enrollment, and degrees conferred.....	1,708	1,768	1,788	1,851	1,832	1,863
<b>Faculty<sup>2</sup>.....</b>	<b>131,552</b>	<b>136,032</b>	<b>196,300</b>	<b>210,349</b>	<b>198,477</b>	<b>265,911</b>
Male.....	94,536	93,876	143,243	157,691	150,041	204,871
Female.....	37,016	42,156	53,057	52,658	48,436	61,040
<b>Resident college enrollment.....</b>	<b>1,494,203</b>	<b>1,676,881</b>	<b>2,616,262</b>	<b>2,659,021</b>	<b>2,301,884</b>	<b>2,514,712</b>
Male.....	803,250	927,662	1,836,339	1,853,068	1,510,650	1,613,466
Female.....	600,953	749,189	779,923	805,953	791,234	901,246
Number of institutions reporting income and expenditures.....	1,609	1,768	1,788	1,851	1,832	1,863
<b>Current income.....</b>	<b>715,211</b>	<b>1,169,394</b>	<b>2,027,052</b>	<b>2,374,645</b>	<b>2,562,461</b>	<b>2,945,550</b>
Educational and general income.....	571,288	924,958	1,538,076	1,833,845	2,020,878	2,338,660
Student fees.....	200,897	214,344	304,601	394,610	446,591	551,424
Endowment earnings.....	71,304	89,703	86,080	96,341	112,859	127,475
Federal Government.....	38,860	197,250	526,476	524,319	451,011	417,007
State governments.....	151,222	225,161	352,281	491,636	611,302	740,042
Local governments.....	24,392	31,005	47,621	61,700	72,013	88,198
Private gifts and grants.....	40,453	77,572	91,468	118,627	149,826	190,899
Organized activities related to instructional departments.....	32,777	67,084	92,725	111,987	136,442	164,880
Miscellaneous.....	11,383	22,779	36,324	34,625	40,835	58,553
Auxiliary enterprises and activities.....	143,923	244,436	465,155	511,265	509,545	574,770
Other noneducational income <sup>3</sup> .....			23,821	29,635	32,027	32,212
Receipts for plant expansion.....	66,209	121,837	364,901	528,747	355,614	468,667
Receipts for increase of funds and other nonexpendable funds.....	44,518	(4)	\$ 75,881	116,932	164,308	106,483
<b>Current expenditures.....</b>	<b>674,689</b>	<b>1,088,422</b>	<b>1,883,269</b>	<b>2,245,661</b>	<b>2,471,008</b>	<b>2,882,864</b>
Educational and general.....	521,990	820,326	1,391,594	1,706,444	1,921,209	2,271,296
Administration and general expense.....	62,827	104,508	171,829	213,070	233,844	288,147
Resident instruction.....	280,248	375,122	657,945	780,994	823,117	960,555
Organized research.....	27,266	86,812	159,060	225,341	317,927	372,643
Libraries.....	19,487	26,560	44,208	56,147	60,612	72,944
Plant operation and maintenance.....	69,612	110,947	201,996	225,110	240,446	277,874
Organized activities related to instruction.....	27,225	60,604	85,346	119,108	147,854	186,905
Extension.....	35,325	55,473	71,180	86,674	97,408	112,227
Auxiliary enterprises and activities.....	124,184	242,028	438,988	476,401	477,672	537,532
Other noneducational expenditures.....	23,514	26,068	52,687	62,816	72,127	74,035
Expenditures for plant expansion.....	83,765	71,403	306,371	416,831	403,317	530,804

<sup>1</sup> Includes estimates for institutions not reporting.

<sup>2</sup> Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff. Prior to 1954 represents "Staff reduced to full-time basis." For 1954, total number of different persons (not reduced to full-time basis); data as of November 1953.

<sup>3</sup> Not reported separately prior to 1948.

<sup>4</sup> Not available.

<sup>5</sup> Represents receipts from private gifts and grants only; other sources of permanent funds comparatively minor.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

### No. 155.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE OF INSTITUTION AND BY SEX: 1956 and 1957

[Enrollment in thousands. Opening (fall) enrollment of degree-credit students. Includes estimates. Includes data for Territories and possessions]

TYPE OF INSTITUTION	1956				1957			
	Total	Male	Female	First time students enrolled	Total	Male	Female	First time students enrolled
<b>All institutions<sup>1</sup>.....</b>	<b>2,947</b>	<b>1,928</b>	<b>1,019</b>	<b>723</b>	<b>3,068</b>	<b>2,003</b>	<b>1,065</b>	<b>730</b>
Universities.....	1,346	963	383	250	1,373	984	390	242
Liberal arts colleges.....	777	434	342	200	827	463	364	205
Independent professional schools:								
Teachers colleges.....	278	133	145	72	295	141	153	75
Technological schools.....	95	89	5	21	98	92	6	20
Theological schools.....	35	29	6	5	36	29	6	5
Other.....	68	54	14	13	71	56	14	14
Junior colleges.....	348	226	122	163	370	238	132	168

<sup>1</sup> Excludes enrollment in 35 two-year institutions devoted wholly or principally to the training of technicians or other semiprofessional personnel.

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall*.

# No. 156.—RETENTION RATE PER 1,000 STUDENTS OF THOSE ATTENDING SCHOOL FROM FIFTH GRADE THROUGH COLLEGE

GRADE OR YEAR	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Elementary: Fifth <sup>1</sup> .....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sixth.....	953	946	954	954	955	963	968	952	954	972	952	959	954
Seventh.....	892	889	895	901	908	916	910	905	909	914	929	944	945
Eighth.....	842	839	849	850	853	846	836	834	847	870	858	875	919
High school: I.....	803	814	839	811	796	781	781	789	807	827	848	872	872
II.....	711	725	704	679	655	673	697	698	713	745	748	766	775
III.....	610	587	554	519	532	552	566	581	604	630	650	662	641
IV.....	512	465	425	428	444	476	507	514	539	557	549	552	583
Graduates.....	467	439	393	398	419	450	481	488	505	524	522	524	553
Year of graduation.....	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
College: I.....	129	119	121	(2)	(2)	(2)	(2)	(2)	205	218	234	266	283
Graduates.....	51	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Year of graduation.....	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958

<sup>1</sup> Fourth grade in 11-grade system; fifth grade in 12-grade system.

<sup>2</sup> Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter I, Statistical Summary of Education.

# No. 157.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND EARNED DEGREES CONFERRED IN NEGRO INSTITUTIONS: 1950, 1954, AND 1956

ITEM	1950	1954	Total	1956				
				Universities, colleges, and professional schools		Teachers colleges <sup>1</sup>	Junior colleges <sup>2</sup>	
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled
Number of institutions.....	105	106	98	21	53	12	4	8
Faculty <sup>3</sup> .....	6,933	7,302	7,724	3,360	3,379	744	81	160
Male.....	4,151	4,495	4,726	2,030	2,152	406	34	84
Female.....	2,782	2,807	2,998	1,310	1,227	338	47	76
RESIDENT COLLEGE STUDENTS								
Regular session:								
Total.....	76,561	75,146	74,761	33,186	29,867	10,144	642	922
Male.....	40,677	31,712	33,915	16,200	13,864	3,111	355	385
Female.....	35,884	43,434	40,846	16,986	16,003	7,033	287	537
Graduate.....	2,304	3,207	2,879	1,585	830	464	-----	-----
Male.....	1,161	1,351	1,105	588	414	103	-----	-----
Female.....	1,143	1,856	1,774	997	416	361	-----	-----
First time in any college.....	21,368	22,563	21,970	10,066	8,092	2,917	344	551
Male.....	10,613	10,060	10,344	5,192	3,742	987	172	251
Female.....	10,755	12,503	11,626	4,874	4,350	1,930	172	300
EARNED DEGREES CONFERRED								
Bachelor's and first professional.....	13,108	11,963	12,084	4,896	5,120	2,068	-----	-----
Male.....	6,467	3,818	4,323	1,935	1,958	430	-----	-----
Female.....	6,641	8,085	7,761	2,961	3,162	1,638	-----	-----
Master's and second professional.....	768	1,306	1,378	950	337	91	-----	-----
Male.....	335	540	537	355	151	31	-----	-----
Female.....	433	766	841	595	186	60	-----	-----
OTHER TYPES OF STUDENTS <sup>4</sup>								
Extension courses.....	-----	4,563	4,596	2,730	1,399	448	-----	19
Correspondence courses.....	-----	-----	183	183	-----	-----	-----	-----
Adult education.....	-----	-----	329	278	-----	-----	51	-----
Terminal occupational education.....	-----	-----	844	656	51	129	-----	8
Short-course enrollments.....	-----	638	441	101	315	-----	-----	25

<sup>1</sup> All publicly controlled.

<sup>2</sup> Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

<sup>3</sup> Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff.

<sup>4</sup> 1956 data as of November 1955.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Higher Education.

No. 158.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND OTHER AREAS: 1957

[Opening (fall) enrollment of degree-credit students. Includes estimates]

STATE OR OTHER AREA	TOTAL ENROLLMENT			FIRST-TIME STUDENTS		
	Total	Male	Female	Total	Male	Female
Continental U. S.	3,036,938	1,985,088	1,051,850	721,547	440,613	280,934
New England.	205,194	137,211	67,983	51,360	33,225	18,135
Maine	10,920	6,808	4,112	3,044	2,011	1,033
New Hampshire	10,704	7,225	3,479	2,454	1,546	908
Vermont	7,844	4,683	3,161	2,524	1,374	1,150
Massachusetts	119,548	80,324	39,224	30,906	20,091	10,815
Rhode Island	15,584	9,990	5,594	3,786	2,500	1,286
Connecticut	40,694	28,181	12,413	8,646	5,703	2,943
Middle Atlantic.	549,542	365,280	184,262	102,309	63,450	38,859
New York	313,851	201,612	112,339	50,556	30,234	20,322
New Jersey	67,852	46,789	21,063	14,138	8,924	5,214
Pennsylvania	167,839	116,979	60,860	37,615	24,292	13,323
East North Central.	593,456	383,437	210,019	133,775	81,140	52,635
Ohio	147,906	95,725	52,181	33,749	20,514	13,235
Indiana	79,613	53,966	25,647	19,750	12,458	7,292
Illinois	166,240	107,644	58,596	36,119	22,032	14,087
Michigan	137,504	88,185	49,319	20,284	17,859	11,395
Wisconsin	62,193	37,917	24,276	14,873	8,247	6,626
West North Central.	288,376	184,443	103,933	73,073	42,501	30,572
Minnesota	67,696	41,878	25,818	14,674	8,219	6,455
Iowa	49,854	31,045	18,809	13,018	7,401	5,617
Missouri	73,683	48,367	25,316	17,380	10,007	7,373
North Dakota	11,156	7,647	3,509	3,504	2,066	1,438
South Dakota	13,788	8,862	4,926	4,078	2,435	1,643
Nebraska	27,106	17,078	10,028	7,443	4,378	3,065
Kansas	45,093	29,566	15,527	12,976	7,995	4,981
South Atlantic.	349,047	223,615	125,432	82,251	47,835	34,416
Delaware	6,101	4,163	1,948	1,144	694	450
Maryland	44,200	30,443	13,757	9,029	5,605	3,424
District of Columbia	38,327	25,610	12,717	5,806	3,498	2,308
Virginia	48,865	28,269	20,590	11,276	5,466	5,810
West Virginia	25,885	16,210	9,675	6,095	4,374	2,621
North Carolina	58,669	36,827	21,842	10,650	6,656	6,994
South Carolina	27,915	17,485	10,430	7,113	4,288	2,825
Georgia	45,645	30,297	15,348	10,835	6,213	4,622
Florida	53,440	34,321	19,119	13,403	8,041	5,362
East South Central.	163,007	102,271	60,736	42,768	25,580	17,188
Kentucky	39,472	23,730	15,742	9,522	5,491	4,031
Tennessee	54,030	34,472	19,558	14,203	8,714	5,579
Alabama	41,534	26,761	14,773	10,290	6,384	3,906
Mississippi	27,971	17,308	10,663	8,663	4,991	3,672
West South Central.	287,534	193,407	94,127	73,363	46,003	27,360
Arkansas	21,257	13,665	7,592	6,176	3,916	2,260
Louisiana	48,492	30,197	18,265	11,467	6,782	4,685
Oklahoma	51,205	36,253	14,952	13,907	9,590	4,317
Texas	166,610	113,292	53,318	41,813	25,715	16,098
Mountain.	135,394	90,982	44,412	35,732	22,034	13,698
Montana	10,354	6,895	3,459	2,935	1,793	1,142
Idaho	10,197	6,748	3,449	3,230	2,073	1,157
Wyoming	5,527	3,707	1,820	1,746	1,055	691
Colorado	39,785	25,671	14,114	8,885	5,151	3,734
New Mexico	14,435	10,624	5,811	3,230	2,220	1,010
Arizona	24,844	16,449	8,395	7,583	4,977	2,606
Utah	27,900	19,343	8,557	7,374	4,297	3,077
Nevada	2,352	1,545	807	749	468	281
Pacific.	455,479	294,542	160,937	124,926	76,855	48,071
Washington	51,032	33,863	17,169	13,066	7,853	5,213
Oregon	36,121	22,489	13,632	9,605	6,115	3,490
California	368,326	238,190	130,136	102,255	62,887	39,368
U. S. Service Academies	9,909	9,900	9	1,990	1,990	-----
Alaska	2,770	1,700	1,070	653	333	320
Canal Zone	280	144	136	146	72	74
Guam	521	282	239	286	155	131
Hawaii	7,665	4,623	3,042	1,679	1,023	656
Puerto Rico	20,243	11,587	8,656	5,414	3,128	2,286

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall, 1957.*



# No. 159.—INSTITUTIONS OF HIGHER EDUCATION—NUMBER, FACULTY, AND ENROLLMENT, BY STATES AND OTHER AREAS: 1956

[See headnote, table 154]

STATE OR OTHER AREA	Number of institutions	FACULTY <sup>1</sup>		RESIDENT ENROLLMENT (degree credit) <sup>2</sup>			Veterans enrolled in degree-credit courses (3)	EARNED DEGREES CONFERRED		
		Male	Female	Total		First-time students		Bachelor's and 1st professional	2nd level (master's except 1st professional)	Doctorates
				Male	Female					
Continental U. S.	1,850	230,342	68,568	1,748,198	889,047	702,012	455,211	308,812	59,258	8,903
New England.....	152	19,420	5,311	121,275	56,118	47,978	26,956	25,611	5,161	911
Maine.....	17	785	276	5,494	2,698	2,637	1,199	1,568	148	—
New Hampshire.....	8	884	248	6,329	2,684	2,620	1,094	1,594	85	—
Vermont.....	14	843	335	4,319	2,953	2,337	663	1,264	172	3
Massachusetts.....	74	11,509	2,826	71,266	33,232	27,493	16,504	15,021	3,548	642
Rhode Island.....	11	1,283	425	8,078	3,668	3,831	2,034	1,693	131	34
Connecticut.....	28	4,116	1,201	25,789	10,883	9,060	5,462	4,471	1,077	232
Middle Atlantic.....	298	46,010	11,498	353,303	163,265	110,125	85,374	60,254	14,257	2,063
New York.....	144	27,464	7,067	207,248	103,953	60,132	48,238	34,170	9,763	1,362
New Jersey.....	38	4,434	1,034	39,523	16,048	13,044	11,080	6,050	1,157	184
Pennsylvania.....	116	14,112	3,397	106,532	43,264	36,949	26,056	20,034	3,337	517
East North Central.....	318	45,546	13,096	341,374	176,900	133,969	82,373	60,094	11,669	2,319
Ohio.....	61	10,982	2,897	86,585	43,619	35,483	21,288	15,093	2,080	353
Indiana.....	40	6,505	1,585	48,184	22,462	21,253	11,443	9,458	2,137	471
Illinois.....	100	14,837	4,394	97,450	51,690	35,217	22,621	16,077	3,402	728
Michigan.....	54	7,345	2,174	75,289	39,327	26,115	17,878	12,696	3,022	433
Wisconsin.....	63	8,874	2,046	33,866	19,802	15,901	9,143	6,677	1,028	354
West North Central.....	236	21,632	7,894	155,714	84,550	72,478	43,439	29,665	4,253	815
Minnesota.....	42	3,920	1,826	31,604	18,699	14,293	9,686	6,708	907	230
Iowa.....	50	4,148	1,451	27,671	15,879	13,352	6,958	5,368	913	254
Missouri.....	51	5,854	1,558	43,271	21,363	18,897	12,134	7,413	953	166
North Dakota.....	12	826	305	6,192	3,062	3,323	2,016	1,109	166	8
South Dakota.....	15	852	324	6,779	3,557	3,678	2,135	1,286	188	—
Nebraska.....	22	2,377	826	15,185	8,482	6,793	4,096	3,070	374	50
Kansas.....	44	3,055	1,304	25,012	13,508	12,142	6,414	4,711	752	77
South Atlantic.....	277	28,369	9,579	194,700	108,712	81,742	54,233	37,634	5,668	783
Delaware.....	4	525	114	2,603	1,590	1,127	713	390	157	24
Maryland.....	32	4,750	1,240	27,706	12,417	8,916	6,457	4,167	615	166
District of Columbia.....	24	3,891	914	25,091	11,941	5,396	6,864	3,539	1,020	155
Virginia.....	40	3,519	1,491	22,478	15,873	11,047	4,876	5,066	458	59
West Virginia.....	20	1,295	502	13,981	8,439	7,004	4,499	2,709	437	9
North Carolina.....	55	4,423	1,985	31,433	19,002	15,707	8,998	7,262	1,144	204
South Carolina.....	30	1,898	817	15,224	8,780	7,143	3,829	4,077	322	13
Georgia.....	47	4,172	1,326	27,031	15,062	11,420	8,087	5,186	648	24
Florida.....	25	3,896	1,130	29,153	15,003	13,982	10,030	5,158	847	119
East South Central.....	149	11,803	5,208	85,816	52,389	38,828	26,454	19,626	3,082	178
Kentucky.....	40	2,128	1,150	20,808	13,286	9,014	5,631	4,380	596	52
Tennessee.....	44	4,371	1,601	23,109	16,239	12,171	7,742	6,341	1,419	100
Alabama.....	26	2,864	1,387	21,236	12,995	9,096	7,927	5,510	582	22
Mississippi.....	39	2,240	1,064	15,163	9,869	8,547	5,154	3,395	485	4
West South Central.....	166	18,201	6,304	174,377	85,376	72,681	50,373	30,768	6,727	465
Arkansas.....	19	1,828	579	11,959	6,276	5,685	3,638	2,734	489	12
Louisiana.....	20	3,787	1,353	27,222	16,004	11,672	6,512	5,807	642	96
Oklahoma.....	31	3,084	1,043	32,830	13,617	14,183	10,891	5,650	1,418	79
Texas.....	66	9,802	3,329	102,366	49,479	41,138	29,332	16,517	4,178	278
Mountain.....	96	9,190	2,519	72,503	36,581	32,613	21,645	13,039	2,810	244
Montana.....	11	800	295	6,013	3,198	2,779	1,973	1,031	143	2
Idaho.....	7	709	227	5,764	2,719	3,133	1,676	1,065	133	—
Wyoming.....	2	353	146	2,877	1,584	1,407	762	495	131	11
Colorado.....	21	3,085	819	20,659	11,284	9,099	5,513	4,301	1,190	148
New Mexico.....	9	1,000	259	7,847	2,625	2,762	2,470	1,180	381	11
Arizona.....	7	959	273	11,114	5,599	4,893	3,351	1,949	483	11
Utah.....	8	2,058	465	16,858	8,440	7,581	5,558	2,818	317	61
Nevada.....	1	226	35	1,371	832	959	342	200	27	—
Pacific.....	183	29,004	7,139	241,365	125,155	109,560	64,366	30,715	5,564	1,125
Washington.....	26	3,411	1,263	28,198	14,285	12,745	7,436	5,671	640	154
Oregon.....	20	2,656	820	19,152	10,322	9,069	4,879	3,581	655	107
California.....	131	22,937	5,056	194,015	100,548	87,746	52,049	21,463	4,269	864
U. S. Service Academies.....	5	1,167	20	8,271	1,548	2,038	—	1,516	67	—
Alaska.....	1	51	1,122	563	416	368	88	39	6	—
Canal Zone.....	1	11	323	100	94	124	16	—	—	—
Guam.....	1	7	242	96	140	70	4	—	—	—
Hawaii.....	1	135	6,273	2,891	2,449	1,503	966	663	163	—
Puerto Rico.....	4	703	17,629	9,671	7,808	5,374	3,881	1,784	13	—

<sup>1</sup> See footnote 3, table 157.<sup>2</sup> November 1955.

<sup>3</sup> Resident and extension. Data are included, as appropriate, in columns giving data on resident enrollment.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 4, Statistics of Higher Education.

**NO. 160.—INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME, AND EXPENDITURES, BY STATES AND OTHER AREAS: 1954**

[In thousands of dollars]

STATE OR OTHER AREA	Value of plant and plant funds <sup>1</sup>	NONEXPENDABLE FUNDS		INCOME FOR—			EXPENDITURES	
		Endow- ment and an- nuity <sup>2</sup>	Student loan	Current opera- tions	Nonex- pend- able funds	Plant expan- sion	Current opera- tions	Plant expan- sion
<b>Continental U. S.</b> .....	7,995,295	3,261,142	49,085	2,945,550	190,903	468,667	2,882,864	530,804
<b>New England</b> .....	721,120	711,718	8,679	268,772	36,933	25,688	263,635	32,257
Maine.....	35,616	22,090	174	11,210	920	966	11,010	2,017
New Hampshire.....	29,775	37,289	516	14,497	1,874	1,220	14,233	778
Vermont.....	24,402	15,604	660	11,337	738	475	10,922	780
Massachusetts.....	377,464	494,466	5,462	108,370	21,645	11,501	165,806	16,720
Rhode Island.....	40,063	26,205	192	15,924	776	2,850	16,370	1,139
Connecticut.....	208,170	178,054	1,785	47,434	11,280	8,676	45,285	10,823
<b>Middle Atlantic</b> .....	1,323,975	731,316	7,953	508,734	34,697	79,560	502,386	71,090
New York.....	672,469	414,029	4,156	297,849	12,912	50,974	293,379	39,669
New Jersey.....	168,413	111,658	1,285	51,035	4,546	5,970	50,493	5,880
Pennsylvania.....	483,093	205,629	2,612	159,850	17,239	22,616	158,574	25,501
<b>East North Central</b> .....	1,583,707	474,624	8,361	605,846	30,853	112,634	598,803	102,803
Ohio.....	359,017	134,143	2,480	123,659	12,252	27,192	122,204	18,871
Indiana.....	299,033	51,521	885	92,185	2,874	26,252	88,972	18,806
Illinois.....	452,780	220,879	2,221	193,031	11,545	25,977	189,808	31,674
Michigan.....	384,719	43,015	1,930	139,807	2,174	25,688	137,749	21,614
Wisconsin.....	103,188	25,866	738	57,164	2,008	7,525	59,980	11,938
<b>West North Central</b> .....	743,975	190,342	4,695	279,015	9,737	35,393	268,928	49,731
Minnesota.....	183,759	68,178	1,090	70,378	5,031	6,465	68,681	9,620
Iowa.....	134,231	25,326	689	63,784	612	8,215	62,073	6,723
Missouri.....	195,407	60,180	1,680	58,338	2,756	8,488	57,517	9,927
North Dakota.....	39,982	6,809	140	10,538	111	1,255	9,675	2,829
South Dakota.....	27,934	5,484	161	10,816	66	609	10,530	1,458
Nebraska.....	57,623	10,478	428	27,557	256	4,379	26,086	4,790
Kansas.....	105,039	13,887	507	37,604	1,005	5,892	33,457	11,384
<b>South Atlantic</b> .....	1,115,103	338,862	6,761	373,206	17,350	68,052	360,481	73,618
Delaware.....	17,458	9,986	42	6,387	1,813	2,736	5,635	3,284
Maryland.....	141,066	57,814	224	61,440	1,893	14,016	60,080	14,307
District of Columbia.....	101,146	19,043	315	37,016	890	3,448	36,858	3,632
Virginia.....	158,105	61,389	1,242	55,377	3,147	8,298	54,301	10,423
West Virginia.....	73,498	4,694	133	22,376	182	1,616	18,133	2,880
North Carolina.....	267,940	98,294	1,855	73,287	3,218	15,369	72,055	16,514
South Carolina.....	98,167	18,654	304	28,153	283	9,006	27,038	4,569
Georgia.....	134,537	63,529	1,905	41,868	3,981	7,331	40,609	8,459
Florida.....	123,186	10,259	741	47,302	1,943	6,232	45,172	9,490
<b>East South Central</b> .....	432,054	150,167	3,569	143,990	5,705	24,744	140,987	26,912
Kentucky.....	113,902	44,009	807	32,179	1,217	7,070	31,530	5,089
Tennessee.....	145,587	71,556	1,407	47,241	3,805	12,677	44,340	13,070
Alabama.....	97,572	26,471	1,012	38,348	635	2,063	37,319	4,149
Mississippi.....	74,993	8,131	253	26,222	48	2,334	25,798	4,604
<b>West South Central</b> .....	765,722	379,130	4,321	235,897	41,773	51,656	227,591	69,587
Arkansas.....	61,036	10,158	425	21,680	1,928	6,740	20,849	5,506
Louisiana.....	129,362	32,908	486	45,112	1,393	5,377	44,694	12,174
Oklahoma.....	147,055	19,007	1,122	43,636	1,055	4,642	41,661	6,703
Texas.....	429,270	317,057	2,290	125,469	37,397	34,897	120,387	45,204
<b>Mountain</b> .....	301,172	49,326	1,296	109,848	1,814	22,169	106,446	25,244
Montana.....	31,157	6,136	81	9,759	148	2,376	9,480	2,816
Idaho.....	32,265	9,114	76	9,056	69	360	8,870	1,808
Wyoming.....	19,127	6,300	177	6,227	970	949	5,781	1,309
Colorado.....	88,350	10,000	559	35,172	333	7,817	37,881	8,937
New Mexico.....	34,479	13,403	35	13,316	193	2,477	12,851	1,719
Arizona.....	35,485	1,659	64	12,877	41	920	12,597	2,703
Utah.....	54,755	1,593	204	21,080	60	6,342	20,603	6,792
Nevada.....	5,554	1,121	100	2,361	-----	928	2,383	100
<b>Pacific</b> .....	883,607	235,661	3,451	388,563	12,039	48,495	381,926	79,445
Washington.....	141,643	27,102	342	50,345	352	7,449	47,852	10,830
Oregon.....	69,358	10,038	690	30,447	327	6,069	29,066	7,785
California.....	648,006	198,526	2,419	307,761	11,360	34,977	305,008	60,830
<b>U. S. Service Academies</b> .....	124,862	-----	-----	31,683	-----	272	31,680	111
Alaska.....	4,265	19	30	2,002	10	543	1,963	275
Canal Zone.....	317	-----	-----	113	-----	-----	113	-----
Hawaii.....	10,736	228	27	5,393	13	140	5,059	355
Puerto Rico.....	21,865	1,985	50	13,127	345	989	12,387	1,695

<sup>1</sup> Grounds, buildings, equipment, and unexpended plant funds.

<sup>2</sup> Includes other nonexpendable funds except student loans.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*, Chapter 4, Statistics of Higher Education.

## No. 161.—EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1956

[Data for 1946 and prior years are for continental United States; data beginning with 1948 include Alaska, Hawaii, and Puerto Rico]

YEAR	Total	Bachelor's and first professional degrees	Second-level degrees	Doctorate	YEAR	Total	Bachelor's and first professional degrees	Second-level degrees	Doctorate
1940.....	216,521	186,500	26,731	3,290	1951.....	456,822	384,352	65,132	7,338
1942.....	213,491	185,346	24,648	3,497	1952.....	403,194	331,924	63,587	7,683
1944.....	141,582	125,863	13,414	2,305	1953.....	374,189	304,857	61,023	8,309
1946.....	157,349	136,174	19,209	1,966	1954.....	358,699	292,880	56,823	8,996
1948.....	318,749	272,144	42,417	4,188	1955.....	354,445	287,401	58,204	8,840
1949.....	422,754	366,634	50,827	5,293	1956.....	379,641	311,298	59,440	8,903
1950.....	498,586	433,734	58,219	6,633					

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 499, *Earned Degrees Conferred by Higher Educational Institutions, 1955-56*.

## No. 162.—LAND-GRANT INSTITUTIONS—FINANCES AND STUDENTS: 1956

[Income and expenditure figures for year ending June 30; student figures as of November 1955. Land-grant colleges and universities are so called because public lands were granted to the States for their establishment or support. They all conform to certain broad policy stipulations of Federal law]

ITEM	52 institutions	17 institutions <sup>1</sup>	ITEM	Total	Male	Female
INCOME (\$1,000)			STUDENTS			
Total, current.....	1,085,220	30,048	52 institutions:			
Educational and general.....	915,465	22,173	Resident and extension, total.....	557,577	404,034	153,543
Student tuition and fees.....	93,821	2,807	Degree-credit.....	507,945	365,091	142,854
Federal Government.....	244,639	600	Resident.....	442,484	325,911	116,573
From Veterans Adm.....	1,915	80	Undergraduate.....	387,878	282,712	105,166
Regular appropriations.....	72,144	473	Graduate.....	54,606	43,199	11,407
Grants or contractual amounts for research.....	165,721	36	Extension.....	65,461	39,180	26,281
Other grants or payments.....	4,859	12	Nondegree-credit.....	49,632	38,943	10,689
State governments.....	439,368	17,589	Resident.....	5,778	4,333	1,445
Local governments.....	5,529	141	Adult education.....	3,409	2,163	1,246
Endowment earnings.....	12,788	23	Terminal occupational.....	2,369	2,170	199
Private gifts and grants.....	39,357	62	Extension.....	43,854	34,610	9,244
Sales and services of organized activities.....	57,644	811	Other enrollments, total.....	75,793	48,376	27,417
Miscellaneous.....	21,918	136	Correspondence.....	44,862	24,813	20,049
Auxiliary enterprises.....	160,594	7,573	Degree-credit.....	35,624	18,705	16,919
Scholarships, fellowships, and prizes.....	9,161	302	Nondegree-credit.....	9,238	6,108	3,130
			Short courses.....	30,321	23,393	6,928
			Individual lessons only.....	610	170	440
EXPENDITURES (\$1,000)			17 institutions: <sup>1</sup>			
Total, current.....	1,063,667	29,277	Resident and extension, total.....	28,476	13,876	14,600
Educational and general.....	897,363	21,841	Degree-credit.....	26,867	12,838	14,029
Administration and general.....	67,191	2,888	Resident.....	25,273	12,518	12,755
Instruction and departmental research.....	285,368	11,773	Undergraduate.....	24,133	12,110	12,023
Organized research.....	269,812	27	Graduate.....	1,140	408	732
Extension and public services.....	113,931	235	Extension.....	1,694	320	1,274
Libraries.....	19,938	748	Nondegree-credit.....	1,609	1,038	571
Operation and maintenance of the physical plant.....	75,424	4,691	Resident.....	833	609	224
Organized activities related to educational departments.....	65,699	1,479	Adult education.....	264	81	183
Auxiliary enterprises.....	151,995	6,937	Terminal occupational.....	569	528	41
Scholarships, fellowships, and prizes.....	14,308	499	Extension.....	776	429	347
			Other enrollments.....	260	100	160
			Correspondence.....	109	25	84
			Degree-credit.....	109	25	84
			Nondegree-credit.....			
			Short courses.....	101	38	63
			Individual lessons only.....	50	37	13

<sup>1</sup> Attended predominantly by Negro students.Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Land-Grant Colleges and Universities*, bulletin 1958, No. 2.

# No. 163.—EARNED DEGREES CONFERRED, BY FIELD OF STUDY, LEVEL OF DEGREE, AND SEX: 1956

(Includes Alaska, Hawaii, and Puerto Rico)

MAJOR FIELD OF STUDY	BACHELOR'S AND FIRST PROFESSIONAL DEGREES <sup>1</sup>			SECOND-LEVEL DEGREES <sup>2</sup>			DOCTORATE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All fields.....	311,298	199,571	111,727	59,440	39,413	20,027	8,903	8,018	885
Agriculture.....	5,141	5,030	111	839	823	16	345	339	6
Animal husbandry.....	1,318	1,296	22	152	150	2	46	45	1
All other.....	3,823	3,734	89	687	673	14	299	294	5
Architecture (excluding architectural engineering).....	1,443	1,373	70	199	182	17	2	2	---
Biological sciences <sup>3</sup> .....	12,566	9,607	2,959	1,759	1,379	380	1,025	908	117
Biological and pre-medical, general.....	4,490	3,946	544	76	67	9	13	13	---
Biology, general.....	5,001	3,441	1,560	371	263	108	109	88	21
Zoology, general.....	1,769	1,324	445	293	223	70	148	128	20
All other.....	1,306	896	410	1,019	826	193	755	679	76
Business and commerce.....	42,195	38,101	4,094	3,106	2,953	153	121	121	---
Accounting.....	8,828	8,409	419	439	423	16	7	7	---
Other specific major fields.....	16,178	15,060	1,118	1,622	1,547	75	62	62	---
General, without major specialization.....	12,882	11,568	1,024	734	691	43	38	38	---
All other.....	4,307	2,774	1,533	311	292	19	14	14	---
Education.....	70,616	19,883	50,733	30,138	16,005	14,133	1,583	1,301	282
Specialized teaching fields.....	26,884	13,801	13,083	5,904	3,567	2,337	359	290	69
General teaching fields.....	42,347	5,685	36,662	9,788	3,470	6,328	228	179	49
Nonteaching fields.....	170	83	87	12,293	7,673	4,620	912	769	143
All other.....	1,215	314	901	2,143	1,295	848	84	63	21
Engineering.....	26,312	26,236	76	4,724	4,705	19	610	610	---
English and journalism.....	16,842	7,131	9,711	2,074	1,117	957	388	329	59
English and literature (including comparative literature).....	14,406	5,530	8,876	1,892	969	923	382	323	59
Journalism.....	2,436	1,601	835	182	148	34	6	6	---
Fine and applied arts.....	11,214	5,044	6,170	2,360	1,460	900	235	204	31
Music.....	3,070	1,283	1,787	1,075	700	375	81	73	8
Speech and dramatic arts.....	3,434	1,632	1,802	702	385	317	127	110	17
All other.....	4,710	2,129	2,581	553	375	208	27	21	6
Foreign languages and literature.....	3,979	1,512	2,467	898	481	417	253	203	50
Forestry.....	976	972	4	199	198	1	34	34	---
Geography.....	651	534	117	161	129	32	46	43	3
Health professions.....	22,379	14,773	7,606	1,271	849	422	144	137	7
Dentistry, D. D. S. and D. M. D. only.....	3,009	2,975	34	---	---	---	---	---	---
Medicine, M. D. only.....	6,853	6,498	355	---	---	---	---	---	---
Nursing.....	5,315	50	5,265	240	1	239	---	---	---
Pharmacy (excl. pharmacology).....	3,337	2,974	363	134	122	12	63	61	2
All other.....	3,865	2,276	1,589	897	726	171	81	76	5
Home economics.....	4,708	35	4,673	451	9	442	33	5	28
Law (LL. B., J. D., or higher degrees).....	8,285	7,994	291	427	399	28	27	27	---
Library science.....	1,592	359	1,233	173	30	143	15	14	1
Mathematical subjects.....	4,660	3,137	1,523	898	719	179	235	225	10
Military, naval, or air force science.....	1,577	1,576	1	---	---	---	---	---	---
Philosophy.....	2,668	2,343	325	267	238	29	82	77	5
Physical sciences <sup>4</sup> .....	11,672	10,171	1,501	2,655	2,435	220	1,667	1,599	68
Chemistry (excl. biochemistry).....	6,178	4,996	1,182	1,164	1,035	129	986	934	52
Physics.....	2,335	2,233	102	742	719	23	470	462	8
Geology.....	2,138	2,060	78	491	478	13	128	127	1
All other.....	1,021	882	139	258	203	55	83	76	7
Psychology.....	5,665	3,108	2,557	973	690	283	634	548	86
Religion.....	8,146	6,797	1,349	1,089	895	194	217	202	15
Religious education and Bible.....	2,893	1,866	1,027	355	193	162	36	27	9
Theology.....	4,397	4,332	65	620	610	10	121	119	2
All other.....	556	509	257	114	92	22	58	56	2
Social sciences <sup>5</sup> .....	40,313	27,825	12,488	4,408	3,443	965	1,124	1,015	109
Social sciences, general.....	6,352	4,033	2,319	560	421	139	26	23	3
Economics (excl. agric. econ.).....	6,584	5,908	676	581	525	56	232	221	11
History.....	10,540	7,339	3,201	1,114	808	306	259	232	27
Political science or government.....	5,670	4,561	1,109	509	434	75	203	188	15
Sociology.....	5,916	2,553	3,363	402	275	127	170	141	4
Social work, social administration.....	1,770	598	1,172	150	58	92	9	5	20
All other.....	3,481	2,833	648	1,092	922	170	225	205	29
Trade and industrial training.....	978	969	9	---	---	---	---	---	---
Miscellaneous.....	6,720	5,061	1,659	371	274	97	83	75	8

<sup>1</sup> Includes master's degrees when they constitute the first-professional degree in their respective fields.

<sup>2</sup> Excludes such degrees as master of library science, master of social work, master of business administration, etc., when these constitute first-professional degrees. <sup>3</sup> Excludes psychology, listed independently.

<sup>4</sup> Excludes geography, listed independently.

<sup>5</sup> Excludes geography, philosophy, and psychology, listed independently.

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 499, *Earned Degrees Conferred by Higher Educational Institutions, 1955-56*.

# No. 164.—SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, BY TYPE OF CHILD: 1948 AND 1953

[Covers public elementary and secondary day schools. Excludes data for truant, delinquent, and maladjusted children; home- and hospital-bound children; and exceptional children enrolled in residential schools]

TYPE	1948					1953				
	States reporting	Places reporting	Enrollment		Teachers <sup>1</sup>	States reporting	Places reporting	Enrollment		Teachers <sup>1</sup>
			Elementary schools	Secondary schools				Elementary schools	Secondary schools	
<b>Total</b> .....	149	973	294,624	43,505	9,665	149	1,785	389,158	108,058	14,316
Mentally retarded.....	46	714	74,512	12,518	4,961	48	1,244	84,878	28,687	7,067
Speech-defective.....	40	450	173,246	9,062	1,256	49	1,087	254,179	62,568	2,256
Crippled.....	36	269	13,288	1,222	1,018	45	596	15,924	1,889	1,498
Hard-of-hearing.....	34	256	8,580	1,865	421	46	497	9,680	2,252	480
Partially seeing.....	33	239	6,466	1,190	595	39	408	6,544	1,470	647
Special health problems <sup>4</sup> .....	29	103	10,321	604	468	40	330	10,166	1,289	868
Deaf.....	29	102	3,217	297	269	34	185	3,446	489	479
Blind.....	13	31	414	115	55	19	67	658	181	95
Mentally gifted.....	9	14	4,080	16,632	622	15	27	3,683	19,233	926

<sup>1</sup> Comprises full-time and part-time teachers. A teacher serving more than one type of exceptional child is reported only with the type to which she devotes the major portion of her time.

<sup>2</sup> Includes District of Columbia.

<sup>3</sup> Total number of different places reporting a program for one or more of the specified types of exceptional children; not the sum of the figures reported in the column.

<sup>4</sup> Not reported in the 1947-48 survey. Figures for 1948 are the sum of those for "delicate" and "epileptic."

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Special Education for Exceptional Children.

# No. 165.—PUBLIC LIBRARY SYSTEMS—SELECTED DATA: 1955 AND 1956

[For fiscal years]

ITEM	IN CITIES OF 1,000,000 OR MORE		IN CITIES OF 100,000 TO 999,999		IN CITIES OF 50,000 TO 99,999		County and regional libraries serving 50,000 or more, 1956
	1955	1956	1955	1956	1955	1956	
Population served <sup>1</sup> .....1,000.....	17,404	17,404	29,274	29,788	9,512	9,516	16,952
Number of volumes added during year.....1,000.....	1,517	1,654	2,760	2,934	881	970	1,450
By purchase.....do.....	1,240	1,353	1,789	1,771	653	720	1,209
By other means.....do.....	142	168	150	149	67	53	68
Undistributed.....do.....	135	133	822	1,013	161	197	173
Per capita.....	0.087	0.095	0.094	0.098	0.093	0.102	0.086
Number of volumes at end of year .....1,000.....	13,400	13,589	43,516	44,501	13,193	13,510	14,811
Per capita.....	0.77	0.78	1.49	1.49	1.39	1.42	0.87
Circulation.....1,000.....	50,773	53,026	120,676	125,761	43,035	44,843	64,584
Adult.....do.....	27,910	28,642	51,845	49,365	18,960	18,758	21,755
Juvenile.....do.....	18,365	18,945	55,605	54,986	21,962	21,784	29,693
Undistributed.....do.....	4,498	5,439	13,226	21,410	2,113	4,301	13,135
Per capita.....	2.92	3.05	4.12	4.22	4.52	4.71	3.81
Operating ex. expenditures <sup>2</sup> .....\$1,000.....	26,447	29,273	55,687	59,678	13,479	14,308	16,415
Per capita.....	\$1.52	\$1.68	\$1.90	\$2.00	\$1.43	\$1.61	\$0.97
Salaries (incl. building staff) .....\$1,000.....	18,838	20,469	41,245	43,817	9,090	9,731	10,493
Percent of total operating ex- penditures.....	71.2	69.9	74.1	73.4	67.4	68.0	63.9
Books and periodicals.....\$1,000.....	3,675	3,607	6,752	7,287	2,069	2,206	3,192
Percent of total operating ex- penditures.....	13.9	12.3	12.1	12.2	15.3	15.4	19.4

<sup>1</sup> Based on 1950 Census. Area served may include city and adjacent territory.

<sup>2</sup> Includes expenditures not shown separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public Libraries in Cities with Populations of 100,000 or More*, *Statistics of Public Library Systems in Cities with Population of 50,000 to 99,999*, and *Statistics of County and Regional Libraries Serving Populations of 50,000 or More*.

**No. 166.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT IN SUMMER SESSION AND IN EXTENSION AND CORRESPONDENCE WORK: 1920 TO 1954**

YEAR	Summer session <sup>1</sup>	Extension and correspondence <sup>2</sup>	YEAR	Summer session <sup>1</sup>	Extension and correspondence <sup>2</sup>
1920	132,489	101,682	1938	429,864	371,173
1922	220,311	155,163	1940	456,679	362,381
1924	278,125	194,147	1942	426,849	362,387
1926	340,461	324,819	1944	479,326	343,338
1928	382,776	360,246	1946	515,602	535,957
1930	388,755	354,133	1948	955,429	759,909
1932	414,260	440,186	1950	943,021	848,695
1934	303,754	253,991	1952	880,752	843,923
1936	370,026	297,921	1954	796,970	* 435,417

<sup>1</sup> For odd years, 1919, 1921, etc.

<sup>2</sup> Collegiate and noncollegiate students.

<sup>3</sup> Extension enrollment only. Enrollment in correspondence courses was 136,606 in November 1953.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

**No. 167.—VOCATIONAL PROGRAMS, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY TYPE OF PROGRAM AND BY SEX: 1930 TO 1956**

[For years ending June 30. Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade. These acts, administered by Office of Education, provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Includes Hawaii beginning 1930, Puerto Rico beginning 1940, and Alaska and Virgin Islands beginning 1955]

ITEM AND SEX	TEACHERS <sup>1</sup>					STUDENTS				
	1930	1940	1950	1955	1956	1930	1940	1950	1955	1956
<b>Total, all programs</b>			62,959	77,062	78,707	981,882	2,290,741	3,364,613	3,314,255	3,413,159
Male						603,514	1,279,109	1,715,699	1,700,552	1,731,781
Female						378,368	1,011,632	1,648,914	1,613,703	1,681,378
Evening	9,842	17,744	20,902	30,722	31,255	323,154	728,937	1,520,971	1,389,000	1,456,327
Part-time	5,468	14,600	12,324	11,583	12,981	407,285	525,355	596,295	396,184	399,303
All-day	9,245	24,917	29,733	34,757	34,471	241,486	1,022,284	1,243,419	1,529,071	1,557,529
Day-unit course	319	658	(2)	(2)	(2)	9,957	14,162	3,928	(2)	(2)
<b>Agriculture</b>			13,852	20,277	20,469	188,311	584,133	764,975	776,138	785,599
Male						180,490	583,034	764,975	776,138	785,599
Female						7,821	1,099			
Evening	1,878	4,976	3,149	6,481	6,524	60,462	192,246	345,007	272,363	277,849
Part-time	306	3,727	1,240	2,807	2,833	4,164	62,489	43,071	46,811	47,450
All-day	4,346	8,450	9,463	10,989	11,112	113,728	318,223	373,113	456,904	460,300
Day-unit course	819	568	(2)	(2)	(2)	9,957	11,175	3,784	(2)	(2)
<b>Trades and industry</b>			25,511	29,895	29,036	618,604	758,409	804,602	870,954	883,719
Male						422,575	602,182	687,847	762,643	773,629
Female						196,029	156,227	116,755	108,311	110,090
Evening	5,030	5,769	8,312	12,678	11,509	165,317	167,908	269,734	421,321	439,640
Part-time	4,981	9,449	8,671	6,448	7,556	381,898	383,579	512,129	195,702	197,381
All-day	3,054	6,940	8,528	10,769	9,971	71,389	206,922	222,739	258,931	246,695
<b>Home economics</b>			19,657	23,752	24,955	174,967	818,766	1,430,366	1,431,808	1,486,816
Male						449	24,746	70,336	50,918	47,784
Female						174,518	794,020	1,360,030	1,380,890	1,439,032
Evening	2,034	4,857	6,978	9,811	10,548	97,375	245,850	666,676	530,725	565,753
Part-time	181	1,192	937	942	1,019	21,223	72,790	115,979	82,907	70,532
All-day	1,845	9,527	11,742	12,699	13,388	56,569	497,139	647,567	818,176	850,531
Day-unit course		90	(2)	(2)	(2)		2,987	144	(2)	(2)
<b>Distributive occupations</b>			3,939	3,138	4,247		129,433	364,670	235,355	257,025
Male							69,147	192,541	110,853	124,769
Female							60,286	172,129	124,502	132,256
Evening		2,142	2,463	1,752	2,674		122,933	239,554	164,591	173,085
Part-time		232	1,476	1,386	1,573		6,500	125,116	70,764	83,940

<sup>1</sup> Totals omitted for 1930 and 1940 because of duplications in State reports by types of schools.

<sup>2</sup> Included with data for all-day units.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

**No. 168.—VOCATIONAL PROGRAMS, FEDERALLY AIDED—EXPENDITURES OF FEDERAL, STATE, AND LOCAL FUNDS, 1920 TO 1956, AND BY STATES AND OTHER AREAS, 1956**

[In thousands of dollars. For years ending June 30. For 1920 and 1930, total includes expenditures for teacher-training not shown separately; beginning 1940, expenditures for teacher-training included in respective programs. See headnote, table 167]

YEAR AND STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION		AGRICULTURAL EDUCATION		TRADE AND INDUSTRIAL EDUCATION		HOME ECONOMICS EDUCATION		DISTRIBUTIVE OCCUPATION	
	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral
1920.....	8,535	2,477	2,437	890	3,397	700	1,054	156	-----	-----
1930.....	29,909	7,404	8,743	3,174	8,815	1,719	4,382	678	-----	-----
1940.....	55,080	20,004	18,373	7,346	22,561	7,105	13,072	4,916	1,074	637
1950.....	128,717	26,623	38,523	10,087	47,869	8,612	36,916	6,241	5,408	1,683
1953.....	145,951	25,366	47,490	10,105	50,507	8,572	43,114	6,279	4,839	411
1954.....	151,289	25,419	49,976	10,117	50,916	8,627	45,291	6,257	5,105	417
1955.....	164,761	30,351	53,707	11,826	55,560	9,999	49,481	7,701	6,033	825
1956 <sup>1</sup>										
Total.....	175,886	33,180	56,658	12,668	59,522	10,694	53,282	8,389	6,424	1,430
Alabama.....	4,292	898	1,831	469	870	169	1,482	235	110	26
Arizona.....	1,091	181	275	62	373	54	410	50	34	15
Arkansas.....	2,879	657	1,393	381	275	82	1,141	177	70	16
California.....	11,070	1,620	2,299	367	5,275	816	2,939	347	557	91
Colorado.....	1,565	284	367	106	632	88	579	75	88	15
Connecticut.....	2,333	315	145	67	1,907	163	246	68	36	17
Delaware.....	847	165	181	52	287	55	310	43	69	15
District of Columbia.....	446	110	18	9	283	46	115	40	30	15
Florida.....	5,214	515	1,196	149	2,163	197	1,722	145	142	24
Georgia.....	5,860	964	2,764	479	575	189	2,427	266	94	30
Idaho.....	942	193	401	85	253	54	276	48	12	6
Illinois.....	8,027	1,461	2,725	422	2,259	648	2,772	316	271	75
Indiana.....	4,401	872	1,356	349	1,375	261	1,582	228	89	34
Iowa.....	3,057	741	1,539	381	432	141	999	197	87	22
Kansas.....	2,111	484	1,017	224	386	119	633	125	75	16
Kentucky.....	2,700	908	1,200	480	442	151	992	256	96	21
Louisiana.....	4,737	653	1,769	289	1,268	174	1,560	167	140	23
Maine.....	546	190	180	78	113	46	247	63	6	3
Maryland.....	1,684	403	325	117	1,018	163	269	103	72	20
Massachusetts.....	6,648	638	625	87	4,915	376	1,000	134	109	40
Michigan.....	6,207	1,182	1,579	383	2,325	454	1,914	289	389	55
Minnesota.....	4,282	762	1,678	364	1,223	176	1,225	197	166	26
Mississippi.....	3,455	826	1,681	509	407	84	1,302	214	65	19
Missouri.....	3,494	929	1,200	423	938	247	1,140	226	208	34
Montana.....	766	189	328	74	144	52	244	48	50	15
Nebraska.....	1,419	379	712	191	184	71	467	101	56	15
Nevada.....	432	151	115	48	191	41	169	48	47	14
New Hampshire.....	439	155	125	56	130	46	166	44	19	9
New Jersey.....	3,784	944	582	92	2,400	417	692	93	110	41
New Mexico.....	853	190	365	73	166	52	271	50	51	15
New York.....	9,298	2,070	1,072	368	6,867	1,253	1,014	322	345	127
North Carolina.....	6,050	1,288	3,004	680	706	204	2,165	369	175	35
North Dakota.....	871	257	312	123	193	52	335	66	31	16
Ohio.....	5,383	1,478	1,697	477	2,216	566	1,269	366	200	68
Oklahoma.....	4,596	582	2,254	275	835	137	1,359	150	149	19
Oregon.....	1,705	345	505	130	681	99	444	101	76	15
Pennsylvania.....	8,547	1,798	1,818	464	4,889	784	1,527	470	313	80
Rhode Island.....	421	138	49	24	279	69	90	43	3	1
South Carolina.....	3,584	656	1,612	345	600	110	1,274	183	99	18
South Dakota.....	817	253	341	123	127	53	316	61	34	15
Tennessee.....	4,350	959	1,640	496	945	181	1,655	253	110	28
Texas.....	14,795	1,671	6,251	669	1,579	507	6,184	429	781	66
Utah.....	1,064	172	321	57	467	55	233	46	42	15
Vermont.....	525	168	158	57	193	53	141	43	32	15
Virginia.....	4,765	857	1,487	383	1,193	205	1,765	241	320	28
Washington.....	3,644	475	929	160	1,380	171	1,190	123	145	20
West Virginia.....	1,812	547	535	231	668	118	563	180	46	17
Wisconsin.....	4,562	819	1,628	362	1,478	214	1,366	213	91	29
Wyoming.....	573	165	245	53	119	52	171	45	39	15
Alaska.....	53	26	1	( <sup>2</sup> )	10	5	41	20	1	( <sup>2</sup> )
Hawaii.....	863	166	228	55	368	51	223	45	44	15
Puerto Rico.....	1,942	592	599	267	675	99	632	209	36	17
Virgin Islands.....	80	40	5	2	43	22	27	14	4	2

<sup>1</sup> Provisional. <sup>2</sup> Less than \$500.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

**No. 169.—VOCATIONAL PROGRAMS, FEDERALLY AIDED—STUDENTS ENROLLED, BY TYPE OF PROGRAM, BY STATES AND OTHER AREAS: 1955 AND 1956**

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 167]

STATE OR OTHER AREA	1955					1956				
	Total	Agri- culture	Trades and in- dustry	Home eco- nomics	Dis- tribu- tive	Total	Agri- culture	Trades and in- dustry	Home eco- nomics	Dis- tribu- tive
<b>Total</b> .....	<b>3,314,255</b>	<b>776,138</b>	<b>870,954</b>	<b>1,431,808</b>	<b>235,355</b>	<b>3,413,159</b>	<b>785,599</b>	<b>883,719</b>	<b>1,486,816</b>	<b>257,025</b>
Alabama.....	63,372	22,683	15,349	23,535	1,505	72,449	24,799	17,120	28,340	2,190
Arizona.....	19,338	2,061	7,506	8,550	1,221	18,029	1,908	6,977	8,905	839
Arkansas.....	79,808	27,513	8,943	41,491	1,861	78,874	27,552	7,333	41,738	2,251
California.....	293,391	20,874	102,692	125,912	43,913	311,411	17,840	109,244	129,417	54,910
Colorado.....	50,904	3,167	22,665	16,654	8,418	50,705	2,970	23,454	18,675	5,606
Connecticut.....	24,435	727	15,010	6,722	1,976	23,602	715	14,581	6,998	1,308
Delaware.....	7,727	564	3,443	2,818	602	8,733	994	4,141	2,770	968
Dist. of Col.....	9,353	173	3,774	3,789	1,617	9,026	219	4,033	3,413	1,961
Florida.....	99,707	12,120	32,762	45,823	9,002	126,955	13,705	32,309	70,746	10,195
Georgia.....	179,938	77,007	25,094	60,802	8,035	197,601	87,237	31,481	72,050	6,833
Idaho.....	11,480	3,793	2,567	5,107	13	12,181	3,938	2,930	5,218	95
Illinois.....	114,963	30,488	29,141	51,639	3,695	112,953	27,807	29,881	51,689	3,576
Indiana.....	62,552	16,642	14,217	29,289	2,404	67,826	15,707	18,058	32,131	1,930
Iowa.....	64,067	28,331	11,249	23,289	1,198	64,884	28,717	10,362	24,157	1,648
Kansas.....	33,567	7,069	6,865	17,932	1,701	30,400	7,472	7,340	19,032	2,556
Kentucky.....	59,886	18,850	8,746	28,068	3,322	62,781	17,796	10,834	30,342	3,809
Louisiana.....	84,120	25,396	20,906	35,465	2,359	82,598	25,489	18,771	34,209	3,129
Maine.....	6,493	1,534	949	3,993	17	6,379	1,601	912	3,955	11
Maryland.....	26,152	3,565	11,293	7,919	3,375	30,044	3,655	13,538	8,919	3,932
Massachusetts.....	65,688	1,800	25,080	36,772	2,086	66,827	1,624	26,562	36,564	2,077
Michigan.....	126,172	17,913	36,205	54,835	17,219	131,055	18,622	36,836	56,569	19,038
Minnesota.....	77,220	28,200	12,689	33,355	2,976	79,351	26,742	15,038	34,164	3,417
Mississippi.....	87,815	40,370	8,681	36,757	2,007	90,856	44,020	7,526	36,929	2,381
Missouri.....	70,063	21,389	13,643	31,378	3,653	65,375	20,234	11,421	30,708	3,012
Montana.....	9,255	2,942	2,260	8,664	389	10,231	3,204	2,402	4,161	464
Nebraska.....	31,311	10,721	5,105	12,722	2,767	31,061	9,634	6,199	12,834	2,394
Nevada.....	4,604	539	1,533	2,312	220	5,028	617	1,556	2,710	135
New Hampshire.....	5,283	635	2,089	2,427	132	5,266	649	1,376	3,060	181
New Jersey.....	24,803	2,550	17,099	4,677	577	25,136	2,515	17,146	4,828	647
New Mexico.....	8,389	2,055	1,579	4,366	389	8,881	2,169	1,923	4,344	445
New York.....	182,180	7,920	112,203	57,359	4,608	154,960	6,571	83,785	59,441	5,163
North Carolina.....	120,922	44,832	9,314	63,020	3,756	115,374	49,864	9,566	51,958	3,986
North Dakota.....	11,600	3,881	1,332	6,040	297	12,263	3,570	2,233	6,111	349
Ohio.....	86,438	19,694	30,530	29,895	6,819	92,213	19,146	37,377	28,474	7,216
Oklahoma.....	71,159	31,558	8,527	28,763	2,311	68,909	29,773	9,650	27,546	1,940
Oregon.....	28,094	5,012	8,585	13,702	795	33,526	4,734	10,963	16,724	1,105
Pennsylvania.....	100,743	14,275	55,665	31,305	5,498	100,582	14,118	48,729	33,140	4,595
Rhode Island.....	4,581	446	1,018	2,196	21	4,998	379	2,083	2,436	100
South Carolina.....	100,609	39,412	11,317	46,402	3,478	108,450	43,156	11,244	50,913	3,137
South Dakota.....	12,142	3,972	2,438	5,145	587	11,465	3,657	2,408	4,590	810
Tennessee.....	85,352	29,637	15,639	37,895	2,181	83,205	28,092	14,304	38,725	2,084
Texas.....	316,167	61,617	40,993	167,235	46,322	302,881	60,976	43,125	167,893	50,887
Utah.....	28,063	4,726	6,381	12,176	4,780	30,405	4,738	8,704	11,831	5,132
Vermont.....	5,330	939	1,468	2,675	247	4,889	1,020	1,584	2,095	190
Virginia.....	77,998	23,065	13,319	34,394	7,220	82,085	22,446	14,037	37,837	7,765
Washington.....	86,100	9,666	31,994	34,453	9,987	93,047	9,227	34,082	38,285	11,453
West Virginia.....	31,014	6,481	10,394	13,134	1,015	31,239	6,309	10,931	13,115	884
Wisconsin.....	97,151	25,370	23,058	45,325	3,397	95,348	24,451	23,298	44,000	3,599
Wyoming.....	5,092	1,367	943	2,680	102	5,655	1,360	1,148	2,787	360
Alaska.....	391		37	354		375		33	342	
Hawaii.....	14,193	2,290	4,691	5,322	1,890	12,792	2,121	4,910	4,340	1,421
Puerto Rico.....	40,225	7,644	10,677	20,480	1,424	53,911	8,792	17,972	24,270	2,877
Virgin Islands.....	845	63	267	494	21	749	48	259	408	34

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.



**No. 170.—FEDERAL EXPENDITURES FOR EDUCATION, BY TYPE OF PROGRAM:  
1947 TO 1955**

**[In thousands of dollars]**

PROGRAM	1947	1949	1951	1953	1955
<b>Total expenditures</b> .....	<b>2, 930, 865</b>	<b>3, 500, 817</b>	<b>2, 550, 852</b>	<b>1, 437, 389</b>	<b>1, 616, 654</b>
<b>Elementary and secondary schools</b> .....	<b>129, 136</b>	<b>166, 912</b>	<b>221, 494</b>	<b>451, 930</b>	<b>536, 986</b>
Assistance to federally affected areas.....	5, 347	5, 494	16, 728	200, 084	216, 348
Public-school construction.....	5, 347	5, 494	2, 956	117, 804	122, 767
Public-school maintenance and operation.....			13, 772	65, 995	85, 251
School construction on Federal bases.....				16, 285	8, 380
School lunch program.....	77, 597	94, 792	118, 092	133, 654	169, 502
Vocational education.....	19, 599	26, 013	26, 013	24, 657	29, 237
Indians in the U. S. and natives in Alaska.....	14, 510	19, 670	27, 118	30, 117	37, 545
Revenue distributed from use and sale of public lands.....	6, 501	11, 535	17, 505	24, 130	38, 310
Revenue distributed from national forests.....	3, 463	6, 040	8, 435	17, 491	16, 497
Armed Forces—dependent children overseas.....			802	8, 911	16, 421
Operation of public schools.....	1, 980	3, 219	6, 346	11, 986	11, 851
District of Columbia.....	1, 980	3, 219	2, 664	2, 522	5, 185
Canal Zone.....				2, 684	3, 015
Atomic Energy Commission sites.....			3, 682	6, 780	2 3, 651
Other programs.....	139	149	455	900	1, 278
<b>Colleges and universities</b> .....	<b>384, 043</b>	<b>208, 668</b>	<b>66, 804</b>	<b>74, 642</b>	<b>153, 056</b>
Surplus property allocated <sup>1</sup> .....	375, 730	200, 015	57, 144	65, 152	139, 695
Land-grant colleges.....	5, 030	5, 030	5, 030	5, 030	5, 052
Howard University.....	3, 035	3, 302	4, 262	4, 047	7, 654
Gallaudet College.....	248	321	368	413	655
<b>Research programs, fellowships, and education services</b> .....	<b>35, 960</b>	<b>42, 135</b>	<b>60, 745</b>	<b>69, 829</b>	<b>94, 258</b>
Department of Agriculture.....	34, 520	40, 125	43, 157	43, 158	59, 709
Agricultural experiment stations.....	7, 206	9, 687	11, 016	11, 041	19, 109
Agricultural extension service.....	27, 323	30, 438	32, 141	32, 117	40, 600
Office of Education administration.....	1, 431	2, 010	2, 363	2, 092	2, 925
Atomic Energy Commission contract research.....			13, 487	17, 352	2 18, 418
National Science Foundation basic research grants.....				1, 814	7, 857
Fellowships in health, atomic energy, and sciences.....			1, 738	4, 472	5, 033
Other science education.....				41	316
<b>U. S. Military, Naval, and Coast Guard Academies</b> .....	<b>10, 578</b>	<b>12, 386</b>	<b>15, 415</b>	<b>18, 469</b>	<b>18, 786</b>
West Point.....	4, 667	4, 875	7, 223	8, 474	8, 717
Annapolis.....	4, 480	5, 559	6, 424	7, 482	7, 634
Coast Guard.....	1, 531	1, 952	1, 768	2, 513	2, 435
Academic training of military personnel and Naval Reserve personnel <sup>4</sup> .....	5, 920	5, 427	11, 892	15, 310	15, 089
Federal and State merchant marine schools.....	5, 308	4, 635	3, 765	2, 750	2, 593
Veterans education and training.....	2, 118, 735	2, 700, 184	1, 943, 341	669, 018	669, 314
Veterans vocational rehabilitation.....	220, 947	335, 199	176, 875	57, 769	40, 770
Vocational rehabilitation and teacher training.....	15, 304	19, 331	22, 116	24, 062	25, 004
Department of Labor apprenticeship training.....		2, 588	3, 183	3, 324	3, 160
Department of State international programs.....			22, 425	37, 803	42, 286
International Cooperation Administration country missions.....				14, 042	22, 518
Educational exchange programs and activities.....			22, 425	23, 761	19, 768
Other programs.....	4, 934	3, 352	2, 797	11, 983	14, 452

<sup>1</sup> Distributed for roads and schools.

<sup>2</sup> 1954 data.

<sup>3</sup> To health and educational institutions.

<sup>4</sup> Includes off-duty education extension program for servicemen and Coast Guard personnel, and tuition for Coast Guard personnel.

Source: Department of Health, Education, and Welfare; Office of Education; *Federal Funds for Education*, bulletin 1956, No. 5.

## No. 171.—FEDERAL FUNDS ALLOTTED FOR EDUCATION, BY STATES AND OTHER AREAS: 1955

(In thousands of dollars)

STATE OR OTHER AREA	Total	FUNDS ADMINISTERED BY—				FUNDS FOR THE EDUCATION OF VETERANS		Other
		Dept. of Health, Education, and Welfare		Dept. of Agriculture		Total <sup>4</sup>	Education and allowance (P. L. 550)	
		Total <sup>1</sup>	Aid to Federally affected areas <sup>2</sup>	Total <sup>3</sup>	School lunch program			
Total	1,561,574	442,475	202,813	229,211	169,502	710,084	563,421	179,804
Alabama	41,637	8,817	3,486	7,512	5,625	25,273	20,335	35
Arizona	9,090	4,089	2,890	1,577	1,184	3,853	3,006	171
Arkansas	21,781	4,776	1,808	5,968	4,400	10,992	6,902	44
California	131,625	60,063	40,885	10,783	9,431	59,443	49,974	1,337
Colorado	18,262	6,891	4,247	2,298	1,670	8,994	6,454	80
Connecticut	15,484	6,500	3,141	1,861	1,460	6,793	5,803	330
Delaware	2,071	764	129	522	252	762	679	33
District of Columbia	17,079	1,479		332	332	9,959	7,867	5,310
Florida	34,969	10,283	4,617	4,470	3,748	20,053	14,551	163
Georgia	43,963	12,692	6,958	7,569	5,009	23,635	17,859	67
Idaho	5,919	1,736	1,191	1,306	796	2,865	2,181	11
Illinois	50,130	10,798	3,536	7,624	5,996	30,813	26,367	896
Indiana	26,269	6,105	2,098	5,180	3,808	14,509	10,666	475
Iowa	20,247	3,628	408	4,094	2,600	12,416	9,104	108
Kansas	18,388	8,835	5,736	3,032	1,958	6,394	4,880	127
Kentucky	23,869	5,864	1,474	6,498	4,045	11,448	9,096	59
Louisiana	30,401	5,529	1,386	7,192	5,883	17,610	14,534	70
Maine	6,169	2,686	1,527	1,368	898	2,070	1,775	45
Maryland	19,476	12,141	8,730	2,381	1,757	4,680	3,896	274
Massachusetts	30,999	7,505	1,250	4,403	3,881	18,098	14,359	993
Michigan	37,275	11,094	6,048	6,280	4,731	19,622	16,102	278
Minnesota	24,325	3,927	981	5,111	3,704	15,093	11,721	194
Mississippi	24,868	4,210	921	6,043	4,114	14,581	10,788	35
Missouri	34,383	9,169	2,897	5,442	3,789	20,086	15,360	191
Montana	6,896	2,060	1,014	1,105	583	2,718	1,997	12
Nebraska	13,667	3,531	1,339	1,979	1,072	8,108	6,373	49
Nevada	3,159	2,344	1,561	413	145	398	332	5
New Hampshire	3,048	1,154	453	893	574	1,858	1,456	43
New Jersey	19,480	5,816	2,790	3,318	2,812	10,150	8,412	196
New Mexico	12,881	7,054	5,025	1,619	1,119	4,179	3,606	29
New York	76,388	15,629	5,724	11,303	9,854	48,416	37,342	1,039
North Carolina	38,207	8,317	1,241	10,019	7,551	19,659	15,922	213
North Dakota	7,370	798	242	1,544	842	5,001	3,323	27
Ohio	44,049	12,825	7,726	8,173	6,343	22,795	18,442	256
Oklahoma	34,815	11,991	7,153	6,875	5,469	15,864	12,689	85
Oregon	12,631	4,440	1,059	2,100	1,425	5,948	4,587	144
Pennsylvania	60,457	9,527	1,889	9,333	7,507	40,695	32,988	903
Rhode Island	7,642	3,235	1,719	790	555	3,503	3,017	113
South Carolina	22,350	5,898	2,207	5,116	3,728	11,309	9,150	28
South Dakota	7,456	1,878	1,030	1,402	711	4,159	3,700	18
Tennessee	33,201	7,283	2,232	7,916	6,043	18,000	14,956	91
Texas	83,928	26,055	13,520	12,195	9,252	45,502	36,183	175
Utah	13,861	5,445	2,567	1,616	1,203	6,068	5,750	132
Vermont	2,900	789	96	893	525	1,181	859	38
Virginia	39,070	22,611	17,144	6,047	4,477	10,294	8,180	118
Washington	31,168	17,025	11,761	3,244	2,476	10,740	8,773	169
West Virginia	13,012	2,780	51	3,752	2,734	6,444	5,343	35
Wisconsin	22,438	3,932	583	4,790	3,371	13,461	10,422	254
Wyoming	2,946	959	432	669	305	1,297	830	21
Alaska	6,630	3,392	3,250	288	87			2,941
Canal Zone	3,015							3,015
Hawaii	5,490	4,068	2,651	1,404	1,026			18
Puerto Rico	9,095	2,310	10	6,775	5,362			10
Virgin Islands	135	48		81	81			11
U. S. possessions	24,406					24,371	23,350	35
National and other <sup>5</sup>	209,730	39,717		4,425		0 7,325	1,187	158,263
Unallotted	280			280				

<sup>1</sup> Includes, in addition to Federally affected areas, funds for support of land-grant colleges, vocational education below college level, vocational rehabilitation, American Printing House for the Blind, value of surplus property transferred to educational institutions, education of Public Health personnel, etc.

<sup>2</sup> Areas affected by Federal activity and employment, e. g., defense production, etc.

<sup>3</sup> Includes, in addition to school-lunch program, funds for Agricultural Experiment Stations, and Cooperative Agricultural Extension Service.

<sup>4</sup> Includes also vocational rehabilitation under Public Laws 16 and 894, and education and training under Public Law 345.

<sup>5</sup> Federal funds allotted to national programs which cannot be reported by States.

<sup>6</sup> Comprises \$4,809,000 paid to educational institutions for preparing reports and \$2,524,000 paid to veterans choosing to attend colleges in other countries.

Source: Department of Health, Education, and Welfare, Office of Education; *Federal Funds for Education*.

## Section 5

### Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, Federal and State prisoners, and the use of the death penalty. The more important publications in which figures relating to these subjects appear are: *Uniform Crime Reports*, a semiannual bulletin of the Federal Bureau of Investigation; the Administrative Office of the United States Courts *Annual Report of the Director*; and the Bureau of Prisons annual review, *Federal Prisons*, and periodical bulletins and reports in its *National Prisoner Statistics* series.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected and published by the Children's Bureau of the Department of Health, Education, and Welfare. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments. Some information on incarcerated prisoners may be found in the reports of the 1940 and 1950 Censuses of Population.

No centralized information is available on the police activities of the Federal agencies. Some information concerning the work of each Federal agency will be found in its annual report.

**Law enforcement and legal jurisdiction.**—Law enforcement is for the most part a function of State and local officers and agencies. The United States Constitution reserves to the States the general police powers, and only offenses against the United States Government and against its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce are made Federal offenses by act of Congress. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or a Federal officer while engaged in his official duties, or unless they occur in Federal territories or reservations or on the high seas. There are 50 separate criminal law jurisdictions in the United States, 1 in each of the 48 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. Yet the general system of law enforcement is quite similar from State to State, although there are among the States often substantial differences in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the application of the penalty is carried out by the prison, reformatory, or jail, or by probation or parole officials.

Note.—This section presents data for the most recent year or period available on March 3, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

**Crime.**—Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes summaries for the country as a whole in its semiannual bulletin, *Uniform Crime Reports*. However, in publishing the data submitted by chiefs of police in different cities, the Federal Bureau of Investigation does not vouch for their accuracy. They are issued as information which may throw some light on problems of crime and criminal-law enforcement. The great majority of communities are now reporting to the Federal Bureau of Investigation and the reports received cover about 99 percent of the city (urban) population and 95 percent of the population outside cities (rural) of the United States.

**Courts.**—Court statistics for criminal offenses and the outcome of the prosecutions for the country are quite incomplete. In many States, an annual or biennial publication presents data on the disposition of criminal cases in the trial courts. The only national compilation of such statistics was made by the Bureau of the Census which annually, until 1945, published data in *Judicial Criminal Statistics* on the disposition of criminal cases in the general trial courts.

Comprehensive information is collected on the business of the Federal courts by the Administrative Office of the United States Courts, and is published in the *Annual Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts, and only when the United States Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

- (1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the United States District Courts, and one or more of these courts is established in every State, Territory, or possession. Appeals from the district courts are taken to intermediate appellate courts of which there are 11. They are known as United States Courts of Appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

**Prisoners.**—Statistics of prisoners committed to penal institutions 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 1947 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons, and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

FIG. X.—FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY MAJOR OFFENSE GROUPS: 1949 TO 1957

[See table 194]

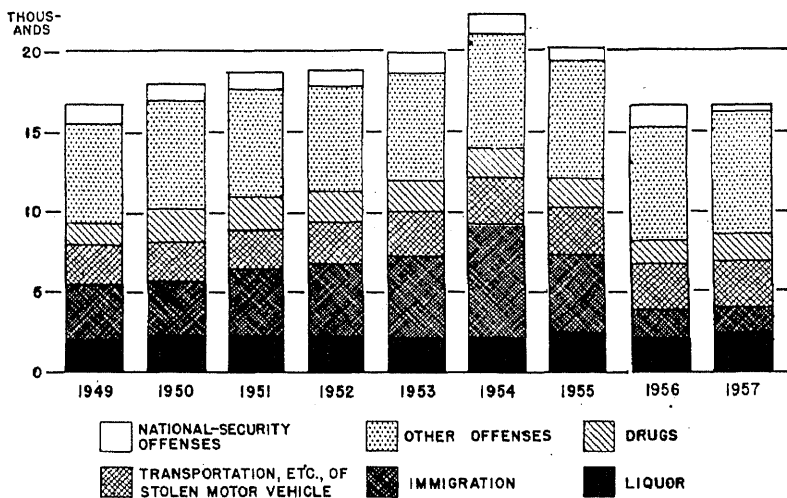
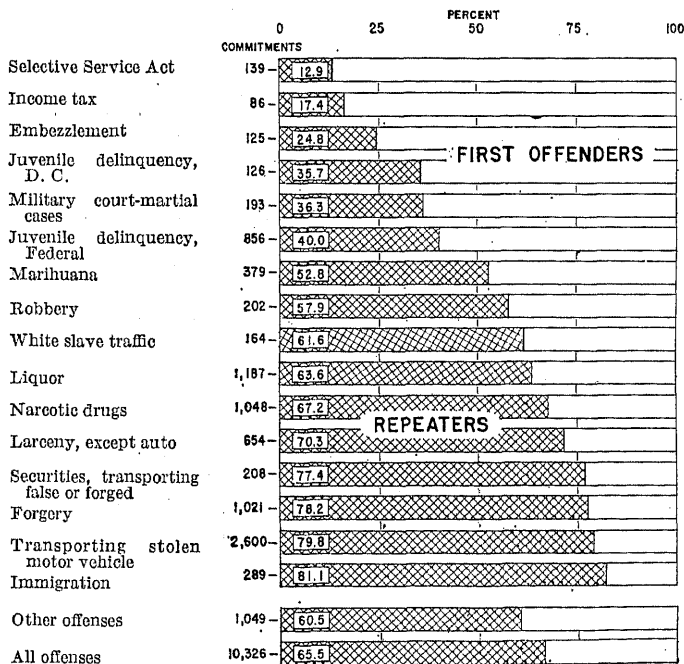


FIG. XI.—PERCENTAGE OF REPEATERS AMONG PRISONERS COMMITTED TO FEDERAL INSTITUTIONS UNDER SENTENCE OF MORE THAN ONE YEAR: 1957

[See table 195]



Source of figs. X and XI: Department of Justice, Bureau of Prisons.

## No. 172.—MAJOR CRIMES KNOWN TO THE POLICE, BY TYPE: 1950 TO 1957

[Figures are estimates based on reports from city and rural law enforcement agencies which cover about 90 percent of the urban population and about 68 percent of the rural population]

YEAR	Total	CRIMINAL HOMICIDE		Rape <sup>3</sup>	Rob- bery <sup>4</sup>	Aggra- vated assault, <sup>5</sup>	Bur- glary— breaking or enter- ing <sup>6</sup>	Larceny— theft <sup>7</sup>	Auto theft <sup>8</sup>
		Murder, nonneg- ligent man- slaugh- ter <sup>1</sup>	Man- slaughter by negli- gence <sup>2</sup>						
1950	1,790,030	7,020	5,330	16,580	53,230	80,950	411,980	1,044,160	170,780
1951	1,882,160	6,820	5,510	16,800	52,090	78,640	407,130	1,118,210	195,960
1952	2,036,510	7,210	5,660	17,240	58,140	87,930	422,760	1,202,270	215,310
1953	2,159,080	7,120	5,690	17,900	63,100	92,600	479,120	1,207,020	226,530
1954	2,267,250	6,850	5,410	18,030	67,420	93,540	419,190	1,340,870	215,940
1955	2,262,450	6,850	5,610	19,100	57,490	92,740	492,530	1,360,980	227,150
1956	2,563,150	6,970	5,660	20,300	56,770	95,430	525,720	1,587,590	263,720
1957	2,796,400	6,920	5,740	21,080	61,410	100,110	590,920	1,721,170	289,950

<sup>1</sup> Includes all willful felonious homicides; excludes suicides and justifiable homicides.

<sup>2</sup> Includes deaths primarily attributable to gross negligence on the part of some individual other than the victim.

<sup>3</sup> Includes forcible, statutory (no force used—victim under age of consent), and attempted rape.

<sup>4</sup> Includes the stealing or taking of anything of value by force or violence or by threat of force or violence; includes attempted robbery.

<sup>5</sup> Includes assault with intent to kill. Excludes simple assault, assault and battery, fighting, etc.

<sup>6</sup> Includes any unlawful entry to commit a felony or a theft. Includes attempted burglary and burglary fol-  
lowed by larceny.

<sup>7</sup> Includes theft of property or articles of value (except auto theft) without the use of force and violence or fraud. Excludes larceny resulting from burglary. Larceny refers to articles \$50 and over in value; theft to those under \$50 in value.

<sup>8</sup> Includes all cases where motor vehicles are driven away and abandoned. Excludes those taken for temporary use when actually returned by the taker.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

## No. 173.—URBAN MAJOR CRIMES, BY TYPE: 1937 TO 1957

[For 1937-55, offenses known to the police in 355 cities with 25,000 inhabitants or more, total population of 44,091,582, based on 1930 Census; for 1956 and 1957, 353 cities; population 42,719,693. For definitions of offenses, see foot-  
notes, table 172]

YEAR	Total	CRIMINAL HOMICIDE		Rape	Rob- bery	Aggra- vated assault	Burglary— break- ing or entering	Larceny —(except auto theft)	Auto theft
		Murder, nonnegli- gent man- slaughter	Man- slaughter by negli- gence						
1937	605,447	2,479	1,978	3,047	26,696	19,841	137,757	325,974	87,675
1938	613,062	2,133	1,428	2,967	27,836	18,765	138,939	346,178	74,816
1939	637,514	2,223	1,229	3,235	25,347	19,063	145,208	369,442	70,767
1940	661,988	2,208	1,469	3,207	25,269	20,312	140,361	391,812	71,350
1941	661,132	2,295	1,852	3,513	24,212	20,736	138,043	393,615	76,866
1942	619,165	2,278	1,685	3,903	22,903	22,914	123,642	372,664	69,163
1943	604,554	2,030	1,428	4,349	22,636	22,126	127,368	342,337	82,280
1944	621,925	2,141	1,424	4,592	22,301	25,698	132,768	346,060	86,941
1945	702,720	2,361	1,723	5,042	27,671	28,026	156,835	375,488	105,574
1946	745,282	2,629	1,724	5,225	31,028	30,228	171,029	405,829	97,590
1947	708,014	2,535	1,481	5,268	29,395	31,004	164,709	396,798	76,824
1948	704,410	2,533	1,450	4,987	27,850	31,014	163,965	402,543	70,068
1949	734,925	2,332	1,308	5,137	29,693	32,144	173,312	422,583	68,416
1950	736,721	2,370	1,544	4,994	25,909	32,350	170,708	425,325	73,521
1951	779,458	2,302	1,557	5,306	26,036	31,894	189,209	457,977	85,137
1952	809,267	2,471	1,688	5,302	28,644	36,136	181,216	460,921	92,889
1953	845,208	2,439	1,599	5,449	31,813	38,064	191,339	476,771	97,734
1954	876,275	2,352	1,573	5,339	34,139	37,976	206,426	497,201	91,269
1955	884,682	2,410	1,643	5,910	30,675	38,785	202,600	505,011	97,588
1956	1,003,641	2,502	1,766	6,502	31,471	39,439	218,248	586,969	116,744
1957	1,096,337	2,533	1,722	6,752	34,641	39,833	247,845	632,215	130,796

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

## No. 174.—URBAN CRIME RATES, BY TYPE, BY STATES: 1956 AND 1957

[Rates based on offenses known per 100,000 population. Population figures used to compute rates based on 1950 Census. Offenses reported by 2,640 cities in 1956 representing an urban population of 80,986,991 for 1950, and 2,781 cities in 1957 representing 81,761,726 for 1950. For definitions of offenses, see footnotes, table 172]

STATE	MURDER, NONNEG- LIGENT MAN- SLAUGHTER		ROBBERY		AGGRAVATED ASSAULT		BURGLARY— BREAKING OR ENTERING		LARCENY— THEFT, EXCEPT AUTO		AUTO THEFT	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<b>United States.....</b>	<b>5.0</b>	<b>5.1</b>	<b>60.0</b>	<b>64.3</b>	<b>87.4</b>	<b>90.2</b>	<b>449.3</b>	<b>502.9</b>	<b>1,228.4</b>	<b>1,317.8</b>	<b>233.5</b>	<b>254.7</b>
<b>New England.....</b>	<b>1.6</b>	<b>1.4</b>	<b>18.3</b>	<b>19.5</b>	<b>22.3</b>	<b>21.9</b>	<b>318.3</b>	<b>329.6</b>	<b>797.5</b>	<b>849.3</b>	<b>169.5</b>	<b>222.6</b>
Maine.....	1.2	1.2	13.2	9.1	9.1	12.4	234.0	225.7	790.2	1,034.1	126.2	126.7
New Hampshire.....	0.4	0.4	5.2	2.8	5.5	2.8	189.0	181.3	559.3	658.7	66.5	80.9
Vermont.....		0.9		2.8			134.3	138.9	594.7	678.7	55.0	96.7
Massachusetts.....	1.4	1.3	21.4	22.9	19.6	18.2	313.3	317.7	796.5	817.0	197.0	263.6
Rhode Island.....	2.2	1.2	14.0	14.8	26.1	25.2	403.1	451.3	1,078.6	1,127.1	136.1	200.8
Connecticut.....	2.3	2.1	16.8	19.2	37.1	39.4	354.3	370.7	723.7	804.3	146.9	173.3
<b>Middle Atlantic.....</b>	<b>3.0</b>	<b>3.1</b>	<b>50.1</b>	<b>49.9</b>	<b>75.6</b>	<b>83.4</b>	<b>360.4</b>	<b>389.4</b>	<b>786.0</b>	<b>818.7</b>	<b>167.4</b>	<b>178.7</b>
New York.....	3.2	3.2	49.4	45.9	87.8	96.1	378.2	381.4	862.9	874.7	164.8	167.1
New Jersey.....	2.3	2.7	39.7	49.1	54.0	63.9	388.3	457.9	788.6	855.4	193.6	230.2
Pennsylvania.....	3.1	3.1	57.6	57.9	64.6	70.6	308.6	358.2	632.7	688.7	156.8	170.7
<b>East North Central.....</b>	<b>4.8</b>	<b>4.7</b>	<b>77.5</b>	<b>82.3</b>	<b>74.0</b>	<b>70.7</b>	<b>361.8</b>	<b>392.5</b>	<b>1,154.7</b>	<b>1,221.5</b>	<b>189.1</b>	<b>204.3</b>
Ohio.....	5.4	4.9	47.9	60.4	48.2	39.7	327.5	375.3	1,150.1	1,263.6	177.4	205.3
Indiana.....	5.0	3.9	47.7	49.8	41.1	50.7	487.0	486.5	1,354.6	1,496.1	295.2	291.9
Illinois.....	5.9	6.0	114.7	123.6	79.9	78.1	328.7	343.7	718.7	746.1	128.5	133.4
Michigan.....	3.9	4.1	104.6	95.1	138.3	132.9	476.5	534.6	1,727.0	1,735.4	273.9	292.2
Wisconsin.....	1.3	1.7	9.4	10.6	21.9	18.3	185.5	190.1	1,158.3	1,281.1	125.9	152.5
<b>West North Central.....</b>	<b>3.8</b>	<b>3.6</b>	<b>51.3</b>	<b>59.6</b>	<b>48.3</b>	<b>53.9</b>	<b>380.5</b>	<b>435.6</b>	<b>1,312.9</b>	<b>1,351.5</b>	<b>212.6</b>	<b>214.0</b>
Minnesota.....	1.1	1.0	39.7	38.7	7.6	8.8	413.9	402.7	1,280.7	1,251.9	196.6	188.0
Iowa.....	0.9	1.2	10.4	15.0	9.6	9.0	244.8	342.0	1,138.4	1,278.6	106.7	116.8
Missouri.....	7.8	7.3	98.8	126.5	107.1	123.1	461.5	572.1	1,302.2	1,487.5	335.3	334.7
North Dakota.....	1.3		4.5	11.0	3.8	8.4	223.2	189.1	1,371.3	1,502.2	121.2	190.4
South Dakota.....	0.5	1.7	8.7	6.6	7.7	0.6	205.7	204.9	1,001.5	1,067.2	55.0	71.5
Nebraska.....	2.2	2.7	26.6	17.6	28.5	30.5	238.2	247.9	1,196.6	1,153.7	182.4	197.4
Kansas.....	4.5	4.1	42.5	39.5	56.8	59.3	443.2	500.5	1,594.7	1,682.4	149.1	139.8
<b>South Atlantic<sup>1</sup>.....</b>	<b>10.0</b>	<b>10.2</b>	<b>56.0</b>	<b>61.4</b>	<b>201.3</b>	<b>197.7</b>	<b>539.6</b>	<b>613.7</b>	<b>1,370.8</b>	<b>1,484.2</b>	<b>285.6</b>	<b>273.7</b>
Delaware.....	10.7	8.4	58.3	56.2	20.5	27.4	589.7	607.3	1,608.9	1,694.8	313.7	232.3
Maryland.....	6.3	8.1	70.5	75.3	107.7	216.2	438.7	394.7	1,151.2	1,168.2	562.9	445.5
Virginia.....	9.1	9.2	68.2	63.5	219.6	203.6	624.4	642.6	1,706.4	1,731.1	305.7	232.7
West Virginia.....	3.9	3.7	30.9	33.3	54.7	90.4	257.6	269.6	607.0	713.4	109.3	126.4
North Carolina.....	11.5	12.3	25.0	28.7	355.3	354.7	379.5	487.2	1,139.1	1,266.1	172.1	186.8
South Carolina.....	9.0	9.1	34.1	32.8	112.5	104.6	540.1	613.5	1,335.4	1,612.4	210.2	175.0
Georgia.....	15.5	13.9	40.8	44.5	169.4	137.0	485.5	590.4	1,187.6	1,366.4	230.3	257.3
Florida.....	11.9	11.6	66.6	87.5	94.1	113.6	928.1	1,093.9	2,090.7	2,198.5	299.9	303.4
<b>East South Central.....</b>	<b>12.0</b>	<b>12.6</b>	<b>47.9</b>	<b>42.6</b>	<b>115.1</b>	<b>113.8</b>	<b>475.0</b>	<b>549.2</b>	<b>948.6</b>	<b>1,037.6</b>	<b>275.1</b>	<b>280.0</b>
Kentucky.....	8.5	8.6	92.1	70.2	131.8	124.5	606.0	642.7	1,376.2	1,287.9	557.8	520.1
Tennessee.....	14.8	12.2	42.3	36.9	101.6	99.8	489.5	584.9	840.3	1,002.7	220.5	240.6
Alabama.....	13.8	16.2	30.2	36.6	128.0	125.2	426.1	518.7	817.8	975.9	182.5	209.1
Mississippi.....	7.6	12.9	19.1	20.6	89.4	103.9	300.6	365.9	723.0	851.6	95.5	107.6
<b>West South Central.....</b>	<b>9.4</b>	<b>9.2</b>	<b>46.6</b>	<b>51.2</b>	<b>101.3</b>	<b>102.7</b>	<b>608.7</b>	<b>690.0</b>	<b>1,501.6</b>	<b>1,658.1</b>	<b>297.9</b>	<b>334.6</b>
Arkansas.....	8.7	7.6	47.3	33.3	126.5	131.6	420.6	453.9	994.2	1,111.6	136.3	133.4
Louisiana.....	9.9	9.6	74.6	78.3	111.5	94.5	478.9	539.9	1,141.9	1,171.7	531.5	507.2
Oklahoma.....	4.2	3.6	28.0	34.5	42.0	48.1	481.2	644.1	1,488.3	1,773.3	215.1	251.5
Texas.....	10.5	10.6	43.2	49.0	109.0	116.4	690.4	769.0	1,652.4	1,830.5	266.4	324.4
<b>Mountain.....</b>	<b>3.8</b>	<b>4.7</b>	<b>65.9</b>	<b>76.4</b>	<b>52.3</b>	<b>55.4</b>	<b>624.2</b>	<b>704.8</b>	<b>2,320.2</b>	<b>2,488.9</b>	<b>364.5</b>	<b>403.3</b>
Montana.....	2.3	2.6	35.7	29.2	43.4	25.8	356.1	335.3	1,187.0	2,221.9	247.1	261.4
Idaho.....	4.0	3.7	22.2	18.8	18.2	14.7	344.4	405.3	320.4	2,284.4	161.1	154.2
Wyoming.....	4.5	2.9	24.1	43.7	15.1	21.8	328.7	371.3	1,305.3	1,356.9	132.4	170.4
Colorado.....	3.5	3.9	97.5	120.7	51.3	47.7	674.5	813.7	2,040.2	2,076.4	390.5	416.4
New Mexico.....	1.7	7.0	35.0	49.0	48.2	66.2	726.3	920.4	517.1	1,342.6	528.0	685.1
Arizona.....	7.3	13.9	99.4	114.6	128.3	182.5	994.0	1,152.7	3,820.2	3,935.0	604.1	811.3
Utah.....	2.8	1.1	19.2	62.8	10.2	34.5	248.4	524.3	1,371.5	2,149.5	152.5	222.1
Nevada.....	5.4	7.5	130.5	142.0	108.7	67.3	1,553.7	1,107.9	3,826.6	3,674.8	909.0	483.9
<b>Pacific.....</b>	<b>4.0</b>	<b>4.2</b>	<b>99.9</b>	<b>115.0</b>	<b>109.2</b>	<b>118.6</b>	<b>757.2</b>	<b>895.0</b>	<b>2,242.1</b>	<b>2,468.1</b>	<b>413.6</b>	<b>482.1</b>
Washington.....	2.5	2.9	44.8	60.7	26.5	19.8	555.1	637.6	2,003.7	2,219.0	313.7	375.0
Oregon.....	2.4	3.6	54.2	63.9	38.8	34.2	443.8	536.3	1,949.8	1,976.4	196.0	261.6
California.....	4.4	4.5	113.8	130.7	130.4	144.3	822.5	976.4	3,111.7	2,561.5	451.9	523.1

<sup>1</sup> Includes District of Columbia, not shown separately.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

## No. 175.—HOMICIDES AND SUICIDES, BY TYPE AND SEX: 1930 TO 1956

ITEM	1930		1940		1950		1955		1956	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>Homicide</b> .....	8,373	2,100	6,647	1,682	6,089	1,853	5,630	1,788	5,705	1,924
Assault by—										
Firearms and explosives.....	5,809	1,186	3,761	894	3,163	1,016	2,870	937	3,029	1,010
Cutting and piercing instruments.....	1,211	342	1,660	404	1,510	369	1,469	357	1,472	382
Other means.....	1,213	570	1,105	384	1,055	466	988	491	914	532
Intervention of police.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	280	2	225	2	226	—
Execution.....	140	2	121	—	81	—	78	1	64	—
<b>Suicide</b> .....	14,319	4,004	14,466	4,441	13,297	3,848	12,061	3,799	12,968	3,759
Poisoning.....	3,468	2,083	3,537	2,086	2,461	1,508	2,189	1,240	2,124	1,243
Hanging and strangulation.....	2,748	520	2,776	778	2,759	833	2,689	902	2,686	682
Firearms and explosives.....	6,088	647	6,310	763	6,371	806	6,808	955	6,891	926
Other.....	2,025	754	1,843	814	1,506	701	1,275	702	1,287	688

<sup>1</sup> Not available.Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 176.—MAJOR CRIMES KNOWN TO THE POLICE, BY URBAN AND RURAL POPULATION GROUPS: 1956 AND 1957

[Population figures based on 1950 Census. For definitions of offenses, see footnotes, table 172]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Rape	Rob- bery	Aggra- vated assault	Bur- glary— break- ing or enter- ing	Lar- ceny— theft (except auto theft)	Auto theft
		Murder, nonneg- ligent man- slaugh- ter	Man- slaugh- ter by negli- gence						
URBAN									
Total, 2,585 cities:									
1956.....	1,672,972	4,003	2,841	11,818	48,397	70,170	362,023	986,448	187,272
1957.....	1,821,248	4,061	2,815	12,259	52,323	72,734	406,117	1,065,038	205,901
Percent change.....	+8.9	+1.4	-0.9	+3.7	+8.1	+3.7	+12.2	+8.0	+9.9
41 cities, 250,000 or more:									
1956.....	802,283	2,265	1,520	7,907	35,183	44,204	183,572	417,843	109,789
1957.....	852,809	2,270	1,548	8,282	37,731	45,684	200,834	438,743	117,707
Percent change.....	+6.3	+0.2	+1.8	+4.7	+7.2	+3.4	+9.4	+5.0	+7.2
64 cities, 100,000 to 250,000:									
1956.....	229,653	554	490	1,111	4,805	7,900	52,015	138,767	24,011
1957.....	254,704	575	402	1,130	5,473	8,616	60,251	150,748	27,509
Percent change.....	+10.9	+3.8	-18.0	+1.7	+13.9	+9.1	+15.8	+8.6	+14.6
124 cities, 50,000 to 100,000:									
1956.....	184,972	364	288	869	2,984	6,806	36,621	118,959	18,081
1957.....	201,194	374	329	821	3,259	6,941	41,944	127,470	20,056
Percent change.....	+8.8	+2.7	+14.2	-5.5	+9.2	+2.0	+14.5	+7.2	+10.9
262 cities, 25,000 to 50,000:									
1956.....	181,874	320	250	703	2,315	4,758	34,938	123,352	15,207
1957.....	201,779	332	292	704	2,561	4,558	39,593	136,488	17,251
Percent change.....	+10.9	+0.9	+8.6	-3	+10.6	-4.2	+13.3	+10.6	+13.4
667 cities, 10,000 to 25,000:									
1956.....	176,212	302	151	719	1,916	4,104	34,408	121,787	12,825
1957.....	197,669	339	144	805	2,092	4,554	39,795	134,984	14,956
Percent change.....	+12.2	+12.3	-4.6	+12.0	+9.2	+11.0	+15.7	+10.8	+16.6
1,427 cities, less than 10,000:									
1956.....	97,978	189	123	506	1,194	2,398	20,469	65,740	7,359
1957.....	113,093	171	100	517	1,207	2,371	23,700	76,605	8,422
Percent change.....	+15.4	-9.5	-18.7	+2.2	+1.1	-1.1	+15.8	+16.5	+14.4
RURAL <sup>1</sup>									
1956.....	310,892	1,755	2,186	5,087	6,737	14,577	99,031	154,780	26,739
1957.....	345,502	1,676	2,282	5,291	7,309	15,194	111,164	172,743	29,843
Percent change.....	+11.1	-4.5	+4.4	+4.0	+8.5	+4.2	+12.3	+11.6	+11.6

<sup>1</sup> Based on reports of 1,394 sheriffs, 153 rural village officers, and 12 State police.Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.



# No. 177.—OFFENSES KNOWN, OFFENSES CLEARED BY ARREST, PERSONS CHARGED, AND PERSONS FOUND GUILTY IN 211 CITIES OF 25,000 OR MORE: 1956

[Total population of cities covered was 25,003,768, based on 1950 Census. Data on persons found guilty pertain to final dispositions and not the dispositions at any preliminary judicial point]

OFFENSE	OFFENSES—		Persons charged (held for prosecution) <sup>1</sup>	PERSONS FOUND GUILTY—			
	Known to police	Cleared by arrest		Total	Percent of persons charged	Of offense charged	Of lesser offense
<b>Total (part I classes)<sup>1</sup></b> .....	558,561	151,561	106,709	73,719	69.1	64,411	9,308
<b>Criminal homicide:</b>							
Murder and nonnegligent manslaughter.....	1,432	1,328	1,340	803	59.9	616	187
Manslaughter by negligence.....	1,017	854	767	316	41.2	255	61
<b>Rape</b> .....	3,979	3,002	2,434	1,491	61.3	1,059	432
<b>Robbery</b> .....	21,370	8,673	6,915	5,386	77.9	4,235	1,151
<b>Aggravated assault</b> .....	20,622	20,592	14,180	7,385	52.1	5,261	2,124
<b>Burglary—breaking or entering</b> .....	112,461	33,377	21,313	15,343	72.0	12,879	2,464
<b>Larceny—steal (except auto theft)</b> .....	326,951	64,371	45,289	33,754	74.5	31,841	1,913
<b>Auto theft</b> .....	64,729	19,364	14,471	9,241	63.9	8,265	976
<b>Total (part II classes)</b> .....	(2)	(2)	11,447,927	8,001,188	69.9	7,952,076	49,112
<b>Other assaults</b> .....	(2)	(2)	43,271	24,935	57.6	23,953	982
<b>Forgery and counterfeiting</b> .....	(2)	(2)	4,194	3,253	77.6	2,891	362
<b>Embezzlement and fraud</b> .....	(2)	(2)	9,740	6,515	66.9	6,119	396
<b>Stolen property; buying, receiving, etc.</b> .....	(2)	(2)	2,114	1,222	57.8	1,132	90
<b>Weapons; carrying, possessing, etc.</b> .....	(2)	(2)	9,077	6,709	73.9	6,402	307
<b>Sex offenses (including prostitution and commercialized vice)</b> .....	(2)	(2)	25,487	18,179	71.3	17,504	675
<b>Offenses against family and children</b> .....	(2)	(2)	15,416	9,212	59.8	8,909	303
<b>Narcotic drug laws</b> .....	(2)	(2)	5,958	4,290	72.0	4,177	113
<b>Liquor laws</b> .....	(2)	(2)	21,752	16,973	78.0	16,458	515
<b>Drunkenness; disorderly conduct; vagrancy</b> .....	(2)	(2)	706,388	512,257	72.5	510,558	1,699
<b>Gambling</b> .....	(2)	(2)	30,466	20,197	66.3	20,091	106
<b>Driving while intoxicated</b> .....	(2)	(2)	51,176	44,486	86.9	41,186	3,300
<b>Traffic and motor vehicle laws</b> .....	(2)	(2)	10,408,141	7,260,879	69.8	7,222,314	38,565
<b>All other offenses</b> .....	(2)	(2)	114,747	72,081	62.8	70,382	1,699

<sup>1</sup> For definitions of offenses, see footnotes, table 172.    <sup>2</sup> Not available.

Source: Department of Justice, Federal Bureau of Investigation; semiannual bulletin, *Uniform Crime Reports for the United States*.

# No. 178.—JUVENILE DELINQUENCY—POLICE ARRESTS OF CHILDREN UNDER 18, CASES HANDLED BY JUVENILE COURTS, AND TOTAL NUMBER OF CHILDREN 10 TO 17 YEARS OLD: 1940 TO 1957

[Index (1940=100)]

YEAR	CHILDREN UNDER 18 ARRESTED BY POLICE <sup>1</sup>		Juvenile court cases, index <sup>2</sup>	CHILDREN, 10 TO 17 YEARS OLD	
	Number	Index		Number <sup>3</sup>	Index
1940.....	35,332	100	100	19,138,000	100
1943.....	47,884	136	172	18,309,000	96
1944.....	46,090	132	165	17,738,000	93
1945.....	49,666	140	172	17,512,000	92
1946.....	37,833	107	148	17,419,000	91
1947.....	34,376	97	131	17,344,000	91
1948.....	31,750	90	127	17,314,000	90
1949.....	32,922	93	136	17,365,000	91
1950.....	34,599	98	140	17,397,000	91
1951.....	37,259	105	149	17,706,000	93
1952.....	86,128	.....	166	18,202,000	95
1953.....	149,806	.....	187	18,981,000	99
1954.....	163,666	.....	198	19,551,000	102
1955.....	195,026	.....	216	20,111,000	105
1956.....	234,474	.....	260	20,624,000	108
1957.....	253,817	.....	4302	22,167,000	116

<sup>1</sup> Data for 1940-1951 based on fingerprint records received by the Federal Bureau of Investigation. Data for 1952-1955 based on report forms (including arrests of children who were not fingerprinted) sent in by city police departments in varying number of reporting cities; for example, covers 232 cities in 1952, 1,174 in 1953, etc.

<sup>2</sup> Beginning 1955, based on data from a representative national sample of juvenile courts; for earlier years, estimated by Children's Bureau. For an explanation of the limitations of juvenile court statistics, see *Juvenile Court Statistics, 1956* (Children's Bureau Statistical Series No. 47).

<sup>3</sup> Estimates of civilian population published by the Bureau of the Census in *Current Population Reports*, Series P-25.    <sup>4</sup> Provisional.

Source: Department of Justice, Federal Bureau of Investigation; and Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau; Department of Commerce, Bureau of the Census.

## No. 179.—ARRESTS, BY AGE GROUPS, IN 1,473 CITIES OF 2,500 OR MORE: 1957

[Data for all persons arrested for violations that happened in these reporting cities, covering about 47 percent of the total city population in 1950. Total population 40,176,369, based on 1950 Census. Each person arrested is counted rather than the number of charges that may be filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure]

OFFENSE CHARGED	Total, all ages	AGE (years)								Not known
		Under 18	18 to 20	21 to 24	25 to 34	35 to 44	45 to 49	50 and over		
<b>Total.....</b>	<b>2,068,677</b>	<b>253,817</b>	<b>145,872</b>	<b>199,862</b>	<b>482,383</b>	<b>457,286</b>	<b>185,882</b>	<b>342,956</b>	<b>619</b>	
Criminal homicide:										
Murder and nonnegligent manslaughter.....	2,007	133	138	228	621	466	148	273	-----	
Manslaughter by negligence.....	1,238	74	127	180	356	261	81	159	-----	
Robbery.....	11,820	3,124	2,163	2,316	2,887	975	176	179	-----	
Aggravated assault.....	23,206	2,091	1,838	3,101	7,509	5,193	1,471	2,062	-----	
Other assaults.....	81,749	6,052	6,038	11,697	28,615	18,251	4,994	6,088	14	
Burglary—breaking or entering.....	51,398	28,179	6,795	5,243	6,844	2,938	690	700	9	
Larceny—thft.....	102,476	52,560	11,443	8,183	13,680	8,534	2,847	5,184	55	
Auto theft.....	29,121	19,682	3,790	2,176	2,241	911	147	166	8	
Embezzlement and fraud.....	16,168	454	688	1,953	6,173	4,340	1,175	1,383	2	
Stolen property; buying, receiving, etc.....	8,869	1,249	484	467	755	551	141	222	-----	
Forgery and counterfeiting.....	8,288	659	819	1,266	2,958	1,709	389	486	2	
Rape.....	4,780	932	1,178	997	1,071	389	90	123	-----	
Prostitution and commercialized vice.....	12,694	122	982	2,640	5,063	2,520	589	775	3	
Other sex offenses.....	20,968	3,417	1,839	2,881	6,007	3,793	1,177	1,854	-----	
Narcotic drug laws.....	7,277	219	708	1,581	3,284	947	253	285	-----	
Weapons; carrying, possessing, etc.....	16,864	2,998	2,164	2,522	4,509	2,726	805	1,139	1	
Offenses against family and children.....	22,444	289	1,371	3,258	9,008	5,066	1,376	1,475	1	
Liquor laws.....	43,347	7,125	9,120	3,182	7,651	7,786	3,095	5,384	4	
Driving while intoxicated.....	101,099	665	3,811	10,968	30,138	28,748	11,082	15,683	4	
Disorderly conduct.....	241,167	26,029	25,734	33,988	67,085	48,987	15,697	23,587	10	
Drunkenness.....	832,268	6,779	21,671	52,427	179,416	236,821	111,763	223,059	332	
Vagrancy.....	69,520	4,705	5,799	6,513	13,746	14,505	7,234	17,014	4	
Gambling.....	50,462	615	1,329	3,852	14,323	14,109	5,496	10,731	7	
Suspicion.....	84,645	15,972	14,266	13,686	21,123	11,221	3,379	4,993	5	
All other offenses.....	229,742	69,703	21,527	24,557	47,320	34,939	11,587	19,952	157	

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 180.—U. S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER  
TERMS: 1940 TO 1956

[For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June]

ACTION	1940	1945	1950	1952	1953	1954	1955	1956
Total cases:								
Filed.....	977	1,316	1,181	1,283	1,302	1,397	1,644	1,802
Disposed of.....	985	1,292	1,202	1,278	1,293	1,352	1,630	1,670
Remaining on docket.....	124	168	119	151	160	205	219	351
Original cases filed.....	4	1		2			4	3
Appeals filed.....	84	64	77	87	81	87	104	123
Pauper appeals filed.....						8	17	24
Petitions for review:								
Filed.....	769	727	582	655	603	626	787	851
Granted.....	174	155	89	104	78	108	123	139
Denied or dismissed.....	592	565	495	541	522	532	643	664
Pauper petitions for review:								
Filed.....	120	393	404	434	528	543	583	639
Granted.....	19	15	17	11	10	12	16	38
Denied or dismissed.....	101	378	386	429	507	494	579	584
Motions for leave to file various writs:								
Filed.....		131	118	105	90	133	149	162
Granted.....							2	
Denied or dismissed.....		131	121	104	92	126	155	153
Method of disposition of cases by—								
Written opinions (number of cases).....	195	170	114	122	84	86	103	112
Number of written opinions.....	165	134	91	104	65	78	82	100
Court opinions not signed by an individual Justice.....	86	45	77	71	86	102	127	134
Fitzel decrees—original cases.....	1		5				4	3
Denial or dismissal of petitions for review.....	693	943	881	970	1,029	1,026	1,222	1,248
Denial or withdrawal of motions to file various writs.....		131	121	104	92	126	155	153
Dismissal of pauper appeals.....						8	16	20
Motion to dismiss or per stipulation.....	10	3	4	11	2	4	3	3

<sup>1</sup> Includes 2 cases argued on rehearing and decided by 1 opinion, not included in total cases filed and disposed of.  
<sup>2</sup> Includes 1 case disposed of on rehearing, not included in total cases filed and disposed of.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

## No. 181.—U. S. COURTS OF APPEALS—CASES FILED: 1940 TO 1957

[For years ending June 30]

CASES	1940	1945	1950	1952	1953	1954	1955	1956	1957
<b>Total cases</b> <sup>1</sup> .....	<b>3,595</b>	<b>2,730</b>	<b>2,830</b>	<b>3,079</b>	<b>3,226</b>	<b>3,481</b>	<b>3,695</b>	<b>3,588</b>	<b>3,701</b>
Appeals from courts.....	2,561	2,168	2,290	2,410	2,522	2,715	3,049	2,930	3,017
Administrative appeals, total.....	800	511	485	610	639	659	576	609	618
Federal Trade Commission.....	23	26	8	20	25	11	25	23	19
National Labor Relations Board.....	306	108	167	244	285	294	178	166	201
The Tax Court of the United States.....	414	331	239	257	252	271	272	254	255
Other administrative appeals.....	57	46	71	89	77	83	101	166	143

<sup>1</sup> Includes some miscellaneous original proceedings which are neither appeals from courts nor administrative appeals.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

## No. 182.—U. S. DISTRICT COURTS—CIVIL CASES FILED: 1941 TO 1957

[For years ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands]

TYPE OF CASE	1941 <sup>1</sup>	1945 <sup>1</sup>	1950	1952	1953	1954	1955	1956	1957
<b>Total</b> .....	<b>28,909</b>	<b>52,144</b>	<b>44,454</b>	<b>47,734</b>	<b>52,674</b>	<b>48,182</b>	<b>48,308</b>	<b>51,284</b>	<b>53,343</b>
<b>U. S. cases</b> .....	<b>14,544</b>	<b>42,087</b>	<b>21,854</b>	<b>22,243</b>	<b>23,166</b>	<b>19,167</b>	<b>19,504</b>	<b>20,600</b>	<b>19,227</b>
U. S. plaintiff:									
Land condemnation.....	1,783	1,253	759	991	982	706	710	820	810
Rationing, price, and rent control (OPA-OHE).....		28,283	5,252	3,283	2,695	56	27	7	2
Defense Production Act 1950 <sup>2</sup> .....				2,116	1,069	42	6	5	1
Forfeiture:									
Food and drug.....	2,265	3,415	1,582	1,816	1,527	1,212	1,085	903	912
Liquor laws.....	569	593	517	683	551	687	419	397	415
Negotiable instruments.....	3,206	1,639	4,156	3,654	4,245	5,814	5,684	5,717	5,871
Other contracts.....	341	301	2,029	1,539	2,650	3,004	3,718	4,809	3,290
Other U. S. plaintiff.....	4,492	2,912	3,431	3,503	3,644	3,290	3,939	3,899	3,958
U. S. defendant:									
Habeas corpus (not including deportations).....	318	475	409	406	346	395	362	420	339
Admiralty.....	36	2,016	468	502	691	582	388	310	191
Tax suits.....	779	462	896	1,058	1,051	863	905	1,038	1,141
Federal Tort Claims Act.....			1,013	822	1,041	1,118	854	915	1,057
Other.....	755	738	1,342	1,870	2,474	1,398	1,407	1,351	1,240
<b>Private cases</b> .....	<b>14,365</b>	<b>10,057</b>	<b>22,600</b>	<b>25,491</b>	<b>29,508</b>	<b>29,015</b>	<b>28,804</b>	<b>30,684</b>	<b>34,116</b>
Federal question.....	5,427	3,563	6,743	7,622	8,928	7,492	7,117	7,602	8,143
Antitrust laws.....	110	26	155	255	207	159	206	225	184
Copyright.....	560	133	164	194	199	208	284	297	357
Patent.....	953	226	689	519	557	578	667	636	623
Trade-mark.....	173	91	204	178	192	193	210	247	243
Employers' Liability Act.....	100	412	1,084	1,231	1,316	1,282	1,363	1,327	1,358
Fair Labor Standards Act.....	816	597	245	224	215	182	151	125	173
Habeas corpus.....	127	536	560	541	548	597	660	734	778
Jones Act.....	949	384	1,716	2,227	2,463	2,253	2,067	2,392	2,712
Rationing, price, and rent control (OPA-OHE-Def. Prod. Act 1950).....		384	631	521	527	251	8	4	3
Other.....	1,639	774	1,295	1,732	2,704	1,789	1,501	1,615	1,712
Diversity of citizenship.....	7,286	5,288	13,124	15,125	17,374	18,598	19,121	20,524	23,223
Contract.....	2,685	2,141	4,862	4,869	5,624	6,484	6,660	7,216	7,581
Tort.....	3,631	2,763	7,572	9,696	11,170	11,503	11,842	12,562	14,954
Other.....	970	364	690	560	580	611	629	746	688
Admiralty.....	1,652	1,226	2,733	2,744	3,206	2,925	2,566	2,558	2,750

<sup>1</sup> Excludes Hawaii and Puerto Rico.

<sup>2</sup> Excludes rent control cases which are included with rationing, price, and rent control.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

## No. 183.—U. S. DISTRICT COURTS—TRIALS BEGUN: 1945 TO 1957

[For years ending June 30. For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought]

TYPE OF TRIAL	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>Total</b> .....	<b>9,779</b>	<b>9,572</b>	<b>9,878</b>	<b>10,073</b>	<b>10,768</b>	<b>11,275</b>	<b>11,138</b>	<b>11,198</b>	<b>10,443</b>
Civil trials.....	5,265	6,539	6,962	6,668	6,861	6,958	7,049	7,341	6,884
Non-jury.....	3,561	4,276	4,402	4,179	4,272	4,182	4,110	3,810	3,595
Jury.....	1,704	2,263	2,470	2,489	2,589	2,776	2,939	3,531	3,289
Criminal trials.....	4,514	3,033	2,916	3,405	3,907	4,317	4,089	3,857	3,559
Non-jury.....	1,503	961	1,035	1,167	1,361	1,493	1,351	1,319	1,214
Jury.....	3,011	2,072	1,881	2,238	2,546	2,824	2,738	2,538	2,345

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

## No. 184.—U. S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY BASIS OF JURISDICTION AND MAJOR NATURE OF SUIT GROUPS: 1957

[For year ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands. Excludes data for land condemnation cases]

BASIS OF JURISDICTION AND NATURE OF SUIT	Total	JUDGMENT WITHOUT CONTEST OR BY CONSENT					CONTESTED JUDGMENT—			
		Dis-mitted for want of prosecution	De-fault judgment	Con-sent judgment	Con-sent dismissal	Other disposition	By decision of court before trial	After non-jury trial	By court during jury trial	On jury verdict
<b>Total cases</b> .....	<b>51,597</b>	<b>1,288</b>	<b>7,777</b>	<b>6,390</b>	<b>25,493</b>	<b>1,866</b>	<b>4,049</b>	<b>2,603</b>	<b>216</b>	<b>1,915</b>
United States cases.....	19,677	268	7,195	2,163	6,273	539	1,931	1,197	11	100
Private cases.....	31,920	1,020	582	4,227	19,220	1,327	2,118	1,406	205	1,815
<b>United States plaintiff</b> .....	<b>14,991</b>	<b>159</b>	<b>7,190</b>	<b>1,875</b>	<b>4,092</b>	<b>305</b>	<b>848</b>	<b>473</b>	<b>7</b>	<b>42</b>
Enforcement of Federal statutes:										
Rent control—OHE.....	117	56	2	9	35	3	7	5		
Fair Labor Standards Act.....	693	2	24	388	181	4	48	39		7
Other enforcement suits.....	673	10	263	90	155	5	97	53		
Forfeitures:										
Food and drug.....	892	4	505	246	57	11	65	3		1
Liquor.....	418	1	99	79	44	6	74	108	1	6
Other forfeitures.....	197		89	29	39	2	18	19		1
Contract actions:										
Negotiable instruments.....	5,780	33	3,921	404	1,236	16	89	77		4
Other contracts.....	3,652	32	1,719	148	1,495	26	148	73	3	8
Other U. S. plaintiff.....	2,569	21	568	482	850	232	302	96	3	15
<b>United States defendant</b> .....	<b>4,686</b>	<b>109</b>	<b>5</b>	<b>288</b>	<b>2,181</b>	<b>234</b>	<b>1,083</b>	<b>724</b>	<b>4</b>	<b>58</b>
Habeas corpus.....	450	9		1	90	4	298	48		
Tort Claims Act.....	934	26		158	428	36	59	222		5
Tax suits.....	1,185	7	2	23	635	107	136	232	2	41
Other U. S. defendant.....	2,117	67	3	106	1,028	87	590	222	2	12
<b>Federal question</b> .....	<b>7,970</b>	<b>311</b>	<b>106</b>	<b>567</b>	<b>5,036</b>	<b>161</b>	<b>1,109</b>	<b>347</b>	<b>28</b>	<b>305</b>
Copyright.....	328	18	40	35	203	4	20	8		
Employers' Liability Act.....	1,311	25		42	1,008	34	22	11	10	159
Fair Labor Standards Act.....	187	14		18	109	3	14	24	1	4
Habeas corpus.....	814	10		1	80	2	693	28		
Jones Act.....	2,525	104	2	122	2,061	53	44	30	6	103
Miller Act.....	493	13	8	54	354	7	22	31		4
Patent.....	609	28	7	122	312	17	25	95	2	1
Other Federal question.....	1,703	99	49	173	909	41	269	120	9	34
<b>Diversity of citizenship</b> .....	<b>21,221</b>	<b>615</b>	<b>419</b>	<b>3,490</b>	<b>12,133</b>	<b>1,028</b>	<b>947</b>	<b>904</b>	<b>177</b>	<b>1,508</b>
Contracts:										
Insurance.....	3,514	29	22	1,860	944	116	139	172	22	210
Other contracts.....	3,712	147	304	486	1,938	105	301	289	21	121
Real property.....	822	29	15	46	249	37	45	85	1	15
Torts:										
Personal injury, motor vehicle.....	7,996	212	35	683	5,460	469	217	139	50	731
Personal injury, other negligence.....	3,940	136	3	296	2,668	184	124	122	64	343
Other diversity.....	1,537	62	40	119	874	117	121	97	19	88
<b>Admiralty</b> .....	<b>2,729</b>	<b>94</b>	<b>57</b>	<b>170</b>	<b>2,051</b>	<b>138</b>	<b>62</b>	<b>155</b>		<b>2</b>

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

# No. 185.—U. S. DISTRICT COURTS—CRIMINAL PROCEEDINGS COMMENCED, BY MAJOR OFFENSE GROUPS: 1954 TO 1957

[For years ending June 30. Figures for defendants are smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once.]

NATURE OF PROCEEDING AND OFFENSE	1954		1955		1956		1957	
	Cases	Defend- ants	Cases	Defend- ants	Cases	Defend- ants	Cases	Defend- ants
<b>Total</b> .....	41,808	47,883	35,310	41,149	28,739	34,284	28,120	34,309
<b>Proceeding commenced by—</b>								
Indictment.....	17,111	21,660	14,314	18,625	14,062	18,393	14,536	19,111
Information—indictment waived.....	8,273	8,949	8,722	9,370	7,670	8,099	7,619	8,242
Information—other.....	16,344	17,185	12,148	13,025	7,002	7,694	5,842	6,837
All other proceedings.....	80	89	126	129	105	98	123	110
<b>Offense:</b>								
Transportation, etc., of stolen motor vehicles.....	3,413	3,944	3,603	4,145	3,250	3,762	3,534	4,063
Larceny, fraud, and other theft <sup>1</sup> .....	8,550	9,849	8,882	10,113	9,267	10,342	9,233	10,525
White slave traffic.....	367	412	316	349	277	292	242	247
Narcotics.....	1,870	2,352	1,684	2,180	1,480	2,022	1,605	2,218
Liquor, Internal Revenue.....	3,738	5,641	3,968	5,965	4,038	5,993	4,131	6,134
Other liquor.....	88	100	31	38	26	32	40	49
Antitrust violations.....	10	97	16	190	24	143	18	170
Food and Drug Act.....	283	465	342	589	277	450	226	377
Immigration laws.....	15,797	15,994	9,686	9,743	3,628	3,613	2,302	2,346
Impersonation of Federal officer.....	173	173	177	180	220	214	184	181
Juvenile delinquency.....	1,171	1,438	1,040	1,235	1,131	1,398	1,269	1,508
Migratory bird laws.....	405	528	624	839	569	644	511	737
Motor Carrier Act.....	189	250	297	347	270	318	316	356
<b>National defense laws:</b>								
Selective Service Acts.....	1,017	1,015	466	477	251	250	304	303
Illegal use of uniform.....	161	157	112	109	137	137	105	103
Other <sup>2</sup> .....	230	350	125	164	77	101	53	75
All other U. S. offenses.....	1,892	2,558	1,924	2,405	1,768	2,168	1,862	2,340
<b>Offenses: local,<sup>3</sup> on U. S. reservations and high seas:</b>								
Robbery.....	248	313	193	220	169	215	158	228
Assault.....	209	311	203	191	262	263	288	201
Burglary.....	409	379	344	329	403	425	381	442
Larceny.....	382	390	313	341	340	370	375	405
Rape and other sex offenses.....	253	247	210	215	206	220	190	215
All other local, etc., offenses.....	863	920	754	775	769	912	793	936

<sup>1</sup> Includes burglary, embezzlement, forgery, income tax violations, theft, etc., interstate commerce and transportation, etc., of stolen property.

<sup>2</sup> Comprises treason, espionage, sabotage, sedition, and other offenses directly associated with national defense.

<sup>3</sup> District of Columbia, Alaska, Canal Zone, Guam, and Virgin Islands.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

**No. 186.—U. S. DISTRICT COURTS—CRIMINAL DEFENDANTS DISPOSED OF, BY  
MAJOR OFFENSE GROUPS: 1957**

[For year ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED AND SENTENCED					
		Total	Dis- missed	Acquit- ted	Total	Pleas of guilty or nolo	Con- victed	Type of sentence		
								Im- prison- ment	Probation and sus- pended sen- tence	Fine only
<b>Total (excluding juvenile delinquency) <sup>1</sup></b>	<b>29,725</b>	<b>3,471</b>	<b>2,366</b>	<b>1,105</b>	<b>26,254</b>	<b>23,867</b>	<b>2,387</b>	<b>12,986</b>	<b>10,760</b>	<b>2,508</b>
Transportation, etc., of stolen motor vehicles.....	3,944	251	187	64	3,693	3,532	161	2,678	1,013	2
Larceny, fraud, and other theft <sup>2</sup> .....	10,140	1,096	784	312	9,044	8,508	536	3,638	4,852	554
White slave traffic.....	272	56	30	26	216	159	57	180	32	4
Narcotics.....	1,910	256	184	72	1,654	1,264	390	1,432	220	2
Liquor, Internal Revenue.....	6,054	836	491	345	5,218	4,484	734	2,130	2,840	248
Other liquor.....	41	14	9	5	27	20	7	9	14	4
Antitrust violations.....	153	53	13	40	100	93	7	-----	2	98
Food and Drug Act.....	369	36	34	2	333	319	14	9	91	233
Immigration laws.....	2,287	106	84	22	2,181	2,154	27	1,449	668	64
Impersonating Federal officer.....	167	15	13	2	152	141	11	93	57	2
Migratory bird laws.....	706	63	43	20	643	607	36	38	44	561
Motor Carrier Act.....	347	16	14	2	331	325	6	-----	11	320
National defense laws: Selective Service Acts.....	357	95	75	20	262	183	79	194	68	-----
Illegal use of uniform.....	103	7	4	3	96	93	3	36	54	6
Other <sup>3</sup> .....	77	21	18	3	56	48	8	12	15	29
Counterfeiting.....	123	13	7	6	110	99	11	65	45	-----
All other U. S. offenses.....	2,041	451	324	127	1,590	1,355	235	737	510	337
Offenses committed on U. S. reservations and high seas.....	634	86	52	34	548	483	65	286	218	44
Juvenile delinquency.....	1,559	73	60	13	1,486	-----	1,486	812	674	-----

<sup>1</sup> Juvenile delinquency cases excluded from totals because proceedings differ in nature from ordinary court trial and because Attorney General has power to designate any public or private agency for custody of juvenile during period for which he is committed.

<sup>2</sup> See footnote 1, table 185.

<sup>3</sup> See footnote 2, table 185.

Source: Administrative Office of the U. S. Courts; *Annual Report of the Director*.

# No. 187.—LEGAL PROFESSION—LAWYERS, BY SEX, AGE, EDUCATION, AND STATUS IN PRACTICE: 1954

[Includes data for Alaska and Hawaii. Data based on 1955 edition of Martindale-Hubbell Law Directory]

ITEM	Total lawyers	IN CITIES <sup>1</sup> HAVING—		ITEM	Total lawyers	IN CITIES <sup>1</sup> HAVING—	
		200,000 inhabitants or more	Less than 200,000			200,000 inhabitants or more	Less than 200,000
Total <sup>2</sup> .....	241,514	126,041	115,473	Status in practice: <sup>4</sup>			
Total reporting <sup>3</sup> .....	221,600	115,891	105,709	Government service.....	21,279	8,360	12,919
Male.....	216,564	112,872	103,692	Federal.....	9,040	5,536	3,504
Female.....	5,036	3,019	2,017	State.....	8,561	871	2,590
Age:				City or county.....	8,678	1,853	6,825
Under 30 years.....	19,100	9,719	9,381	Judicial.....	7,903	1,853	6,050
30 to 39 years.....	54,793	26,642	23,151	Federal.....	5,041	264	357
40 to 49 years.....	58,526	31,673	28,853	City or county.....	2,241	511	1,730
50 to 59 years.....	42,163	23,656	18,508	Private practice.....	189,423	97,131	92,292
60 to 69 years.....	25,266	12,873	12,398	Individual.....	127,389	65,818	61,571
70 to 79 years.....	12,932	5,484	7,248	Partner.....	51,668	24,543	27,125
80 years and over.....	3,221	1,164	2,057	Associate.....	10,306	6,770	3,596
Unknown.....	5,599	4,481	1,118	Salaried.....	16,648	10,806	5,842
Education:				Private industry.....	15,063	10,093	4,970
Attended college.....	171,687	88,287	83,400	Educational institution.....	1,351	579	772
College degree.....	107,617	57,935	49,682	Other private employment.....	234	134	100
Attended law school.....	194,273	103,998	90,275	Inactive or retired.....	6,581	2,815	3,766
Law degree.....	170,597	92,842	77,755				
Unknown.....	18,695	9,732	8,963				

<sup>1</sup> According to the 1950 Census of Population.

<sup>2</sup> Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.

<sup>3</sup> Includes 4,440 duplications.

<sup>4</sup> If more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation; *Lawyers in the United States—Distribution and Income*, Part I (copyright 1956).

# No. 188.—AVERAGE NET INCOME OF LAWYERS, BY AGE AND NUMBER OF YEARS IN PRACTICE: 1954

[Based on sample; see source. Based on total net income received, classified by major source of income. For definition of median, see headnote, table 24]

AGE AND YEARS IN PRACTICE	ALL LAWYERS			MAJOR SOURCE OF INCOME					
	Percent in each group	Net income		Percent in each group	Independent practice		Salaried practice		
		Mean	Median		Mean	Median	Percent in each group	Net income	
								Mean	Median
Total.....	100.0	\$10,218	\$7,833	100.0	\$10,294	\$7,554	100.0	\$10,068	\$8,229
AGE									
Under 25 years.....	(1)	(2)	(2)	(1)	(2)	(2)			
25 to 29 years.....	5.7	5,276	5,099	4.7	4,966	4,342	7.9	5,641	5,460
30 to 34 years.....	15.5	6,750	6,166	12.0	6,656	5,679	22.4	6,849	6,392
35 to 39 years.....	14.0	8,925	7,827	13.8	8,962	7,743	14.5	8,855	7,908
40 to 44 years.....	14.6	11,356	9,371	15.3	11,376	9,146	13.1	11,310	9,726
45 to 49 years.....	15.5	12,152	9,496	16.2	12,075	9,257	14.3	12,323	9,974
50 to 54 years.....	12.0	12,844	9,728	12.7	12,651	9,046	10.5	13,308	10,562
55 to 59 years.....	7.2	12,874	9,366	7.5	12,739	8,650	6.5	13,183	10,288
60 to 64 years.....	6.1	12,193	8,897	6.3	11,973	7,500	5.6	12,686	10,194
65 and over.....	9.4	9,046	6,474	11.5	8,551	5,391	5.3	11,174	9,600
YEARS IN PRACTICE									
Under 5 years.....	11.9	5,030	4,856	9.3	4,317	3,359	16.9	5,815	5,520
5 to 9 years.....	20.7	7,688	7,020	18.3	7,652	6,730	25.4	7,742	7,193
10 to 14 years.....	9.4	9,741	8,706	9.1	9,596	8,194	9.9	10,006	9,010
15 to 19 years.....	11.9	11,676	9,775	12.4	11,669	9,414	10.8	11,602	10,167
20 to 24 years.....	13.9	12,118	9,863	14.7	11,944	9,424	12.4	12,530	10,488
25 to 29 years.....	12.6	13,181	9,839	13.8	13,025	9,380	10.4	13,591	10,375
30 to 34 years.....	7.1	13,095	9,200	7.6	12,785	8,233	6.1	13,873	10,385
35 to 39 years.....	4.2	13,029	9,262	4.7	12,794	8,250	3.3	13,695	10,875
40 to 44 years.....	4.3	12,309	9,278	4.9	12,269	8,536	3.1	12,435	10,550
45 or more.....	4.2	8,668	6,417	5.4	8,152	5,682	1.7	11,867	11,500

<sup>1</sup> Less than 0.05 percent.

<sup>2</sup> Too few cases reported to provide reliable results.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, December 1956.

**No. 189.—LEGAL PROFESSION—LAWYERS REPORTING, 1948, 1951, AND 1954,  
AND MEDIAN NET INCOME, 1954, BY STATES AND TERRITORIES**

[Data based on 1949, 1952, and 1955 editions of Martindale-Hubbell Law Directory, except as noted]

STATE OR TERRITORY	1948	1951	1954						Median net income <sup>1</sup>	
			Total	Male	In private practice	In government or judicial service	With law degree		All lawyers	In salaried practice
<b>Total<sup>2</sup>.....</b>	<b>171,110</b>	<b>204,111</b>	<b>221,600</b>	<b>216,564</b>	<b>189,423</b>	<b>29,182</b>	<b>170,597</b>		<b>\$7,833</b>	<b>\$8,229</b>
Alabama.....	1,692	2,098	2,151	2,113	1,816	428	1,670	7,500	(4)	(4)
Arizona.....	669	865	1,027	1,002	874	156	773	(4)	(4)	(4)
Arkansas.....	1,478	1,628	1,680	1,651	1,446	349	1,024	(4)	(4)	(4)
California.....	10,744	14,577	16,543	16,012	14,291	1,954	12,062	9,289	8,853	8,853
Colorado.....	1,584	2,122	2,450	2,405	2,077	339	2,087	7,375	5,750	5,750
Connecticut.....	2,013	2,515	2,945	2,915	2,527	329	2,339	9,438	(4)	(4)
Delaware.....	249	316	361	358	229	34	308	(4)	(4)	(4)
District of Col.....	4,702	6,637	8,030	7,606	4,875	2,743	7,053	8,886	8,631	8,631
Florida.....	2,949	4,165	5,397	5,272	4,897	826	4,575	5,833	6,750	6,750
Georgia.....	2,690	3,686	3,962	3,867	3,351	652	2,755	6,550	(4)	(4)
Idaho.....	459	579	614	609	515	134	458	(4)	(4)	(4)
Illinois.....	14,144	16,643	16,482	16,120	14,005	1,558	13,491	9,250	10,096	10,096
Indiana.....	3,781	4,119	4,308	4,224	3,663	701	3,179	7,827	(4)	(4)
Iowa.....	2,883	3,261	3,314	3,249	2,810	526	2,360	6,278	(4)	(4)
Kansas.....	1,823	2,220	2,373	2,337	2,085	489	1,923	6,750	6,700	6,700
Kentucky.....	2,569	3,009	2,975	2,937	2,560	547	2,059	6,438	(4)	(4)
Louisiana.....	2,190	2,730	3,061	2,986	2,613	405	2,295	7,958	(4)	(4)
Maine.....	767	887	923	904	852	198	569	(4)	(4)	(4)
Maryland.....	2,801	3,320	3,637	3,563	3,087	295	2,963	8,250	8,375	8,375
Massachusetts.....	6,950	7,788	8,168	7,954	7,374	693	6,323	7,615	7,650	7,650
Michigan.....	5,501	6,561	7,079	6,921	5,977	937	5,779	8,725	9,375	9,375
Minnesota.....	3,167	3,600	3,814	3,748	3,145	602	2,927	7,625	8,350	8,350
Mississippi.....	1,868	1,606	1,838	1,811	1,594	335	1,210	(4)	(4)	(4)
Missouri.....	4,934	5,802	6,141	6,023	4,972	801	4,761	7,357	6,900	6,900
Montana.....	620	794	847	831	708	198	609	(4)	(4)	(4)
Nebraska.....	1,823	2,079	2,163	2,124	1,733	431	1,581	5,950	(4)	(4)
Nevada.....	262	313	336	331	307	67	249	(4)	(4)	(4)
New Hampshire.....	410	492	531	518	462	112	384	(4)	(4)	(4)
New Jersey.....	5,827	7,042	7,372	7,225	6,720	673	4,739	8,542	8,458	8,458
New Mexico.....	439	617	698	694	607	141	552	(4)	(4)	(4)
New York.....	28,618	33,206	35,360	34,443	31,729	2,459	27,356	8,470	9,800	9,800
North Carolina.....	2,400	2,714	3,009	2,973	2,566	554	1,726	6,650	(4)	(4)
North Dakota.....	509	663	632	620	515	153	456	(4)	(4)	(4)
Ohio.....	9,525	11,020	12,310	12,069	10,663	1,268	9,597	7,685	7,338	7,338
Oklahoma.....	3,379	3,740	3,948	3,831	3,109	646	2,713	7,500	7,462	7,462
Oregon.....	1,604	1,922	2,115	2,080	1,834	320	1,658	9,083	8,150	8,150
Pennsylvania.....	8,763	9,526	10,228	10,078	9,108	885	7,790	9,260	9,444	9,444
Rhode Island.....	719	800	909	900	835	92	710	(4)	(4)	(4)
South Carolina.....	1,150	1,399	1,486	1,472	1,290	257	1,116	(4)	(4)	(4)
South Dakota.....	625	740	738	721	637	241	542	(4)	(4)	(4)
Tennessee.....	2,750	3,284	3,457	3,399	2,922	514	2,801	6,194	(4)	(4)
Texas.....	8,223	9,997	10,636	10,417	8,719	1,494	7,812	7,426	8,400	8,400
Utah.....	637	838	876	857	752	153	712	(4)	(4)	(4)
Vermont.....	354	393	403	395	350	77	235	(4)	(4)	(4)
Virginia.....	2,590	3,515	3,775	3,698	3,214	728	2,690	7,429	8,643	8,643
Washington.....	2,429	2,967	3,230	3,152	2,747	431	2,672	7,656	7,167	7,167
West Virginia.....	1,381	1,622	1,646	1,624	1,464	259	1,341	(4)	(4)	(4)
Wisconsin.....	3,420	4,215	4,688	4,623	4,028	792	3,974	6,750	6,812	6,812
Wyoming.....	286	380	432	422	344	98	344	(4)	(4)	(4)
Alaska.....	69	94	124	119	102	17	84	(4)	(4)	(4)
Hawaii.....	191	255	369	361	305	91	311	(4)	(4)	(4)

<sup>1</sup> See headnote, table 188. Data from Department of Commerce, Office of Business Economics, *Survey of Current Business*, December 1956.

<sup>2</sup> Includes 3,242 duplications for 1948, 4,148 for 1951, and 4,440 for 1954.

<sup>3</sup> See footnote 4, table 187.

<sup>4</sup> Not available.



**No. 190.—STATE AND FEDERAL PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY TYPE OF INSTITUTION: 1939 TO 1956**

[Rate per 100,000 of estimated civilian population. Includes reformatories]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal institutions		State institutions		All institutions		Federal institutions		State institutions	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1939.....	179,047	137.1	19,730	15.1	159,317	122.0	(1)	(1)	(1)	(1)	(1)	(1)
1940.....	172,930	131.4	19,200	14.6	153,720	116.8	72,378	55.0	15,109	11.5	57,269	43.5
1941.....	164,759	125.2	18,465	14.0	146,294	111.2	68,020	51.7	15,350	11.7	52,670	40.0
1942.....	149,788	114.4	16,623	12.7	133,165	101.7	58,262	44.5	13,725	10.5	44,537	34.0
1943.....	136,637	107.2	16,113	12.6	120,524	94.5	49,499	38.8	12,203	9.6	37,296	29.3
1944.....	131,884	104.1	18,139	14.3	113,745	89.8	49,690	39.2	14,047	11.1	35,643	28.1
1945.....	133,104	104.3	18,638	14.6	114,466	89.7	52,667	41.3	14,171	11.1	38,496	30.2
1946.....	139,430	100.8	17,622	12.7	121,808	88.0	60,653	43.8	14,950	10.8	45,703	33.0
1947.....	150,443	105.5	17,146	12.0	133,297	93.5	63,874	44.8	12,948	9.1	50,926	35.7
1948.....	155,086	106.8	16,328	11.2	138,758	95.6	62,805	43.3	12,430	8.6	50,375	34.7
1949.....	163,042	110.5	16,868	11.4	146,174	99.0	68,129	46.2	13,130	8.9	54,999	37.3
1950.....	165,496	110.2	17,134	11.4	148,362	98.8	68,846	45.8	14,237	9.5	54,609	36.4
1951.....	164,896	109.1	17,395	11.5	147,501	97.6	66,380	43.9	14,120	9.3	52,260	34.6
1952.....	167,374	109.1	18,014	11.7	149,360	97.4	69,986	45.6	15,305	10.0	54,681	35.7
1953.....	172,729	111.4	19,363	12.5	153,366	98.9	73,299	47.3	16,376	10.6	56,923	36.7
1954.....	182,051	114.4	20,003	12.6	162,048	101.9	79,946	50.3	16,685	10.5	63,261	39.8
1955.....	185,069	114.0	20,088	12.4	164,981	101.6	77,503	47.8	15,286	9.4	62,217	38.3
1956.....	188,730	114.2	20,134	12.2	168,596	102.0	77,029	46.6	13,454	8.1	63,575	38.5

<sup>1</sup> Comparable data not available.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 17.

**No. 191.—STATE AND FEDERAL PRISONS—MOVEMENT OF SENTENCED PRISONERS, BY SEX: 1955 AND 1956**

[Includes reformatories]

MOVEMENT OF SENTENCED PRISONERS	1955			1956		
	Total	Male	Female	Total	Male	Female
<b>Prisoners present:</b>						
January 1.....	182,051	175,057	6,994	185,069	177,944	7,125
December 31.....	185,069	177,944	7,125	188,730	181,355	7,375
Percent increase.....	1.7	1.6	1.9	2.0	1.9	3.5
<b>Admissions, total.....</b>	<b>138,825</b>	<b>133,266</b>	<b>5,559</b>	<b>146,581</b>	<b>140,629</b>	<b>5,952</b>
Admitted, except transfers.....	97,970	92,929	5,041	98,084	92,814	5,270
Received from courts.....	77,503	73,467	4,036	77,029	72,825	4,204
Returned as a parole or conditional-release violator.....	11,002	10,437	565	11,720	11,128	592
Returned from escape.....	1,996	1,906	90	2,251	2,143	108
Other admissions <sup>1</sup> .....	7,469	7,119	350	7,084	6,718	366
Transferred from other institutions.....	40,855	40,337	518	48,497	47,815	682
<b>Discharges, total.....</b>	<b>135,807</b>	<b>130,379</b>	<b>5,428</b>	<b>142,920</b>	<b>137,218</b>	<b>5,702</b>
Discharged, except transfers.....	94,827	89,443	4,884	94,543	89,513	5,030
Releases.....	82,924	78,569	4,355	83,099	78,632	4,467
Conditional.....	45,913	43,271	2,642	47,238	44,536	2,702
Parole.....	41,454	39,048	2,406	42,263	39,833	2,430
Conditional pardon.....	24	24	—	23	22	1
Other conditional release.....	4,435	4,199	236	4,952	4,681	271
Unconditional.....	37,011	35,208	1,713	35,861	34,096	1,765
Expiration of sentence.....	34,006	32,401	1,605	32,698	31,054	1,644
Pardon.....	104	102	2	128	117	11
Commutation.....	2,901	2,795	106	3,035	2,925	110
Escape.....	2,241	2,144	97	2,202	2,078	124
Death, except execution.....	745	728	17	657	643	14
Execution <sup>2</sup> .....	76	75	1	65	65	—
Other discharges <sup>1</sup> .....	8,341	7,927	414	8,520	8,095	425
Transferred to other institutions.....	41,480	40,836	544	48,377	47,705	672

<sup>1</sup> Includes prisoner movement incident to court orders and authorized temporary absences.

<sup>2</sup> Includes executions carried out under local jurisdiction.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 15 and 17.

**No. 192.—STATE AND FEDERAL PRISONS—PRISONERS PRESENT AND PRISONERS  
RECEIVED, BY STATES: 1950 TO 1956**  
[Includes reformatories]

STATE	PRESENT AT END OF YEAR					RECEIVED FROM COURTS				
	1950	1953	1954	1955	1956	1950	1953	1954	1955	1956
<b>United States.....</b>	<b>165,496</b>	<b>172,729</b>	<b>182,051</b>	<b>185,069</b>	<b>188,730</b>	<b>68,846</b>	<b>73,299</b>	<b>79,946</b>	<b>77,503</b>	<b>77,029</b>
Federal institutions <sup>1</sup> .....	17,134	19,363	20,003	20,088	20,134	14,237	16,376	16,685	15,286	13,454
State institutions.....	148,362	153,366	162,048	164,981	168,596	54,609	56,923	63,261	62,217	63,575
<b>New England:</b>										
Maine.....	736	641	611	620	646	471	285	312	325	362
New Hampshire.....	235	193	169	198	192	72	55	55	76	67
Vermont.....	250	280	278	285	254	210	158	180	207	158
Massachusetts.....	2,375	2,075	2,092	1,995	1,879	851	632	603	861	944
Rhode Island.....	8,591	257	289	305	298	250	201	202	201	269
Connecticut.....	1,020	1,173	1,188	1,260	1,263	440	564	570	591	603
<b>Middle Atlantic:</b>										
New York.....	15,313	16,328	16,530	17,069	17,345	3,456	4,297	4,507	4,510	4,464
New Jersey.....	3,091	3,625	3,796	3,782	3,944	1,555	1,599	1,697	1,679	1,865
Pennsylvania.....	7,432	6,636	7,205	7,342	7,462	1,867	1,667	2,320	2,187	2,282
<b>East North Central:</b>										
Ohio.....	9,128	9,482	10,146	10,483	10,679	2,727	2,811	3,264	3,264	3,263
Indiana.....	4,738	4,504	4,459	4,462	4,632	1,134	1,292	1,362	1,331	1,400
Illinois.....	7,886	7,632	7,948	8,130	8,063	1,868	1,927	2,162	2,196	1,919
Michigan.....	8,591	8,912	9,571	9,547	10,071	3,076	2,971	3,391	3,275	3,601
Wisconsin.....	2,017	2,216	2,210	2,281	2,336	1,051	1,153	1,210	1,265	1,283
<b>West North Central:</b>										
Minnesota.....	1,879	1,848	1,985	1,964	2,063	679	604	739	653	693
Iowa.....	2,084	2,034	2,162	2,203	2,177	632	635	740	743	711
Missouri.....	3,400	3,518	3,932	3,966	3,703	1,550	1,476	1,789	1,692	1,502
North Dakota.....	235	209	231	228	232	124	112	121	126	125
South Dakota.....	451	443	448	423	451	302	303	323	291	310
Nebraska.....	1,147	1,038	1,010	1,080	1,072	623	592	532	644	561
Kansas.....	1,959	2,090	2,113	1,974	1,932	833	764	779	802	794
<b>South Atlantic:</b>										
Delaware <sup>2</sup> .....	168	151	165	172	226	123	89	109	127	118
Maryland.....	3,892	4,500	4,930	4,685	5,117	3,060	3,736	4,318	3,855	4,130
Dist. of Columbia.....	1,478	1,786	1,914	2,020	2,119	580	763	661	679	733
Virginia.....	4,439	4,938	4,938	4,869	4,869	1,751	1,784	2,060	1,839	1,823
West Virginia.....	2,904	2,316	2,220	2,269	2,101	702	558	673	625	501
North Carolina.....	4,355	4,647	4,680	4,488	4,662	1,259	1,651	1,512	1,538	1,629
South Carolina.....	1,513	1,776	1,853	1,852	1,868	607	633	708	700	734
Georgia.....	4,545	5,185	5,442	5,701	5,908	1,606	1,761	1,983	2,067	1,955
Florida.....	3,973	3,878	4,343	4,830	5,107	1,516	1,453	1,774	2,105	2,357
<b>East South Central:</b>										
Kentucky.....	3,259	3,176	3,399	3,349	3,170	1,365	1,325	1,611	1,476	1,500
Tennessee.....	2,780	2,474	2,706	2,723	2,713	1,026	896	1,088	984	931
Alabama.....	4,464	4,879	5,255	5,222	5,407	2,514	2,708	3,075	3,065	3,045
Mississippi.....	2,168	1,890	1,970	2,080	2,011	753	490	657	737	610
<b>West South Central:</b>										
Arkansas.....	1,541	1,470	1,665	1,751	1,721	695	648	790	787	752
Louisiana.....	2,674	2,532	2,842	3,025	3,220	1,164	1,098	1,173	1,342	1,288
Oklahoma.....	2,401	2,423	2,479	2,600	2,664	1,183	1,159	1,196	1,237	1,248
Texas.....	6,424	7,781	8,509	8,622	9,268	2,996	3,511	3,900	3,947	4,051
<b>Mountain:</b>										
Montana.....	595	631	674	529	586	410	401	399	382	421
Idaho.....	514	464	511	520	526	290	219	295	233	251
Wyoming.....	410	288	326	345	326	237	188	244	231	206
Colorado.....	1,490	1,597	1,783	1,800	1,912	957	845	1,020	929	949
New Mexico.....	705	628	629	724	764	437	415	426	403	375
Arizona.....	878	994	1,007	1,055	1,118	452	523	537	540	609
Utah.....	562	583	560	554	602	239	173	167	168	207
Nevada.....	240	329	349	373	370	172	183	209	218	202
<b>Pacific:</b>										
Washington.....	2,290	2,331	2,438	2,443	2,468	933	909	887	805	734
Oregon.....	1,534	1,591	1,516	1,552	1,557	689	635	609	641	608
California.....	11,056	13,365	14,572	15,230	15,532	3,122	4,071	4,232	3,638	4,432

<sup>1</sup> Not included in State figures.

<sup>2</sup> Covers only the New Castle County workhouse through 1955; for the last 6 months of 1956 also includes the Kent and Sussex County workhouses which were united with it to form a State correctional system.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 13, 15, and 17.

# **No. 193.—AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME, BY OFFENSE: 1957**

For year ending June 30. Excludes 402 first releases other than by parole, expiration of sentence, and conditional release, also excludes 325 parole releases of offenders sentenced under the Youth Corrections Act. In computing averages, sentences to life and to more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday.

OFFENSE	ALL FIRST RELEASES				BY PAROLE				BY OTHER TYPES OF RELEASE			
	Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served	
			Months	Percent of average sentence			Months	Percent of average sentence			Months	Percent of average sentence
<b>Total offenses</b> .....	14, 058	27.3	17.2	63.0	3, 927	38.8	17.1	44.1	10, 131	22.8	17.2	75.4
Counterfeiting.....	68	56.9	38.0	66.8	22	57.5	25.9	45.0	46	56.7	43.8	77.2
Drug laws.....	1, 310	38.7	25.4	65.6	369	39.6	18.3	46.2	941	38.3	28.2	73.6
Embezzlement.....	205	21.2	10.6	50.0	132	24.2	9.9	40.9	73	15.7	11.9	75.8
Forgery.....	1, 893	22.5	15.9	70.7	213	26.1	12.4	47.5	1, 180	21.9	16.5	75.3
Fraud.....	175	18.4	11.7	63.6	59	21.8	9.8	45.0	116	16.7	12.7	76.0
Immigration.....	1, 034	10.9	8.2	75.2	100	18.7	8.8	47.1	934	10.1	8.2	81.2
Impersonating Federal officer.....	53	20.6	15.1	73.3	5	27.0	13.8	51.1	48	20.0	15.2	76.0
Income tax.....	191	13.8	8.4	60.9	91	15.2	6.6	43.4	100	12.6	10.0	79.4
Juvenile delinquency.....	731	33.1	18.0	54.4	449	33.9	15.4	42.9	282	28.6	22.1	77.3
Kidnaping.....	31	177.2	87.0	49.1	14	206.6	107.1	40.2	17	103.6	70.5	68.1
Larceny—thief.....	3, 526	25.8	18.2	70.5	694	26.0	12.8	49.2	2, 832	25.7	19.5	75.9
Transportation, etc., of stolen motor vehicle.....	2, 572	27.6	19.6	71.0	492	27.3	13.7	50.2	2, 080	27.7	21.0	75.8
Liquor laws.....	1, 886	13.2	8.9	67.4	580	15.4	7.2	46.8	1, 306	12.2	9.6	78.7
Robbery.....	135	107.4	54.3	50.6	52	109.4	45.6	41.7	83	104.2	67.9	65.2
Securities, transporting false or forged.....	237	29.7	20.3	68.4	34	42.2	19.6	46.4	203	27.6	20.4	73.9
Selective Service Acts.....	140	23.5	11.3	48.1	84	30.5	11.9	39.0	56	12.9	10.3	79.8
Wearing military uniform illegally.....	56	8.2	7.3	79.3	5	17.0	10.0	58.8	53	8.8	7.1	80.7
White slave traffic.....	295	29.5	19.9	67.5	54	23.7	13.5	47.0	151	29.8	22.1	74.2
Other and unclassifiable.....	580	24.8	16.2	65.3	171	23.9	13.2	45.7	409	23.2	17.5	75.4
District of Columbia cases.....	219	62.1	30.2	48.6	143	62.5	23.0	36.8	76	61.5	43.8	71.2
Government reservation, high seas, and territorial cases.....	1, 035	14.9	9.0	60.4	109	93.2	30.1	43.5	926	8.5	6.5	76.5
Military court-martial cases.....	748	71.2	36.0	50.6	509	73.9	34.0	43.1	239	64.7	40.2	73.5

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1957*.

# No. 194.—SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY OFFENSE: 1937 to 1957

[For years ending June 30. Data for all Federal prisoners; some committed to non-Federal institutions]

OFFENSE	1937	1940	1945	1950	1954	1955	1956	1957
<b>Total</b> .....	<b>24,202</b>	<b>23,003</b>	<b>21,200</b>	<b>18,063</b>	<b>22,497</b>	<b>20,013</b>	<b>16,700</b>	<b>16,733</b>
Counterfeiting and forgery.....	1,480	1,589	673	1,534	1,572	1,714	1,626	1,587
Drug laws.....	1,866	2,250	1,134	2,029	1,875	1,694	1,514	1,687
Marihuana.....	(1)	550	454	878	509	457	325	414
Narcotics.....	(1)	1,700	680	1,151	1,366	1,237	1,189	1,273
Embezzlement and fraud.....	510	750	340	609	445	487	453	515
Immigration.....	2,802	2,270	3,996	3,463	7,277	4,952	1,771	1,556
Income tax.....	(1)	(1)	15	164	203	237	241	251
Juvenile delinquency.....	44	216	911	658	820	734	825	963
Kidnaping.....	44	37	20	41	41	37	19	34
Liquor laws.....	12,238	10,735	2,988	2,304	2,143	2,294	2,183	2,376
Robbery.....	(1)	117	45	92	193	252	212	211
Theft from interstate commerce.....	308	313	475	270	320	342	318	310
Transportation, etc., of stolen motor vehicle.....	1,312	1,512	1,072	2,486	2,838	2,989	2,835	3,020
White slave traffic.....	370	378	209	185	242	240	206	195
Government reservation, D. C., high seas, and territorial cases.....	1,033	1,021	986	1,145	1,487	1,458	1,365	1,592
Other.....	2,203	1,759	1,748	2,104	1,851	1,973	1,882	1,941
National security offenses.....	30	56	6,588	879	1,181	610	1,250	495
Selective Service Acts.....			2,613	136	342	214	136	194
Other national-defense security laws.....	(1)	11	2,150	130	167	152	132	108
Military court-martial cases:								
Army.....	30	45	1,793	606	639	219	952	166
Navy.....			32	107	33	25	30	27

<sup>1</sup> Not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1957*.

# No. 195.—FEDERAL PRISONERS BY NUMBER OF PREVIOUS COMMITMENTS, BY OFFENSE: 1957

[For year ending June 30. Known previous commitments under sentence, of prisoners committed to Federal institutions under sentence of more than 1 year]

OFFENSE	Total com- mitted	WITH KNOWN PREVIOUS COMMITMENTS					Without known previous commit- ments
		Total		With 1	With 2	With 3 or more	
		Number	Percent of total com- mitted				
Total offenses.....	10,326	6,762	65.5	2,183	1,477	3,102	3,564
Counterfeiting.....	65	45	69.2	11	13	21	20
Drug laws.....	1,427	904	63.3	325	198	381	523
Embezzlement.....	125	31	24.8	12	6	13	94
Forgery.....	1,021	798	78.2	202	168	428	223
Fraud.....	132	74	56.1	33	14	27	58
Immigration.....	289	234	81.1	31	40	163	55
Impersonating Federal officer.....	31	26	83.9	8	5	13	5
Income tax.....	86	15	17.4	8	3	4	71
Juvenile delinquency.....	856	342	40.0	236	76	30	514
Kidnaping.....	32	20	62.5	9	4	7	12
Larceny—thft.....	3,254	2,536	77.9	681	567	1,288	718
Transportation, etc., of stolen motor vehicle.....	2,600	2,076	79.8	572	473	1,031	524
Liquor laws.....	1,187	755	63.6	286	159	310	432
Robbery.....	202	117	57.9	35	35	47	85
Securities, transporting false or forged.....	208	161	77.4	37	28	96	47
Selective Service Acts.....	139	18	12.9	7	6	5	121
Wearing military uniform illegally.....	28	20	71.4	4	5	11	8
White slave traffic.....	164	101	61.6	36	12	53	63
Other and unclassifiable.....	411	256	62.3	83	61	112	155
Government reservation, D. C., high seas and territorial cases.....	476	239	50.2	97	62	80	237
Military court-martial cases.....	193	70	36.3	42	15	13	123

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1957*.

# No. 196.—PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY OFFENSE AND RACE: 1930 to 1957

[Excludes executions by military authorities. The Army (including the Air Force) carried out 157: 148 between 1942 and 1950, and 3 each in 1954, 1955, and 1957; 101 of 157 were executed for murder (including 21 involving rape), 62 for rape, and 1 for desertion. The Navy carried out no executions during the period]

YEAR	ALL OFFENSES				MURDER <sup>1</sup>			RAPE			OTHER OFFENSES <sup>3</sup>		
	Total	White	Negro	Other <sup>1</sup>	Total	White	Negro	Total	White	Negro	Total	White <sup>1</sup>	Negro
All years.....	3,568	1,617	1,911	40	3,096	1,542	1,516	411	41	368	61	34	27
1930-1939.....	1,666	827	818	23	1,513	803	687	125	10	115	28	14	14
1940.....	124	49	75	—	105	44	61	15	2	13	4	3	1
1941.....	123	59	63	1	102	55	46	20	4	16	1	—	1
1942.....	147	67	80	—	116	57	59	24	4	20	7	6	1
1943.....	131	54	74	3	118	54	63	13	—	11	—	—	—
1944.....	120	47	70	3	96	45	48	24	2	22	—	—	—
1945.....	117	41	75	1	90	37	52	26	4	22	1	—	1
1946.....	131	46	84	1	107	45	61	22	—	22	2	1	1
1947.....	152	42	110	—	123	40	88	23	2	21	1	—	1
1948.....	119	35	82	2	95	32	61	22	1	21	2	2	—
1949.....	119	50	67	2	107	49	56	10	—	10	2	1	1
1950.....	82	40	42	—	68	36	32	13	4	9	1	—	1
1951.....	105	57	47	1	87	55	31	17	2	15	1	—	1
1952.....	83	36	47	—	71	35	36	12	1	11	—	—	—
1953.....	62	30	31	1	51	25	25	7	1	6	4	4	—
1954.....	81	38	42	1	71	37	33	9	1	8	1	—	1
1955.....	76	44	32	—	65	41	24	7	1	6	4	2	2
1956.....	65	21	43	1	52	20	31	12	—	12	1	1	—
1957.....	65	34	31	—	54	32	22	10	2	8	1	—	1

<sup>1</sup> All were for murder except 2 for rape in 1943. <sup>2</sup> Includes 29 females; 18 white, 11 Negro.

<sup>3</sup> 21 armed robbery, 17 kidnaping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), 4 aggravated assault.

<sup>4</sup> Includes 2 females, both executed in 1953, 1 for kidnaping and 1 for espionage.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 18.

# No. 197.—PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY RACE, BY STATES: 1955 to 1957

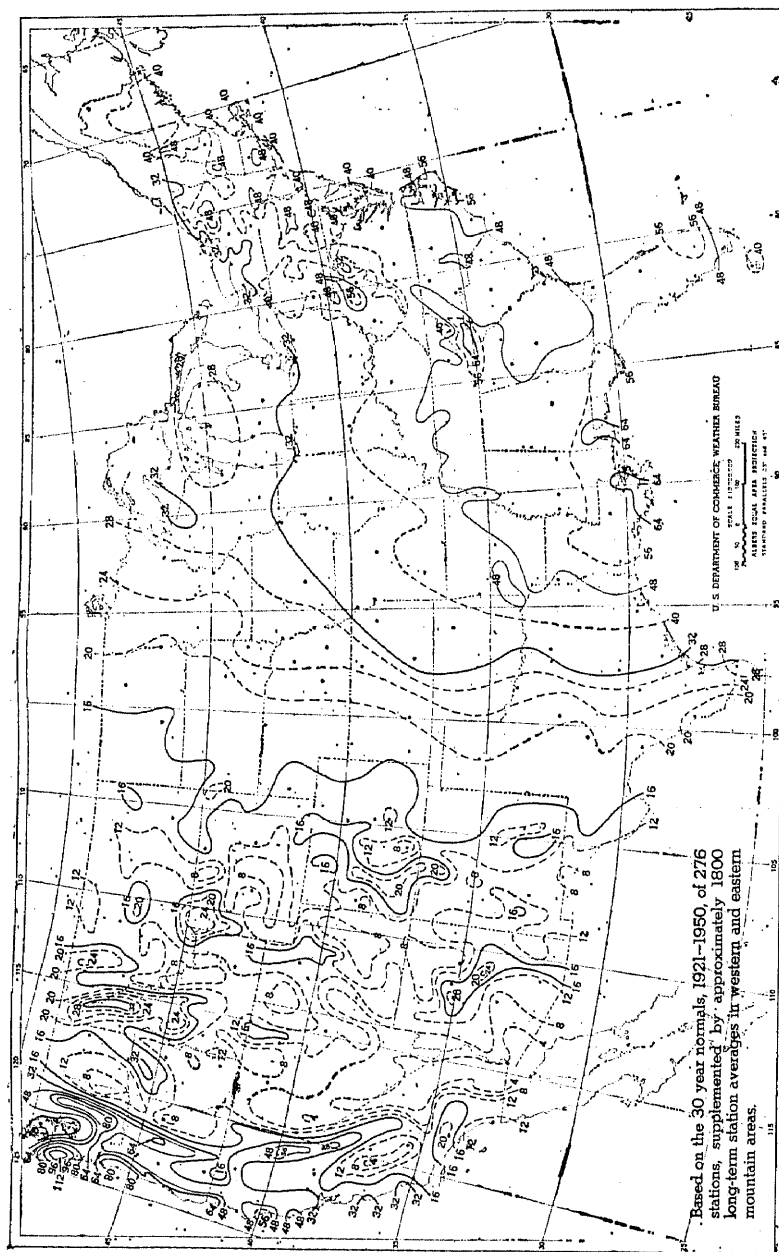
STATE	1955			1956			1957		
	Total	White	Negro	Total	White	Negro	Total	White	Negro
Total.....	76	44	32	165	121	43	165	134	31
Alabama.....	—	—	—	1	—	1	2	1	1
Arizona.....	2	2	—	—	—	—	1	1	—
Arkansas.....	—	—	—	1	—	1	—	—	—
California.....	9	9	—	25	1	3	9	9	—
Colorado.....	—	—	—	1	1	—	1	1	—
Connecticut.....	3	3	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	1	—	1
Florida.....	4	3	1	7	1	6	3	2	1
Georgia.....	4	1	3	6	1	5	14	4	10
Idaho.....	—	—	—	—	—	—	1	1	—
Kentucky.....	5	3	2	3	—	3	—	—	—
Louisiana.....	2	—	2	1	—	1	7	1	6
Maryland.....	1	—	1	—	—	—	1	1	—
Mississippi.....	8	4	4	8	—	8	2	1	1
Missouri.....	1	—	1	—	—	—	1	1	—
New Jersey.....	8	4	4	1	—	1	—	—	—
New Mexico.....	—	—	—	1	1	—	—	—	—
New York.....	7	5	2	16	5	11	4	3	1
North Carolina.....	1	—	1	1	—	1	1	—	1
Ohio.....	—	—	—	4	2	2	1	—	1
Oklahoma.....	—	—	—	1	1	—	2	2	—
Pennsylvania.....	7	4	3	2	1	1	—	—	—
South Carolina.....	4	1	3	4	—	4	2	—	2
Tennessee.....	4	1	3	—	—	—	2	1	1
Texas.....	4	3	1	7	2	5	5	3	2
Utah.....	1	1	—	2	2	—	—	—	—
Virginia.....	1	—	1	—	—	—	2	—	2
Washington.....	—	—	—	1	1	—	1	1	—
West Virginia.....	—	—	—	1	1	—	—	—	—

<sup>1</sup> Includes Federal executions not shown by State (1 in 1956 and 2 in 1957). <sup>2</sup> Includes 1 American Indian.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 14, 16, and 18.

FIG. XII.—NORMAL ANNUAL PRECIPITATION

[In inches. See table 216]



Source: Department of Commerce, Weather Bureau.

## Section 6

### Area, Geography, and Climate

Statistics in this section relate to area, climatological, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements issued infrequently by the Bureau of the Census, which present area and geography statistics of national scope. However, many data are compiled by Federal Government agencies, such as the Geological Survey, the Coast and Geodetic Survey, and the Weather Bureau, which are primarily for particular regions or are collected for internal administrative purposes.

**Area.**—Area measurements in the United States began with measurements for the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U. S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. The General Land Office was practically the sole source of information concerning the areas of the States and Territories until 1881.

The Bureau of the Census in 1881, as a part of the 1880 Census of Population, laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the method and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement.

The same Bureau, in 1940 in its publication *Areas of the United States: 1940* presented the first basic measurement of the United States since its work in 1880. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions.

**Geography.**—The Geological Survey, cooperating with State agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies.

A civil mapping activity of the Corps of Engineers, the United States Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information regarding harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

**Climate.**—The Weather Bureau is responsible for essentially all meteorologic data. It collects, processes, and publishes climatological data. This Bureau maintains about

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Note.—This section presents data for the most recent year or period available on March 3, 1958, when the material was organized and sent to the printer.

11,000 weather stations. Of this number nearly 3,000 stations produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871 although some earlier and less detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau has adopted the practice of using "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the several different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1921 to 1950, inclusive. Where a station had a record for the entire 30 years from the same instrument site, monthly precipitation normals are the mean of the monthly values for the 30 years. For such stations, the temperature normals were obtained in a similar manner, using normal maximum and normal minimum values to obtain monthly normals. The annual normal temperature is obtained by dividing the sum of the annual normal maximum value and the annual normal minimum value for temperature by 2.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1921 to 1950, 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, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjusting factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1921 to 1950) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated and made available for the first time.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and are computed on the standard base 65° F. The 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 degrees difference in the temperature between the average temperature for the day and 65° F."

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series B 24-25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.



# No. 198.—TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF PRINCIPAL TERRITORIES, POSSESSIONS, AND OTHER AREAS

[Boundaries of all territories listed under "Continental 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 1940. See also *Historical Statistics, 1789-1945*, series B 24-25]

ACCESSION	Date	Gross area (land and water)	ACCESSION	Date	Gross area (land and water)
<b>Total</b> .....		<i>Sq. mi.</i> <b>3,628,130</b>	<b>Other:</b>		<i>Sq. mi.</i>
Continental United States.....		3,022,387	<i>The Philippines</i> <sup>1</sup> .....	1898	115,600
Territory in 1790 <sup>1</sup> .....		883,811	Puerto Rico.....	1899	3,435
Louisiana Purchase.....	1803	827,192	Guam.....	1899	206
By treaty with Spain:			American Samoa.....	1900	76
Florida.....	1819	58,560	Canal Zone <sup>2</sup> .....	1904	553
Other areas.....	1819	13,443	Corn Islands <sup>3</sup> .....	1914	4
Texas.....	1845	390,144	Virgin Islands of the U. S.....	1917	133
Oregon.....	1846	285,580	Trust Territory of the Pacific Islands <sup>4</sup> .....	1947	8,475
Mexican Cession.....	1848	529,017	All other <sup>5</sup> .....		38
Gadsden Purchase.....	1853	29,640			
Territories.....		592,823			
Alaska.....	1867	586,400			
Hawaii.....	1898	6,423			

<sup>1</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

<sup>2</sup> 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.

<sup>3</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>4</sup> Leased (1914) from Republic of Nicaragua for 99 years. <sup>5</sup> Under trusteeship. See table 4, footnote 17.

<sup>6</sup> Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueno Bank, Rencador Cay, and Serrano Bank (each less than 0.5) and other islands specified in table 4, footnote 10, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

# No. 199.—COASTLINE OF THE UNITED STATES, BY STATES

[In miles]

STATE	General coast-line <sup>1</sup>	TIDAL SHORELINE		STATE	General coast-line <sup>1</sup>	TIDAL SHORELINE	
		General <sup>2</sup>	Detailed <sup>3</sup>			General <sup>2</sup>	Detailed <sup>3</sup>
<b>Total U. S.</b> .....	4,840	12,877	53,677	<b>Atlantic coast—Con.</b>			
<b>Atlantic coast.</b> .....	1,888	6,370	28,377	South Carolina.....	187	758	2,876
Connecticut.....		96	618	Virginia.....	112	567	3,315
Delaware.....	28	79	381	<b>Gulf coast.</b> .....	1,659	4,097	17,437
Florida.....	399	618	3,035	Alabama.....	53	199	607
Georgia.....	100	603	2,344	Florida.....	798	1,658	5,391
Maine.....	228	676	3,478	Louisiana.....	397	985	7,721
Maryland.....	31	452	3,190	Mississippi.....	44	155	359
Massachusetts.....	192	453	1,519	Texas.....	367	1,100	3,359
New Hampshire.....	13	14	131	<b>Pacific coast.</b> .....	1,293	2,410	7,863
New Jersey.....	130	398	1,792	California.....	840	1,190	3,427
New York.....	127	470	1,850	Oregon.....	296	312	1,410
North Carolina.....	301	1,030	3,375	Washington.....	157	908	3,026
Pennsylvania.....			89				
Rhode Island.....	40	156	384				

<sup>1</sup> Figures are lengths of general outline of seacoast. Measurements made with unit measure of 30 minutes of latitude on charts as near scale of 1:1,200,000 as possible. Shoreline of bays and sounds is included to point where they narrow to width of unit measure, and distance across at such point is included.

<sup>2</sup> Measurements made with unit measure of 3 statute miles on charts of 1:200,000 and 1:400,000 scale when available. Shoreline of bays, sounds, and other bodies of water included to point where they narrow to width of 3 statute miles, and distance across at such point is included.

<sup>3</sup> Figures obtained in 1939-1940 with recording measure on largest scale maps and charts then available. Shoreline of bays, sounds, and other bodies of water included to head of tide-water, or to point where they narrow to width of 100 feet.

Source: Department of Commerce, Coast and Geodetic Survey; *Coastline of the United States*, July 1948.

## No. 200.—AREA OF STATES, TERRITORIES, AND OTHER AREAS: 1950

[In square miles. See also table 4]

STATE OR OTHER AREA	Gross area	Land area <sup>1</sup>	Inland water <sup>2</sup>	STATE OR OTHER AREA	Gross area	Land area <sup>1</sup>	Inland water <sup>2</sup>
<b>Cont. U. S.</b> .....	<b>3,022,387</b>	<b>2,974,728</b>	<b>47,661</b>	<b>South Atlantic—Con.</b>			
<b>New England</b> .....	<b>66,608</b>	<b>63,159</b>	<b>3,449</b>	Georgia.....	58,876	58,483	393
Maine.....	33,215	31,040	2,175	Florida.....	58,560	54,262	4,298
New Hampshire.....	9,304	9,017	287	<b>East South Central</b> .....	<b>181,964</b>	<b>179,987</b>	<b>1,977</b>
Vermont.....	9,609	9,278	331	Kentucky.....	40,395	39,864	531
Massachusetts.....	8,257	7,867	390	Tennessee.....	42,244	41,797	447
Rhode Island.....	1,214	1,058	156	Alabama.....	51,609	51,078	531
Connecticut.....	5,009	4,899	110	Mississippi.....	47,716	47,248	468
<b>Middle Atlantic</b> .....	<b>102,745</b>	<b>100,811</b>	<b>2,234</b>	<b>West South Central</b> .....	<b>438,885</b>	<b>430,381</b>	<b>8,504</b>
New York.....	49,578	47,944	1,632	Arkansas.....	53,104	52,675	429
New Jersey.....	7,836	7,522	314	Louisiana.....	48,523	45,162	3,361
Pennsylvania.....	45,333	45,045	288	Oklahoma.....	69,919	69,031	888
<b>East North Central</b> .....	<b>248,283</b>	<b>244,867</b>	<b>3,416</b>	Texas.....	267,339	263,513	3,826
Ohio.....	41,222	41,000	222	<b>Mountain</b> .....	<b>863,887</b>	<b>857,296</b>	<b>6,591</b>
Indiana.....	36,291	36,205	86	Montana.....	147,138	145,878	1,260
Illinois.....	56,400	55,935	465	Idaho.....	83,557	82,769	788
Michigan.....	58,216	57,022	1,194	Wyoming.....	97,914	97,506	408
Wisconsin.....	56,154	54,705	1,449	Colorado.....	104,247	103,922	325
<b>West North Central</b> .....	<b>517,247</b>	<b>510,644</b>	<b>6,603</b>	New Mexico.....	121,666	121,511	155
Minnesota.....	84,068	80,009	4,059	Arizona.....	113,909	113,575	334
Iowa.....	56,290	56,045	245	Utah.....	84,916	82,346	2,570
Missouri.....	69,674	69,226	448	Nevada.....	110,540	109,789	751
North Dakota.....	70,665	70,057	608	<b>Pacific</b> .....	<b>323,866</b>	<b>319,841</b>	<b>4,025</b>
South Dakota.....	77,047	76,536	511	Washington.....	68,192	66,786	1,406
Nebraska.....	77,227	76,663	564	Oregon.....	96,981	96,315	666
Kansas.....	82,276	82,108	168	California.....	168,693	166,740	1,953
<b>South Atlantic</b> .....	<b>278,902</b>	<b>268,040</b>	<b>10,862</b>	Alaska.....	586,400	571,065	15,335
Delaware.....	2,057	1,978	79	American Samoa.....	76	76	
Maryland.....	10,577	9,881	696	Canal Zone <sup>3</sup> .....	553	362	191
Dist. of Columbia.....	69	61	8	Guam.....	206	203	3
Virginia.....	40,815	39,893	922	Hawaii.....	6,423	6,407	16
West Virginia.....	24,181	24,080	101	Puerto Rico.....	3,435	3,423	12
North Carolina.....	52,712	49,097	3,615	Trust Terr. of Pacific <sup>4</sup> .....	8,475		
South Carolina.....	31,055	30,305	750	Virgin Islands of U. S.....	133	132	1

<sup>1</sup> Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

<sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a 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. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

<sup>3</sup> See table 4, footnote 14.

<sup>4</sup> See table 4, footnote 17.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I, reports, and records.

## No. 201.—LOCATION OF EXTREME POINTS OF CONTINENTAL UNITED STATES

EXTREME POINTS	Compass direction	COORDINATES		Distance from geographic center
		Latitude	Longitude	
In Smith County, Kansas.....	Center.....	39°50'	98°35'	Miles
The Lake of the Woods projection, Minnesota.....	North.....	49°23'04.5"	95°09'11.6"	681
West Quoddy Head, near Eastport, Maine.....	East.....	44°49'	66°57'	1,645
Cape Sable, Florida.....	South.....	25°07'	81°05'	1,435
Southernmost point in Texas.....	South.....	25°50'	97°24'	967
Cape Alava, Washington.....	West.....	48°10'	124°44'	1,416

Note.—The following distances are computed to mean sea level: (a) From West Quoddy Head west along the parallel to the Pacific Ocean is 2,807 miles; (b) from the south point of Texas due north to the 49th parallel is 1,598 miles; and (c) the 2 points farthest apart are Point Arena, Calif., and West Quoddy Head, Maine (a distance of 2,897 miles).

Source: Department of the Interior, Geological Survey; *Boundaries, Areas, Geographic Centers, and Altitudes of the United States and the Several States* (bulletin 817), and records.

# No. 202.—WATER AREA, OTHER THAN INLAND WATER, BY PRIMARY BODIES OF WATER, BY STATES

[In square miles. Includes only that portion of body of water under the jurisdiction of the U. S. Excludes inland waters (see footnote 2, table 200)]

STATE	Area	STATE	Area	STATE	Area
<b>Total</b> .....	<b>74,364</b>	Louisiana.....	1,016	Ohio.....	3,457
Alabama.....	560	Maine.....	1,102	Oregon.....	48
California.....	69	Maryland.....	1,726	Pennsylvania.....	735
Connecticut.....	573	Massachusetts.....	959	Rhode Island.....	14
Delaware.....	350	Michigan.....	38,575	South Carolina.....	138
Florida.....	1,735	Minnesota.....	2,212	Texas.....	7
Georgia.....	48	Mississippi.....	556	Virginia.....	1,511
Illinois.....	1,526	New Jersey.....	384	Washington.....	2,397
Indiana.....	228	New York.....	4,376	Wisconsin.....	10,062

BODY OF WATER	State	Area	BODY OF WATER	State	Area
<b>Total</b> .....		<b>74,364</b>	Gulf of Mexico coastal water.....		
Atlantic coastal water.....		2,298		Alabama.....	3,837
	Florida.....	37		Florida.....	560
	Georgia.....	48		Louisiana.....	1,698
	Maine.....	1,102		Louisiana.....	1,016
	Massachusetts.....	959		Mississippi.....	556
	Rhode Island.....	14		Texas.....	7
	South Carolina.....	138	Lake Michigan.....	Illinois.....	22,178
Chesapeake Bay.....		3,237		Indiana.....	1,526
	Maryland.....	1,726		Michigan.....	228
	Virginia.....	1,511		Michigan.....	13,037
Delaware Bay.....		665		Wisconsin.....	7,387
	Delaware.....	350	New York Harbor.....		92
	New Jersey.....	315		New Jersey.....	69
Lake Erie.....		5,002		New York.....	23
	Michigan.....	216	Lake Ontario.....	New York.....	3,033
	New York.....	594	Pacific coastal water.....		343
	Ohio.....	3,457		California.....	69
	Pennsylvania.....	735		Oregon.....	48
Straits of Georgia and Juan de Fuca.....	Washington.....	1,610		Washington.....	226
Lake Huron.....	Michigan.....	8,975		Washington.....	561
Long Island Sound.....		1,299	Puget Sound.....	Michigan.....	116
	Connecticut.....	673	Lake St. Clair.....		21,118
	New York.....	726	Lake Superior.....	Michigan.....	16,231
				Minnesota.....	2,212
				Wisconsin.....	2,675

Source: Department of Commerce, Bureau of the Census; *Areas of the United States: 1940.*

## No. 203.—AREA OF SELECTED NATURAL LAKES

[In square miles. Comprises those with surface areas of 100 square miles or more]

LAKE	State	Area	LAKE	State	Area
Bear.....	Idaho and Utah.....	122	Pend Oreille.....	Idaho.....	123
Calcasieu <sup>1</sup> .....	Louisiana.....	117	Pontchartrain <sup>1</sup> .....	Louisiana.....	625
Champlain.....	New York and Vermont.....	490	Rainy.....	Minnesota and Canada.....	345
Flathead.....	Montana.....	188	Red Lake (Upper and Lower).....	Minnesota.....	440
Great Salt <sup>1</sup> .....	Utah.....	21,800	St. Clair.....	Michigan and Canada.....	460
Lake of the Woods.....	Minnesota and Canada.....	1,485	Salton Sea <sup>1</sup> .....	California.....	2,300
Leech.....	Minnesota.....	222	Tahoe.....	California and Nevada.....	193
Mille Lacs.....	Minnesota.....	208	Utah.....	Utah.....	145
Moosehead.....	Maine.....	117	Winnebago.....	Wisconsin.....	215
Okeechobee.....	Florida.....	700	Yellowstone.....	Wyoming.....	140

<sup>1</sup> Brackish.    <sup>2</sup> Variable.

Source: Department of the Interior, Geological Survey. (Compiled from various sources.)

## No. 204.—LENGTHS OF PRINCIPAL RIVERS

[Length represents distance to designated outflow from (a) original head water 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 head-water streams]

RIVER	Outflow	Length (miles)	RIVER	Outflow	Length (miles)
Alabama.....	Mobile River.....	315	Missouri.....	Mississippi River.....	2,465
Allegheny.....	Ohio River.....	325	Missouri-Red Rock.....	Mississippi River.....	2,713
Altamaha-Ocmulgee.....	Atlantic Ocean.....	392	Mobile-Alabama-Coosa.....	Mobile Bay.....	639
Apalachicola-Chatta- hoochee.....	Gulf of Mexico.....	500	Neches.....	Sabine Lake.....	280
Arkansas.....	Mississippi River.....	1,450	Neosho.....	Arkansas River.....	460
			Neuse.....	Pamlico Sound.....	260
Big Black (Miss.).....	Mississippi River.....	330	New.....	Kanawha River.....	255
Big Horn.....	Yellowstone River.....	336	Niobrara.....	Missouri River.....	431
Black (Mo.-Ark.).....	White River.....	280	North Canadian.....	Canadian River.....	760
Brazos.....	Gulf of Mexico.....	870	North Platte.....	Platte River.....	618
Canadian.....	Arkansas River.....	906	Nueces.....	Nueces Bay.....	338
Cape Fear.....	Atlantic Ocean.....	202	Ohio.....	Mississippi River.....	981
Cedar (Iowa).....	Iowa River.....	320	Ohio-Allegheny.....	Mississippi River.....	1,306
Cheyenne.....	Missouri River.....	290	Osage.....	Missouri River.....	500
Cimarron.....	Arkansas River.....	600	Ouachita.....	Red River.....	605
Clark Fork-Pend Oreille.....	Columbia River.....	605	Owyhee.....	Snake River.....	250
			Pearl.....	Gulf of Mexico.....	490
Colorado (Ariz.).....	Arizona-Sonora boundary line.....	1,360	Pecos.....	Rio Grande.....	735
Colorado (Texas).....	Matagorda Bay.....	840	Pee Dee.....	Winyah Bay.....	233
Columbia.....	Pacific Ocean.....	1,214	Pee Dee-Yadkin.....	Winyah Bay.....	435
Columbia, Upper.....	To mouth of Snake River.....	890	Platte.....	Missouri River.....	310
Connecticut.....	Long Island Sound.....	407	Potomac.....	Chesapeake Bay.....	287
Coosa.....	Alabama River.....	286	Powder.....	Yellowstone River.....	375
Cumberland.....	Ohio River.....	687	Red (Okla.-Tex.-La.).....	Mississippi River.....	1,018
Delaware.....	Liston Point at Head of Delaware Bay.....	280	Red River of the North.....	Lake Winnipeg.....	545
Deschutes.....	Columbia River.....	250	Republican.....	Kansas River.....	545
Des Moines.....	Mississippi River.....	327	Rio Grande.....	Gulf of Mexico.....	1,885
Dolores.....	Colorado River.....	230	Roanoke.....	Albemarle Sound.....	380
Flint.....	Apalachicola River.....	265	Rock (Ill.-Wis.).....	Mississippi River.....	300
French Broad.....	Tennessee River.....	210	Sabine.....	Sabine Lake.....	380
Gila.....	Colorado River.....	630	Sacramento.....	Suisun Bay.....	382
Grand (Mich.).....	Lake Michigan.....	260	St. Francis.....	Mississippi River.....	425
Green (Ky.).....	Ohio River.....	360	St. Johns (Fla.).....	Atlantic Ocean.....	276
Green (Utah-Wyo.).....	Colorado River.....	730	St. Joseph.....	Lake Michigan.....	210
Hudson.....	Upper New York Bay.....	306	Salmon (Idaho).....	Snake River.....	420
Humboldt.....	Humboldt Sink.....	290	San Joaquin.....	Suisun Bay.....	350
Illinois.....	Mississippi River.....	273	San Juan.....	Colorado River.....	360
Iowa.....	Mississippi River.....	291	Santee-Waterloo-Ca- tawba.....	Atlantic Ocean.....	538
James (N. Dak.- S. Dak.).....	Missouri River.....	710	Savannah.....	Atlantic Ocean.....	314
James (Va.).....	Hampton Roads.....	340	Scioto.....	Ohio River.....	237
Jefferson-Beaverhead- Red Rock.....	Missouri River.....	248	Smoky Hill.....	Kansas River.....	540
John Day.....	Columbia River.....	281	Snake.....	Columbia River.....	1,038
Kanawha-New.....	Ohio River.....	352	South Platte.....	Platte River.....	424
Kentucky.....	Ohio River.....	259	Susquehanna.....	Chesapeake Bay.....	444
Klamath.....	Pacific Ocean.....	250	Tallahatchie.....	Yazoo River.....	301
Little Colorado.....	Colorado River.....	300	Tallapoosa.....	Alabama River.....	298
Little Missouri.....	Missouri River.....	560	Tar-Pamlico.....	Pamlico Bay.....	215
Milk.....	Missouri River.....	625	Tennessee.....	Ohio River.....	652
Minnesota.....	Mississippi River.....	332	Tennessee-French Broad.....	Ohio River.....	862
Mississippi.....	Head of Passes.....	2,330	Tombigbee.....	Mobile River.....	409
Mississippi, Upper.....	To mouth of Missouri River.....	1,171	Tongue.....	Yellowstone River.....	246
			Trinity.....	Galveston Bay.....	360
Mississippi-Missouri- Red Rock.....	Head of Passes.....	3,872	Wabash.....	Ohio River.....	475
			Washita.....	Red River.....	500
			White (Ark.-Mo.).....	Mississippi River.....	690
			Wisconsin.....	Mississippi River.....	430
			Yellowstone.....	Missouri River.....	671

Source: Department of the Interior, Geological Survey; *Lengths of the Principal Rivers in the United States*, January 1951.

## No. 205.—ESTIMATED BASIN WATER FLOW FROM THE UNITED STATES TO THE OCEANS

[In thousands. Flow originating in Canada and Mexico deducted]

DESCRIPTION	Area (square miles)	Mean flow (cubic feet per second)	DESCRIPTION	Area (square miles)	Mean flow (cubic feet per second)
<b>Total</b> .....	<b>3,020</b>	<b>1,803</b>	Western Gulf of Mexico basins.....	320	55
North Atlantic slope basins.....	148	210	Colorado River Basin.....	246	23
South Atlantic slope and eastern Gulf of Mexico basins.....	284	325	Great Basin.....	215	-----
Mississippi River Basin.....	1,250	620	Pacific slope basins in California.....	117	80
Hudson Bay basins.....	48	5	Columbia River Basin and coastal streams in Oregon and Washington.....	262	345
St. Lawrence River Basin.....	130	140			

Source: Department of the Interior, Geological Survey; circular 52, *Annual Runoff in the United States*, June 1949.

## No. 206.—ALTITUDES OF MOUNTAIN PEAKS, FOR THE UNITED STATES AND ALASKA

[In feet. Comprises peaks 14,000 feet or over, above sea level]

SUMMIT	State or Territory	Rank	Altitude	SUMMIT	State or Territory	Rank	Altitude
Alverstone.....	Alaska.....	14	14,500	Massive.....	Colo.....	18	14,418
Antero.....	Colo.....	27	14,269	McKinley.....	Alaska.....	1	20,320
Augusta.....	Alaska.....	63	14,070	Middle Palisade.....	Calif.....	73	14,040
Barnard.....	Calif.....	84	14,003	Missouri.....	Colo.....	65	14,067
Bear.....	Alaska.....	11	14,850	Muir.....	Calif.....	77	14,025
Belford.....	Colo.....	39	14,197	North Maroon Peak.....	Colo.....	87	14,000
Bierstadt.....	Colo.....	70	14,046	North Palisade.....	Calif.....	35	14,242
Blackburn.....	Alaska.....	5	16,523	North Peak.....	Alaska.....	2	19,370
Blanca Peak.....	Colo.....	22	14,317	Oxford.....	Colo.....	49	14,153
Bona.....	Alaska.....	6	16,421	Pikes Peak.....	Colo.....	57	14,110
Bross.....	Colo.....	43	14,169	Point Success.....	Wash.....	50	14,150
Brown Tower.....	Alaska.....	13	14,530	Princeton.....	Colo.....	38	14,197
Cameron.....	Colo.....	36	14,238	Pyramid (Pitkin County).....	Colo.....	85	14,000
Capitol.....	Colo.....	54	14,137	Quandary.....	Colo.....	32	14,252
Castle (Gunnison-Pitkin Counties).....	Colo.....	30	14,259	Ranier.....	Wash.....	19	14,410
Columbia.....	Colo.....	62	14,073	Red Cloud.....	Colo.....	68	14,050
Crestone.....	Colo.....	24	14,291	Russell.....	Calif.....	42	14,190
Crestone Needle (Custer-Saguache Counties).....	Colo.....	41	14,191	St. Elias.....	Alaska.....	3	18,008
Culebra.....	Colo.....	64	14,069	Sanford.....	Alaska.....	7	16,208
Democrat.....	Colo.....	53	14,142	San Luis.....	Colo.....	52	14,146
Elbert.....	Colo.....	16	14,431	Shasta.....	Calif.....	45	14,162
El Diente.....	Colo.....	46	14,159	Shavano.....	Colo.....	37	14,229
Eolus (Aeolus).....	Colo.....	60	14,086	Sherman.....	Colo.....	75	14,037
Evans (Clear Creek County).....	Colo.....	29	14,260	Sill, Mount.....	Calif.....	44	14,162
Fairweather.....	Alaska.....	9	15,300	Sneffels.....	Colo.....	51	14,150
Foraker.....	Alaska.....	4	17,395	Snowmass.....	Colo.....	61	14,077
Grays.....	Colo.....	26	14,274	Split.....	Calif.....	67	14,058
Grizzly.....	Colo.....	86	14,000	Stewart.....	Colo.....	76	14,032
Handies.....	Colo.....	69	14,049	Sunlight.....	Colo.....	66	14,060
Harvard.....	Colo.....	17	14,420	Sunshine (Pk.).....	Colo.....	79	14,018
Hubbard.....	Alaska.....	10	14,950	Tabeguache.....	Colo.....	48	14,155
Humbolt.....	Colo.....	71	14,044	Torreys.....	Colo.....	28	14,264
Hunter.....	Alaska.....	12	14,580	Tyndall.....	Calif.....	73	14,025
Huron.....	Colo.....	83	14,005	Uncompahgre.....	Colo.....	23	14,301
Kit Carson.....	Colo.....	58	14,100	Vancouver.....	Alaska.....	8	15,700
Langley.....	Calif.....	72	14,042	Wetterhorn (Pk.).....	Colo.....	80	14,017
La Plata.....	Colo.....	21	14,340	White.....	Calif.....	34	14,246
Liberty Cap.....	Wash.....	56	14,112	Whitney.....	Calif.....	15	14,495
Lincoln.....	Colo.....	25	14,284	Williamson.....	Calif.....	20	14,384
Lindsey.....	Colo.....	55	14,125	Wilson Mountain.....	Colo.....	33	14,246
Little Bear Peak.....	Colo.....	74	14,040	Wilson (Pk.) (San Miguel County).....	Colo.....	81	14,017
Longs.....	Colo.....	31	14,255	Windom.....	Colo.....	59	14,091
Maroon Peak.....	Colo.....	47	14,158	Wrangell.....	Alaska.....	82	14,006
				Yale.....	Colo.....	40	14,196

Source: Department of the Interior, Geological Survey; *Named Peaks of the Continental United States Including Alaska in Order of Altitudes Above Sea Level of 14,000 Feet or Over* (release M 10-20), and records.

## No. 207.—EXTREME AND MEAN ALTITUDES IN THE UNITED STATES, BY STATES AND OTHER AREAS

[In feet]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		Approximate mean altitude
	Name	Altitude	Name	Altitude	
Cont. U. S.	Mount Whitney	14,495	Death Valley	-282	2,500
Alabama	Cheaha Mountain	2,407	Gulf of Mexico	(1)	500
Arizona	Humphreys Peak	12,670	Colorado River	160	4,100
Arkansas	Blue Mountain	2,800	Ouachita River	55	650
	Magazine Mountain	2,800			
California	Mount Whitney	14,495	Death Valley	-282	2,900
Colorado	Mount Elbert	14,431	Arkansas River	3,350	6,800
Connecticut	N. Bdy.-Mt. Frissell	2,380	Long Island Sound	(1)	500
Delaware	EBright Road	450	Atlantic Ocean	(1)	60
Dist. of Col.	Tenleytown	420	Potomac River	(1)	150
Florida	Sec. 30, T6N, R20W, Walton County	345	Atlantic Ocean	(1)	100
Georgia	Brasstown Bald	4,784	Atlantic Ocean	(1)	600
Idaho	Borah Peak	12,662	Snake River	720	5,000
Illinois	Charles Mound	1,241	Mississippi River	279	600
Indiana	Greensfork Twp., Randolph County	1,240	Ohio River	320	700
Iowa	Osceola County	1,675	Mississippi River	480	1,100
Kansas	In T15S R43W, Wallace Co.	4,135	Verdigris River	700	2,000
Kentucky	Black Mountain	4,145	Mississippi River	257	750
Louisiana	Driskill Mountain	535	New Orleans	-5	100
Maine	Mount Katahdin	5,268	Atlantic Ocean	(1)	600
Maryland	Backbone Mountain, near Kempton, W. Va.	3,360	Atlantic Ocean	(1)	350
Massachusetts	Mount Greylock	3,491	Atlantic Ocean	(1)	500
Michigan	T50N R31W Sec. 2	1,980	Lake Erie	572	900
Minnesota	Misquah Hills	2,230	Lake Superior	602	1,200
Mississippi	Woodall Mountain, near Iuka	806	Gulf of Mexico	(1)	300
Missouri	Taum Sauk Mountain	1,772	St. Francis River	230	800
Montana	Granite Peak	12,790	Kootenai River	1,803	3,400
Nebraska	Johnson Twp., Kimball Co.	5,424	Southeast corner of State	840	2,600
Nevada	White Mountains, Boundary Peak	13,145	Colorado River	470	5,500
New Hampshire	Mount Washington	6,288	Atlantic Ocean	(1)	1,000
New Jersey	High Point	1,801	Atlantic Ocean	(1)	250
New Mexico	Wheeler Peak	13,160	Red Bluff Res.	2,817	5,700
New York	Mount Marcy	5,344	Atlantic Ocean	(1)	1,000
North Carolina	Mount Mitchell	6,684	Atlantic Ocean	(1)	700
North Dakota	Black Butte	3,468	Red River of the North	750	1,900
Ohio	Campbell Hill	1,550	Ohio River	433	850
Oklahoma	Black Mesa	4,978	Red River	300	1,300
Oregon	Mount Hood	11,245	Pacific Ocean	(1)	3,300
Pennsylvania	Negro Mountains (Mount Davis)	3,213	Delaware River	(1)	500
Rhode Island	Jerimoth Hill	812	Atlantic Ocean	(1)	200
South Carolina	Sassafras Mountain	3,560	Atlantic Ocean	(1)	350
South Dakota	Harney Peak	7,242	Big Stone Lake	962	2,200
Tennessee	Clingmans Dome	6,642	Mississippi River	182	900
Texas	Guadalupe Peak	8,751	Gulf of Mexico	(1)	1,700
Utah	Kings Peak	13,498	Beaverdam Creek	2,000	6,100
Vermont	Mount Mansfield	4,393	Lake Champlain	95	1,000
Virginia	Mount Rogers	5,720	Atlantic Ocean	(1)	950
Washington	Mount Rainier	14,410	Pacific Ocean	(1)	1,700
West Virginia	Spruce Knob	4,860	Potomac River	240	1,500
Wisconsin	Sugarbush Hill	1,951	Lake Michigan	581	1,050
Wyoming	Gannett Peak	13,785	Belle Fourche River	3,100	6,700
Alaska	Mount McKinley	20,320	Pacific Ocean	(1)	—
Canal Zone	Cerro Gajera	1,205	Atlantic Ocean	(1)	100
Guam	Mount Lamam	1,334	Pacific Ocean	(1)	—
Hawaii	Mauna Kea	13,796	Pacific Ocean	(1)	—
Puerto Rico	Cerro de Punta	4,389	Atlantic Ocean	(1)	—
Samoa	Lata	3,056	—	—	—
Virgin Islands	Crown Mountain	1,556	Atlantic Ocean	(1)	—

1 Sea level.

Source: Department of the Interior, Geological Survey; *Extreme and Mean Altitudes in the United States, Its Territories and Possessions*, and records.

## No. 208.—ESTIMATED WATER USE: 1900 TO 1975

[In billions of gallons daily average. In preparing these projections, it was estimated that the population residing in continental United States would grow from 164.6 million in 1955 to 206.6 million in 1975, and that the index of industrial production would rise 50 percent in the same period]

YEAR	TOTAL WATER USE		IRRIGATION <sup>1</sup>		PUBLIC WATER SUPPLIES		SELF-SUPPLIED USE					
							Domestic <sup>2</sup>		Industrial and miscellaneous <sup>3</sup>		Steam electric power	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1900.....	40.19	6.97	20.19	2.50	3.00	1.14	2.00	1.67	10.00	1.50	5.00	0.16
1910.....	66.44	11.18	39.04	5.85	4.70	1.41	2.20	1.84	14.00	1.89	6.50	0.19
1920.....	92.34	14.60	55.94	8.30	6.00	1.80	2.40	2.04	18.00	2.25	10.00	0.21
1930.....	110.50	16.53	60.20	8.88	8.00	2.26	2.90	2.54	21.00	2.48	18.40	0.37
1940.....	135.43	19.55	71.03	10.36	10.10	2.75	3.10	2.77	29.00	3.24	22.20	0.43
1945.....	175.06	24.55	83.06	12.76	12.00	3.13	3.20	2.95	48.00	5.18	28.80	0.53
1950.....	203.10	31.48	100.00	18.00	14.10	3.58	4.60	4.37	46.00	4.86	38.40	0.67
1955.....	262.04	41.24	119.84	24.75	17.00	4.18	5.40	5.16	60.00	6.13	59.80	1.02
1960.....	312.45	48.32	134.05	28.93	22.00	5.23	6.00	5.81	71.90	7.11	77.60	1.24
1965.....	359.47	55.21	148.07	33.31	25.00	5.75	6.50	6.34	87.70	8.45	92.20	1.35
1970.....	404.51	62.39	159.01	38.41	27.80	6.14	6.90	6.74	103.00	9.58	107.80	1.52
1975.....	453.08	69.37	169.68	43.84	29.80	6.26	7.20	7.04	115.40	10.40	131.00	1.83

<sup>1</sup> Total take, including delivery losses but not including reservoir evaporation.

<sup>2</sup> Nonfarm domestic and farm domestic and farm stock wells.

<sup>3</sup> Manufacturing industry, mineral industry, commercial, air conditioning, resorts, motels, military, and miscellaneous.

Source: Department of Commerce, Business and Defense Services Administration; *Water Use in the United States, 1900-1975*. (Bulletin 136.)

## No. 209.—INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1955

[Includes only systems serving a 1950 population of 25,000 or more. Estimated number of public water systems in continental United States is 17,500 systems serving a population of approximately 113 million. An estimated 16 percent of water used by manufacturing industries is supplied by public water systems]

ITEM	Total communities	COMMUNITIES HAVING A POPULATION SERVED OF—				
		500,000 or more	250,000 to 500,000	100,000 to 250,000	50,000 to 100,000	25,000 <sup>1</sup> to 50,000
Communities and districts.....number.....	579	38	35	112	184	210
1950 Census population.....1,000.....	64,108	31,319	6,871	10,672	9,075	6,171
Estimated population served.....do.....	84,770	43,545	10,360	14,466	10,308	6,001
Owship of public water supply.....number.....	551	38	35	107	179	192
Municipal or district—public.....do.....	445	32	25	85	146	157
Private.....do.....	106	6	10	22	33	35
Average output of water <sup>2</sup> .....mil. gal. daily.....	12,326.6	6,551.5	1,326.7	2,084.1	1,388.1	976.2
Water used, maximum month <sup>2</sup> .....mil. gal.....	505,031.8	270,187.9	52,439.5	86,034.1	58,332.9	38,050.1
Water used, maximum day <sup>2</sup> .....mil. gal. daily.....	20,027.7	10,442.2	2,113.1	3,528.7	2,397.4	1,546.3
Impounded storage.....mil. gal.....	4,055,894.3	1,816,946.0	527,304.0	1,078,151.6	284,301.1	349,191.6
Safe yield watershed or stream.....mil. gal. daily.....	33,973.5	6,420.0	4,001.8	16,325.8	5,549.7	1,676.2
Transmission capacity, maximum.....do.....	25,839.0	17,014.0	2,690.1	2,894.2	2,094.1	1,146.6
Dependable yield, ground water.....do.....	4,738.6	785.3	437.3	1,574.1	1,075.5	866.4
Raw water storage.....mil. gal.....	246,779.1	178,044.0	53,064.0	862.6	12,648.4	2,160.1
Raw water pumping capacity.....mil. gal. daily.....	17,646.7	8,221.4	1,681.5	3,590.6	2,609.2	1,544.0
Treatment plant:						
Rated capacity.....do.....	17,429.9	7,447.6	2,159.3	3,677.1	2,254.2	1,891.7
Overload capacity <sup>2</sup> .....do.....	21,120.4	9,224.1	2,617.1	4,373.5	2,732.9	2,172.8
Service pumping capacity.....mil. gal. daily.....	24,162.8	11,475.2	2,655.1	4,336.0	3,704.8	1,991.7
Distribution storage:						
Pumped to mains.....mil. gal.....	5,563.7	1,909.1	637.7	1,373.0	1,175.8	488.1
Elevated.....do.....	28,003.7	21,923.4	991.7	2,357.1	1,824.3	907.2
Number of services <sup>2</sup> .....1,000.....	16,831	7,022	2,110	3,385	2,659	1,655
Number of meters <sup>2</sup> .....do.....	14,444	5,358	2,045	3,088	2,483	1,470

<sup>1</sup> Includes systems serving over 25,000 population although Census population was less than 25,000.

<sup>2</sup> Approximately 2 to 4 percent estimated.

Source: Department of Commerce, Business and Defense Services Administration.

**NO. 210.—GROUND ELEVATION OF WEATHER STATIONS AND MEAN AND LATEST DATE IN SPRING, AND MEAN AND EARLIEST DATE IN FALL, OF OCCURRENCE OF FREEZE (32°), FOR SELECTED CITIES**

[Date of freeze based on standard 30-year period (1921 to 1950)]

STATION		Ground elevation (feet)	OCCURENCE OF FREEZE			
			Spring date		Fall date	
			Mean	Latest	Mean	Earliest
Alabama.....	Mobile.....	10	Feb. 20	Mar. 20	Dec. 5	Nov. 15
Arizona.....	Phoenix.....	1,083	Jan. 30	Mar. 2	Dec. 5	Nov. 4
Arkansas.....	Little Rock.....	257	Mar. 16	Apr. 13	Nov. 15	Oct. 23
California.....	Los Angeles.....	312	Jan. 17	Jan. 21	-----	None
	Sacramento.....	25	Jan. 28	Mar. 14	Dec. 5	Nov. 4
	San Francisco.....	52	Jan. 17	Jan. 21	Dec. 12	Dec. 11
Colorado.....	Denver.....	5,221	May 2	May 28	Oct. 14	Sept. 18
Connecticut.....	Hartford.....	169	Apr. 22	May 10	Oct. 19	Sept. 27
Delaware.....	Wilmington.....	73	Apr. 18	May 9	Oct. 26	Sept. 27
Dist. of Col.....	Washington.....	72	Apr. 10	May 12	Oct. 28	Oct. 2
Florida.....	Jacksonville.....	18	Feb. 15	May 14	Nov. 30	Nov. 9
	Miami.....	8	-----	-----	-----	-----
Georgia.....	Atlanta.....	1,054	Mar. 20	Apr. 15	Nov. 19	Oct. 24
Idaho.....	Boise.....	2,842	Apr. 29	May 23	Oct. 16	Sept. 20
Illinois.....	Chicago.....	610	Apr. 19	May 13	Oct. 28	Sept. 25
	Peoria.....	654	Apr. 22	May 25	Oct. 16	Sept. 29
Indiana.....	Indianapolis.....	718	Apr. 17	May 11	Oct. 27	Oct. 1
Iowa.....	Des Moines.....	807	Apr. 20	May 11	Oct. 19	Sept. 28
Kansas.....	Wichita.....	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27
Kentucky.....	Louisville.....	457	Apr. 1	Apr. 19	Nov. 7	Oct. 15
Louisiana.....	New Orleans.....	9	Feb. 15	Mar. 20	Dec. 3	Nov. 13
Maine.....	Portland.....	61	Apr. 29	May 30	Oct. 15	Sept. 17
Maryland.....	Baltimore.....	146	Mar. 28	Apr. 16	Nov. 17	Oct. 20
Massachusetts.....	Boston.....	15	Apr. 16	May 19	Oct. 25	Sept. 26
Michigan.....	Detroit.....	619	Apr. 25	May 12	Oct. 23	Sept. 29
	Sault Ste. Marie.....	721	May 18	June 8	Oct. 3	Aug. 22
Minnesota.....	Duluth.....	1,162	May 13	June 1	Oct. 3	Sept. 13
	Minneapolis.....	830	Apr. 30	May 24	Oct. 13	Sept. 18
Mississippi.....	Jackson.....	305	Mar. 10	Apr. 13	Nov. 13	Oct. 17
Missouri.....	Kansas City.....	741	Apr. 5	Apr. 17	Oct. 31	Oct. 6
	St. Louis.....	465	Apr. 2	May 2	Nov. 8	Oct. 14
Montana.....	Butte.....	5,530	June 8	June 30	Aug. 28	July 1
Nebraska.....	Omaha.....	978	Apr. 14	-----	Oct. 19	-----
Nevada.....	Reno.....	4,397	May 14	June 25	Oct. 2	Aug. 30
New Hampshire.....	Concord.....	339	May 11	May 26	Sept. 30	Sept. 13
New Jersey.....	Atlantic City.....	8	Apr. 10	-----	Nov. 5	-----
New Mexico.....	Albuquerque.....	5,310	Apr. 16	May 18	Oct. 29	Oct. 11
New York.....	Albany.....	19	Apr. 27	May 20	Oct. 13	Sept. 23
	Buffalo.....	693	Apr. 30	May 24	Oct. 25	Sept. 23
	New York.....	10	Apr. 7	Apr. 24	Nov. 12	Oct. 19
North Carolina.....	Charlotte.....	727	Mar. 21	Apr. 16	Nov. 15	Oct. 15
	Raleigh.....	400	Mar. 24	Apr. 20	Nov. 16	Oct. 29
North Dakota.....	Bismarck.....	1,650	May 11	May 30	Sept. 24	Sept. 6
Ohio.....	Cincinnati.....	761	Apr. 15	May 25	Oct. 25	Sept. 28
	Cleveland.....	787	Apr. 21	May 14	Nov. 2	Sept. 29
	Columbus.....	815	Apr. 17	May 9	Oct. 30	Oct. 7
Oklahoma.....	Oklahoma City.....	1,254	Mar. 28	Apr. 17	Nov. 7	Oct. 23
Oregon.....	Portland.....	30	Feb. 28	May 4	Nov. 26	Oct. 30
Pennsylvania.....	Philadelphia.....	26	Mar. 30	Apr. 20	Nov. 17	Oct. 19
	Pittsburgh.....	749	Apr. 16	May 4	Nov. 3	Oct. 10
Rhode Island.....	Providence.....	55	Apr. 13	Apr. 24	Oct. 27	Oct. 3
South Carolina.....	Columbia.....	217	Mar. 14	Apr. 13	Nov. 21	Nov. 1
South Dakota.....	Sioux Falls.....	1,420	May 5	May 29	Oct. 3	Sept. 12
Tennessee.....	Memphis.....	263	Mar. 20	Apr. 15	Nov. 12	Oct. 17
	Nashville.....	577	Mar. 28	Apr. 19	Nov. 7	Oct. 17
Texas.....	Dallas.....	487	-----	-----	-----	-----
	El Paso.....	3,920	-----	-----	-----	-----
	Houston.....	41	Feb. 5	Mar. 26	Dec. 11	Oct. 25
Utah.....	Salt Lake City.....	4,260	Apr. 12	Apr. 30	Nov. 1	Oct. 11
Vermont.....	Burlington.....	331	May 8	May 23	Oct. 3	Sept. 13
Virginia.....	Norfolk.....	26	Mar. 18	Apr. 14	Nov. 27	Nov. 7
	Richmond.....	162	Apr. 2	Apr. 20	Nov. 8	Oct. 21
Washington.....	Seattle.....	14	Feb. 23	Apr. 3	Nov. 26	Oct. 19
	Spokane.....	2,357	Apr. 20	May 16	Oct. 12	Sept. 13
West Virginia.....	Charleston.....	950	Apr. 18	May 11	Oct. 28	Sept. 29
Wisconsin.....	Milwaukee.....	672	Apr. 20	May 9	Oct. 25	Sept. 24
Wyoming.....	Cheyenne.....	6,131	May 20	June 18	Sept. 27	Sept. 5
Alaska.....	Juneau.....	15	Apr. 27	June 8	Oct. 19	Sept. 22
Hawaii.....	Honolulu.....	12	-----	-----	-----	-----
Puerto Rico.....	San Juan.....	47	-----	-----	-----	-----

Source: Department of Commerce, Weather Bureau; records.



## No. 211.—NORMAL MONTHLY AVERAGE TEMPERATURE, FOR SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	53.1	55.5	60.1	67.4	74.3	80.5	81.9	82.0	78.7	69.9	59.4	54.1	68.1
Ariz. Phoenix	51.3	55.7	60.9	68.2	76.6	85.0	90.9	88.9	83.6	72.1	60.1	53.4	70.5
Ark. Little Rock	41.8	45.6	52.8	60.5	69.8	78.5	81.3	74.8	64.1	51.5	43.9	36.4	62.4
Calif. Los Angeles	55.0	56.4	58.9	61.5	64.8	67.8	72.5	72.9	71.0	66.6	62.1	57.3	63.9
Calif. Sacramento	45.2	50.6	54.9	59.2	65.0	71.2	75.3	74.0	71.3	63.8	54.3	46.7	60.9
Calif. San Francisco	50.1	53.0	54.9	55.7	57.1	59.1	58.9	59.3	61.6	61.0	57.2	51.9	56.7
Colo. Denver	31.4	34.5	39.3	46.6	57.3	67.3	73.7	72.4	63.7	53.0	41.3	34.1	51.4
Conn. Hartford	27.0	27.5	36.9	47.4	58.9	67.7	72.7	70.4	63.1	52.6	41.7	30.1	49.7
Del. Wilmington	33.3	33.7	42.5	51.8	62.8	71.8	75.9	73.8	68.0	56.2	45.5	35.1	54.2
D. C. Washington	36.5	37.5	45.7	54.7	65.2	73.9	77.8	75.8	69.9	58.4	48.0	38.2	56.8
Fla. Jacksonville	57.3	58.7	63.4	69.1	75.2	80.2	81.7	81.5	79.1	71.3	62.7	57.7	69.8
Fla. Miami	68.5	68.7	70.8	74.1	77.1	80.3	81.6	82.1	80.1	77.6	72.3	69.5	75.3
Ga. Atlanta	44.6	46.6	53.1	61.5	69.5	76.9	78.7	78.1	73.9	63.5	52.1	45.3	62.0
Idaho. Boise	27.3	34.0	41.8	49.9	58.1	65.1	74.8	72.5	62.4	52.6	39.6	31.0	50.8
Ill. Chicago	24.9	27.4	37.0	48.1	59.2	69.4	74.6	72.7	65.6	54.1	39.5	28.0	50.1
Ill. Peoria	25.0	28.3	38.3	50.5	61.0	70.9	75.7	73.7	66.3	54.7	39.7	28.6	51.0
Ind. Indianapolis	31.1	33.1	41.9	52.7	63.5	73.5	78.0	75.9	69.2	58.2	43.6	33.2	54.5
Iowa. Des Moines	22.8	26.7	37.6	51.0	62.0	71.5	77.1	74.5	66.5	55.0	39.1	27.0	50.9
Kans. Wichita	32.0	37.2	45.3	56.2	64.9	75.3	80.9	79.9	71.7	60.2	45.1	35.5	57.0
Ky. Louisville	35.6	37.8	46.1	56.5	65.9	74.9	78.6	76.9	71.1	59.8	46.7	37.6	57.3
La. New Orleans	55.9	58.5	63.0	69.8	76.1	81.9	83.1	83.4	80.3	72.8	62.5	57.1	70.4
Maine Portland	20.7	21.5	31.5	41.9	52.3	61.8	67.8	66.4	58.6	48.4	37.5	25.1	44.5
Md. Baltimore	36.6	37.3	45.3	54.3	65.3	74.3	78.5	76.4	70.4	59.3	48.7	38.8	57.1
Mass. Boston	29.1	29.2	37.6	47.2	57.8	67.2	72.2	71.5	64.3	55.0	44.4	32.8	50.7
Mich. Detroit	26.2	26.7	35.1	46.4	57.8	68.1	73.1	71.3	64.3	52.9	40.1	29.5	49.3
Mich. Sault Ste. Marie	13.8	13.5	23.0	36.8	48.9	58.1	63.9	62.9	55.2	44.4	31.5	19.9	39.3
Minn. Duluth	10.3	13.3	24.6	38.3	49.3	58.7	65.8	64.8	56.1	45.2	28.6	15.0	39.2
Minn. Minneapolis	14.6	18.2	30.9	46.0	58.5	68.2	74.1	71.5	62.2	50.4	33.0	19.4	45.6
Miss. Jackson	48.3	51.0	56.8	64.9	72.3	79.9	82.1	81.4	76.7	66.4	55.2	49.0	65.4
Mo. Kansas City	30.0	34.6	43.8	55.8	65.5	75.4	80.9	79.0	70.6	59.6	44.3	33.7	56.1
Mo. St. Louis	33.3	36.7	45.3	56.5	66.2	75.8	80.6	78.6	71.4	60.6	46.0	36.2	57.3
Mont. Butte	14.2	18.8	27.2	38.2	46.9	54.5	62.4	60.0	50.0	41.0	28.2	18.5	38.3
Nebr. Omaha	23.0	27.2	38.2	52.2	62.7	72.6	78.5	75.7	67.0	55.5	38.9	27.4	51.6
Nebr. Reno	31.2	36.3	40.6	47.7	55.3	61.5	69.6	67.4	60.5	50.7	40.2	33.2	49.5
N. H. Concord	20.1	21.2	31.8	43.0	54.8	64.1	69.0	66.5	58.8	48.0	36.7	24.0	44.8
N. J. Atlantic City	35.8	35.4	41.5	49.4	59.1	68.7	73.6	73.1	68.3	58.0	48.1	38.2	54.1
N. Mex. Albuquerque	33.7	39.5	46.0	55.5	65.3	74.9	79.0	76.9	69.9	58.2	44.0	36.0	56.6
N. Y. Albany	25.2	25.6	35.8	47.3	59.4	68.7	73.1	71.3	63.8	52.5	41.4	29.1	49.4
N. Y. Buffalo	25.5	24.7	33.0	43.8	55.4	65.5	70.6	68.9	62.4	51.2	39.9	29.0	47.5
N. Y. New York	32.9	32.7	40.7	49.8	60.8	69.8	74.6	73.2	67.3	57.0	46.6	35.7	53.4
N. C. Charlotte	42.3	44.4	51.0	59.7	68.3	76.6	78.6	77.3	72.6	61.5	50.4	43.0	60.5
N. C. Raleigh	42.7	44.4	51.3	59.7	68.5	76.6	78.3	78.0	73.4	62.6	52.1	44.0	61.1
N. Dak. Bismarck	9.2	12.7	26.7	43.1	54.8	64.3	72.1	69.3	58.5	45.7	28.4	15.5	41.7
Ohio. Cincinnati	33.1	34.8	43.3	53.6	63.6	72.8	76.6	74.8	68.9	57.4	44.6	35.0	54.9
Ohio. Cleveland	29.5	30.1	37.7	48.0	59.1	69.3	73.7	72.2	66.3	55.5	43.8	32.9	51.5
Ohio. Columbus	31.1	32.6	41.1	51.4	62.2	72.0	75.8	73.8	67.8	56.1	43.2	33.3	53.4
Okla. Oklahoma City	37.8	42.5	50.3	60.9	68.6	78.0	82.5	82.2	74.6	63.8	49.7	40.9	61.0
Oreg. Portland	39.5	43.8	48.4	53.6	59.1	63.8	68.5	68.4	63.9	56.1	47.2	42.4	54.6
Pa. Philadelphia	34.9	35.1	43.5	52.7	63.7	72.6	77.2	75.2	69.3	58.5	47.8	37.4	55.7
Pa. Pittsburgh	33.0	33.6	41.6	51.8	62.6	71.7	75.4	73.1	67.9	55.9	44.6	35.2	53.9
R. I. Providence	30.3	30.3	38.9	48.1	59.0	68.1	73.5	71.8	64.8	54.5	44.0	33.2	51.4
S. C. Columbia	47.0	49.4	55.9	63.8	71.8	79.2	80.8	79.7	75.9	65.5	54.9	48.1	64.4
S. Dak. Sioux Falls	14.2	19.5	32.0	46.4	58.1	69.0	74.8	72.4	62.4	50.0	32.2	19.4	45.8
Tenn. Memphis	41.9	44.5	52.4	62.2	70.5	78.7	81.3	80.3	74.8	65.0	52.1	44.4	62.4
Tenn. Nashville	39.9	42.3	49.8	59.7	68.2	76.9	80.0	78.7	73.2	61.8	49.3	41.6	60.1
Tex. Dallas	45.7	49.8	57.4	66.3	73.7	81.9	85.5	85.8	78.9	68.8	55.8	48.3	66.5
Tex. El Paso	43.4	49.1	54.5	63.1	71.6	80.2	81.3	79.8	74.9	65.2	52.0	44.8	63.3
Tex. Houston	58.5	57.7	62.6	68.5	75.9	81.8	83.8	84.2	80.0	72.6	61.9	55.8	70.0
Utah. Salt Lake City	26.5	33.4	41.1	50.1	58.9	67.1	76.6	74.4	64.2	52.9	39.3	31.5	51.3
Vt. Burlington	17.9	18.1	29.3	42.3	55.4	65.5	70.4	68.1	59.9	48.2	36.4	22.8	44.5
Va. Norfolk	43.1	43.5	50.5	57.9	67.3	76.0	78.7	77.8	73.4	63.0	52.2	44.5	60.7
Va. Richmond	39.6	40.9	48.2	56.8	65.5	74.7	77.9	76.3	71.2	60.0	49.8	40.8	58.6
Wash. Seattle	40.7	43.5	47.0	51.8	57.3	61.8	65.6	65.2	61.0	54.4	47.0	43.1	53.2
W. Va. Spokane	24.9	29.7	38.1	46.3	54.7	61.4	69.6	67.9	59.2	45.6	35.7	29.1	47.1
W. Va. Charleston	36.4	38.2	44.9	55.0	63.7	72.0	75.4	73.6	68.6	57.4	45.8	38.1	55.8
Wis. Milwaukee	23.0	25.1	34.0	44.8	54.8	65.4	72.3	70.9	63.8	52.6	38.5	26.8	47.7
Wyo. Cheyenne	25.5	27.7	31.8	41.1	50.1	60.3	68.1	66.8	57.4	46.4	35.1	28.7	44.9
Alaska. Juneau	20.5	20.9	34.4	40.4	47.8	54.5	56.0	55.9	50.8	44.0	36.2	30.6	42.5
T. H. Honolulu	72.0	72.0	72.2	73.3	75.1	76.9	77.9	78.5	78.3	77.5	75.2	73.3	75.2
P. R. San Juan	74.9	74.9	75.6	76.6	78.7	79.5	80.0	80.5	80.5	80.1	78.4	76.5	78.0

Source: Department of Commerce, Weather Bureau; records.

## No. 212.—NORMAL MONTHLY MAXIMUM TEMPERATURE, FOR SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.... Mobile.....	61.4	64.1	68.5	75.8	82.5	88.3	89.8	90.1	86.7	79.2	68.6	62.6	76.5
Ariz.... Phoenix.....	64.3	68.9	74.9	82.6	91.7	100.1	108.5	101.4	97.3	86.8	75.0	66.4	84.4
Ark.... Little Rock.....	51.1	55.4	63.4	73.4	80.5	89.1	92.7	92.4	86.4	76.5	62.4	53.5	73.1
Calif.... Los Angeles.....	64.6	65.7	68.5	70.9	74.1	77.2	83.2	83.7	81.0	76.8	73.0	67.1	73.9
Sacramento.....	52.1	58.7	64.6	70.6	78.1	86.0	92.0	90.4	86.1	78.1	64.5	53.7	72.7
San Francisco.....	55.4	58.7	61.0	62.0	63.1	65.2	64.4	64.8	68.4	68.0	63.8	57.0	62.7
Colo.... Denver.....	42.5	45.6	50.5	60.1	68.6	79.5	86.9	84.3	70.2	65.3	52.9	45.3	63.1
Conn.... Hartford.....	35.4	36.2	46.1	57.8	70.0	78.3	83.0	80.8	74.0	63.8	51.0	38.4	59.6
Del.... Wilmington.....	41.8	42.8	53.0	63.2	74.6	83.1	86.7	84.6	78.8	67.2	55.3	43.9	64.6
D. C.... Washington.....	44.0	45.6	55.0	64.9	75.5	83.7	87.1	85.0	79.1	68.2	56.5	45.6	65.9
Fla.... Jacksonville.....	65.9	67.6	72.4	77.7	83.5	88.3	89.6	89.1	86.0	78.8	71.0	66.3	78.0
Miami.....	74.4	74.9	76.7	79.5	82.8	85.4	86.8	87.2	86.0	82.0	77.7	75.4	80.7
Ga.... Atlanta.....	52.5	55.1	62.3	70.8	78.7	85.9	87.3	88.4	82.3	72.2	60.4	53.0	70.6
Idaho.... Boise.....	34.6	42.3	52.2	62.1	71.4	78.9	80.5	83.0	76.8	65.0	48.7	38.1	62.4
Ill.... Chicago.....	32.7	35.0	45.0	57.6	69.7	80.0	85.3	83.0	75.9	64.3	47.6	35.3	59.3
Peoria.....	33.3	36.6	47.6	61.1	72.0	81.9	87.0	84.8	77.5	65.8	48.4	39.4	61.0
Ind.... Indianapolis.....	38.7	40.7	50.5	62.3	73.6	83.8	85.3	85.7	79.0	67.7	51.0	39.7	63.4
Iowa.... Des Moines.....	31.4	35.5	46.5	61.0	72.1	81.0	87.6	84.4	76.9	65.7	47.9	35.1	60.4
Kans.... Wichita.....	41.3	47.8	56.4	67.0	75.3	86.0	92.3	91.7	82.8	70.8	54.1	44.6	67.6
Ky.... Louisville.....	43.2	45.8	55.2	66.1	75.4	84.1	87.9	86.2	80.7	69.6	54.6	44.9	66.2
La.... New Orleans.....	63.6	66.6	71.1	77.7	83.8	89.4	90.3	90.5	87.2	80.1	70.1	64.7	77.9
Maine.... Portland.....	30.7	31.6	41.0	51.8	62.6	72.6	78.7	77.4	69.7	59.6	47.1	34.5	54.8
Md.... Baltimore.....	43.6	44.6	53.7	63.3	74.4	83.1	86.9	84.6	78.6	67.8	56.2	45.4	65.2
Mass.... Boston.....	36.5	39.5	45.2	54.9	66.3	75.9	80.0	79.4	72.6	63.1	51.6	39.7	58.5
Mich.... Detroit.....	33.1	33.8	43.1	55.9	68.1	78.3	83.5	81.4	74.0	62.2	47.1	36.7	58.0
Sault Ste. Marie.....	21.9	22.7	31.7	45.7	59.7	69.7	75.4	73.5	64.4	52.4	37.9	26.7	48.5
Minn.... Duluth.....	18.7	22.7	31.7	46.8	59.0	68.8	75.8	74.1	64.9	53.5	35.4	22.7	47.9
Minneapolis.....	28.1	27.0	39.1	55.8	69.0	78.6	84.9	82.1	72.5	60.2	40.7	27.2	55.0
Miss.... Jackson.....	58.6	61.5	68.1	76.0	83.7	91.4	93.6	93.1	88.7	79.7	67.2	56.4	76.8
Mo.... Kansas City.....	39.0	44.3	54.1	66.0	75.3	85.2	91.2	89.3	81.1	70.2	53.9	42.3	66.0
St. Louis.....	41.0	44.8	54.2	65.6	75.0	84.6	89.6	87.5	80.4	69.6	53.9	43.5	65.8
Mont.... Butte.....	28.0	32.6	40.2	50.8	60.6	68.5	79.8	77.7	65.8	55.2	40.8	31.3	52.6
Nebr.... Omaha.....	32.4	36.8	48.1	62.9	73.3	82.9	89.3	86.3	78.1	66.8	48.5	36.2	61.8
Nev.... Reno.....	45.7	50.9	56.5	65.1	73.2	80.8	91.8	90.1	82.3	70.2	57.1	47.2	67.6
N. H.... Concord.....	31.6	32.6	42.9	55.5	68.8	77.9	82.6	80.2	72.4	61.7	47.5	34.3	57.3
N. J.... Atlantic City.....	42.4	42.1	48.3	56.1	65.4	75.0	79.3	78.8	74.1	64.8	54.7	44.9	60.5
N. Mex.... Albuquerque.....	45.6	52.3	59.6	69.4	78.9	88.9	91.6	89.2	82.2	71.2	56.7	47.4	69.4
N. Y.... Albany.....	32.9	33.7	44.2	56.7	69.6	78.7	82.6	81.0	73.4	62.0	48.6	36.1	58.3
Buffalo.....	32.4	32.2	40.9	53.1	65.8	76.0	81.1	79.3	72.6	60.4	40.7	35.3	56.3
New York.....	39.9	40.1	48.5	57.9	69.0	77.7	82.3	80.4	74.5	64.5	53.0	42.4	60.9
N. C.... Charlotte.....	52.2	54.9	62.4	71.4	79.8	87.6	88.8	87.4	83.1	73.1	61.4	53.0	71.3
Raleigh.....	51.3	53.9	61.9	71.1	79.6	87.1	88.9	87.6	83.2	73.4	62.2	52.8	71.1
N. Dak.... Bismarck.....	20.1	23.3	36.7	54.6	67.3	76.3	85.5	83.3	72.0	58.5	38.3	25.5	53.5
Ohio.... Cincinnati.....	40.9	43.0	52.7	63.9	74.2	83.2	87.2	85.4	79.7	68.2	53.0	42.4	64.5
Cleveland.....	36.0	36.8	44.8	55.8	66.9	76.9	80.9	78.9	73.7	62.7	50.2	38.4	58.5
Columbus.....	38.2	40.1	49.8	61.2	72.2	81.8	85.8	83.5	77.6	65.7	50.8	40.1	62.2
Okla.... Oklahoma City.....	47.2	52.7	61.5	71.6	78.6	88.1	93.1	92.8	85.3	74.5	60.0	50.2	71.3
Oreg.... Portland.....	44.2	49.5	55.6	62.2	68.6	73.1	79.2	78.8	73.4	63.5	52.7	46.8	62.3
Pa.... Philadelphia.....	41.5	42.2	51.7	61.6	72.8	81.3	85.3	83.0	77.2	66.6	54.7	43.7	63.5
Pittsburgh.....	40.2	41.4	50.5	61.9	73.0	81.5	85.1	82.6	77.0	65.3	52.1	41.7	62.7
R. I.... Providence.....	37.6	37.9	46.6	56.6	68.2	77.4	82.6	80.8	73.8	63.5	52.0	40.4	59.8
S. C.... Columbia.....	57.0	59.2	66.1	74.6	82.4	89.3	90.2	89.0	85.3	75.9	64.9	57.2	74.3
S. Dak.... Sioux Falls.....	24.4	30.3	42.3	58.6	70.8	80.1	87.9	85.0	75.4	62.9	42.9	29.4	57.5
Tenn.... Memphis.....	49.3	51.7	60.7	70.6	78.9	87.0	89.4	88.4	83.1	74.1	60.1	51.7	70.4
Nashville.....	48.9	51.6	60.1	70.5	79.1	87.7	90.6	89.4	84.6	73.8	59.2	50.5	70.5
Tex.... Dallas.....	55.3	59.5	68.1	76.6	83.5	91.5	95.4	96.1	89.2	79.6	66.3	57.8	76.6
El Paso.....	55.8	62.2	68.2	76.9	85.4	93.8	95.5	91.6	87.0	78.1	65.5	56.9	76.2
Houston.....	61.9	65.8	71.1	78.0	84.5	89.9	92.3	92.9	88.6	82.1	71.0	64.2	78.5
Utah.... Salt Lake City.....	36.6	42.5	52.0	62.4	72.4	82.0	91.7	89.2	79.2	66.5	50.5	40.2	63.8
Vt.... Burlington.....	27.6	28.2	38.9	52.9	67.3	77.5	82.4	79.8	71.3	58.6	44.3	31.1	55.0
Va.... Norfolk.....	50.7	51.6	60.0	67.2	76.3	85.0	87.7	85.2	80.4	70.5	60.7	51.7	68.8
Richmond.....	48.4	50.5	58.8	67.9	77.3	84.8	87.3	85.7	80.9	70.7	59.9	49.7	68.5
Wash.... Seattle.....	45.2	48.8	53.4	59.4	65.6	70.2	75.1	74.2	68.8	60.5	51.8	47.3	60.0
Spokane.....	30.2	36.4	45.9	56.0	65.5	72.1	82.4	80.6	70.9	58.3	41.5	33.8	56.1
W. Va. Charleston.....	46.3	48.7	56.6	68.2	77.0	84.5	87.5	85.5	81.4	70.6	56.6	47.5	67.5
Wis.... Milwaukee.....	30.0	32.1	40.9	52.3	63.3	74.1	80.1	78.2	71.0	59.9	45.0	33.2	55.0
Wy.... Cheyenne.....	37.1	39.8	43.7	53.5	62.8	74.0	82.6	80.9	71.7	59.8	46.9	40.2	57.8
Alaska. Juneau.....	33.5	34.1	39.1	46.3	54.8	61.9	61.9	62.2	56.3	48.4	40.2	34.4	47.8
T. H.... Honolulu.....	76.7	76.7	76.8	77.7	79.5	81.3	82.2	82.8	82.9	82.0	79.7	77.7	79.7
P. R.... San Juan.....	79.6	79.7	80.6	81.5	83.5	84.0	84.2	85.0	85.5	85.3	83.2	81.1	82.8

Source: Department of Commerce, Weather Bureau; records.

## No. 213.—NORMAL MONTHLY MINIMUM TEMPERATURE, FOR SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.... Mobile.....	44.8	46.8	51.6	58.9	66.0	72.6	74.0	73.9	70.6	60.5	50.2	45.6	59.6
Ariz.... Phoenix.....	38.2	42.5	46.9	53.8	61.4	69.8	77.5	76.3	69.9	57.4	45.1	40.4	56.6
Ark.... Little Rock.....	32.4	35.7	42.2	51.6	59.0	67.9	71.1	70.2	63.1	51.7	40.5	34.3	51.6
Calif.... Los Angeles.....	45.4	47.1	49.3	52.1	55.4	58.4	61.7	62.1	60.3	56.4	51.1	47.5	53.9
Sacramento.....	38.3	42.4	45.1	47.8	51.8	56.3	58.6	57.6	56.5	51.4	44.0	39.7	49.1
San Francisco.....	44.8	47.3	48.7	49.4	51.1	52.9	53.4	53.8	54.8	54.0	50.6	46.8	50.6
Colo.... Denver.....	20.3	23.3	28.0	37.1	45.9	55.0	61.5	60.4	51.1	40.6	29.6	22.9	39.6
Conn.... Hartford.....	18.5	18.7	27.6	37.0	47.7	57.1	62.3	60.0	52.2	41.3	32.3	21.7	39.7
Del.... Wilmington.....	24.7	24.6	32.0	40.4	51.0	60.4	65.0	62.9	57.1	45.2	35.7	26.2	43.8
D. C.... Washington.....	28.9	29.3	36.4	44.5	54.9	64.1	68.4	66.6	60.7	48.6	39.4	30.8	47.7
Fla.... Jacksonville.....	48.7	49.7	54.3	60.5	66.8	72.1	73.7	73.9	72.1	63.8	54.3	49.1	61.6
Miami.....	62.6	62.5	64.8	68.6	71.9	75.2	76.4	76.9	76.0	72.6	66.8	63.6	69.8
Ga.... Atlanta.....	36.6	38.0	43.8	52.1	60.2	67.8	70.0	69.7	65.4	54.7	43.8	37.6	53.3
Idaho.... Boise.....	19.9	25.6	31.3	37.7	44.7	51.3	59.1	56.9	48.0	40.2	30.4	23.8	39.1
Ill.... Chicago.....	17.1	19.8	29.0	38.6	48.7	58.8	63.9	62.3	55.2	43.9	31.3	20.6	40.8
Peoria.....	16.7	19.9	29.0	39.9	50.0	59.9	64.4	62.5	55.0	43.5	31.0	20.7	41.0
Ind.... Indianapolis.....	23.4	25.5	33.2	43.1	53.3	63.2	67.7	66.0	59.4	48.6	36.1	26.6	45.5
Iowa.... Des Moines.....	13.3	16.9	27.9	40.1	50.9	60.9	65.6	63.7	55.4	43.9	29.4	17.9	40.5
Kans.... Wichita.....	22.6	26.5	34.1	45.3	54.5	64.6	69.4	68.0	60.5	49.5	35.0	26.3	46.4
Ky.... Louisville.....	27.9	29.8	37.6	46.9	56.3	65.7	69.3	67.6	61.4	49.9	38.6	30.2	48.4
La.... New Orleans.....	48.3	50.4	54.8	61.8	68.4	74.4	75.8	76.2	73.4	65.4	54.9	49.5	62.8
Maine.... Portland.....	10.6	11.3	21.9	31.9	42.0	51.0	56.9	55.3	47.4	37.2	27.8	15.7	34.1
Md.... Baltimore.....	29.6	29.9	36.8	45.3	56.2	65.5	70.0	68.2	62.2	50.7	41.1	32.1	49.0
Mass.... Boston.....	21.6	21.8	30.0	39.4	49.3	58.4	64.3	63.5	55.9	46.9	37.1	25.8	42.8
Mich.... Detroit.....	19.3	19.6	27.0	36.8	47.5	57.6	62.6	61.2	54.5	43.6	33.1	23.2	40.5
Sault Ste. Marie.....	5.7	4.3	14.2	27.8	38.1	46.5	52.4	52.3	45.0	36.4	25.1	13.0	30.1
Minn.... Duluth.....	1.9	4.3	16.4	29.7	39.5	48.5	55.8	55.5	47.3	36.8	21.7	7.3	30.4
Minneapolis.....	6.1	9.4	22.7	36.2	48.0	57.8	63.3	60.8	51.8	40.6	25.2	11.5	36.1
Miss.... Jackson.....	37.9	40.4	45.5	53.7	60.8	68.3	70.5	69.7	64.7	53.1	43.1	38.6	53.9
Mo.... Kansas City.....	21.0	24.8	33.5	45.6	55.6	65.6	70.5	68.7	60.1	48.9	34.7	25.1	46.2
St. Louis.....	25.6	28.5	36.4	47.3	57.3	66.9	71.6	69.7	62.4	51.5	38.0	28.8	48.7
Mont.... Butte.....	0.4	4.9	14.1	25.5	33.1	40.4	45.0	42.2	34.2	26.7	15.5	5.0	24.0
Nebr.... Omaha.....	13.5	17.5	28.3	41.5	52.1	62.3	67.6	65.1	55.9	44.2	29.3	18.6	41.3
Nev.... Reno.....	16.6	21.6	24.6	30.3	37.3	42.1	47.3	44.7	38.7	31.2	23.3	19.1	31.4
N. H.... Concord.....	8.6	9.8	20.7	30.4	40.7	50.2	55.3	52.8	45.2	34.3	25.8	13.6	32.3
N. J.... Atlantic City.....	20.1	28.6	34.7	42.6	52.7	62.4	67.9	67.4	62.4	51.2	41.4	31.4	47.7
N. Mex.... Albuquerque.....	21.8	26.7	32.3	41.5	51.6	60.9	66.4	64.6	57.5	45.2	31.3	24.5	43.7
N. Y.... Albany.....	17.4	17.4	27.3	37.8	49.1	58.6	63.6	61.5	54.1	43.0	34.2	22.0	40.5
Buffalo.....	18.5	17.1	25.1	34.4	44.9	55.0	60.0	58.5	52.2	42.0	32.7	22.6	38.6
New York.....	25.8	25.3	32.8	41.7	52.5	61.8	66.9	66.0	60.1	49.5	39.5	28.9	45.9
N. C.... Charlotte.....	32.3	33.8	39.5	47.9	56.8	65.6	68.3	67.2	62.1	49.8	39.4	33.0	49.6
Raleigh.....	34.0	34.9	40.7	48.3	57.4	66.1	69.6	68.3	63.6	51.7	41.9	35.1	51.0
N. Dak.... Bismarck.....	1.8	2.1	16.6	31.6	42.2	52.2	58.6	55.2	44.9	32.9	18.5	5.5	29.9
Ohio.... Cincinnati.....	25.2	26.6	33.8	43.3	52.9	62.4	65.9	64.2	58.0	46.5	36.2	27.5	45.2
Cleveland.....	23.0	23.3	30.5	40.1	51.2	61.7	66.5	65.5	58.8	48.3	37.3	27.3	44.5
Columbus.....	23.9	25.0	32.4	41.6	52.2	62.1	66.8	64.1	57.9	46.5	35.6	26.5	44.5
Okla.... Oklahoma City.....	28.3	32.3	39.0	50.2	58.5	67.9	71.8	71.6	63.8	53.1	39.4	31.6	50.6
Oreg.... Portland.....	34.7	38.0	41.1	44.9	49.6	54.4	57.8	57.9	54.4	48.7	41.7	37.9	46.8
Pa.... Philadelphia.....	28.2	28.0	35.2	43.8	54.5	63.8	69.0	67.3	61.3	50.4	40.8	31.0	47.8
Pittsburgh.....	25.8	25.7	32.7	41.6	52.2	61.8	65.6	63.6	58.7	46.5	37.0	28.7	45.0
R. I.... Providence.....	23.0	22.7	31.1	39.6	49.8	58.7	64.4	62.7	55.7	45.5	36.4	25.9	43.0
S. C.... Columbia.....	38.7	39.5	45.6	53.0	61.2	69.0	71.3	70.4	66.5	55.0	44.8	38.9	54.5
S. Dak.... Sioux Falls.....	4.0	8.7	21.6	34.1	45.4	55.8	61.6	59.8	49.4	37.0	21.4	9.3	34.0
Tenn.... Memphis.....	34.5	37.3	44.1	53.8	62.1	70.4	73.2	72.2	66.4	55.9	44.0	37.1	54.3
Nashville.....	30.9	33.0	39.5	48.8	57.2	66.1	69.3	68.0	61.8	49.8	39.3	32.6	49.7
Tex.... Dallas.....	36.0	40.0	46.7	56.0	63.9	72.3	75.6	75.5	68.6	57.9	45.3	38.7	56.4
El Paso.....	30.9	36.0	40.8	49.2	57.8	66.5	69.0	68.0	62.8	52.2	38.4	32.7	50.4
Houston.....	45.7	49.5	54.0	61.0	67.3	73.6	75.2	75.4	71.4	63.1	52.8	47.4	61.4
Utah.... Salt Lake City.....	21.1	26.3	32.8	40.4	48.2	55.5	64.7	62.6	52.8	42.8	31.9	25.5	42.1
Vt.... Burlington.....	8.2	8.0	19.0	31.6	43.4	53.5	58.4	56.3	48.4	37.8	28.4	14.5	34.0
Va.... Norfolk.....	35.4	35.4	41.0	48.5	58.2	66.9	70.7	70.3	66.4	55.5	45.6	37.2	52.6
Richmond.....	30.7	31.2	37.6	45.6	55.6	64.6	68.4	66.9	61.5	49.2	39.7	31.9	48.6
Wash.... Seattle.....	36.2	38.1	40.5	44.1	48.9	53.4	56.1	56.2	53.2	48.2	42.1	38.9	46.3
Spokane.....	19.6	23.0	30.2	36.6	43.8	50.6	56.8	55.1	47.5	38.8	29.8	24.3	38.0
W. Va.... Charleston.....	26.5	27.7	33.1	41.8	50.3	59.5	63.5	61.7	55.7	44.2	35.0	28.6	44.0
Wis.... Milwaukee.....	16.0	18.0	27.0	37.2	46.2	56.6	64.4	63.6	56.5	45.3	33.2	20.3	40.3
Wyo.... Cheyenne.....	13.8	15.6	19.9	28.7	37.3	46.5	53.6	52.6	43.1	32.9	23.2	17.1	32.0
Alaska.... Juneau.....	25.5	25.7	29.6	34.5	40.7	47.1	50.1	49.5	45.3	39.5	32.1	26.8	37.2
T. H.... Honolulu.....	67.2	67.2	67.6	68.8	70.6	72.4	73.5	74.1	73.7	72.9	70.7	68.9	70.6
P. R.... San Juan.....	70.2	70.0	70.6	71.7	73.8	75.0	75.7	76.0	75.4	74.8	73.5	71.8	73.2

Source: Department of Commerce, Weather Bureau; records.

## No. 214.—HIGHEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile.	15	84	82	90	92	100	102	104	102	98	93	85	80	104
Ariz.	Phoenix.	19	85	88	92	104	113	117	116	115	118	104	91	88	118
Ark.	Little Rock.	16	83	82	86	92	96	104	107	107	106	94	86	80	107
Calif.	Los Angeles.	16	86	90	88	91	99	97	98	101	110	104	95	87	110
	Sacramento.	23	70	74	82	94	102	112	109	109	109	102	83	71	112
	San Francisco.	20	75	75	83	86	91	92	84	87	97	90	84	71	97
Colo.	Denver.	85	76	77	82	86	95	100	102	105	97	90	79	79	105
Conn.	Hartford.	82	70	72	86	91	94	100	101	101	101	91	83	67	101
Del.	Wilmington.	9	75	74	86	85	93	99	102	101	100	91	85	71	102
D. C.	Washington.	85	80	84	93	95	97	102	106	106	104	96	87	74	106
Fla.	Jacksonville.	85	85	87	91	93	99	103	105	102	100	96	87	84	105
	Miami.	46	83	85	88	91	92	94	95	94	93	91	88	85	95
Ga.	Atlanta.	78	79	78	87	93	97	102	103	102	102	95	82	75	103
Idaho.	Boise.	17	63	66	76	92	95	109	106	105	102	88	73	62	109
Ill.	Chicago.	14	67	69	82	84	94	104	103	101	101	91	81	65	104
	Peoria.	101	71	74	87	92	104	105	113	106	104	92	81	71	113
Ind.	Indianapolis.	19	71	72	81	88	93	102	104	100	100	90	81	69	104
Iowa.	Des Moines.	78	65	78	88	92	105	103	110	110	102	93	82	69	110
Kans.	Wichita.	3	67	80	89	94	99	106	113	107	103	95	80	83	113
Ky.	Louisville.	84	79	78	88	91	98	103	107	105	104	92	83	74	107
La.	New Orleans.	83	83	85	90	91	97	102	102	100	99	94	89	84	102
Maine.	Portland.	16	64	60	86	82	92	97	98	100	95	87	73	60	100
Md.	Baltimore.	85	79	83	90	94	98	105	107	105	101	97	87	75	107
Mass.	Boston.	85	72	68	80	89	97	100	104	101	102	90	83	69	104
Mich.	Detroit.	23	67	68	82	87	93	104	105	101	100	89	81	64	105
	Sault Ste. Marie.	15	43	45	75	82	85	92	92	98	93	80	66	51	98
Minn.	Duluth.	82	55	58	81	88	95	97	106	97	94	85	73	56	108
	Minneapolis.	19	58	56	78	92	95	100	104	102	98	89	75	63	104
Miss.	Jackson.	17	85	82	88	93	99	103	104	106	103	96	86	84	106
Mo.	Kansas City.	23	75	76	89	91	103	108	112	113	109	98	83	74	113
Mont.	St. Louis.	21	75	76	87	91	98	104	112	106	102	93	83	75	112
	Butte.	25	64	60	64	79	88	93	100	99	91	83	68	62	100
Nebr.	Omaha.	21	69	69	88	91	99	105	114	110	104	90	80	72	114
Nev.	Reno.	15	68	70	77	87	94	100	104	102	101	98	77	69	104
N. H.	Concord.	86	72	68	85	92	98	101	102	100	98	92	80	65	102
N. J.	Atlantic City.	83	68	77	84	90	95	99	102	104	94	91	80	68	104
N. Mex.	Albuquerque.	17	67	70	81	88	98	101	102	100	98	87	74	68	102
N. Y.	Albany.	18	64	63	85	93	92	99	100	99	100	91	82	62	100
	Buffalo.	83	72	68	81	86	94	97	96	99	98	92	76	70	99
	New York.	86	71	73	84	91	95	97	102	102	100	90	81	69	102
N. C.	Charlotte.	78	79	82	91	96	98	103	103	103	104	98	85	79	104
	Raleigh.	70	80	82	94	95	99	104	105	103	104	98	88	79	105
N. Dak.	Bismarck.	17	54	62	81	92	98	99	107	109	103	95	73	60	109
Ohio.	Cincinnati.	41	77	76	88	90	95	102	109	103	101	92	83	71	109
	Cleveland.	16	73	68	83	88	92	101	103	102	101	90	82	69	103
	Columbus.	78	74	72	85	90	96	102	106	103	100	91	80	70	106
Okla.	Oklahoma City.	17	80	81	93	95	95	105	109	107	107	96	84	86	109
Oreg.	Portland.	54	65	68	83	93	99	102	107	102	102	90	71	65	107
Pa.	Philadelphia.	15	74	74	87	92	96	100	102	101	100	96	79	72	102
	Pittsburgh.	4	60	60	72	84	87	94	99	97	97	83	72	66	99
R. I.	Providence.	52	68	69	80	91	95	101	101	102	99	90	82	68	102
S. C.	Columbia.	60	82	83	93	96	102	107	107	106	106	101	88	81	107
S. Dak.	Sioux Falls.	64	62	66	83	98	104	105	110	109	104	92	79	62	110
Tenn.	Memphis.	82	79	80	87	91	98	104	106	105	103	95	85	79	106
	Nashville.	86	78	79	89	90	96	106	107	105	105	94	85	76	107
Tex.	Dallas.	16	88	88	96	96	99	105	111	109	105	99	89	89	111
	El Paso.	17	75	80	88	95	104	106	107	103	103	93	84	75	107
	Houston.	18	82	90	96	92	95	99	105	103	99	97	89	83	105
Utah.	Salt Lake City.	28	60	63	78	85	93	103	106	103	98	87	74	66	106
Vt.	Burlington.	50	63	58	84	86	92	96	100	101	95	85	75	67	101
Va.	Norfolk.	86	80	82	92	95	98	103	104	105	100	95	87	78	105
	Richmond.	59	80	82	94	96	98	104	105	107	103	99	87	78	107
Wash.	Seattle.	23	66	70	75	87	92	100	100	96	92	78	70	65	100
	Spokane.	9	51	55	68	84	90	95	100	98	96	80	61	50	100
W. Va.	Charleston.	48	81	80	92	96	98	105	108	108	104	96	88	79	108
Wis.	Milwaukee.	16	62	60	81	82	90	99	101	100	98	86	77	63	101
Wyo.	Cheyenne.	21	63	70	73	78	89	100	100	96	92	82	73	69	100
Alaska.	Juneau.	13	48	48	51	66	82	83	84	78	72	61	56	54	84
T. H.	Honolulu.	34	83	82	83	83	84	85	87	83	85	87	85	85	88
P. R.	San Juan.	58	88	91	91	93	94	93	92	93	94	94	93	90	94

Source: Department of Commerce, Weather Bureau; records.

## No. 215.—LOWEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	15	14	11	21	36	45	60	60	61	47	34	22	18	11
Ariz.	Phoenix	19	17	22	29	32	42	50	61	60	49	36	25	22	17
Ark.	Little Rock	15	7	-5	11	34	41	52	56	57	37	31	17	9	-5
Calif.	Los Angeles	16	28	34	38	42	47	50	54	53	51	46	42	32	28
	Sacramento	23	22	26	31	34	37	44	51	50	44	34	30	23	22
	San Francisco	20	30	36	38	42	44	47	47	48	48	45	42	37	30
Colo.	Denver	85	-29	-25	-11	4	19	31	42	40	21	-2	-18	-25	-29
Conn.	Hartford	52	-16	-24	-4	11	28	40	48	38	30	18	6	-18	-24
Del.	Wilmington	9	2	2	10	23	35	45	50	48	37	26	14	6	2
D. C.	Washington	85	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15
Fla.	Jacksonville	85	15	10	25	34	46	54	64	64	49	37	22	14	10
	Miami	46	31	27	34	44	50	65	65	66	67	52	36	30	27
Ga.	Atlanta	78	-2	-9	8	25	38	39	58	55	43	28	3	1	-9
Idaho	Boise	17	-17	-10	10	21	27	34	41	41	27	20	-3	-1	-17
Ill.	Chicago	14	-15	-15	-7	19	30	35	49	46	36	20	-2	-12	-15
	Peoria	101	-27	-26	-11	14	28	35	46	41	24	7	-1	-24	-27
Ind.	Indianapolis	19	-12	-19	-6	16	29	39	44	42	28	17	-2	-15	-19
Iowa	Des Moines	78	-30	-26	-12	11	26	37	48	40	26	7	-10	-21	-30
Kans.	Wichita	3	-1	4	6	27	33	44	62	48	43	29	10	7	-1
Ky.	Louisville	84	-20	-19	3	21	33	43	49	45	33	23	-1	7	-20
La.	New Orleans	83	15	7	28	38	50	58	66	63	54	40	29	19	7
Maine.	Portland	16	-21	-30	-21	8	23	33	41	38	23	18	9	-15	-30
Md.	Baltimore	85	-6	-7	5	15	34	46	54	51	39	30	12	-3	-7
Mass.	Boston	85	-13	-18	-8	11	31	41	50	46	34	25	-2	-17	-18
Mich.	Detroit	23	-9	-16	-1	14	30	38	48	43	32	25	7	-3	-16
	Sault Ste. Marie	15	-24	-25	-24	1	23	31	36	32	25	20	-5	-20	-25
Minn.	Duluth	82	-41	-36	-26	-5	16	31	41	38	25	8	-29	-35	-41
	Minneapolis	19	-31	-28	-27	9	26	34	48	40	26	18	-9	-22	-31
Miss.	Jackson	17	-5	1	17	30	42	48	57	54	41	30	18	16	-5
Mo.	Kansas City	23	-13	-13	-3	16	32	44	54	49	34	24	5	-4	-13
	St. Louis	21	-12	-8	5	20	35	48	56	54	36	27	7	1	-12
Mont.	Butte	25	-48	-52	-36	-13	12	23	29	27	12	-19	-34	-37	-52
Nebr.	Omaha	21	-21	-19	-16	10	29	39	51	43	30	20	-3	-12	-21
Nev.	Reno	15	-16	-9	-2	13	20	25	35	32	21	13	7	-5	-16
N. H.	Concord	86	-35	-37	-16	7	21	32	38	33	20	16	-17	-24	-37
N. J.	Atlantic City	83	-4	-9	8	15	33	46	52	48	37	29	10	-7	-9
N. Mex.	Albuquerque	17	1	-5	8	19	34	45	55	53	39	26	10	7	-5
N. Y.	Albany	18	-26	-22	-21	14	27	35	44	35	24	19	-11	-19	-26
	Buffalo	83	-14	-21	-4	5	25	35	43	43	32	24	2	-9	-21
	New York	86	-6	-14	3	12	34	44	54	51	39	27	7	-13	-14
N. C.	Charlotte	78	-1	-5	14	24	37	45	55	53	38	26	14	-5	-5
	Raleigh	70	2	-2	13	23	32	44	53	49	37	25	14	0	-2
N. Dak.	Bismarck	17	-44	-34	-31	-2	19	33	39	37	16	6	-19	-36	-44
Ohio.	Cincinnati	41	-17	-9	6	18	32	40	50	43	32	20	1	-13	-17
	Cleveland	16	-9	-8	-5	19	29	38	46	44	32	25	7	-9	-9
	Columbus	78	-20	-20	-1	15	28	39	44	42	31	17	-5	-14	-20
Okla.	Oklahoma City	17	-10	-1	1	26	32	47	56	51	37	29	13	5	-10
Oreg.	Portland	54	6	7	22	30	36	41	43	44	35	29	15	3	3
Pa.	Philadelphia	15	2	3	7	24	33	44	52	51	36	28	15	1	1
	Pittsburgh	4	-3	-7	12	20	32	43	49	46	34	29	9	5	-7
R. I.	Providence	52	-9	-17	2	11	29	39	49	44	33	25	9	-12	-17
S. C.	Columbia	69	6	-2	17	28	38	47	54	54	42	23	16	8	-2
S. Dak.	Sioux Falls	64	-38	-42	-23	4	20	32	34	34	13	-5	-13	-31	-42
Tenn.	Memphis	82	-8	-11	12	27	38	50	52	48	36	25	9	2	-11
	Nashville	86	-10	-13	3	25	36	42	51	47	36	26	-1	-2	-13
Tex.	Dallas	16	2	7	11	34	39	53	61	61	36	32	17	12	2
	El Paso	17	-6	8	18	28	38	50	60	59	41	32	16	5	-6
	Houston	18	10	14	21	39	46	57	68	63	45	40	29	20	10
Utah	Salt Lake City	28	-22	-30	5	14	27	35	41	39	30	18	-14	-21	-30
Vt.	Burlington	50	-27	-28	-24	5	25	33	43	38	25	17	-3	-29	-29
Va.	Norfolk	86	5	2	14	23	38	49	57	56	40	31	17	5	2
	Richmond	59	-1	-3	12	19	31	43	52	49	40	28	14	-2	-3
Wash.	Seattle	25	11	12	22	31	35	45	48	49	42	30	13	21	11
	Spokane	9	-24	-12	3	21	24	35	40	42	30	20	-11	-9	-24
W. Va.	Charleston	48	-9	-11	2	18	31	39	46	47	33	18	6	-17	-17
Wis.	Milwaukee	16	-24	-19	-7	13	28	33	45	44	28	21	-5	-12	-24
Wyo.	Cheyenne	21	-27	-34	-21	-6	16	25	38	37	18	2	-12	-16	-34
Alaska	Juneau	13	-19	-12	-11	7	25	31	36	27	26	16	-3	-21	-21
T. H.	Honolulu	34	-57	58	58	59	64	64	68	69	69	66	62	59	57
P. R.	San Juan	58	63	62	63	65	66	66	70	68	69	68	66	62	62

Source: Department of Commerce, Weather Bureau; records.

## No. 216.—NORMAL MONTHLY AND ANNUAL PRECIPITATION, FOR SELECTED CITIES

[In inches. Based on standard 30-year period (1921 to 1950). T denotes trace]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile.....	4.83	4.26	7.12	5.05	4.73	5.86		5.35	4.94	3.07	3.73	5.25	62.23
Ariz. Phoenix.....	0.61	0.82	0.68	0.87	0.16	0.06	0.68	0.90	0.96	0.40	0.50	0.98	7.12
Ark. Little Rock.....	5.12	4.05	4.85	5.16	4.85	3.43	3.10	3.15	2.85	2.81	3.92	4.08	47.38
Calif. Los Angeles.....	2.38	3.27	2.36	1.47	0.28	0.07	T	0.02	0.27	0.50	1.03	3.11	14.54
Calif. Sacramento.....	2.86	3.31	2.23	1.43	0.57	0.14	T	T	0.08	0.92	1.59	3.19	16.32
Calif. San Francisco.....	4.03	3.91	2.73	1.49	0.59	0.15	0.01	0.01	0.13	1.07	2.27	4.07	20.51
Colo. Denver.....	0.50	0.56		1.00	2.06	1.45	1.22	1.35	0.93	1.00	0.72	0.50	13.43
Conn. Hartford.....	3.74	3.03	3.53	3.55	3.77	3.76	3.93	3.67	3.41	2.70	3.85	3.49	42.43
Del. Wilmington.....	3.56	2.98	3.01	3.64	3.51	4.02	4.49	5.28	3.80	2.99	3.33	2.99	44.50
D. C. Washington.....	3.41	2.64	3.30	3.20	3.31	3.42	4.11	4.49	4.36	2.97	2.82	2.75	41.44
Fla. Jacksonville.....	2.82	2.60	3.51	3.04	3.63	6.67	7.89	6.26	6.79	5.13	1.57	2.39	52.30
Fla. Miami.....	2.15	1.73	2.15	3.44	4.27	5.55	4.36	5.06	6.72	7.88	2.16	1.73	47.20
Ga. Atlanta.....	4.52	4.65	5.49	4.25	3.58	3.97	4.43	3.83	2.92	2.50	3.28	1.44	47.96
Idaho. Boise.....	1.33	1.35	1.34	1.10	1.09	0.84	0.18	0.21	0.46	0.94	1.35	1.29	11.48
Ill. Chicago.....	1.84	1.41	2.82	2.52	3.66	4.15	2.73	3.19	3.23	2.66	2.33	1.95	32.72
Ind. Peoria.....	1.97	1.01	2.79	3.44	3.94	3.88	3.70	2.99	3.73	2.44	2.35	2.04	35.18
Ind. Indianapolis.....	3.22	2.03	3.98	3.60	3.78	4.18	3.25	3.55	3.65	2.40	3.05	2.71	39.24
Iowa. Des Moines.....	1.05	0.98	1.74	3.52	3.63	5.05	2.96	3.83	3.66	2.25	1.66	1.15	30.89
Kans. Wichita.....	4.07	2.99	4.67	4.06	3.82	4.90	3.43	2.96	3.23	2.18	1.73	1.10	30.70
Ky. Louisville.....	4.78	4.18	6.56	5.45	5.43	5.67	7.09	6.41	5.82	2.96	4.01	4.58	63.84
La. New Orleans.....	4.43	3.83	4.03	3.75	3.26	3.32	2.83	2.59	3.08	2.96	3.79	3.79	41.78
Maine. Portland.....	3.66	2.99	3.63	3.72	4.01	3.52	3.94	4.38	3.46	3.37	2.96	2.95	42.59
Md. Baltimore.....	3.50	2.93	3.45	3.45	2.91	3.48	3.15	3.23	2.99	2.79	3.49	3.37	38.76
Mass. Boston.....	2.08	2.02	2.53	2.91	3.61	2.90	2.91	2.62	2.78	2.29	2.18	2.20	31.03
Mich. Detroit.....	2.16	1.52	1.85	2.95	2.55	3.02	2.49	2.62	3.49	1.98	3.26	3.30	30.19
Mich. Sault Ste. Marie.....	1.01	1.02	1.54	2.21	2.95	3.72	3.31	3.19	3.05	1.96	1.67	1.00	26.63
Minn. Duluth.....	0.80	0.86	1.48	1.91	3.12	4.26	2.37	2.78	2.85	1.65	1.44	0.85	24.71
Minn. Minneapolis.....	5.09	5.09	6.23	4.82	4.09	5.02	4.61	3.28	2.10	2.18	1.05	5.60	50.86
Miss. Jackson.....	1.43	1.16	2.51	3.61	4.41	5.02	3.83	3.89	3.85	2.93	2.17	1.50	35.31
Mo. Kansas City.....	2.32	1.68	3.64	4.01	4.10	3.80	2.91	3.77	3.38	2.90	2.72	2.43	37.86
Mo. St. Louis.....	0.59	0.53	0.78	1.04	1.80	2.28	1.24	1.12	1.20	0.79	0.69	0.61	12.67
Mont. Butte.....	0.85	0.87	1.32	2.15	2.75	4.51	3.34	3.12	3.16	1.73	1.29	0.81	25.90
Nebr. Omaha.....	1.04	1.05	0.70	0.46	0.48	0.42	0.23	0.23	0.22	0.55	0.04	0.94	6.96
Nev. Reno.....	2.91	2.30	3.04	3.08	3.04	3.62	3.37	3.10	3.39	2.80	3.57	2.81	37.23
N. H. Concord.....	3.78	3.24	3.53	3.40	2.98	2.99	3.78	4.72	3.51	3.21	3.32	3.31	41.77
N. J. Atlantic City.....	0.28	0.33	0.44	0.77	0.87	0.72	1.43	1.38	1.05	0.64	0.42	0.59	8.68
N. Mex. Albuquerque.....	2.47	2.18	2.42	2.53	2.47	3.89	4.08	3.24	3.66	2.47	2.93	2.37	35.81
N. Y. Albany.....	2.78	2.59	2.72	2.55	2.47	3.70	2.43	2.54	3.01	2.49	3.09	2.92	32.29
N. Y. Buffalo.....	3.46	3.13	3.56	3.22	3.51	3.51	4.24	4.34	3.67	3.04	3.09	3.07	42.03
N. Y. New York.....	3.68	3.55	4.09	3.17	2.98	3.70	4.67	4.36	3.65	2.99	2.65	3.79	43.09
N. C. Charlotte.....	3.25	3.50	3.58	3.52	3.65	4.30	5.94	5.15	4.65	2.68	2.70	3.21	45.83
N. C. Raleigh.....	0.36	0.43	0.76	1.39	1.94	3.33	2.33	1.50	1.43	1.00	0.53	0.40	15.40
N. Dak. Bismarck.....													
Ohio. Cincinnati.....	3.44	2.55	4.07	3.64	3.54	4.05	3.70	3.38	2.88	2.19	3.06	2.84	39.34
Ohio. Cleveland.....	2.45	2.10	2.96	2.91	3.02	3.26	3.35	2.75	3.23	2.37	2.99	2.32	33.50
Ohio. Columbus.....	2.81	2.15	3.22	3.19	3.23	3.66	3.53	3.01	2.58	2.00	2.54	2.44	34.36
Okla. Oklahoma City.....	1.68	1.28	2.15	3.00	4.62	4.42	2.42	2.60	3.46	2.92	2.00	1.54	32.50
Oreg. Portland.....	5.43	4.87	4.15	2.48	1.87	1.62	0.42	0.61	1.83	3.53	6.05	7.10	39.91
Pa. Philadelphia.....	3.39	3.03	3.37	3.38	3.58	3.97	4.21	4.62	3.43	2.61	3.08	2.77	41.44
Pa. Pittsburgh.....	2.83	2.35	3.41	3.08	3.49	3.83	3.72	3.08	2.77	2.49	2.61	2.57	36.23
R. I. Providence.....	2.75	2.84	3.58	3.37	3.02	3.17	3.06	3.63	3.19	2.83	3.74	3.45	39.63
S. C. Columbia.....	3.84	3.35	3.44	3.50	3.30	3.58	5.74	4.93	3.64	2.08	3.20	3.20	41.58
S. Dak. Sioux Falls.....	0.72	0.74	1.35	2.35	3.38	4.25	3.00	3.28	2.93	1.46	1.11	0.67	25.24
Tenn. Memphis.....	5.38	4.22	5.20	4.70	3.65	3.25	3.10	2.53	2.50	3.18	4.31	4.79	46.81
Tenn. Nashville.....	4.93	4.16	5.28	3.69	3.78	3.19	3.96	3.81	2.74	2.52	4.41	4.06	45.03
Tex. Dallas.....	2.47	2.62	2.81	3.87	4.97	3.45	1.97	1.83	2.71	2.67	2.43	2.62	34.42
Tex. El Paso.....	0.42	0.36	0.28	0.27	0.41	0.62	1.32	1.32	1.13	0.83	0.38	0.49	7.83
Utah. Houston.....	3.98	2.81	3.10	3.40	4.84	4.05	4.46	3.09	3.65	3.39	3.95	4.63	45.87
Utah. Salt Lake City.....	1.20	1.23	1.66	1.76	1.56	0.91	0.61	0.97	0.74	1.34	1.42	1.34	14.74
Vt. Burlington.....	1.89	1.53	2.19	2.63	2.89	3.57	3.75	3.01	3.14	2.89	2.85	1.88	32.22
Va. Norfolk.....	3.17	3.06	3.27	3.16	3.45	4.16	6.05	5.08	3.86	2.45	2.67	2.88	43.26
Va. Richmond.....	3.63	2.73	3.43	3.27	3.69	3.78	5.38	4.95	3.36	2.62	2.41	2.02	42.17
Wash. Seattle.....	4.49	3.74	3.06	1.94	1.61	1.25	0.52	0.87	1.56	3.08	4.46	5.34	31.92
Wash. Spokane.....	1.72	1.46	1.34	0.99	1.04	1.17	0.36	0.49	0.93	1.33	1.88	2.21	14.92
W. Va. Charleston.....	3.99	3.50	4.16	3.74	3.78	3.93	5.45	4.55	2.94	2.81	3.17	2.98	45.00
Wis. Milwaukee.....	1.75	1.42	2.37	2.61	2.92	3.25	2.37	2.90	3.36	2.07	2.28	1.67	28.87
Wyo. Cheyenne.....	0.56	0.65	1.22	2.14	2.46	2.10	1.96	1.61	1.20	1.13	0.70	0.52	16.25
Alaska. Juneau.....	8.00	5.78	6.43	5.73	5.15	4.13	6.04	7.37	10.49	13.03	10.38	7.73	90.25
T. H. Honolulu.....	4.31	2.49	2.30	2.05	1.01	0.63	0.86	1.09	1.34	2.28	2.08	3.48	23.92
P. R. San Juan.....	4.69	2.67	2.42	3.80	6.51	5.16	6.02	6.26	6.00	5.27	6.37	4.83	60.00

Source: Department of Commerce, Weather Bureau; records.

## PRECIPITATION

173

No. 217.—AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE,  
FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	15	10	11	11	8	8	12	17	13	9	5	8	11	123
Ariz.	Phoenix	17	4	4	3	2	1	1	5	5	3	2	2	4	36
Ark.	Little Rock	15	10	10	10	11	10	8	7	7	6	5	8	9	101
Calif.	Los Angeles	16	6	5	6	4	1	1	(1)	1	1	2	4	6	37
	Sacramento	23	11	10	8	6	3	1	(1)	(1)	1	4	6	10	80
	San Francisco	20	11	10	10	6	4	2	1	1	1	4	7	11	68
Colo.	Denver	22	5	6	8	9	11	9	9	8	5	5	5	4	84
Conn.	Hartford	52	12	11	12	12	12	11	10	10	9	8	10	11	128
Del.	Wilmington	9	13	9	13	12	13	9	9	9	9	9	9	10	124
D. C.	Washington	86	11	10	12	11	12	11	11	11	8	8	9	10	124
Fla.	Jacksonville	85	8	8	8	7	9	13	16	15	14	9	7	8	122
	Miami	46	8	6	6	7	11	13	15	15	18	15	9	7	130
Ga.	Atlanta	78	12	11	12	10	9	11	12	11	8	7	8	11	122
Idaho	Boise	17	12	11	9	8	8	7	2	2	3	7	10	12	91
Ill.	Chicago	14	10	10	13	13	12	10	9	8	8	7	10	10	120
	Peoria	52	9	8	10	12	12	10	8	8	9	8	8	9	111
Ind.	Indianapolis	17	12	10	13	12	13	11	8	8	7	7	10	10	121
Iowa	Des Moines	72	8	7	9	10	12	11	9	9	9	8	7	8	107
Kans.	Wichita	67	5	6	7	8	11	9	8	8	8	7	5	5	87
Ky.	Louisville	84	12	10	12	12	11	11	10	9	8	8	9	11	123
La.	New Orleans	86	10	9	9	7	8	13	15	14	10	6	7	10	118
Maine	Portland	16	12	11	12	12	14	12	9	9	8	9	11	11	130
Md.	Baltimore	80	11	10	12	11	12	11	11	11	9	8	9	10	125
Mass.	Boston	86	12	11	12	11	11	10	10	10	9	9	10	11	126
Mich.	Detroit	23	13	12	13	12	12	11	9	8	9	9	12	13	133
	Sault Ste. Marie	15	18	16	14	11	11	12	10	10	14	11	18	19	164
Minn.	Duluth	86	10	9	10	9	12	13	11	11	11	10	10	10	126
	Minneapolis	19	8	7	11	9	11	13	11	10	9	7	8	9	113
Miss.	Jackson	17	11	11	10	9	9	8	11	7	7	5	8	11	107
Mo.	Kansas City	23	7	7	9	10	12	11	8	9	7	6	6	6	98
	St. Louis	21	9	9	11	11	12	11	8	8	7	7	8	9	110
Mont.	Butte	25	9	9	10	9	11	13	10	7	7	7	7	8	107
Nebr.	Omaha	21	6	7	8	9	11	11	9	9	7	6	5	6	94
Nev.	Reno	15	6	6	6	4	4	3	2	1	2	3	4	6	47
N. H.	Concord	54	11	9	10	11	10	10	10	10	10	9	10	10	120
N. J.	Atlantic City	83	12	10	12	11	11	10	10	10	8	9	9	10	122
N. Mex.	Albuquerque	17	4	4	4	4	4	4	9	9	5	5	2	4	58
N. Y.	Albany	18	12	11	13	13	13	12	11	9	9	9	10	11	133
	Buffalo	86	19	17	16	13	13	11	10	10	11	12	15	18	165
	New York	86	12	10	12	11	11	11	11	10	9	9	9	10	125
N. C.	Charlotte	78	11	10	12	10	10	11	13	12	8	6	7	10	120
	Raleigh	70	10	10	11	10	11	11	13	11	8	7	7	10	119
N. Dak.	Bismarck	17	8	7	9	7	9	12	10	9	7	6	6	7	97
Ohio	Cincinnati	41	13	11	13	12	13	14	10	10	9	9	10	11	135
	Cleveland	15	16	15	16	15	14	11	10	9	9	10	15	16	156
	Columbus	78	14	12	14	13	12	12	11	10	9	9	11	13	140
Okla.	Oklahoma City	17	5	7	7	8	10	9	6	6	6	6	4	5	79
Oreg.	Portland	54	19	16	17	14	12	9	3	4	7	12	17	19	149
Pa.	Philadelphia	16	12	9	12	11	12	11	10	10	8	8	9	9	121
	Pittsburgh	4	16	14	16	15	12	11	10	10	7	11	12	15	149
R. I.	Providence	52	12	10	12	12	12	10	10	9	9	8	10	11	125
S. C.	Columbia	69	9	10	10	8	9	10	13	12	8	6	7	10	112
S. Dak.	Sioux Falls	11	5	6	9	8	10	11	10	9	7	6	5	6	92
Tenn.	Memphis	85	11	10	11	10	10	9	9	8	7	7	8	11	111
	Nashville	86	12	11	12	11	10	10	10	9	8	7	9	11	120
Tex.	Dallas	16	8	8	7	8	9	6	5	5	5	6	6	6	79
	El Paso	17	3	3	2	2	2	4	8	7	4	3	2	3	43
	Houston	18	10	10	9	8	8	8	10	8	8	6	8	10	103
Utah	Salt Lake City	28	10	9	9	9	8	5	5	5	5	7	7	9	88
Vt.	Burlington	50	13	12	13	13	13	12	12	11	12	11	13	13	148
Va.	Norfolk	86	11	11	12	10	11	11	13	12	8	8	8	10	125
	Richmond	59	11	10	11	10	12	11	11	11	10	8	8	10	123
Wash.	Seattle	23	18	15	15	12	11	10	5	6	7	14	17	19	149
	Spokane	9	17	12	12	7	9	8	5	4	5	9	12	17	117
W. Va.	Charleston	9	16	13	16	15	14	11	12	11	8	9	11	13	149
Wis.	Milwaukee	16	10	9	11	11	13	11	9	9	8	8	10	10	119
Wyo.	Cheyenne	21	6	6	9	10	12	12	11	10	7	5	6	5	99
Alaska	Juneau	13	19	17	18	17	17	15	18	17	20	24	20	21	223
T. H.	Honolulu	34	12	12	13	12	11	11	13	13	12	13	13	14	149
P. R.	San Juan	58	20	15	14	14	16	17	19	20	18	18	19	21	211

1 Less than 1/2 day.

Source: Department of Commerce, Weather Bureau; records.

## No. 218.—AVERAGE TOTAL SNOW, SLEET, AND HAIL, FOR SELECTED CITIES

(In inches. For period of record through 1956. T denotes trace)

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	15	0.2	T	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Ariz.	Phoenix	19	T	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
Ark.	Little Rock	15	2.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.2
Calif.	Los Angeles	18	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	Sacramento	8	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	San Francisco	20	0.0	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
Colo.	Denver	75	5.9	7.6	10.8	9.3	1.8	T	0.0	0.6	3.8	6.8	8.0	54.6	
Conn.	Hartford	52	10.5	12.1	6.9	1.3	T	0.0	0.0	0.0	0.0	1.9	7.5	40.2	
Del.	Wilmington	9	6.0	4.1	3.2	T	0.0	0.0	0.0	0.0	0.0	2.1	2.0	17.4	
D. C.	Washington	69	6.0	5.4	3.6	0.4	T	0.0	0.0	0.0	0.1	0.8	3.1	19.4	
Fla.	Jacksonville	85	T	T	T	0.0	0.0	0.0	0.0	0.0	0.0	T	T	T	T
	Miami	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ga.	Atlanta	72	0.8	0.8	0.2	T	0.0	0.0	0.0	0.0	0.0	T	0.3	0.3	2.1
Idaho	Boise	17	7.2	5.0	2.5	0.3	T	T	0.0	0.0	0.0	T	1.8	5.4	22.2
Ill.	Chicago	14	6.5	7.3	6.6	0.4	T	0.0	0.0	0.0	0.0	0.2	3.8	10.3	35.1
	Peoria	72	5.9	5.3	3.7	0.8	T	0.0	0.0	0.0	0.0	T	1.5	4.3	21.6
Ind.	Indianapolis	25	4.0	3.8	3.5	0.4	T	0.0	0.0	0.0	0.0	T	2.1	4.3	18.1
Iowa	Des Moines	65	8.9	7.0	5.7	1.0	T	0.0	0.0	0.0	0.0	T	2.2	7.1	32.2
Kans.	Wichita	67	3.2	3.5	2.3	0.4	0.0	0.0	0.0	0.0	T	0.3	0.9	2.7	13.6
Ky.	Louisville	72	4.1	3.5	2.1	0.2	T	0.0	0.0	0.0	0.0	0.1	0.5	3.0	13.5
La.	New Orleans	86	0.1	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.2
Maine	Portland	16	18.7	18.4	13.0	1.9	0.4	0.0	0.0	0.0	0.0	T	3.5	12.1	68.0
Md.	Baltimore	68	6.1	6.6	4.8	0.6	T	0.0	0.0	0.0	0.0	0.1	0.6	3.9	22.7
Mass.	Boston	86	11.8	12.3	7.2	1.8	T	0.0	0.0	0.0	0.0	T	1.5	7.5	42.1
Mich.	Detroit	23	7.8	7.6	5.3	1.3	T	0.0	0.0	0.0	0.0	0.1	1.9	4.7	28.7
	Sault Ste. Marie	15	21.2	16.2	18.3	5.1	0.6	T	0.0	0.0	0.0	T	1.2	7.0	102.1
Minn.	Duluth	72	11.1	10.0	11.5	4.9	0.7	T	0.0	0.0	0.2	2.5	14.9	25.1	56.0
	Minneapolis	10	6.7	8.0	10.8	1.8	0.3	0.0	0.0	0.0	0.1	0.3	6.7	8.0	42.7
Miss.	Jackson	17	1.4	0.2	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	1.6
Mo.	Kansas City	23	4.4	3.6	3.3	0.5	T	0.0	0.0	0.0	0.0	T	1.1	4.2	17.1
	St. Louis	21	3.6	3.3	3.6	0.1	0.0	0.0	0.0	0.0	0.0	T	1.3	3.0	14.8
Mont.	Butte	25	7.3	7.0	9.2	4.4	4.4	0.4	T	T	1.1	2.7	5.8	8.0	50.3
Nebr.	Omaha	21	8.5	7.6	6.1	1.0	0.1	0.0	0.0	0.0	0.0	0.3	2.0	5.3	30.9
Nev.	Reno	15	7.1	4.5	5.4	0.7	0.2	T	0.0	0.0	0.0	0.2	1.4	4.0	23.5
N. H.	Concord	86	17.5	17.2	11.8	4.4	0.1	0.0	0.0	0.0	0.0	0.1	5.5	12.0	68.6
N. J.	Atlantic City	73	4.0	4.7	2.3	0.2	0.0	0.0	0.0	0.0	0.0	T	0.6	2.6	14.4
N. Mex.	Albuquerque	17	2.0	1.9	1.3	0.6	T	0.0	0.0	0.0	0.0	T	1.9	1.8	9.5
N. Y.	Albany	18	15.6	13.5	10.4	2.8	0.3	0.0	0.0	0.0	0.0	0.1	3.9	10.6	57.2
	Buffalo	72	18.8	16.8	10.6	3.0	0.2	0.0	0.0	0.0	T	0.4	7.6	17.8	75.2
	New York	72	1.4	9.2	5.6	1.0	0.0	0.0	0.0	0.0	0.0	T	0.9	6.0	30.1
N. C.	Charlotte	78	1.5	1.8	0.9	T	0.0	0.0	0.0	0.0	0.0	0.0	T	1.5	5.7
	Raleigh	70	2.1	2.3	1.1	0.2	T	0.0	0.0	0.0	0.0	T	0.2	1.2	7.1
N. Dak.	Bismarck	17	7.3	6.1	9.0	3.2	1.0	T	0.0	0.0	0.3	1.5	4.7	4.7	37.8
Ohio	Cincinnati	41	5.1	3.9	2.8	0.5	T	0.0	0.0	0.0	0.0	0.1	1.4	4.3	18.1
	Cleveland	15	10.4	10.2	11.1	2.4	0.0	0.0	0.0	0.0	0.0	0.5	6.7	11.3	52.6
	Columbus	72	6.7	5.2	3.1	0.8	T	0.0	0.0	0.0	0.0	0.1	1.7	4.2	21.8
Okla.	Oklahoma City	17	3.0	2.5	1.5	T	0.0	0.0	0.0	0.0	0.0	T	0.2	1.1	8.9
Oreg.	Portland	54	5.3	1.9	0.5	0.1	T	0.0	0.0	0.0	0.0	T	0.2	1.3	9.3
Pa.	Philadelphia	14	5.1	4.7	3.4	T	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8	17.0
	Pittsburgh	4	6.3	4.3	7.8	2.1	T	0.0	0.0	0.0	0.0	T	3.7	5.8	30.0
R. I.	Providence	52	9.5	9.8	5.8	0.9	T	0.0	0.0	0.0	0.0	T	1.2	5.7	32.9
S. C.	Columbia	89	6.4	1.0	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	2.0
S. Dak.	Sioux Falls	64	6.3	7.2	7.4	1.5	0.1	0.0	0.0	0.0	T	0.6	3.2	5.9	32.2
Tenn.	Memphis	72	1.9	1.5	0.5	T	0.0	0.0	0.0	0.0	0.0	T	0.1	1.2	5.2
	Nashville	72	2.7	2.4	1.4	0.1	T	0.0	0.0	0.0	0.0	T	0.4	1.4	8.4
Tex.	Dallas	16	1.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	T	0.1	1.8	
	El Paso	17	1.8	0.7	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	3.7
	Houston	18	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.3
Utah	Salt Lake City	28	13.7	9.1	8.2	2.9	0.2	T	0.0	0.0	T	0.6	6.3	10.9	51.9
Vt.	Burlington	50	14.4	15.1	12.4	4.1	0.1	0.0	0.0	0.0	T	0.3	6.0	12.6	65.0
Va.	Norfolk	65	2.5	2.6	1.6	T	0.0	0.0	0.0	0.0	0.0	T	0.1	1.8	8.6
	Richmond	59	3.5	3.2	2.1	0.3	0.0	0.0	0.0	0.0	0.0	T	0.5	2.5	12.2
Wash.	Seattle	23	5.0	1.3	0.7	T	0.0	0.0	0.0	0.0	0.0	T	0.7	0.9	8.6
	Spokane	9	24.1	11.0	5.3	0.1	T	T	0.0	0.0	0.0	0.3	5.6	17.5	64.0
W. Va.	Charleston	52	4.9	4.1	3.0	0.2	T	0.0	0.0	0.0	0.0	T	1.4	3.2	16.8
Wis.	Milwaukee	16	11.5	6.5	8.0	0.6	T	0.0	0.0	0.0	T	T	3.2	9.6	39.4
Wyo.	Cheyenne	21	6.7	6.6	12.5	10.1	4.4	0.6	0.0	0.0	0.8	3.2	7.7	5.4	58.0
Alaska	Juneau	13	18.6	17.9	16.5	4.6	0.1	0.0	0.0	0.0	T	1.4	10.0	21.8	90.9
T. H.	Honolulu	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P. R.	San Juan	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Department of Commerce, Weather Bureau; records.



## NO. 219.—AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE, FOR SELECTED CITIES

[For period of record through 1956]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala.	Mobile.	47	51	54	60	67	71	68	59	63	64	70	62	46	61
Ariz.	Phoenix.	61	76	78	82	88	93	94	83	84	89	88	84	76	85
Ark.	Little Rock.	15	42	53	55	62	64	71	69	72	70	71	58	47	61
Calif.	Los Angeles.	16	71	74	74	65	67	67	80	82	81	74	79	70	74
	Sacramento.	8	39	61	68	72	81	88	96	94	92	84	59	80	75
	San Francisco.	20	53	61	66	68	71	73	64	62	71	70	63	51	65
Colo.	Denver.	59	67	66	64	63	61	69	68	67	71	70	67	65	67
Conn.	Hartford.	45	46	55	55	54	57	60	62	60	57	55	46	46	55
Del.	Wilmington.														
D. C.	Washington.	63	46	54	56	57	61	63	64	62	62	61	53	46	58
Fla.	Jacksonville.	59	57	59	66	71	71	63	62	63	59	59	61	53	62
	Miami.	46	66	71	73	73	68	61	65	67	62	62	64	65	66
Ga.	Atlanta.	62	48	53	58	65	69	69	62	62	65	67	60	47	60
Idaho.	Boise.	17	39	49	58	66	69	74	88	86	80	65	43	35	66
Ill.	Chicago.	14	42	49	53	53	67	71	70	68	68	66	44	43	59
	Peoria.	52	47	52	56	59	64	70	70	71	68	63	51	44	62
Ind.	Indianapolis.	14	35	52	53	54	60	69	74	73	70	70	45	42	60
Iowa.	Des Moines.	57	54	50	56	58	61	65	74	68	64	62	51	48	60
Kans.	Wichita.	42	61	64	64	64	66	73	80	77	73	69	67	59	69
Ky.	Louisville.	56	41	47	52	57	64	69	73	69	68	65	51	39	59
La.	New Orleans.	66	49	50	57	63	68	65	58	59	64	69	60	46	59
Maine.	Portland.	16	55	62	59	57	50	63	68	65	63	60	50	57	60
Md.	Baltimore.	57	48	59	58	58	60	64	66	64	65	64	55	50	59
Mass.	Boston.	63	48	57	58	57	60	64	65	64	62	59	50	50	58
Mich.	Detroit.	23	31	43	51	53	59	65	71	67	61	56	34	31	54
	Sault Ste. Marie.	15	32	41	49	54	52	55	62	58	43	45	22	24	45
Minn.	Duluth.	46	46	55	60	58	57	60	68	63	53	47	36	40	55
	Minneapolis.	19	49	55	53	56	58	61	70	67	62	60	40	40	56
Miss.	Jackson.	6	6	49	54	64	67	73	63	72	69	71	61	47	62
Mo.	Kansas City.	23	51	55	59	60	62	69	78	72	71	69	58	50	63
	St. Louis.	21	46	50	58	60	65	67	73	69	72	69	56	44	61
Mont.	Butte.														
Nebr.	Omaha.	21	56	58	57	59	63	68	75	70	67	65	54	50	62
Nev.	Reno.	14	64	70	68	73	75	80	91	92	90	78	69	57	77
N. H.	Concord.	41	48	53	55	52	51	56	50	58	55	50	43	43	52
N. J.	Atlantic City.	60	51	58	58	60	62	64	67	66	65	64	58	52	61
N. Mex.	Albuquerque.	17	69	74	73	76	79	84	76	76	82	80	79	69	76
N. Y.	Albany.	18	42	51	52	55	56	64	66	62	59	56	38	37	53
	Buffalo.	46	31	41	49	51	59	67	70	66	60	50	32	26	53
	New York.	63	61	58	59	60	60	64	65	63	64	63	56	53	60
N. C.	Charlotte.	47	52	58	63	67	72	70	65	65	67	69	64	52	64
	Raleigh.	59	49	54	59	64	67	65	62	61	63	65	62	51	61
N. Dak.	Bismarck.	17	54	50	57	57	59	61	75	72	64	61	47	48	59
Ohio.	Cincinnati.	41	41	46	52	53	63	69	72	69	68	60	46	38	58
	Cleveland.	15	29	36	45	52	61	67	71	68	62	54	32	25	50
	Columbus.	62	36	44	49	54	63	68	71	68	66	60	44	34	55
Okla.	Oklahoma City.	6	57	67	69	68	67	81	78	82	85	73	72	62	72
Oreg.	Portland.	7	19	33	35	52	49	42	65	58	59	34	26	18	43
Pa.	Philadelphia.	61	45	66	57	58	61	62	64	61	62	61	53	49	57
	Pittsburgh.	4	37	41	54	49	56	63	66	54	67	58	49	33	52
R. I.	Providence.	52	49	56	58	57	59	63	63	62	60	60	51	49	58
S. C.	Columbia.	52	53	57	62	68	69	68	62	64	65	68	63	50	63
S. Dak.	Sioux Falls.														
Tenn.	Memphis.	52	44	52	58	64	69	75	73	73	70	69	58	45	64
	Nashville.	60	42	47	53	60	65	69	68	68	68	65	55	42	59
Tex.	Dallas.	16	46	51	57	60	63	76	78	79	76	67	64	53	65
	El Paso.	14	75	80	80	85	88	88	77	81	82	85	86	76	82
	Houston.	18	45	44	50	54	62	69	66	68	64	68	56	47	58
Utah.	Salt Lake City.	19	46	53	61	68	72	77	82	82	84	72	55	44	68
Vt.	Burlington.	50	34	44	48	47	53	59	62	59	51	43	25	25	48
Va.	Norfolk.	57	50	57	60	63	66	66	66	66	63	64	60	51	62
	Richmond.	53	49	55	59	62	67	66	66	63	63	64	58	50	61
Wash.	Seattle.	23	28	34	42	49	57	48	61	55	53	36	27	24	45
	Spokane.	9	26	39	51	64	62	63	80	77	73	52	29	22	57
W. Va.	Charleston.														
Wis.	Milwaukee.	16	38	42	48	53	56	61	70	69	66	60	59	41	57
Wyo.	Cheyenne.	21	61	64	62	58	58	66	69	66	71	70	63	58	64
Alaska.	Juneau.	13	28	32	37	37	34	35	28	29	24	16	22	19	30
T. H.	Honolulu.	4	66	58	64	66	68	68	72	75	76	71	66	51	68
P. R.	San Juan.	58	64	69	71	66	59	62	65	67	61	64	63	65	65

Source: Department of Commerce, Weather Bureau; records.

## No. 220.—AVERAGE HOURLY WIND SPEED, FOR SELECTED CITIES

[For period of record through 1956. True velocities in miles per hour]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	8	11.6	11.6	11.9	10.9	9.6	8.6	7.8	7.7	9.0	9.0	10.4	10.9	9.0
Ariz.	Phoenix	11	4.2	4.9	5.6	5.7	5.8	5.7	5.9	5.3	4.8	4.4	4.1	3.9	5.0
Ark.	Little Rock	15	9.1	9.4	10.2	9.7	8.3	7.7	7.2	6.8	7.1	6.9	9.2	9.4	8.4
Calif.	Los Angeles	16	6.9	7.0	7.0	6.6	6.3	5.8	5.4	5.3	5.3	5.7	6.5	6.9	6.2
	Sacramento	8	10.5	9.2	10.7	9.7	10.4	11.2	10.5	10.1	8.7	8.0	7.7	9.3	9.7
	San Francisco	20	8.8	7.4	8.5	9.6	10.4	11.1	11.3	10.6	9.2	7.6	6.3	6.6	8.8
Colo.	Denver	76	7.6	7.6	8.2	8.3	7.7	7.4	6.9	6.7	6.7	7.0	7.3	7.2	7.4
Conn.	Hartford	41	8.9	9.1	9.6	9.6	8.6	8.0	7.4	7.1	7.2	7.8	8.6	8.6	8.4
Del.	Wilmington	8	8.9	9.3	10.8	9.7	8.4	8.1	7.2	7.0	7.3	7.5	8.3	8.5	8.4
D. C.	Washington	25	7.8	8.5	8.9	8.4	7.0	6.4	5.8	5.7	5.9	6.2	7.3	7.8	7.1
Fla.	Jacksonville	85	8.8	9.3	9.6	9.5	8.9	8.5	8.3	8.0	8.5	9.0	8.7	8.7	8.8
	Miami	14	13.4	13.5	14.0	13.9	12.2	10.9	10.4	10.1	12.1	13.2	12.8	12.8	12.4
Ga.	Atlanta	76	11.5	11.9	11.8	10.8	9.3	8.2	7.8	7.4	8.3	9.5	10.6	11.1	9.9
Idaho	Boise	17	9.2	10.0	11.0	10.8	10.0	9.6	9.0	8.9	8.8	9.3	9.1	9.0	9.6
Ill.	Chicago	14	10.9	11.2	11.6	11.4	9.9	8.8	7.6	7.3	8.5	9.1	11.0	10.6	9.8
	Peoria	52	8.9	9.3	9.9	9.7	8.0	6.7	5.7	5.6	6.2	6.9	8.9	8.6	7.9
Ind.	Indianapolis	8	12.7	12.5	13.8	13.1	11.2	9.2	8.2	7.8	8.8	9.9	12.5	12.0	11.0
Iowa	Des Moines	19	10.1	10.4	11.2	11.4	9.9	9.4	8.0	8.0	8.6	9.1	10.4	9.9	9.7
Kans.	Wichita	44	12.5	13.2	14.9	14.7	13.1	13.0	11.5	11.4	12.5	12.4	12.7	12.1	12.8
Ky.	Louisville	84	9.9	10.3	10.8	10.0	8.5	7.7	7.0	6.6	7.1	7.8	9.3	8.9	8.7
La.	New Orleans	86	8.4	8.7	8.8	8.4	7.5	6.8	6.5	6.4	7.4	7.7	8.0	8.2	7.7
Maine	Portland	16	9.2	9.5	10.1	9.9	8.9	7.8	7.3	7.3	7.6	8.5	8.8	8.9	8.7
Md.	Baltimore	24	10.3	10.8	11.5	11.3	10.0	9.5	8.8	8.6	8.9	9.2	10.0	9.9	9.9
Mass.	Boston	21	13.1	13.4	13.7	13.3	11.8	11.1	10.1	10.1	10.8	11.7	12.6	13.0	12.1
Mich.	Detroit	23	11.3	11.2	11.4	11.0	9.5	8.9	8.1	7.8	8.9	9.3	11.2	11.1	10.0
	Sault Ste. Marie	15	10.3	10.4	11.2	11.3	10.4	8.9	8.4	8.3	9.3	9.2	10.5	10.5	9.9
Minn.	Duluth	7	12.3	13.1	14.1	15.2	13.6	11.6	10.5	10.3	12.2	12.8	13.6	12.3	12.6
	Minneapolis	19	10.5	10.8	11.7	12.6	11.6	11.1	9.4	9.3	10.4	11.0	11.5	10.8	10.9
Miss.	Jackson	9	9.7	9.2	9.7	9.0	7.0	6.1	6.1	5.8	6.3	6.3	7.9	8.6	7.6
Mo.	Kansas City	25	10.2	10.7	12.0	11.7	10.1	10.0	8.9	8.8	9.2	9.3	10.7	10.0	10.1
Mont.	St. Louis	43	12.6	12.8	13.7	13.3	11.9	10.8	9.5	9.4	10.5	12.2	12.9	12.3	11.8
	Butte	7	7.9	8.2	8.2	9.9	9.9	9.4	8.1	7.6	7.7	7.6	6.9	7.1	8.2
Nebr.	Omaha	21	11.5	11.8	13.3	13.7	11.8	11.3	9.5	9.6	10.2	10.4	11.7	11.2	11.3
Nev.	Reno	14	6.7	6.4	7.8	8.1	7.8	7.6	6.8	6.4	5.5	5.7	5.2	5.2	6.6
N. H.	Concord	49	6.1	6.6	6.9	6.9	6.0	5.3	4.9	4.6	4.8	5.3	5.9	6.1	5.8
N. J.	Atlantic City	35	16.2	16.4	17.0	16.7	15.6	14.0	13.3	13.2	13.9	15.0	15.6	15.5	15.2
N. Mex.	Albuquerque	17	8.3	9.0	10.4	11.2	10.7	10.0	9.3	8.2	8.6	8.3	8.0	7.6	9.1
N. Y.	Albany	18	10.0	10.7	10.8	10.5	9.1	8.1	7.3	6.7	7.4	8.0	9.4	9.2	8.9
	Buffalo	61	17.6	16.6	16.6	14.8	13.2	12.6	12.1	11.8	12.9	14.2	16.5	17.1	14.6
	New York	45	16.4	17.0	17.3	15.9	13.6	12.9	12.1	11.7	12.5	14.0	15.8	16.3	14.5
N. C.	Charlotte	73	7.3	7.7	8.1	7.8	6.6	6.2	5.9	5.8	6.1	6.4	6.8	7.0	6.8
	Raleigh	7	8.3	8.6	9.3	9.4	7.4	6.9	6.8	6.5	7.0	7.1	7.3	7.4	7.7
N. Dak.	Bismarck	17	10.2	10.4	11.6	13.0	12.7	11.9	9.9	10.0	10.6	10.3	11.0	9.6	10.9
Ohio	Cincinnati	35	8.6	8.7	9.3	8.6	7.0	6.7	5.5	5.4	5.7	6.4	8.2	8.4	7.4
	Cleveland	15	12.3	12.4	12.9	11.9	10.3	9.2	8.7	8.4	9.4	10.1	12.6	12.6	10.9
	Columbus	51	9.8	9.9	10.2	9.9	8.2	7.4	6.6	6.4	7.1	7.9	9.3	9.2	8.5
Okl.	Oklahoma City	8	15.7	15.5	17.1	16.7	14.9	14.7	12.2	11.6	12.7	13.5	14.0	14.5	14.4
Oreg.	Portland	8	9.8	8.1	7.9	6.4	6.1	6.1	6.8	6.2	5.5	5.9	7.6	7.3	7.0
Pa.	Philadelphia	83	10.9	11.3	11.8	11.3	10.0	9.3	8.7	8.4	8.8	9.7	10.4	10.5	10.1
R. I.	Providence	4	11.4	11.8	13.0	12.2	10.4	8.7	8.2	8.3	9.0	9.6	11.2	12.0	10.5
S. C.	Columbia	43	11.8	12.1	12.5	12.1	10.7	10.0	9.1	8.8	9.4	10.3	11.0	11.4	10.8
S. Dak.	Sioux Falls	8	8.0	8.5	8.9	8.5	7.6	7.1	6.9	6.6	6.9	7.1	7.3	7.5	7.6
Tenn.	Memphis	8	11.4	11.2	13.2	13.8	12.0	10.8	9.6	9.1	10.2	11.2	12.5	11.0	11.3
	Nashville	8	12.4	11.7	12.4	11.8	9.4	8.8	8.0	7.5	8.3	8.4	10.3	10.8	10.0
	Nashville	48	9.6	9.9	10.6	10.2	8.5	7.7	7.0	6.7	7.2	7.6	9.0	9.2	8.6
Tex.	Dallas	16	10.0	10.9	12.7	13.2	12.0	12.3	9.9	9.6	8.9	9.0	10.1	9.9	10.7
	El Paso	14	10.1	10.9	13.1	12.8	12.2	11.3	9.7	9.4	9.0	9.0	9.8	9.9	10.6
	Houston	18	10.8	11.3	11.8	11.9	10.7	9.7	8.4	8.4	8.8	9.4	10.4	10.2	10.2
Utah	Salt Lake City	27	7.6	8.0	9.1	9.4	9.5	9.5	9.7	9.1	8.6	7.7	7.4	8.8	
Vt.	Burlington	50	11.8	10.8	11.0	10.7	9.6	8.7	8.2	8.2	9.1	10.3	11.7	11.4	10.1
Va.	Norfolk	44	11.9	12.1	12.8	12.2	10.9	10.1	9.6	9.5	10.0	10.7	11.2	11.3	11.0
	Richmond	59	8.2	8.5	9.2	8.8	7.4	6.7	6.5	6.2	6.4	6.9	7.5	7.7	7.5
Wash.	Seattle	23	10.3	9.8	10.1	9.4	8.9	8.4	7.9	7.3	7.5	8.4	9.4	10.5	9.0
	Spokane	9	8.2	8.7	9.3	8.9	8.2	8.4	7.6	7.3	7.4	7.5	7.4	8.5	8.1
W. Va.	Charleston	7	8.3	9.0	10.3	9.1	7.3	6.3	5.9	5.4	5.8	6.3	8.2	8.5	7.6
Wis.	Milwaukee	16	13.3	13.2	14.1	13.8	12.5	10.9	9.9	9.9	11.4	12.1	13.8	13.2	12.3
Wyo.	Cheyenne	21	14.2	14.7	14.4	13.5	11.7	10.9	9.4	9.4	10.2	11.1	13.6	14.2	12.3
Alaska	Juneau	13	8.7	8.5	8.9	8.7	7.7	7.5	7.2	7.2	7.6	9.2	8.3	8.9	8.2
T. H.	Honolulu	7	9.6	10.4	11.6	11.9	12.6	13.1	13.4	13.1	11.0	10.6	10.5	10.4	11.5
P. R.	San Juan	87	12.3	11.8	12.4	12.0	11.1	11.9	13.1	11.9	9.4	8.1	9.5	11.4	11.2

Source: Department of Commerce, Weather Bureau; records.

**No. 221.—NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE, FOR  
SELECTED CITIES**

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala. Mobile.....	416	304	222	47	0	0	0	0	0	28	219.	376	1,612
Ariz. Phoenix.....	474	309	196	74	0	0	0	0	0	22	223	400	1,698
Ark. Little Rock.....	719	543	401	122	18	0	0	0	10	110	405	654	2,982
Calif. Los Angeles.....	328	244	212	129	68	19	0	0	17	41	140	253	1,451
Sacramento.....	614	403	317	196	85	5	0	0	17	75	321	567	2,600
San Francisco.....	462	336	317	279	248	180	189	177	110	128	237	406	3,069
Colo. Denver.....	1,042	854	797	492	266	60	0	5	103	385	711	958	5,673
Conn. Hartford.....	1,178	1,033	862	510	183	21	0	8	90	375	711	1,097	6,068
Del. Wilmington.....	983	876	698	396	110	6	0	0	47	282	585	927	4,910
D. C. Washington.....	884	770	666	314	80	0	0	0	32	231	510	831	4,258
Fla. Jacksonville.....	313	254	169	23	0	0	0	0	0	16	148	309	1,243
Miami.....	57	48	15	0	0	0	0	0	0	0	5	48	173
Ga. Atlanta.....	632	512	404	133	20	0	0	0	8	110	393	614	2,826
Idaho. Boise.....	1,169	868	719	453	249	92	0	0	135	389	762	1,054	5,890
Ill. Chicago.....	1,243	1,053	868	507	229	58	0	0	90	350	765	1,147	6,310
Peoria.....	1,240	1,028	828	435	192	41	0	11	86	339	759	1,128	6,087
Ind. Indianapolis.....	1,122	938	772	432	176	30	0	0	79	306	705	1,051	5,611
Iowa. Des Moines.....	1,308	1,072	849	425	183	41	0	6	89	346	777	1,178	6,274
Kans. Wichita.....	1,023	778	619	280	101	7	0	0	32	219	597	915	4,571
Ky. Louisville.....	933	778	611	285	94	5	0	0	51	232	579	871	4,439
La. New Orleans.....	341	223	163	19	0	0	0	0	0	5	141	283	1,175
Maine. Portland.....	1,373	1,218	1,039	693	394	117	15	56	199	515	825	1,237	7,681
Md. Baltimore.....	955	840	676	378	115	5	0	0	50	278	582	908	4,787
Mass. Boston.....	1,113	1,002	849	534	236	42	0	7	77	315	618	998	5,791
Mich. Detroit.....	1,203	1,072	927	558	251	60	0	8	96	381	747	1,101	6,404
Sault Ste. Marie.....	1,587	1,442	1,302	846	499	224	109	126	298	639	1,005	1,398	9,475
Minn. Duluth.....	1,696	1,448	1,252	801	487	200	66	91	277	614	1,092	1,550	9,574
Minneapolis.....	1,562	1,310	1,057	570	259	80	8	17	157	459	960	1,414	7,853
Miss. Jackson.....	535	405	299	81	0	0	0	0	0	69	310	503	2,202
Mo. Kansas City.....	1,085	851	666	292	111	8	0	0	44	240	621	970	4,888
St. Louis.....	983	792	620	270	94	7	0	0	38	202	570	893	4,469
Mont. Butte.....	1,575	1,294	1,172	804	561	325	115	174	450	744	1,104	1,442	9,760
Nebr. Omaha.....	1,302	1,058	831	389	175	32	0	5	88	331	783	1,166	6,160
Nev. Reno.....	1,048	804	756	519	318	165	27	61	165	443	744	986	6,036
N. H. Concord.....	1,392	1,226	1,029	660	316	82	11	57	192	527	849	1,271	7,612
N. J. Atlantic City.....	905	829	729	468	189	24	0	0	29	230	507	831	4,741
N. Mex. Albuquerque.....	970	714	589	289	70	0	0	0	10	218	630	899	4,389
N. Y. Albany.....	1,318	1,179	989	597	246	50	0	24	139	443	780	1,197	6,962
Buffalo.....	1,225	1,128	992	636	315	72	16	30	122	433	753	1,116	6,898
New York.....	995	904	753	456	153	18	0	0	39	263	551	908	5,050
N. C. Charlotte.....	704	577	449	172	29	0	0	0	7	147	438	682	3,205
Raleigh.....	732	613	477	202	41	0	0	0	16	149	438	701	3,369
N. Dak. Bismarck.....	1,730	1,464	1,187	657	355	116	29	37	227	598	1,008	1,535	9,033
Ohio. Cincinnati.....	989	846	682	347	132	13	0	0	56	263	612	930	4,870
Cleveland.....	1,132	1,019	874	531	223	46	0	10	75	340	699	1,057	6,006
Columbus.....	1,094	946	781	444	180	31	0	8	69	337	693	1,032	5,615
Okla. Oklahoma City.....	865	650	490	182	40	0	0	0	14	154	480	769	3,644
Oreg. Portland.....	791	594	515	347	199	70	13	14	85	280	534	701	4,143
Pa. Philadelphia.....	933	837	667	369	93	0	0	0	33	219	516	856	4,523
Pittsburgh.....	1,116	986	818	486	195	36	0	20	94	377	720	1,057	5,905
R. I. Providence.....	1,125	1,019	874	570	258	58	0	26	107	381	672	1,035	6,125
S. C. Columbia.....	566	468	340	83	0	0	0	0	0	82	338	558	2,435
S. Dak. Sioux Falls.....	1,575	1,274	1,023	558	276	80	16	21	155	472	984	1,414	7,848
Tenn. Memphis.....	725	574	427	139	24	0	0	0	17	126	432	673	3,137
Nashville.....	778	636	498	186	43	0	0	0	22	154	471	725	3,513
Tex. Dallas.....	607	432	288	75	0	0	0	0	0	53	299	518	2,272
El Paso.....	670	445	330	110	0	0	0	0	0	70	390	626	2,641
Houston.....	378	240	166	27	0	0	0	0	0	0	162	303	1,276
Utah. Salt Lake City.....	1,194	885	741	453	233	81	0	0	88	381	771	1,039	5,866
Vt. Burlington.....	1,460	1,313	1,107	681	307	72	19	47	172	521	858	1,308	7,865
Va. Norfolk.....	729	644	500	265	59	0	0	0	9	152	408	688	3,454
Richmond.....	828	708	550	271	66	0	0	0	33	210	498	791	3,955
Wash. Seattle.....	753	602	558	396	246	107	49	45	134	329	540	679	4,498
Spokane.....	1,243	988	834	561	330	146	17	28	205	508	879	1,113	6,852
W. Va. Charleston.....	887	750	632	310	110	8	0	0	60	250	576	834	4,417
Wis. Milwaukee.....	1,336	1,142	983	621	351	109	20	32	134	428	891	1,218	7,205
Wyo. Cheyenne.....	1,225	1,044	1,029	717	462	173	33	39	241	577	887	1,125	7,562
Alaska. Juneau.....	1,203	1,056	998	765	558	342	319	335	480	716	957	1,159	8,888
T. H. Honolulu.....	0	0	0	0	0	0	0	0	0	0	0	0	0
P. R. San Juan.....	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Department of Commerce, Weather Bureau; records.

[For period of record through 1956. Eastern standard time. Hours selected to give, for

STATION	Length of rec- ord (yrs.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
		7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.
Ala. Mobile.....	15	87	63	87	60	86	58	87	55	87	54	87	58
Ariz. Phoenix.....	18	75	47	70	40	62	32	54	27	43	19	40	18
Ark. Little Rock.....	15	80	67	81	61	80	57	80	54	85	57	85	56
Calif. Los Angeles.....	16	63	46	67	44	73	46	79	51	81	52	85	54
Calif. Sacramento.....	17	90	82	88	74	85	64	85	57	82	51	78	45
Calif. San Francisco.....	6	84	68	81	66	80	62	83	65	84	66	87	68
Colo. Denver.....	9	54	37	57	39	60	38	63	36	64	37	60	30
Conn. Hartford.....	44	73	62	72	59	72	56	71	52	73	52	75	56
Del. Wilmington.....	9	77	62	76	58	75	55	74	52	77	54	78	53
D. C. Washington.....	69	73	56	70	52	72	48	69	45	73	48	75	52
Fla. Jacksonville.....	20	89	56	86	52	85	49	84	47	81	46	84	54
Fla. Miami.....	17	87	59	86	55	83	55	80	55	80	57	82	62
Ga. Atlanta.....	69	80	64	79	61	77	54	75	51	75	51	77	53
Idaho. Boise.....	17	82	75	82	70	76	56	73	47	72	46	71	44
Ill. Chicago.....	14	81	70	80	67	79	61	75	53	75	54	77	54
Ill. Peoria.....	62	83	72	82	69	83	62	79	56	78	55	80	57
Ind. Indianapolis.....	17	83	72	83	68	82	61	80	56	80	56	83	57
Iowa. Des Moines.....	51	83	69	82	65	79	57	76	52	76	50	78	53
Kans. Wichita.....	67	78	63	77	57	76	53	75	51	79	55	79	53
Ky. Louisville.....	69	78	68	77	63	75	57	72	54	73	53	75	54
La. New Orleans.....	68	85	67	84	64	84	60	83	59	83	58	82	60
Maine. Portland.....	16	81	65	81	61	76	60	74	57	75	60	77	60
Md. Baltimore.....	60	72	58	70	56	69	53	65	50	67	51	70	53
Mass. Boston.....	66	72	59	69	58	69	54	68	53	69	56	71	56
Mich. Detroit.....	23	82	71	82	68	80	63	76	53	72	53	75	54
Mich. Sault Ste. Marie.....	15	79	77	85	74	84	69	79	61	79	57	85	64
Minn. Duluth.....	15	78	74	79	70	82	68	80	60	79	55	85	62
Minn. Minneapolis.....	19	82	72	82	69	81	65	76	53	77	51	80	56
Miss. Jackson.....	11	87	64	86	59	83	53	87	53	87	53	87	52
Mo. Kansas City.....	23	78	64	77	61	76	55	74	51	79	53	79	54
Mo. St. Louis.....	65	77	65	76	62	76	56	73	54	74	54	75	54
Mont. Butte.....	11	76	70	78	69	79	64	81	47	85	47	86	49
Nebr. Omaha.....	21	82	68	86	67	81	60	77	52	80	55	81	55
Nev. Reno.....	17	82	67	81	60	77	46	73	37	76	34	76	31
N. H. Concord.....	16	78	60	74	56	74	53	72	43	75	48	76	49
N. J. Atlantic City.....	69	79	68	77	68	77	66	76	65	78	69	80	71
N. Mex. Albuquerque.....	17	68	51	62	43	54	33	50	28	47	26	43	24
N. Y. Albany.....	18	75	63	75	61	76	56	73	51	74	51	75	52
N. Y. Buffalo.....	17	79	72	80	69	79	65	77	58	77	56	77	56
N. Y. New York.....	68	72	61	70	59	69	56	68	54	71	56	74	56
N. C. Charlotte.....	69	80	60	77	56	77	52	74	49	75	49	78	50
N. C. Raleigh.....	16	82	57	79	52	78	49	78	45	80	49	82	51
N. Dak. Bismarck.....	17	77	71	79	71	83	69	83	53	79	49	81	55
Ohio. Cincinnati.....	17	82	70	81	63	80	56	78	52	80	53	83	55
Ohio. Cleveland.....	15	81	72	81	68	80	62	77	55	76	54	78	54
Ohio. Columbus.....	69	83	71	76	66	79	60	75	55	76	55	74	54
Okla. Oklahoma City.....	18	79	63	79	60	76	53	78	53	84	59	85	58
Oreg. Portland.....	16	87	82	88	80	87	69	88	66	87	65	89	66
Pa. Philadelphia.....	67	74	65	72	62	72	60	70	56	71	55	73	56
Pa. Pittsburgh.....	4	79	68	76	64	77	57	76	53	74	50	79	54
R. I. Providence.....	17	73	60	73	56	72	53	71	51	74	55	76	53
S. C. Columbia.....	55	81	57	80	53	79	50	76	47	77	47	79	60
S. Dak. Sioux Falls.....	8	74	65	79	66	79	68	78	48	79	49	83	53
Tenn. Memphis.....	17	62	67	82	63	79	57	80	54	82	55	83	55
Tenn. Nashville.....	69	84	66	80	62	78	56	76	51	79	53	79	52
Tex. Dallas.....	16	81	62	80	61	77	53	82	55	85	56	82	52
Tex. El Paso.....	17	63	45	53	36	44	28	40	26	40	23	44	26
Utah. Houston.....	16	87	66	88	64	86	59	90	60	92	60	91	58
Utah. Salt Lake City.....	22	80	71	79	65	74	52	69	42	67	36	63	32
Vt. Burlington.....	15	81	69	79	66	77	62	75	56	73	54	75	55
Va. Norfolk.....	69	79	61	77	56	77	55	74	52	76	55	78	57
Va. Richmond.....	59	84	60	78	55	77	53	74	50	76	52	78	54
Wash. Seattle.....	17	86	80	87	78	86	70	86	63	86	61	86	63
W. Va. Spokane.....	9	84	79	83	75	78	64	73	60	75	49	74	48
Wis. Charleston.....	7	79	64	77	58	75	52	74	48	81	51	86	55
Wis. Milwaukee.....	16	76	70	76	68	78	65	77	58	77	60	80	61
Wyo. Cheyenne.....	21	50	48	62	48	68	48	74	46	78	47	75	42
Alaska. Juneau.....	13	79	79	80	79	82	77	85	72	89	72	87	71
T. H. Honolulu.....	10	80	80	79	79	77	76	75	71	75	69	74	68
P. R. San Juan.....	57	81	71	80	70	77	69	76	72	75	77	77	75

1 Through 1952.

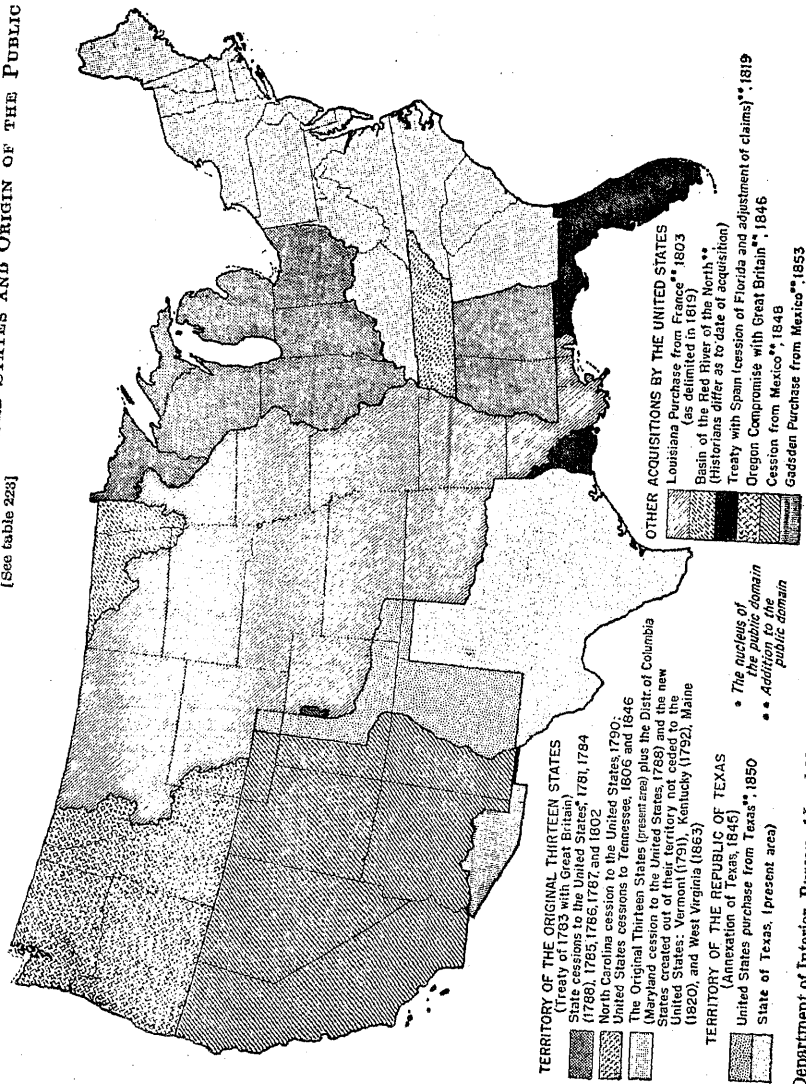
## HUMIDITY, FOR SELECTED CITIES

most of country, approximation of average highest and average lowest humidity values]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATION
7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	
a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	
90	64	91	60	90	60	87	52	84	54	87	63	88	58	Ala.... Mobile.
53	31	61	35	57	30	60	31	65	33	71	44	59	32	Ark.... Phoenix.
85	55	86	54	85	52	85	50	81	55	82	63	83	57	Calif... Little Rock.
85	50	84	49	78	47	76	47	58	38	62	43	74	47	Calif... Los Angeles.
76	46	78	49	74	46	78	54	86	68	90	81	83	60	Calif... Sacramento.
92	75	91	74	88	68	85	62	82	63	85	71	85	67	Calif... San Francisco.
55	27	61	31	60	31	57	32	57	36	55	38	59	34	Colo.... Denver.
78	55	82	55	84	57	82	54	79	59	76	60	77	56	Conn.... Hartford.
80	52	84	56	86	55	85	54	82	56	78	60	79	56	Del.... Wilmington.
78	52	80	53	81	53	81	50	76	51	74	55	75	51	D. C.... Washington.
85	57	89	59	90	62	90	56	88	54	89	58	87	54	Fla.... Jacksonville.
83	64	86	62	88	66	88	63	87	60	87	60	85	60	Fla.... Miami.
83	57	85	57	82	55	79	52	78	55	81	63	79	56	Ga.... Atlanta.
54	34	51	33	58	38	67	48	81	67	84	76	71	53	Idaho... Boise.
78	51	82	52	81	50	80	51	79	62	80	69	79	58	Ill.... Chicago.
81	53	85	55	87	55	86	55	84	64	85	72	83	60	Ill.... Peoria.
84	54	87	54	87	52	87	53	84	64	84	71	84	60	Ind.... Indianapolis.
77	49	81	53	83	53	80	52	80	62	82	69	80	57	Iowa.... Des Moines.
77	48	78	47	79	48	76	51	77	55	79	63	78	54	Kans.... Wichita.
77	52	81	54	82	52	81	53	77	59	78	64	77	57	Ky.... Louisville.
84	64	85	63	84	62	82	58	83	60	85	65	84	62	La.... New Orleans.
78	58	83	59	85	61	85	60	85	65	82	61	80	61	Maine... Portland.
71	52	74	55	75	56	74	53	72	55	71	58	71	54	Md.... Baltimore.
72	55	73	56	76	57	75	54	73	57	72	57	72	56	Mass.... Boston.
74	50	80	82	83	53	83	55	81	65	81	71	79	59	Mich.... Detroit.
87	61	91	62	92	67	89	66	87	70	86	79	85	68	Mich.... Sault Ste. Marie.
87	61	91	63	92	64	87	61	89	76	80	75	84	66	Minn.... Duluth.
82	54	85	56	85	55	80	54	82	68	83	73	81	61	Minn.... Minneapolis.
90	55	90	50	88	49	88	46	84	50	84	58	87	54	Miss.... Jackson.
76	48	78	51	79	48	77	48	75	55	78	63	77	54	Mo.... Kansas City.
73	50	77	53	79	54	76	52	75	59	77	65	76	57	Mo.... St. Louis.
82	56	79	35	82	43	82	52	80	65	79	71	81	54	Mont.... Butte.
80	51	84	55	82	50	79	49	79	57	82	65	81	57	Nebr.... Omaha.
72	25	74	26	76	31	79	42	81	54	83	67	78	43	Nev.... Reno.
80	49	85	53	88	53	86	52	84	59	79	59	79	53	N. H.... Concord.
81	72	82	71	81	70	80	64	79	65	79	67	79	68	N. J.... Atlantic City.
59	33	65	38	54	34	58	35	59	40	67	50	57	36	N. Mex. Albuquerque.
79	52	83	52	87	55	86	54	81	61	76	64	78	56	N. Y.... Albany.
78	53	82	54	82	56	82	58	80	66	79	71	79	61	N. Y.... Buffalo.
75	58	78	60	78	60	75	58	73	60	72	61	73	58	N. Y.... New York.
82	55	85	57	84	55	81	50	79	53	80	60	79	54	N. C.... Charlotte.
86	55	89	57	89	56	89	52	85	50	83	55	83	52	N. C.... Raleigh.
85	52	85	50	84	50	82	51	82	67	80	71	82	59	N. Dak. Bismarck.
84	52	87	51	87	49	87	51	81	59	82	61	83	56	Ohio.... Cincinnati.
79	52	82	53	82	52	82	55	80	64	80	70	80	59	Ohio.... Cleveland.
78	52	81	51	82	51	82	52	81	62	83	70	79	58	Ohio.... Columbus.
82	53	80	50	78	49	79	52	76	52	79	59	80	55	Okla.... Oklahoma City.
86	63	87	66	89	67	89	67	92	79	90	82	88	84	Oreg.... Portland.
75	56	77	58	79	59	77	56	76	42	74	63	74	59	Pa.... Philadelphia.
80	52	85	55	84	51	83	54	79	58	78	66	79	57	Pa.... Pittsburgh.
79	57	82	57	84	56	83	54	80	58	74	57	77	56	R. I.... Providence.
83	56	86	56	85	56	84	50	81	51	82	58	81	53	S. C.... Columbia.
84	52	85	62	79	47	75	48	74	53	77	66	79	56	S. Dak. Sioux Falls.
85	55	86	53	85	51	85	50	82	54	81	62	83	56	Tenn.... Memphis.
81	53	84	54	84	51	84	51	81	58	82	64	81	56	Tenn.... Nashville.
79	50	77	47	80	48	82	50	79	51	78	58	80	54	Tex.... Dallas.
90	37	63	39	67	37	67	36	55	35	61	42	53	34	Tex.... El Paso.
92	58	93	58	90	58	89	54	86	56	86	64	89	60	Tex.... Houston.
56	27	58	28	59	31	70	42	78	58	82	70	69	46	Utah.... Salt Lake City.
76	54	80	55	83	59	82	59	81	68	80	69	79	61	Vt.... Burlington.
81	60	83	61	82	61	81	60	80	56	79	59	79	58	Va.... Norfolk.
81	57	84	57	85	56	84	53	81	53	82	59	80	55	Va.... Richmond.
86	63	88	68	91	72	92	80	90	82	87	83	88	72	Wash... Seattle.
66	39	63	41	67	66	82	64	86	79	87	83	77	61	Wash... Spokane.
88	53	91	54	90	51	88	50	80	55	77	61	82	54	W. Va. Charleston.
81	38	84	59	83	58	82	57	80	65	77	70	79	62	Wis.... Milwaukee.
73	36	71	36	68	37	66	38	62	44	59	47	68	43	Wyo.... Cheyenne.
88	78	90	81	91	85	88	85	85	84	81	81	85	79	Alaska. Juneau.
74	69	75	70	75	70	76	72	78	74	78	76	76	73	T. H.... Honolulu.
78	67	78	75	79	74	80	74	81	73	82	79	79	73	P. R.... San Juan.

Source: Department of Commerce, Weather Bureau; records.

FIG. XIII.—ACQUISITION OF THE TERRITORY OF CONTINENTAL UNITED STATES AND ORIGIN OF THE PUBLIC DOMAIN  
[See table 223]



Source: Department of Interior, Bureau of Land Management.

## Section 7

### Public Lands; Parks; and Recreation

Statistics relating to the public domain and the national parks appear principally in two reports of the Department of the Interior: The *Annual Report of the Secretary of the Interior*, and the *Annual Report of the Director*, Bureau of Land Management. The same Department's Fish and Wildlife Service compiles data for hunting and fishing. Data on Federally owned land and real property are collected by the General Services Administration and presented in the *Inventory Report on Federal Real Property in the United States*. The Agricultural Research Service of the Department of Agriculture compiles and issues statistics on land use and land ownership. The Forest Service of the Department of Agriculture issues figures for recreational uses of the national forests.

**Public-domain and acquired lands.**—Sovereignty over its present continental land area was acquired by the United States Government through a series of international agreements and treaties. The United States, however, did not gain title to all of these lands by such agreements. At the time of acquisition of United States sovereignty over the areas involved (now 1,905 million acres) title to about 463 million acres rested in individual States and their political subdivisions or in private owners, which title was not relinquished to the Federal Government. Title to the remaining 1,442 million acres of land area passed to the United States Government. This area, with the exception of lands in the District of Columbia, is known as the original public domain.

In addition to the original public domain, the Federal Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for public purposes. Such lands are referred to as acquired lands, to distinguish them from public-domain lands.

Public-domain lands or public lands refer to those Federally owned lands to which the general body of public land laws apply. In general, these lands include that portion of the original public domain not disposed of under the public land laws, and certain other lands declared by the Congress specifically to be public lands, and exclude acquired lands, as defined above.

**Indian lands.**—Indian lands refer to public-domain lands ceded to the Government by Indian tribes on condition that proceeds from their sale or other disposition would be earmarked into the Treasury in trust for the Indians.

**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 the final certificate is issued. Applications become final entries (perfected entries) upon issuance of a final certificate which is given to the applicant after he has complied fully with the requirements of the laws relating to his application. A final certificate passes equitable title to the land to the applicant. 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.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series F 1-7") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

Note.—This section presents data for the most recent year or period available on March 3, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

# No. 223.—ACQUISITION AND EXTENT OF PUBLIC DOMAIN, CONTINENTAL UNITED STATES: 1781 TO 1957

[Areas are as computed in 1912, hence do not agree with figures (in square miles) shown in table 198, which includes later adjustments and reflects subsequent remeasurement. See also *Historical Statistics, 1789-1945*, series F 1-7]

ITEM	ACQUISITION OF THE ORIGINAL PUBLIC DOMAIN			Estimated area of the public domain (selected years) <sup>1</sup>
	Total area	Land area	Water area	
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Aggregate.....	1,462,466,560	1,442,200,320	20,266,240	-----
1957, estimate of public domain.....	-----	-----	-----	410,000,000
1956, estimate of public domain.....	-----	-----	-----	411,000,000
1950, estimate of public domain.....	-----	-----	-----	412,000,000
1946, estimate of public domain.....	-----	-----	-----	418,000,000
1912, estimate of public domain.....	-----	-----	-----	600,000,000
1880, estimate of public domain.....	-----	-----	-----	900,000,000
1853, Gadsden Purchase.....	18,988,800	18,961,920	26,880	-----
1850, estimate of public domain.....	-----	-----	-----	1,200,000,000
1850, Purchase from Texas.....	78,926,720	78,842,880	83,840	-----
1848, Mexican Cession <sup>2</sup> .....	338,680,960	334,479,360	4,201,600	-----
1846, Oregon Compromise.....	183,386,240	180,644,480	2,741,760	-----
1819, Cession from Spain.....	46,144,640	43,342,720	2,801,920	-----
Red River Basin <sup>4</sup> .....	29,601,920	29,066,880	535,040	-----
1803, Louisiana Purchase <sup>3</sup> .....	520,911,680	523,446,400	6,465,280	-----
1802, estimate of public domain.....	-----	-----	-----	200,000,000
1781-1802 (State Cessions).....	236,825,600	233,415,680	3,409,920	-----

<sup>1</sup> Estimated from imperfect data available for indicated years.

<sup>2</sup> Data for Louisiana Purchase exclude area eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.

<sup>3</sup> Includes 33,920 acres subsequently recognized as part of State of Texas which is not a public domain State.

<sup>4</sup> Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and exact date of its acquisition. Some hold it as part of Louisiana Purchase, others maintain it was acquired from Great Britain.

Source: Department of 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. 224.—OWNERSHIP OF LAND, BY CLASS: 1954

[Acreage in millions. Compiled from State and Federal reports and records. See also table 791]

CLASSES	Land area	Percent
Total.....	1,904	100.0
Private land <sup>1</sup> .....	1,345	70.6
Private land assessed as acreage for taxation.....	1,328	69.7
Urban areas assessed as lots.....	12	0.6
Areas not assessed (estimated).....	5	0.3
Indian land.....	56	3.0
Public land <sup>2</sup> .....	504	26.4
Federal land <sup>3</sup> .....	405	21.3
State land.....	81	4.2
County and municipal land (estimated).....	18	0.9

<sup>1</sup> Comprises individually owned, partnership, and corporate owned.

<sup>2</sup> Highway and road rights-of-way are partly covered in public land areas and partly in private land areas.

<sup>3</sup> *Inventory Report on Federal Real Property in the United States as of December 31, 1953*, issued as Senate Doc. No. 32, 84th Congress, 1st Session.

Source: Department of Agriculture, Agricultural Research Service.



**No. 225.—TOTAL LAND ACREAGE AND FEDERALLY OWNED LAND AND BUILDINGS,  
BY ACQUISITION AND COST, 1955 TO 1957, AND BY STATES, 1957**

[Land in thousands of acres. As of June 30]

STATE	Total acreage	Not owned by Federal Govern- ment	LAND					FEDERALLY OWNED BUILDINGS			
			Owned by Federal Government				Public domain	Acquired by other methods	Cost of land <sup>2</sup> (\$1,000)	Number	Cost (\$1,000)
			Total								
			Acres	Percent <sup>1</sup>							
1955.....	1,903,825	1,495,929	407,896	21.4	357,210	50,686	2,368,987	384,916	14,475,283		
1956.....	1,903,825	1,494,320	409,505	21.5	360,809	49,196	2,463,113	357,847	14,865,890		
<b>1957</b>											
<b>Total.....</b>	<b>1,903,825</b>	<b>1,495,272</b>	<b>408,553</b>	<b>21.5</b>	<b>358,657</b>	<b>49,896</b>	<b>2,511,875</b>	<b>336,545</b>	<b>15,491,321</b>		
Ala.....	32,690	31,615	1,075	3.3	75	1,000	43,776	7,570	289,528		
Ariz.....	72,688	40,273	32,415	44.6	32,183	232	4,785	6,390	126,195		
Ark.....	33,712	30,733	2,979	8.8	1,071	1,908	32,647	4,169	206,099		
Calif.....	100,314	54,119	46,195	46.1	44,284	1,911	304,367	45,163	1,633,425		
Colo.....	66,510	42,494	24,016	36.1	23,116	900	24,785	5,280	251,890		
Conn.....	3,135	3,130	5	0.2	-----	5	11,875	2,916	85,065		
Del.....	1,266	1,234	32	2.5	-----	32	4,672	802	45,412		
D. C.....	39	28	11	28.7	-----	11	114,148	2,286	455,862		
Fla.....	34,728	31,375	3,353	9.7	324	3,029	35,588	9,815	334,184		
Ga.....	37,429	35,431	1,998	5.3	-----	1,998	60,272	11,543	328,800		
Idaho.....	52,972	18,485	34,487	65.1	33,897	590	26,766	1,453	73,527		
Ill.....	35,798	35,886	412	1.2	1	411	63,831	7,199	581,398		
Ind.....	23,171	22,837	334	1.4	-----	334	24,541	6,570	301,718		
Iowa.....	35,869	35,747	122	0.3	-----	122	14,438	1,888	98,697		
Kans.....	52,549	52,208	341	0.6	27	314	22,233	6,835	292,982		
Ky.....	25,513	24,540	973	3.8	-----	973	67,104	6,577	388,710		
La.....	28,904	27,840	1,064	3.7	24	1,040	28,835	5,268	218,599		
Maine.....	19,866	19,741	125	0.6	-----	125	7,023	2,807	137,486		
Md.....	6,324	6,101	223	3.5	-----	223	38,549	12,950	569,180		
Mass.....	5,035	4,977	58	1.2	-----	58	48,015	6,924	372,737		
Mich.....	36,404	33,256	3,238	8.9	288	2,950	23,577	4,465	232,886		
Minn.....	51,206	47,942	3,264	6.4	1,362	1,902	14,206	1,556	90,781		
Miss.....	30,239	28,729	1,510	5.0	13	1,497	38,978	3,413	104,811		
Mo.....	44,305	42,633	1,672	3.8	3	1,669	49,778	5,565	339,142		
Mont.....	93,362	65,343	28,019	30.0	25,609	2,410	18,716	3,347	43,536		
Nebr.....	49,064	48,369	695	1.4	253	442	19,758	3,401	147,409		
Nev.....	70,265	8,621	61,644	87.7	61,105	539	6,187	5,167	92,623		
N. H.....	5,771	5,076	695	12.0	-----	695	11,789	693	33,379		
N. J.....	4,814	4,717	97	2.0	-----	97	41,526	8,739	398,492		
N. Mex.....	77,767	50,274	27,493	35.4	25,777	1,716	12,435	9,362	324,310		
N. Y.....	30,684	30,426	258	0.8	-----	258	151,043	9,843	863,661		
N. C.....	31,422	29,643	1,879	6.0	-----	1,879	58,279	11,291	271,255		
N. Dak.....	44,836	42,909	1,927	4.3	205	1,722	52,098	1,244	26,023		
Ohio.....	26,240	26,036	204	0.8	-----	204	57,059	5,446	723,142		
Okl.....	44,180	43,187	993	2.2	164	829	54,723	6,092	231,086		
Oreg.....	61,642	30,031	31,611	51.3	30,655	956	110,364	2,689	63,023		
Pa.....	28,829	28,279	550	1.9	-----	550	100,922	7,062	557,955		
R. I.....	677	669	8	1.2	-----	8	13,444	2,628	123,183		
S. C.....	19,395	18,311	1,084	5.6	-----	1,084	40,385	6,409	411,455		
S. Dak.....	48,983	45,783	3,200	6.5	1,586	1,614	22,952	2,394	121,230		
Tenn.....	26,750	25,180	1,570	5.9	-----	1,570	190,356	6,485	630,637		
Tex.....	168,648	166,018	2,630	1.6	-----	2,630	139,672	24,576	852,069		
Utah.....	52,701	16,217	36,484	69.2	36,114	370	7,163	3,629	163,878		
Vt.....	5,938	5,690	248	4.2	-----	248	4,930	410	10,888		
Wash.....	25,532	23,409	2,123	8.3	-----	2,123	108,848	18,653	782,229		
W. Va.....	42,743	30,074	12,669	29.6	11,351	1,318	133,696	20,101	799,140		
Wis.....	15,411	14,477	934	6.1	-----	934	22,767	1,200	104,209		
Wyo.....	35,011	33,229	1,782	5.1	11	1,771	17,479	3,576	127,991		
	62,404	32,550	29,854	47.8	29,159	695	10,505	2,704	29,444		

<sup>1</sup> Excludes trust properties.

<sup>2</sup> Excludes valuation for public domain lands for which there are no costs.

Source: General Services Administration; *Inventory Report on Federal Real Property in the United States as of June 30, 1955*, issued as Senate Document No. 100, 84th Congress, 2d Session; *Inventory Report on Real Property Owned by the United States Throughout the World as of June 30, 1956*, issued as Senate Document No. 25, 85th Congress, 1st Session; and *Inventory Report on Real Property Owned by the United States Throughout the World as of June 30, 1957*.

## No. 226.—FEDERALLY OWNED LAND, BY PREDOMINANT USAGE, BY AGENCY: 1957

[In thousands of acres. As of June 30]

AGENCY	Forest and wildlife	Grazing	Military, except air-fields	Parks and historic sites	Reclamation and irrigation	Flood control and navigation	Power development	Air-fields	Other
<b>Total</b> .....	171,889	181,012	18,775	15,339	7,871	4,890	2,099	2,408	4,270
Agriculture.....	147,579	19,159		20		48			711
Atomic Energy Commission.....									1,701
Defense.....			18,775	1		3,992	429	2,403	1,500
Army.....			5,984					8	1,395
Air Force.....			10,056					1,367	36
Navy.....			2,735					1,028	127
Corps of Engineers, civil functions.....				1		3,992	429		2
General Services Administration.....									15
Interior.....	24,310	161,853		15,318	7,871	45	1,644		167
Tennessee Valley Authority.....						700	26		7
Other.....						105		5	109

## No. 227.—FEDERAL REAL PROPERTY—LAND, BUILDINGS, AND COST, BY AGENCY: 1956 AND 1957

[As of June 30. Covers federally owned real property throughout world. Minus sign (—) denotes decrease]

AGENCY OR DEPARTMENT	LAND (1,000 acres)			BUILDINGS, FLOOR AREA (1,000 sq. ft.)			TOTAL COST, LAND, BUILDINGS, STRUCTURES, AND FACILITIES (\$1,000)		
	1956	1957	Net change	1956	1957	Net change	1956	1957	Net change
<b>Total</b> .....	774,587	772,025	-2,562	12,207,893	12,197,607	-10,286	40,259,265	42,946,521	2,687,256
Agriculture.....	188,384	188,291	-93	7,932	8,595	663	730,200	801,060	70,860
Atomic Energy Commission.....	1,878	1,701	-177	82,913	81,024	-1,889	3,004,407	3,110,709	106,302
Commerce.....	127	125	-2	15,022	15,478	456	330,012	501,534	171,522
Defense.....	29,252	30,832	1,580	1,637,261	1,680,968	1,3707	26,125,032	28,479,346	2,354,314
Army.....	7,508	7,599	91	1,094,709	1,701,042	1,6333	7,856,126	8,199,912	343,786
Air Force.....	13,621	14,779	1,158	1,411,231	1,428,952	1,721	6,998,223	8,387,411	1,389,188
Navy.....	3,944	4,030	86	1,550,376	1,540,001	-10,375	7,871,999	8,206,732	334,733
Corps of Engineers, civil functions.....	4,179	4,424	245	10,945	10,973	28	3,398,684	3,685,291	286,607
General Services Administration.....	41	22	-19	121,803	119,148	-2,655	1,150,802	1,123,310	-33,492
Housing and Home Finance Agency.....	13	8	-5	40,920	12,669	-28,251	313,603	116,037	-197,566
Interior.....	553,537	549,094	-3,843	46,370	41,610	-4,761	3,926,372	4,008,263	81,891
Post Office.....	2	2		47,524	47,524		474,156	476,822	2,666
Tennessee Valley Authority.....	740	733	-7	2,720	2,830	110	1,509,070	1,582,535	72,865
Treasury.....	80	92	12	14,600	14,324	-330	215,483	214,204	-1,279
Veterans Administration.....	39	36	-3	101,858	113,586	11,728	1,101,627	1,122,116	20,589
Other.....	494	489	-5	58,910	59,842	932	1,372,001	1,410,585	38,584

<sup>1</sup> Excludes floor area pertaining to Department of Defense, for military functions overseas.Source of tables 226 and 227: General Services Administration; *Inventory Report on Real Property Owned by the United States Throughout the World as of June 30, 1957.*

**No. 228.—FEDERAL REAL PROPERTY—LAND, BUILDINGS, AND COST, BY AGENCY AND LOCATION: 1957**

[As of June 30]

AGENCY OR DEPARTMENT	LAND (1,000 acres)			Number of buildings	COST (\$1,000)			
	Total	Urban	Rural		Total	Land	Buildings	Structures and facilities
<b>Total</b>	<b>772, 025</b>				<b>42,946,521</b>			
<b>Inside cont. U. S.</b>	<b>408, 553</b>	<b>1, 481</b>	<b>407, 072</b>	<b>336, 545</b>	<b>36,230,259</b>	<b>2, 511, 875</b>	<b>15, 491, 321</b>	<b>18, 227, 063</b>
Agriculture	167, 517	8	167, 509	3, 280	794, 595	125, 410	36, 270	632, 915
Atomic Energy Comm.	1, 701	136	1, 565	12, 529	3, 092, 229	73, 307	1, 886, 477	1, 132, 445
Commerce	29	3	26	1, 217	220, 200	32, 999	81, 278	105, 923
Defense	27, 159	1, 227	25, 932	263, 557	23, 111, 959	1, 433, 901	10, 435, 075	11, 242, 983
Army	7, 387	590	6, 797	128, 190	7, 112, 114	233, 832	3, 950, 712	2, 927, 570
Air Force	11, 459	304	11, 155	56, 094	5, 599, 046	106, 480	2, 920, 412	2, 572, 154
Navy	3, 890	302	3, 588	73, 567	6, 731, 793	348, 259	3, 440, 179	2, 943, 355
Corps of engineers, civil functions	4, 423	31	4, 392	5, 616	3, 669, 006	745, 330	123, 772	2, 799, 904
General Services Adm.	15	7	8	2, 443	1, 090, 606	160, 959	879, 061	50, 586
Housing and Home Finance Agency	8			5, 026	115, 160	18, 375	58, 845	37, 940
Interior	211, 208	64	211, 144	27, 723	3, 866, 050	303, 243	225, 046	3, 337, 761
Post Office	2	2		3, 083	471, 297	91, 546	379, 951	
Tenn. Valley Authority	733		733	790	1, 582, 535	186, 943	16, 120	1, 379, 472
Treasury	27	3	24	3, 900	188, 501	9, 825	103, 419	76, 257
Veterans Administration	36	17	19	8, 343	1, 121, 405	37, 742	936, 246	147, 417
Other	118	6	112	3, 694	575, 722	37, 625	453, 733	84, 304
<b>Outside cont. U. S.</b>	<b>363, 472</b>				<b>6, 716, 262</b>			
In U. S. Territories and possessions	363, 459				3, 769, 283			
Civilian agencies	359, 787			7, 591	1, 110, 348	30, 955	188, 785	890, 608
Defense—military functions:								
Army	211				563, 228			
Navy	140				1, 174, 459			
Air Force	3, 320				904, 963			
Defense—Corps of Engineers, civil functions	1			25	16, 285	100	961	15, 224
In foreign countries	13				2, 946, 979			
Civilian agencies	13			4, 410	238, 527	46, 346	149, 306	42, 875
Defense—military functions					2, 708, 452			
Army					524, 570			
Navy					300, 480			
Air Force					1, 883, 402			

Source: General Services Administration; *Inventory Report on Real Property Owned by the United States Throughout the World as of June 30, 1957.*

**No. 229.—FEDERALLY OWNED LAND OUTSIDE CONTINENTAL UNITED STATES, BY AGENCY AND PREDOMINANT USAGE: 1957**

[As of June 30]

ITEM	Acres (1,000)
<b>Total</b>	<b>363, 472</b>
<b>U. S. Territories and possessions</b>	<b>363, 459</b>
Public domain lands in Alaska	362, 671
All other	788
<b>Foreign countries</b>	<b>13</b>
<b>By agency:</b>	
Interior	338, 486
Agriculture	20, 774
Defense—military functions:	
Army	211
Navy	140
Air Force	3, 320
Defense—Corps of Engineers, civil functions	1
All other	540
<b>By predominant usage:</b>	
Forest and wildlife	302, 633
Oil and gas reserves	48, 000
Parks and historic sites	7, 110
Military functions	3, 671
Other uses	2, 058

Source: General Services Administration; *Inventory Report on Real Property Owned by the United States Throughout the World as of June 30, 1957.*

## No. 230.—DISPOSAL OF PUBLIC LANDS: 1861 to 1957

[For years ending June 30. Data include Alaska except where noted. Period figures are totals, not averages. See also *Historical Statistics, 1789-1945*, series F 8-16]

PERIOD OR YEAR	Cash receipts of Bureau of Land Management <sup>1</sup>	Land granted to States <sup>2</sup>	ALL ENTRIES, SELECTIONS, PATENTS, ETC. <sup>3</sup>			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS		
			All original entries and selections <sup>4</sup>	All final entries	Patents and certifications	Original entries		Final entries <sup>5</sup>
						Number	Acreage	
	1,000 dollars	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1861-1870.....	13,324	17,657	13,341	13,324	142,210	15,931	1,379	1,379
1871-1880.....	17,506	3,842	32,202	32,202	327,512	39,735	17,887	17,887
1881-1890.....	99,269	23,367	100,697	100,697	497,083	69,773	28,961	28,961
1891-1900.....	33,492	14,201	106,299	106,299	456,943	62,767	31,878	31,878
1901-1910.....	94,095	20,300	196,841	196,841	831,841	130,737	58,919	58,919
1911-1920.....	67,025	6	155,402	155,402	554,020	123,826	74,316	74,316
1921-1930.....	104,453	409	61,231	45,513	172,503	53,460	40,391	40,391
1931-1940.....	60,256	478	19,269	14,243	44,554	15,925	13,017	13,017
1941-1945.....	58,428	—	404	1,057	3,360	1,233	159	704
1946-1950.....	141,464	—	496	436	1,726	2,456	306	156
1951-1955.....	497,482	—	1,101	1,029	2,081	2,259	289	220
1954.....	77,487	—	306	239	416	474	60	43
1955.....	230,549	—	251	250	539	482	60	37
1956.....	212,217	—	151	267	629	455	57	40
1957.....	112,059	—	180	279	561	662	79	64

<sup>1</sup> Comprises receipts from such sources as following: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. For period prior to 1861, receipts were \$177,230,000.

<sup>2</sup> As of June 30, 1957, process of legal adjudication had not yet been completed for all grants and small changes in data for certain years may occur. For period 1862-60, total land granted to States was 96,977,000 acres. Includes grants for such public purposes as following: Educational, penal, and other public institutions and buildings; bridges, reservoirs, and other internal improvements; reclamation of swamp and arid lands; experiment stations; recreation areas; wildlife and forestry areas; military camps; and payments of bonds issued by local governments. Excludes grants to aid in construction of railroads, wagon roads, canals, and river improvements, or acreage of swamplands lost to States, for which States received indemnity in cash. Excludes data for Alaska and also 10,000 acres because of the rounding process.

<sup>3</sup> Includes homesteads. <sup>4</sup> Includes some classes of final entries and patents prior to 1911.

<sup>5</sup> Excludes commuted homesteads.

<sup>6</sup> 1863-1870 only.

<sup>7</sup> 1920 only.

Source: Department of Interior, Bureau of Land Management; annual report of the Director, and records.

## No. 231.—PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES AND FOR ALASKA: 1936 TO 1957

[For years ending June 30. See text, p. 181. See also *Historical Statistics, 1789-1945*, series F 11-13]

CLASS AND STATE	ORIGINAL ENTRIES							Final entries, 1957	Patented, 1957
	1936-1940, total	1941-1945, total	1946-1950, total	1951-1955, total	1955	1956	1957		
<b>Total.....</b>	<b>1,036,849</b>	<b>404,409</b>	<b>496,287</b>	<b>1,100,664</b>	<b>251,399</b>	<b>151,403</b>	<b>179,958</b>	<b>278,988</b>	<b>561,379</b>
Public land.....	987,684	400,239	480,487	1,092,480	251,399	151,403	179,958	277,291	561,379
Indian land.....	49,165	4,169	15,800	8,184	—	—	—	1,697	—
All homesteads.....	708,410	162,736	321,638	297,090	60,148	57,315	79,452	65,743	47,772
Stock-raising homesteads.....	472,920	25,488	3,192	2,515	642	—	—	—	122
Other entries.....	328,499	241,073	174,049	803,574	191,251	94,088	100,506	213,245	513,607
Alaska.....	59,034	60,695	171,810	178,285	33,299	38,393	45,176	18,341	21,406
Arizona.....	80,874	25,157	43,832	51,814	6,165	4,011	7,642	19,431	41,562
California.....	203,426	89,631	59,572	112,097	48,207	27,611	—	31,786	53,820
Colorado.....	107,578	10,209	45,454	93,435	4,099	9,804	4,294	24,901	34,957
Idaho.....	57,488	21,573	32,543	219,567	49,522	44,985	42,443	43,380	68,575
Montana.....	84,619	20,929	1,802	1,524	160	320	683	29,134	41,410
Nevada.....	2,831	7,851	6,900	307,921	87,667	9,179	59,229	12,166	18,465
New Mexico.....	176,942	33,435	4,733	12,350	—	—	5,101	17,790	29,515
North Dakota.....	1,860	876	—	—	—	—	—	—	672
Oregon.....	53,878	5,136	2,068	22,352	5,593	2,896	6,839	22,487	41,995
South Dakota.....	7,735	550	151	818	—	—	—	—	1,559
Utah.....	27,091	99,689	71,966	76,403	15,154	7,002	4,098	18,006	65,914
Washington.....	3,333	760	5,104	760	—	—	—	3,431	4,010
Wyoming.....	138,074	9,830	47,175	18,753	1,371	5,639	4,196	30,369	21,688
Other States.....	20,080	12,088	3,140	4,595	102	1,563	257	7,766	115,841

<sup>1</sup> Includes 150,749 acres acquired by the State of California for State park purposes under act of June 29, 1936. Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

## No. 232.—VACANT PUBLIC LANDS—ACREAGE, BY STATES: 1900 TO 1957

[As of June 30. 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 cover vacant public lands outside Alaska withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. Figures exclude vacant public lands in Alaska estimated at 270,000,000 acres on June 30, 1957. For U. S. totals, see *Historical Statistics, 1789-1945*, series F 8]

STATE	1900	1910	1920	1930	1940	1950	1957
<b>Total</b> .....	<b>1,557, 643, 120</b>	<b>343, 971, 674</b>	<b>200, 320, 128</b>	<b>178, 979, 446</b>	<b>179, 825, 935</b>	<b>170, 408, 160</b>	<b>169, 150, 322</b>
Alabama.....	359, 250	108, 210	37, 200	(3)	15, 640	26, 926	15, 600
Arizona.....	50, 286, 986	41, 491, 569	18, 268, 909	15, 180, 880	13, 860, 348	12, 544, 779	12, 569, 922
Arkansas.....	3, 493, 444	512, 705	276, 595	190, 969	129, 962	133, 796	7, 300
California.....	42, 467, 512	24, 864, 884	19, 555, 801	16, 623, 458	16, 968, 775	16, 305, 673	15, 858, 949
Colorado.....	39, 650, 247	21, 726, 192	8, 941, 185	8, 027, 468	7, 937, 490	8, 069, 927	8, 018, 632
Florida.....	1, 596, 411	453, 009	120, 077	18, 897	13, 775	22, 582	4, 000
Idaho.....	43, 286, 694	24, 743, 804	8, 805, 112	10, 617, 970	11, 879, 452	10, 858, 329	11, 455, 833
Illinois.....							48
Indiana.....						11	80
Kansas.....	1, 196, 900	137, 180	4, 346	(3)	2, 890	2, 635	1, 431
Louisiana.....	442, 224	88, 911	14, 240	(3)	5, 716	7, 290	4, 186
Michigan.....	430, 483	107, 890	73, 523	(3)	15, 810	15, 604	5, 316
Minnesota.....	4, 696, 203	1, 563, 302	256, 207	189, 845	238, 188	93, 102	100, 738
Mississippi.....	285, 804	47, 058	33, 360	(3)	12, 887	10, 713	10, 800
Missouri.....	337, 946	2, 510	18	(3)	432	924	315
Montana.....	67, 963, 057	36, 015, 943	5, 973, 741	6, 601, 677	6, 459, 860	6, 772, 640	6, 647, 310
Nebraska.....	9, 798, 688	1, 879, 486	66, 844	22, 628	28, 698	24, 857	6, 418
Nevada.....	61, 277, 506	56, 474, 688	54, 267, 175	51, 454, 493	51, 143, 840	47, 158, 889	46, 587, 336
New Mexico.....	56, 541, 170	36, 454, 692	18, 445, 878	15, 664, 121	15, 695, 458	14, 502, 666	13, 607, 035
North Dakota.....	18, 725, 239	1, 410, 225	81, 044	146, 505	107, 583	90, 470	79, 380
Oklahoma.....	5, 733, 572	5, 007	7, 404	(3)	23, 157	24, 601	23, 295
Oregon.....	34, 377, 907	17, 580, 757	14, 006, 757	13, 069, 136	12, 774, 184	13, 298, 154	13, 115, 624
South Dakota.....	11, 930, 800	4, 562, 804	288, 472	439, 880	279, 087	290, 445	275, 019
Utah.....	42, 967, 451	35, 955, 554	29, 991, 715	23, 881, 445	25, 733, 585	23, 033, 410	24, 214, 810
Washington.....	11, 125, 883	3, 196, 059	1, 086, 686	920, 584	577, 419	487, 151	432, 210
Wisconsin.....	313, 565	14, 460	5, 154	(3)	6, 160	6, 043	1, 625
Wyoming.....	48, 358, 169	34, 575, 159	19, 679, 595	15, 929, 460	15, 906, 529	16, 615, 143	16, 107, 110

<sup>1</sup> Exclusive of Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by Indians in Indian Territory west of ninety-sixth degree of longitude.

<sup>2</sup> Includes acreage of public lands within grazing districts, as follows: 1940, 131,026,135; 1950, 134,874,876; 1957, 141,858,211. <sup>3</sup> Data not tabulated.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director, and records.

## No. 233.—PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: 1955 TO 1957

[For years ending June 30. Data include Alaska. For grand totals for earlier years, see *Historical Statistics, 1789-1945*, series F 11-13]

CLASS	1955			1956			1957		
	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries
<b>Total</b> .....	<b>251,399</b>	<b>250,189</b>	<b>539,318</b>	<b>151,403</b>	<b>267,120</b>	<b>629,444</b>	<b>179,958</b>	<b>278,988</b>	<b>561,379</b>
Homesteads.....	60,148	39,458	42,638	57,315	42,902	42,195	79,452	65,743	47,772
Stockraising.....	641	635	993		482	1,124			122
Enlarged.....	4,876	3,361	480	2,216	8,751	7,549	1,751	6,730	7,395
Reclamation.....	11,061	15,464	17,665	13,124	22,153	17,262	25,070	38,680	19,756
Forest.....		113	282		40				157
Commuted.....		1,783						2,170	
Sec. 2289, original act, et al.....	43,570	18,102	23,218	41,975	11,476	16,260	52,632	18,164	20,342
Deserts.....	119,233	15,667	17,180	75,902	26,435	21,278	77,431	25,949	29,160
Public auction.....		154,656	168,013		153,648	202,705		119,713	190,698
State selection.....	9,910		32,812			53,144			147,637
Mineral.....	25,308	13,164	51,868	13,394	13,126	29,771	10,876	16,004	20,541
Exchange.....			82,544			196,791			113,954
Miscellaneous.....	36,800	27,244	144,263	4,792	31,009	83,560	12,198	51,578	102,617

<sup>1</sup> Includes certifications: 1955, 30,801 acres; 1956, 52,774, acres; 1957, 47,332 acres.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

## No. 234.—PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE, BY STATES AND FOR ALASKA: 1931 TO 1957

[For years ending June 30. See text, p. 181. See also *Historical Statistics, 1789-1945*, series F 15 and 16]

ITEM AND STATE	1931-1935, total	1936-1940, total	1941-1945, total	1946-1950, total	1951-1955, total	1955	1956	1957
<b>Original entries, total</b>	<b>15,266,771</b>	<b>659,350</b>	<b>158,567</b>	<b>305,839</b>	<b>238,906</b>	<b>60,148</b>	<b>57,315</b>	<b>79,452</b>
Alaska	38,659	58,718	59,559	171,753	178,285	33,299	38,001	44,168
Arizona	1,124,034	39,910	8,199	8,134	8,088	1,514	680	
Arkansas	143,298	(3)			160			
California	909,626	29,127	2,391	25,064	2,520	1,521	773	
Colorado	1,026,268	58,501	7,533	10,503	12,582	2,396	80	469
Florida	19,554	(3)			320			40
Idaho	694,481	56,757	16,020	15,625	23,866	10,110	13,063	25,070
Minnesota	14,947	(3)						
Montana	1,884,188	84,102	17,871	644	980	160	320	323
Nebraska	117,468	(3)						
Nevada	97,670	1,832	1,812	2,314	13,203	6,558	1,061	7,074
New Mexico	4,387,629	94,337	13,817	1,378	1,618			
North Dakota	79,152	1,860	875	(2)				
Oregon	561,227	60,963	3,373	1,898	550	70	174	254
South Dakota	220,963	7,695	(2)					
Utah	609,755	26,811	12,650	32,581	41,803	4,360	3,083	1,883
Washington	67,354	2,733	320	2,435	332			
Wyoming	3,894,074	125,425	2,094	30,077	565			80
Bureau of Land Management <sup>1</sup>	94,395	20,579	11,453	3,026	4,034	160	80	98
<b>Final entries<sup>2</sup></b>	<b>6,233,399</b>	<b>6,783,129</b>	<b>764,204</b>	<b>156,904</b>	<b>220,468</b>	<b>37,242</b>	<b>39,971</b>	<b>61,876</b>

<sup>1</sup> 1931 to 1933.<sup>2</sup> Entries, if any, included with Bureau of Land Management, for States no longer having local offices.<sup>3</sup> Includes entries of abandoned military reservations.<sup>4</sup> Excludes commuted homesteads and ceded Indian lands.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

## No. 235.—GRAZING DISTRICTS—ACREAGE, PERMITTED OPERATORS, AND USE: 1955 TO 1957

[Acreage as of June 30; other data for fiscal year. Grazing districts are Bureau of Land Management administrative subdivisions of vacant public range lands, as authorized by the Taylor Grazing Act of June 28, 1934, as amended]

STATE	AREA (1,000 acres)			OPERATORS (number)			ANIMAL-UNITS-MONTHS OF USE <sup>1</sup> (1,000)					
							Livestock			Wildlife		
	1955	1956	1957	1955	1956	1957	1955	1956	1957	1955	1956	1957
<b>Total</b>	<b>159,348</b>	<b>160,482</b>	<b>159,920</b>	<b>18,937</b>	<b>18,758</b>	<b>18,856</b>	<b>15,367</b>	<b>15,300</b>	<b>14,661</b>	<b>1,273</b>	<b>1,223</b>	<b>1,334</b>
Arizona	12,814	12,809	12,801	557	556	554	609	680	570	24	27	30
California	4,310	4,310	3,572	426	411	412	378	400	374	44	20	40
Colorado	7,994	8,004	8,012	1,846	1,777	1,751	906	871	846	313	293	307
Idaho	13,062	13,052	13,057	2,792	2,684	2,668	1,608	1,599	1,450	116	112	147
Montana	5,971	5,956	6,318	2,606	2,608	2,584	945	934	928	69	70	65
Nevada	47,524	47,544	47,353	1,152	1,161	1,100	3,148	3,197	3,185	181	167	161
New Mexico	14,434	14,516	14,472	3,853	3,962	4,393	2,089	2,000	1,755	41	41	31
Oregon	13,208	13,381	13,626	1,259	1,280	1,255	1,139	1,116	1,132	162	162	163
Utah	25,594	26,296	26,114	3,099	3,010	2,907	2,472	2,453	2,414	202	204	247
Wyoming	14,347	14,614	14,595	1,347	1,309	1,292	2,013	1,990	2,007	121	118	144

<sup>1</sup> Animal-unit-month is the amount of forage necessary for the complete sustenance of 1 animal-unit (i. e., 1 cow or  $\frac{1}{2}$  horse or 5 sheep or 5 goats) for a period of 1 month.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

**No. 236.—RECEIPTS UNDER MINERAL LEASING ACT OF FEB. 25, 1920, THROUGH 1957, AND MINERAL LEASES IN FORCE, 1957, BY STATES, AND FOR ALASKA**

[Money figures in thousands of dollars. Excludes leasing activities of agencies other than Bureau of Land Management. Receipts under all mineral-leasing acts administered by Bureau of Land Management amounted to \$3,396,669 in 1957, including those shown here and receipts of \$2,203,703 from outer Continental Shelf activities]

STATE	RECEIPTS (years ending June 30)							LEASES IN FORCE, JUNE 30, 1957 <sup>1</sup>	
	Total	1920-1952, total	1953	1954	1955	1956	1957	Number	Acres
<b>Total</b> .....	634,321	344,466	43,532	52,489	59,961	61,586	72,285	108,512	80,625,991
Alabama.....	238	217	2	10	2	1	6	127	24,706
Alaska.....	2,018	35	317	138	220	469	839	3,395	6,529,130
Arizona.....	1,469	375	98	134	98	65	609	1,456	1,436,789
Arkansas.....	77	7	6	15	19	17	13	163	103,117
California.....	141,708	97,952	7,917	9,240	9,694	8,584	8,321	6,166	1,960,630
Colorado.....	74,250	28,556	6,883	8,020	8,898	10,074	11,820	10,443	9,624,110
Florida.....	5	3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1	25	3,242
Idaho.....	2,068	631	153	180	138	371	595	304	393,987
Illinois.....	( <sup>2</sup> )	( <sup>2</sup> )		( <sup>2</sup> )	( <sup>2</sup> )			1	85
Kansas.....	972	448	80	59	156	108	121	166	54,967
Louisiana.....	1,829	880	87	96	204	247	314	750	1,480,329
Michigan.....	57	24	18	3	6	4	3	35	9,330
Mississippi.....	43	11	7	5	6	5	8	240	21,811
Montana.....	26,257	12,631	2,741	2,201	2,457	2,635	3,592	8,790	6,725,412
Nebraska.....	139	75	13	6	14	22	9	286	72,960
Nevada.....	6,784	2,178	376	916	1,754	1,030	529	6,103	4,694,873
New Mexico.....	84,333	38,118	6,372	8,205	9,386	9,885	12,367	10,424	7,582,674
North Dakota.....	1,896	979	170	85	225	197	241	914	313,648
Oklahoma.....	518	240	54	53	56	54	61	632	161,659
Oregon.....	547	58	20	81	217	131	40	984	982,572
South Dakota.....	1,544	388	225	222	173	285	250	1,238	987,115
Texas.....								83	266,679
Utah.....	29,714	10,702	2,712	3,337	3,741	3,774	5,448	19,692	14,979,320
Washington.....	157	100	11	5	2	24	12	110	69,053
Wyoming.....	257,698	149,858	15,270	19,475	22,496	23,603	26,996	35,985	22,147,393

<sup>1</sup> Data for all leases except those on acquired lands. See footnote 1, table 237.

<sup>2</sup> Less than \$500.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

**No. 237.—PUBLIC LANDS—LEASES, PERMITS, AND LICENSES OUTSTANDING, BY CLASS: 1957**

[As of June 30. Data include Alaska]

CLASS	Number	Acres	CLASS	Number	Acres
<b>Mineral class<sup>1</sup></b> .....	109,938	83,430,434	<b>Mineral class—Con.</b>		
Leases <sup>1</sup> .....	108,512	80,625,991	Licenses.....	27	1,117
Oil and gas <sup>1</sup> .....	108,018	80,254,466	Coal.....	27	1,117
Barite.....	2	720	<b>Other classes<sup>2</sup></b> .....	44,377	21,522,878
Coal.....	287	159,882	Leases.....	43,293	19,141,154
Manganese.....	2	942	Grazing, Taylor Act.....	10,838	17,030,901
Potash.....	66	113,564	Grazing, Alaska.....	49	1,804,065
Phosphate.....	62	36,482	Grazing, Oregon and California.....	155	125,763
Sodium.....	20	32,214	Fur farm, Alaska.....	5	23,510
Silica sands.....	2	481	Aviation.....	34	13,446
Tungsten.....	6	1,560	Mineral or medicinal spring.....	2	100
Uranium.....	47	25,680	Recreational.....	28	4,611
<b>Permits<sup>1</sup></b> .....	1,399	2,803,326	Water well.....	9	390
Coal.....	107	175,216	Bathing beach.....	1	33
Copper.....	1	40	Small tract.....	32,172	138,365
Potash.....	1,100	2,282,688	<b>Permits<sup>2</sup></b> .....	1,684	2,381,724
Sodium.....	189	345,066	Special land use.....	1,084	2,381,724
Sulphur.....	2	816			

<sup>1</sup> Excludes the following on acquired lands: Oil and gas, 4,499 leases (3,937,189 acres); and various minerals, 430 permits (259,353 acres); includes 1,747,008 acres of outer Continental Shelf leases.

<sup>2</sup> Excludes grazing licenses and permits within grazing district, 19,869 (159,920,000 acres).

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

NO. 238.—INDIAN LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—  
ACREAGE, BY STATES: 1881 TO 1957

[Beginning 1945, taxable lands generally excluded]

STATE	1881	1900	1920	1933	1940	1949	1955 <sup>1</sup>
<b>Total</b> .....	155,632,312	78,372,185	71,398,730	52,651,393	55,406,412	56,004,670	53,770,799
Arizona.....	3,092,720	15,150,757	18,653,014	18,657,984	219,224,717	19,457,374	19,418,180
Arkansas.....				80	80	95	
California.....	415,841	406,396	517,118	625,354	666,817	548,408	590,545
Colorado.....	12,467,200	483,750	468,874	443,751	666,533	730,513	747,562
Florida.....		23,062	23,542	125,880	60,574	80,028	78,969
Idaho.....	2,748,951	1,364,500	682,939	803,239	817,659	864,610	844,127
Iowa.....	692	2,965	3,251	3,361	3,386	5,040	3,516
Kansas.....	137,747	28,279	272,519	34,821	35,678	36,423	34,824
Louisiana.....							258
Michigan.....	66,332	8,317	153,418	20,233	26,872	26,397	22,515
Minnesota.....	5,026,447	1,566,707	1,508,553	549,320	652,746	863,028	829,670
Mississippi.....				3,863	9,347	15,488	16,832
Montana.....	29,356,800	9,500,700	6,053,673	6,055,009	6,454,953	6,502,211	5,847,661
Nebraska.....	436,252	74,592	359,542	69,280	75,958	28,073	28,858
Nevada.....	885,015	954,135	740,635	866,176	1,127,171	1,141,362	1,152,442
New Mexico.....	7,228,731	1,667,485	4,697,224	6,188,964	7,153,109	6,717,033	6,491,353
New York.....	86,366	87,677	87,677			86,008	
North Carolina.....	65,211	98,211	63,211	57,705	56,849	55,784	56,500
North Dakota.....	(9)	3,701,724	2,105,320	1,034,123	1,036,202	1,093,882	914,764
Oklahoma.....	41,100,915	26,397,237	19,551,890	2,919,886	2,844,431	2,468,770	1,939,213
Oregon.....	3,853,800	1,300,225	1,718,006	1,718,510	1,736,794	1,733,080	1,707,818
Pennsylvania.....						640	
South Carolina.....							4,271
South Dakota.....	436,616,448	8,991,791	6,685,734	5,544,424	5,864,604	5,770,684	5,590,295
Texas.....						4,081	
Utah.....	2,039,040	2,039,040	1,641,307	1,571,020	1,693,160	2,509,769	2,427,961
Washington.....	7,079,348	2,333,574	2,718,886	2,712,915	2,739,830	2,723,593	2,679,741
Wisconsin.....	580,026	381,061	590,111	395,919	445,443	452,678	451,231
Wyoming.....	2,342,400	1,810,000	2,102,286	2,249,576	2,013,400	2,080,618	1,891,695

STATE	1956				1957			
	Total <sup>1</sup>	Trust allotted	Tribal	Government owned <sup>1</sup>	Total <sup>1</sup>	Trust allotted	Tribal	Government owned <sup>1</sup>
<b>Total</b> .....	53,376,383	13,328,201	39,464,882	583,301	53,330,835	13,223,498	39,549,306	558,031
Arizona.....	19,487,599	261,799	19,194,814	30,986	19,442,209	261,259	19,149,932	31,018
California.....	577,688	74,508	501,915	1,264	576,009	72,056	501,811	2,142
Colorado.....	747,162	5,291	741,306	565	747,154	5,291	741,306	557
Florida.....	78,969		61,883	27,086	78,969		78,969	
Idaho.....	841,154	409,324	391,742	40,088	838,338	405,907	393,294	39,137
Iowa.....	3,516		<sup>3</sup> 3,476	40	<sup>3</sup> 3,516		<sup>3</sup> 3,476	40
Kansas.....	32,502	30,716	1,774	11	31,960	20,205	1,774	921
Louisiana.....	262		262		262		262	
Michigan.....	21,945	10,624	7,298	4,022	21,411	10,091	7,298	4,022
Minnesota.....	806,452	101,771	675,743	28,938	777,058	81,599	666,952	28,507
Mississippi.....	16,832	408	16,212	212	16,797	368	16,212	217
Montana.....	5,800,712	4,130,612	1,539,080	131,019	5,660,091	3,972,791	1,555,579	131,721
Nevada.....	68,100	<sup>52</sup> 983	14,793	323	67,283	<sup>52</sup> 167	14,793	323
New Mexico.....	1,151,145	80,090	1,063,031	8,025	1,151,078	82,077	1,061,119	7,882
North Carolina.....	6,416,817	607,117	5,723,316	85,883	6,486,169	607,118	5,800,535	78,516
North Dakota.....	55,433		56,323	160	56,573		56,137	436
	910,126	802,491	99,039	8,597	915,658	803,804	103,377	8,477
Oklahoma.....	1,801,420	<sup>1</sup> 709,129	50,575	32,717	2,039,774	<sup>3</sup> 1,941,509	57,220	41,045
Oregon.....	1,677,702	314,071	1,366,740	2,891	1,649,359	287,973	1,360,065	1,321
South Carolina.....	4,063		4,063		4,064		4,064	
South Dakota.....	5,534,193	3,521,345	1,871,903	140,945	5,468,151	3,440,294	1,887,881	140,476
Utah.....	2,334,049	93,004	2,240,910	135	2,324,213	91,959	2,231,815	439
Washington.....	2,674,925	873,603	1,801,204	58	2,651,426	840,011	1,811,315	100
Wisconsin.....	441,646	112,172	291,266	38,208	432,681	101,608	291,466	39,607
Wyoming.....	1,891,422	137,141	1,753,154	1,127	1,890,632	136,351	1,753,154	1,127

<sup>1</sup> Excludes public domain lands outside reservation boundaries permitted to Indians.

<sup>2</sup> Excludes 495,573 acres of land in litigation apparently lost to A. T. & S. Fe Railroad.

<sup>3</sup> Excludes an estimated 40,000 acres of trust allotted land subject to taxation.

<sup>4</sup> Dakota Territory.

<sup>5</sup> Taxable land per act of June 10, 1896 (29 Stat. 321, 331).

<sup>6</sup> Includes an estimated 40,000 acres of trust allotted land subject to taxation for 1956, and 22,440 acres for 1957.

<sup>7</sup> Includes 947,115 acres of trust allotted land part of which is taxable.

<sup>8</sup> Includes 262,108 acres of taxable trust allotted land.

Source: Department of the Interior, Bureau of Indian Affairs, annual report and records.



# No. 239.—AREAS ADMINISTERED BY THE NATIONAL PARK SERVICE—ACREAGE AND NUMBER OF VISITORS: 1957

[Areas and acreage of December 31; visitors, year ending December 31. Includes data for 7 areas in Alaska, Hawaii, Puerto Rico, and Virgin Islands. Figures for visitors based on count of number of visits, not number of different persons. For figures for continental U. S. only, see *Historical Statistics, 1789-1945*, series F 17-18]

TYPE OF AREA	Number of areas	LAND ADMINISTERED (acres)			Visitors
		Total	Federal	Not federally owned	
<b>Total</b> .....	<b>180</b>	<b>25,086,631</b>	<b>24,410,251</b>	<b>676,380</b>	<b>68,015,965</b>
National Park System.....	177	23,017,963	22,396,483	621,480	62,780,699
National parks.....	29	13,552,732	13,136,239	416,493	20,903,136
National historical parks.....	8	37,424	31,968	5,456	4,774,278
National monuments.....	83	9,134,881	8,974,661	160,220	9,350,703
National military parks.....	11	26,779	24,450	2,329	3,019,011
National memorial park.....	1	70,374	68,680	1,694	128,975
National battlefield parks.....	3	7,694	5,516	2,178	378,435
National battlefield sites.....	5	736	189	547	267,139
National historic sites.....	10	1,356	1,354	2	798,077
National memorials.....	12	4,487	4,429	58	6,213,035
National cemeteries.....	10	220	215	5	2,906
National seashore recreational area.....	1	28,500	24,705	3,795	324,206
National parkways.....	3	112,815	85,559	27,256	7,889,702
National Capital parks.....	1	39,965	38,518	1,447	8,731,096
National recreation areas.....	3	2,068,668	2,013,768	54,900	5,235,266

Source: Department of the Interior, National Park Service; annual report, *Areas Administered by the National Park Service and Public Use, Tabulations of Visitors to Areas Administered by the National Park Service*.

# No. 240.—VISITORS TO AREAS ADMINISTERED BY THE NATIONAL PARK SERVICE, 1920 TO 1957, AND TO INDIVIDUAL NATIONAL PARKS, 1957

[Visitors in thousands. Visitors, for years ending Sept. 30 through 1940, thereafter, years ending Dec. 31; acreage as of December 31, 1957. Includes data for Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also headnote, table 239. For figures for continental U. S. only, see *Historical Statistics, 1789-1945*, series F 18]

YEAR	Visitors	YEAR	Visitors	YEAR	Visitors	YEAR	Visitors
1920.....	1,058	1930.....	3,247	1940.....	16,755	1950.....	33,253
1921.....	1,172	1931.....	3,545	1941.....	21,237	1951.....	37,106
1922.....	1,216	1932.....	3,755	1942.....	9,371	1952.....	42,300
1923.....	1,494	1933.....	3,482	1943.....	6,828	1953.....	46,225
1924.....	1,671	1934.....	6,337	1944.....	8,340	1954.....	47,834
1925.....	2,055	1935.....	7,676	1945.....	11,714	1955.....	50,008
1926.....	2,315	1936.....	11,990	1946.....	21,752	1956.....	54,923
1927.....	2,798	1937.....	15,133	1947.....	25,534	1957.....	1 68,016
1928.....	3,025	1938.....	16,331	1948.....	29,859		
1929.....	3,248	1939.....	15,531	1949.....	31,736		

PARK	State	1957		PARK	State	1957	
		Federal acreage	Visitors			Federal acreage	Visitors
Acadia.....	Maine.....	30,686	859	Lassen Volcanic.....	Calif.....	104,481	327
Big Bend.....	Tex.....	697,981	75	Mammoth Cave.....	Ky.....	50,696	450
Bryce Canyon.....	Utah.....	36,010	263	Mesa Verde.....	Colo.....	51,018	194
Carlsbad Caverns.....	N. Mex.....	45,847	451	Mt. Rainier.....	Wash.....	241,571	936
Crater Lake.....	Oreg.....	160,290	330	Olympic.....	Wash.....	888,558	865
Everglades.....	Fla.....	1,258,640	345	Platt.....	Okla.....	912	906
Glacier.....	Mont.....	999,567	759	Rocky Mountain.....	Colo.....	255,794	1,508
Grand Canyon.....	Ariz.....	673,203	1,102	Sequoia.....	Calif.....	385,258	536
Grand Teton.....	Wyo.....	301,291	1,306	Shenandoah.....	Va.....	193,063	1,655
Great Smoky Mountains.....	N. C.-Tenn.....	507,870	2,944	Wind Cave.....	S. Dak.....	27,893	285
Hot Springs.....	Ark.....	986	364	Yellowstone.....	Wyo.-Mont.....		
Isle Royale.....	Mich.....	539,339	5	Yosemite.....	Idaho.....	2,213,207	1,596
Kings Canyon.....	Calif.....	453,718	639	Zion.....	Calif.....	758,020	1,139
					Utah.....	128,457	525

1 Beginning 1957, includes visitors to National Capital parks.

Source: Department of the Interior, National Park Service, annual report, *Areas Administered by the National Park Service and Public Use, Tabulations of Visitors to Areas Administered by the National Park Service*.

## No. 241.—NATIONAL FORESTS—RECREATIONAL USE BY VISITORS, BY PRIMARY PURPOSE: 1950 TO 1957

[In thousands]

USE AND PURPOSE	1950	1951	1952	1953	1954	1955	1956	1957
Total visits for recreational use.....	27,368	29,950	33,007	35,403	40,304	45,713	52,556	60,957
To areas improved by public funds.	13,061	14,857	15,929	17,199	19,747	22,317	25,053	27,770
To other public areas (unimproved) <sup>1</sup> .....	14,307	15,093	17,078	18,204	20,557	23,396	27,503	33,187
Visits, by primary purpose:								
General enjoyment of forest areas.....	7,969	8,882	9,466	9,285	10,517	12,444	14,190	16,634
Picnicking.....	6,326	7,209	8,027	8,682	9,908	10,883	12,822	14,742
Fishing.....	4,885	5,099	5,931	6,803	7,404	8,278	9,499	11,000
Hunting.....	2,285	2,656	2,985	3,162	3,688	4,064	4,436	5,168
Camping.....	1,534	1,485	1,641	1,881	2,381	2,723	3,616	4,289
Winter sports.....	1,517	1,630	1,726	1,837	2,238	2,769	2,673	2,760
Swimming.....	902	896	975	1,104	1,320	1,368	1,609	1,809
Hiking and riding.....	635	723	816	958	1,020	1,053	1,353	1,457
Other.....	1,315	1,370	1,440	1,691	1,828	2,130	2,458	3,098

<sup>1</sup> Includes a few public areas improved by non-Federal means.

Source: Department of Agriculture, Forest Service.

## No. 242.—NATIONAL FORESTS—NUMBER OF SPORTSMAN-TRAPPER USERS AND HUNTER-TAKE OF BIG GAME ANIMALS, BY STATES AND FOR ALASKA: 1950 TO 1956

YEAR AND STATE	Fisher- men	Hunters	Big- game hunter- take <sup>1</sup>	Trap- pers	STATE	Fisher- men	Hunters	Big- game hunter- take <sup>1</sup>	Trap- pers
1950.....	4,885,000	2,285,000	358,000	25,000	1956—Con.				
1951.....	5,099,000	2,656,000	416,000	20,000	Missouri.....	266,000	236,000	2,300	1,000
1952.....	5,931,000	2,985,000	408,000	21,000	Montana.....	371,000	261,000	51,000	400
1953.....	6,803,000	3,162,000	452,000	20,000	Nevada.....	36,000	28,000	14,000	30
1954.....	7,404,000	3,688,000	470,000	13,000	Nebraska.....	300	1,400	200	
1955.....	8,278,000	4,064,000	518,000	13,000	New Hampshire.....	38,000	28,000	560	55
1956.....					New Mexico.....	87,000	115,000	18,000	2
Total.....	9,570,000	4,350,000	541,000	11,000	North Carolina.....	116,000	75,000	1,900	200
Alabama.....	27,000	34,000	320	20	Ohio.....	27,000	40,000	210	500
Arizona.....	341,000	122,000	23,000	90	Oklahoma.....	5,500	5,500	45	5
Arkansas.....	443,000	34,000	900	460	Oregon.....	755,000	243,000	65,000	300
California.....	1,470,000	800,000	54,000	210	Pennsylvania.....	160,000	203,000	4,000	600
Colorado.....	1,270,000	185,000	51,000	190	South Carolina.....	21,000	21,000	530	400
Florida.....	139,000	121,000	1,200	80	South Dakota.....	240,000	62,000	7,400	
Georgia.....	40,000	30,000	540		Tennessee.....	207,000	137,000	940	150
Idaho.....	605,000	211,000	46,000	140	Texas.....	57,000	32,000	680	100
Illinois.....	41,000	21,000		450	Utah.....	467,000	216,000	91,000	45
Indiana.....	8,000	23,000	35	560	Vermont.....	5,000	11,000	1,200	320
Kentucky.....	74,000	34,000	120	100	Virginia.....	64,000	120,000	9,100	100
Louisiana.....	34,000	27,000	230	75	Washington.....	564,000	141,000	15,000	230
Maine.....	3,100	1,300	80	10	West Virginia.....	180,000	93,000	4,700	1,200
Michigan.....	414,000	216,000	21,000	1,100	Wisconsin.....	98,000	65,000	6,000	600
Minnesota.....	456,000	68,000	7,100	700	Wyoming.....	310,000	94,000	33,000	75
Mississippi.....	74,000	152,000	670	200	Alaska.....	50,000	44,000	7,600	200

<sup>1</sup> Comprises deer, elk, bear, antelope, moose, mountain goat, bighorn, peccary, and wild boar, of which 477,000 were deer in 1956.

Source: Department of Agriculture, Forest Service.

## No. 243.—STATE PARK SYSTEMS—SUMMARY: 1941 TO 1956

[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 headnote, table 239]

ITEM	1941	1946	1950	1954	1955	1956
Area <sup>1</sup> .....number.....	1,335	1,531	1,725	1,969	2,034	2,100
Acreage <sup>1</sup> .....1,000.....	4,260	4,634	4,657	5,005	5,086	5,165
Expenditures <sup>2</sup> .....\$1,000.....	10,022	15,445	36,399	49,134	55,093	65,844
Salaries and wages.....do.....	4,186	5,556	13,622	21,174	22,673	24,706
Supplies and equipment.....do.....	2,756	3,161	7,738	10,447	11,351	13,305
Lands.....do.....	1,560	3,204	2,651	5,218	5,523	5,987
Improvements.....do.....	1,449	2,304	12,364	12,142	15,293	21,520
Funds available for expenditures.....do.....	10,372	20,711	52,283	64,059	69,075	88,255
Appropriations.....do.....	7,093	17,123	28,421	37,032	43,382	49,610
Other.....do.....	3,279	3,588	23,862	27,026	25,693	38,645
Revenue from operations.....do.....	3,177	4,118	6,646	13,099	13,817	14,928
Attendance.....1,000.....	97,489	<sup>2</sup> 92,507	114,291	<sup>2</sup> 166,427	<sup>2</sup> 183,187	<sup>2</sup> 200,705
Day visitors.....do.....	94,570	88,923	108,212	155,817	169,123	185,325
Overnight visitors.....do.....	2,918	3,139	6,079	9,472	11,057	12,642
Personnel.....number.....	5,486	6,650	10,626	12,404	13,637	14,932
Professional.....do.....	( <sup>3</sup> )	( <sup>3</sup> )	401	354	373	449
Year-round.....do.....	2,630	2,771	4,191	5,105	5,657	6,048
Seasonal.....do.....	2,856	3,879	6,435	7,299	7,980	8,884
Land acquisition.....acres.....	81,656	121,590	62,042	92,215	70,145	61,544
By purchase.....do.....		46,255	18,236	29,892	13,750	30,850
By gift.....do.....		1,415	4,586	31,322	35,724	16,055
By other means.....do.....		73,920	39,220	31,001	20,674	14,639

<sup>1</sup> Excludes State forests, wildlife refuges, and waysides not administered by State park agencies.

<sup>2</sup> Includes reports of some agencies who reported no breakdown of the total figure.

<sup>3</sup> Not available.

Source: Department of the Interior, National Park Service; annual report, *State Park Statistics*.

## No. 244.—STATE PARK SYSTEMS—AREAS, ACREAGE, VISITORS, AND EXPENDITURES, BY STATES: 1956

Areas and acreage as of December 31; visitors, year ending December 31. See also headnote, tables 239 and 243]

STATE	Areas	Acreage	Visitors	Expenditures	STATE	Areas	Acreage	Visitors	Expenditures
<b>Total.....</b>	<b>2,100</b>	<b>5,165,125</b>	<b>1,000</b> <b>200,705</b>	<b>\$1,000</b> <b>65,844</b>	Montana.....	16	4,527	1,000	\$1,000
Alabama.....	43	41,301	2,741	601	Nebraska.....	56	25,333	1,126	384
Arizona.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	Nevada.....	10	11,340	( <sup>2</sup> )	20
Arkansas.....	11	18,395	1,100	98	New Hamp- shire.....	34	41,225	2,203	1,075
California.....	145	579,475	12,839	6,800	New Jersey.....	41	22,555	4,350	2,838
Colorado.....	5	1,032	61	24	New Mexico.....	16	5,992	800	94
Connecticut.....	78	20,800	3,716	945	New York.....	129	2,656,512	29,572	12,019
Delaware.....	5	3,760	3,370	70	North Carolina.....	16	35,851	1,600	444
Florida.....	42	69,393	2,596	757	North Dakota.....	52	4,092	353	93
Georgia.....	44	44,898	3,161	506	Ohio.....	113	91,371	14,252	2,291
Idaho.....	19	15,484	70	70	Oklahoma.....	25	53,430	9,820	6,954
Illinois.....	72	40,270	10,321	2,254	Oregon.....	164	57,673	7,934	1,291
Indiana.....	33	49,757	2,785	1,467	Pennsylvania.....	89	153,358	17,460	3,096
Iowa.....	91	20,221	5,955	1,136	Rhode Island.....	45	8,223	2,125	934
Kansas.....	37	20,215	449	525	South Carolina.....	26	45,972	2,894	335
Kentucky.....	25	17,384	4,210	2,212	South Dakota.....	64	92,783	1,489	397
Louisiana.....	15	11,511	848	924	Tennessee.....	18	73,046	3,039	1,076
Maine.....	25	203,508	451	382	Texas.....	53	57,602	5,081	489
Maryland.....	16	12,270	2,855	693	Utah.....	1	( <sup>2</sup> )	18	3
Massachusetts.....	32	27,433	3,896	3,489	Vermont.....	25	6,641	443	161
Michigan.....	78	179,788	18,503	2,919	Virginia.....	14	25,356	1,206	255
Minnesota.....	63	87,525	2,203	451	Washington.....	116	65,667	5,696	1,221
Mississippi.....	12	12,022	598	382	West Virginia.....	21	40,707	1,636	2,321
Missouri.....	27	67,319	2,613	769	Wisconsin.....	32	18,303	5,104	512
					Wyoming.....	7	14,805	37	8

<sup>1</sup> 89 agencies reporting.

<sup>2</sup> Not reported.

<sup>3</sup> Less than 1 acre.

Source: Department of the Interior, National Park Service; annual report, *State Park Statistics*.

No. 245.—MUNICIPAL AND COUNTY PARKS—SUMMARY, BY STATES AND TERRITORIES:  
1955

STATE OR TERRITORY	PARKS		PAID EMPLOYEES		Play-grounds under leadership	Recreation buildings and indoor centers	EXPENDITURES (\$1,000)		
	Number	Acres	Total	Leadership			Land, buildings, permanent improvements	Current operating expenses	Capital expenditures, 1951-1955
Continental U. S. ....	20,181	745,298	142,259	76,702	18,141	14,001	91,817	282,858	306,220
New England.....	2,077	37,798	10,798	6,299	1,677	1,106	3,296	15,908	8,743
Maine.....	97	1,054	419	236	73	37	185	455	590
New Hampshire.....	107	3,229	410	255	86	63	54	501	539
Vermont.....	57	1,094	331	233	62	35	36	250	93
Massachusetts.....	1,207	16,807	5,756	3,301	976	600	931	8,833	3,028
Rhode Island.....	100	739	627	378	100	72	420	558	613
Connecticut.....	509	14,875	3,255	1,896	380	299	1,070	5,311	3,880
Middle Atlantic.....	3,450	117,232	35,719	19,445	4,542	2,827	19,522	68,905	61,594
New York.....	1,906	68,071	22,213	11,164	2,368	1,607	13,395	42,863	38,701
New Jersey.....	636	17,356	5,349	3,488	812	514	1,851	9,057	5,750
Pennsylvania.....	908	31,805	8,157	4,793	1,362	706	4,276	16,985	17,143
East North Central.....	4,327	189,741	36,823	17,403	3,473	2,932	28,555	79,210	85,108
Ohio.....	1,092	53,606	5,869	3,803	959	569	6,307	12,258	14,181
Indiana.....	342	8,076	2,501	1,297	384	298	1,416	4,385	2,879
Illinois.....	1,178	67,789	10,553	3,634	730	686	9,805	36,086	32,450
Michigan.....	1,114	40,687	10,075	4,734	971	909	7,380	16,881	24,448
Wisconsin.....	601	19,573	7,825	3,935	429	470	3,647	10,100	11,150
West North Central.....	1,848	52,515	10,690	6,107	1,414	1,373	6,916	16,265	16,614
Minnesota.....	604	13,613	3,094	1,853	447	485	2,008	4,830	4,997
Iowa.....	342	8,582	2,016	1,179	270	159	1,035	2,450	2,236
Missouri.....	286	11,155	2,584	1,213	285	311	2,407	5,255	6,249
North Dakota.....	77	2,860	421	253	41	51	134	501	312
South Dakota.....	106	2,760	383	172	55	56	293	508	92
Nebraska.....	142	6,218	546	242	62	26	252	1,035	867
Kansas.....	231	7,327	1,646	1,195	254	285	847	1,686	1,861
South Atlantic.....	2,982	89,310	12,900	6,938	2,026	1,443	11,563	30,232	53,265
Delaware.....	44	937	221	133	32	16	262	497	279
Maryland.....	261	10,434	2,495	1,789	350	327	1,604	5,135	8,937
Dist. of Columbia.....	812	41,643	1,403	346	118	113	1,731	6,419	18,021
Virginia.....	258	5,210	1,628	1,003	326	193	647	3,152	2,696
West Virginia.....	107	3,924	921	587	235	83	278	967	2,498
North Carolina.....	346	8,002	1,919	1,216	313	236	1,318	2,711	4,669
South Carolina.....	134	1,407	444	309	150	69	749	760	1,368
Georgia.....	278	3,553	1,044	467	189	114	478	2,190	2,287
Florida.....	742	14,200	2,825	1,088	313	292	4,496	8,401	11,910
East South Central.....	738	17,088	4,386	2,235	742	554	2,796	6,407	8,232
Kentucky.....	198	4,817	1,217	734	194	204	803	1,475	1,809
Tennessee.....	293	8,787	1,913	817	262	175	1,398	3,062	4,272
Alabama.....	187	3,069	867	478	185	142	451	1,590	1,881
Mississippi.....	60	415	389	206	101	33	144	280	270
West South Central.....	1,454	50,611	5,594	2,858	684	545	6,620	12,233	16,624
Arkansas.....	26	5,459	103	75	13	7	12	197	52
Louisiana.....	226	3,979	1,461	823	186	119	2,169	2,152	4,961
Oklahoma.....	176	5,609	445	388	90	48	970	969	969
Texas.....	1,026	35,564	3,585	1,572	395	371	3,469	8,915	10,649
Mountain.....	822	101,969	4,243	2,889	640	649	1,399	6,294	4,599
Montana.....	51	11,522	312	242	47	64	20	326	221
Idaho.....	50	829	197	160	47	37	74	292	106
Wyoming.....	28	4,866	161	129	28	24	44	161	165
Colorado.....	292	26,293	1,726	1,086	133	176	266	2,416	1,808
New Mexico.....	141	1,671	442	362	96	105	193	299	415
Arizona.....	145	53,485	713	367	138	133	154	1,639	979
Utah.....	76	2,701	528	446	140	102	496	717	749
Nevada.....	39	512	164	97	11	8	162	444	656
Pacific.....	2,483	89,034	21,106	12,528	2,943	2,572	11,150	47,404	51,441
Washington.....	556	11,730	1,737	905	238	213	657	4,865	5,896
Oregon.....	335	9,849	1,253	856	103	130	604	2,382	3,120
California.....	1,592	67,455	18,116	11,667	2,602	2,229	9,889	40,657	42,925
Alaska.....	7	436	20	6	4	2	12	40	38
Hawaii.....	202	2,670	434	130	57	15	957	1,719	3,149

Source: Resources for the Future, Inc., Washington, D. C.; *Statistics on Outdoor Recreation*. (Figures are based on reports of the National Recreation Association.)

## No. 246.—MUNICIPAL PARKS—NUMBER, ACREAGE, LEADERSHIP, AND SELECTED FACILITIES: 1930 TO 1955

[For cities of 100,000 inhabitants or more in 1950]

ITEM	1930	1935	1940	1946	1950	1955
<b>Parks:</b>						
Number.....	6,368	6,989	8,339	(1)	8,671	9,558
Acreage.....	201,067	228,093	267,753	(1)	301,492	323,049
<b>Recreational leadership:</b>						
Leaders, total.....	16,249	12,604	14,768	20,130	27,712	31,649
Full time, year-round.....	2,028	2,111	2,703	3,561	4,571	5,454
Playgrounds under leadership.....	4,236	4,386	5,165	5,288	6,426	7,113
<b>Selected facilities:</b>						
Ball diamonds.....	2,139	2,027	2,023	2,075	7,967	8,919
Bathing beaches.....	135	143	164	175	158	158
Golf courses.....	168	197	201	190	222	225
Outdoor swimming pools.....	387	402	449	550	549	695
Tennis courts.....	5,120	5,534	7,003	6,390	6,328	6,039
Recreation buildings.....	423	707	961	969	1,419	1,718
Indoor recreation centers.....	1,422	2,048	2,080	1,737	2,617	3,758

<sup>1</sup> Not available.Source: Resources for the Future, Inc., Washington, D. C.; *Statistics on Outdoor Recreation*. (Figures are based on reports of the National Recreation Association.)

## No. 247.—PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1940 TO 1956

[In millions of dollars. Represents market value of purchases of goods and services by individuals and nonprofit institutions]

TYPE OF PRODUCT OR SERVICE	1940	1945	1950	1951	1952	1953	1954	1955	1956
<b>Total recreation expenditures.....</b>	<b>3,761</b>	<b>6,139</b>	<b>10,768</b>	<b>10,961</b>	<b>11,374</b>	<b>11,832</b>	<b>12,189</b>	<b>13,020</b>	<b>13,844</b>
Books and maps.....	224	520	476	495	504	531	518	542	592
Magazines, newspapers, and sheet music.....	589	965	1,470	1,528	1,616	1,670	1,690	1,777	1,824
Nondurable toys and sport supplies.....	306	553	999	1,080	1,164	1,209	1,226	1,336	1,410
Wheel goods, durable toys, sport equipment, boats, and pleasure aircraft.....	254	400	978	1,040	1,115	1,193	1,255	1,435	1,610
Radio and television receivers, records, and musical instruments.....	494	344	2,379	2,155	2,100	2,161	2,204	2,338	2,442
Radio and television repair.....	32	88	324	420	476	533	600	604	756
Flowers, seeds, and potted plants.....	201	378	527	587	641	684	697	742	794
Admissions to specified spectator amusements.....	904	1,714	1,792	1,739	1,691	1,641	1,712	1,753	1,791
Motion picture theaters.....	735	1,450	1,394	1,338	1,284	1,227	1,275	1,286	1,298
Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics).....	71	148	177	183	185	190	211	234	252
Spectator sports.....	98	116	221	218	222	224	226	233	241
Clubs and fraternal organizations <sup>1</sup> .....	203	281	470	487	511	532	557	590	633
Commercial participant amusements <sup>2</sup> .....	197	284	467	482	512	543	577	631	683
Parl-mutuel net receipts.....	55	153	239	263	327	377	373	384	414
Other <sup>3</sup> .....	292	459	647	685	717	758	780	828	895

<sup>1</sup> Gross receipts less cash benefits of fraternal, patriotic, and women's organizations except insurance; and dues and fees of athletic, social, and luncheon clubs, and school fraternities.<sup>2</sup> Billiard parlors, bowling alleys, dancing, riding, shooting, skating, and swimming places, amusement devices and parks, daily fee golf course greens fees, golf instruction, club rental, and caddy fees, sightseeing buses and guides, and private flying operations.<sup>3</sup> Photo developing and printing, photographic studies, collectors' net acquisitions of stamps and coins, hunting dog purchase and training, sports guide service, veterinary service, purchase of pets, camp fees, nonvending coin machine receipts minus payoff, and other commercial amusements.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957, and *National Income Supplement*, 1954.

## No. 248.—NUMBER AND COST OF HUNTING AND FISHING LICENSES: 1950 TO 1957

[In thousands. For years ending June 30]

ITEM	1950	1951	1952	1953	1954	1955	1956	1957
<b>Hunting licenses:</b>								
Paid license holders, total.....	12, 638	12, 661	13, 902	14, 803	14, 073	14, 192	14, 462	14, 918
Resident.....	12, 441	12, 449	13, 619	14, 481	13, 747	13, 853	14, 089	14, 508
Nonresident.....	197	212	284	322	327	339	373	410
Cost to hunters for licenses issued.....	37, 641	38, 139	36, 994	40, 551	41, 505	42, 791	46, 638	47, 847
<b>Fishing licenses:</b>								
Paid license holders, total.....	15, 338	16, 027	17, 128	17, 652	18, 581	18, 855	18, 702	19, 277
Resident.....	13, 309	13, 871	14, 820	15, 134	16, 024	16, 212	16, 040	16, 645
Nonresident.....	2, 029	2, 155	2, 308	2, 518	2, 557	2, 643	2, 662	2, 631
Cost to anglers for licenses issued.....	34, 018	35, 554	33, 610	35, 003	38, 928	39, 502	43, 150	42, 770
<b>Federal duck stamps issued, number.....</b>	1, 942	1, 904	2, 168	2, 297	2, 271	2, 182	2, 370	2, 332

Source: Department of the Interior, Fish and Wildlife Service.

## No. 249.—NUMBER AND COST OF STATE FISHING AND HUNTING LICENSES, BY STATES: 1957

[In thousands. For year ending June 30. Excludes Migratory Waterfowl Stamps (Duck Stamps)]

STATE	PAID LICENSE HOLDERS <sup>1</sup>		COST OF LICENSES <sup>2</sup>		STATE	PAID LICENSE HOLDERS <sup>1</sup>		COST OF LICENSES <sup>2</sup>	
	Fishing	Hunting	Fishing	Hunting		Fishing	Hunting	Fishing	Hunting
<b>Total.....</b>	<b>19, 277</b>	<b>14, 918</b>	<b>\$42, 770</b>	<b>\$47, 847</b>	Montana.....	238	203	\$613	\$1, 058
Alabama.....	465	285	747	609	Nebraska.....	190	165	306	463
Arizona.....	179	110	452	528	Nevada.....	54	39	193	529
Arkansas.....	399	238	704	532	New Hampshire.....	137	89	458	598
California.....	1, 411	666	4, 158	2, 719	New Jersey.....	166	177	613	745
Colorado.....	349	287	1, 269	2, 373	New Mexico.....	101	90	378	618
Connecticut.....	108	57	385	191	New York.....	829	1, 025	1, 890	2, 539
Delaware.....	11	23	24	61	North Carolina.....	384	362	707	885
Florida.....	486	141	985	818	North Dakota.....	72	112	77	397
Georgia.....	416	203	555	461	Ohio.....	912	739	1, 879	1, 663
Idaho.....	213	166	666	926	Oklahoma.....	387	177	840	422
Illinois.....	826	556	959	1, 420	Oregon.....	355	273	1, 281	1, 577
Indiana.....	847	674	882	678	Pennsylvania.....	719	938	1, 840	3, 606
Iowa.....	382	387	544	655	Rhode Island.....	18	13	54	33
Kansas.....	210	172	431	407	South Carolina.....	260	166	500	393
Kentucky.....	413	279	874	904	South Dakota.....	124	163	240	909
Louisiana.....	219	288	296	315	Tennessee.....	654	410	800	604
Maine.....	228	174	823	1, 033	Texas.....	427	413	709	927
Maryland.....	147	154	234	549	Utah.....	166	168	492	1, 295
Massachusetts.....	224	122	645	385	Vermont.....	108	95	257	399
Michigan.....	1, 120	1, 250	2, 463	3, 667	Virginia.....	387	398	639	969
Minnesota.....	1, 243	553	3, 052	1, 474	Washington.....	396	283	1, 462	1, 513
Mississippi.....	194	204	396	405	West Virginia.....	221	281	442	673
Missouri.....	578	380	1, 486	1, 282	Wisconsin.....	1, 143	652	2, 478	1, 658
					Wyoming.....	170	117	600	984

<sup>1</sup> Resident and nonresident.<sup>2</sup> Gross cost to the fishermen or the hunters for various types and categories of licenses issued by respective States for the privilege of fishing or hunting for and/or possessing fishes or game birds and mammals.

Source: Department of the Interior, Fish and Wildlife Service; mimeographed release.

## No. 250.—FISHERMEN AND HUNTERS, BY GEOGRAPHIC DIVISION, AGE, AND SEX: 1955

[In thousands of persons 12 years old and over. Based on a sample of approximately 20,000 households. For composition of divisions, see figure I, p. XVI]

DIVISION, SEX, AND AGE	Total persons who fished or hunted or both	Persons who fished and hunted	Fishermen only	Hunters only	ON TRIPS LASTING MORE THAN 1 DAY	
					Fishermen	Hunters
United States.....	24, 917	7, 680	13, 133	4, 104	6, 584	2, 445
By division:						
New England.....	1, 224	367	635	222	202	103
Middle Atlantic.....	3, 539	880	1, 931	728	687	367
East North Central.....	5, 489	1, 632	2, 951	906	1, 731	527
West North Central.....	2, 913	967	1, 379	567	703	226
South Atlantic.....	3, 223	1, 031	1, 774	418	524	125
East South Central.....	1, 063	691	974	298	295	58
West South Central.....	2, 560	842	1, 395	323	719	157
Mountain.....	1, 369	539	573	257	515	205
Pacific.....	2, 637	731	1, 521	385	1, 058	677
By sex: <sup>1</sup>						
Male.....	16, 293	6, 320	6, 618	3, 355	4, 339	2, 110
Female.....	4, 836	271	4, 418	147	1, 441	116
By age group:						
12 to 17 years.....	3, 788	1, 089	2, 097	602	804	219
18 to 24 years.....	2, 517	892	913	712	500	305
25 to 34 years.....	5, 104	1, 912	2, 382	810	1, 333	631
35 to 44 years.....	5, 978	1, 873	3, 304	801	1, 899	698
45 to 64 years.....	6, 272	1, 667	3, 592	1, 013	1, 783	544
65 years and over.....	1, 258	247	845	166	290	48

<sup>1</sup> Persons 18 years old and over.

Source: Department of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting*.

## No. 251.—SELECTED RECREATIONAL ACTIVITIES: 1950 TO 1956

ACTIVITY	1950	1951	1952	1953	1954	1955	1956
Baseball major leagues attendance, total <sup>1</sup>							
1,000.....	17, 659	16, 469	14, 974	14, 691	16, 188	16, 979	16, 895
Regular season.....	17, 463	16, 127	14, 633	14, 384	15, 936	16, 617	16, 519
National League.....	8, 321	7, 244	6, 339	7, 420	8, 014	7, 674	8, 035
American League.....	9, 142	8, 883	8, 294	6, 964	7, 922	8, 943	7, 884
World series.....	196	342	341	307	252	362	346
Boxing professional matches, gross receipts <sup>2</sup>							
\$1,000.....	3, 800	5, 100	3, 988	4, 183	4, 285	6, 335	-----
Bowling: <sup>3</sup>							
Establishments.....	number.....	6, 415	6, 638	6, 615	6, 657	6, 911	7, 062
Alley beds.....	53, 243	56, 004	56, 287	56, 928	58, 982	60, 648	63, 945
Teams.....	322, 000	325, 147	336, 990	350, 713	375, 377	395, 905	413, 054
Motion picture theaters: <sup>4</sup>							
Average weekly attendance.....	millions.....	60	54	51	46	49	46
Gross receipts.....	mil. dol.....	1, 320	1, 278	1, 170	1, 008	1, 144	1, 185
Outboard motors and boats: <sup>5</sup>							
Motors in use.....	1,000.....	2, 811	3, 010	3, 219	3, 419	3, 740	4, 210
Motors sold.....	do.....	367	284	337	463	479	515
Value.....	mil. dol.....	63	63	70	104	116	153
Boats sold.....	1,000.....	131	154	164	231	223	258

<sup>1</sup> Source: *World Almanac*.

<sup>2</sup> Source: *The Ring*.

<sup>3</sup> Source: American Bowling Congress.

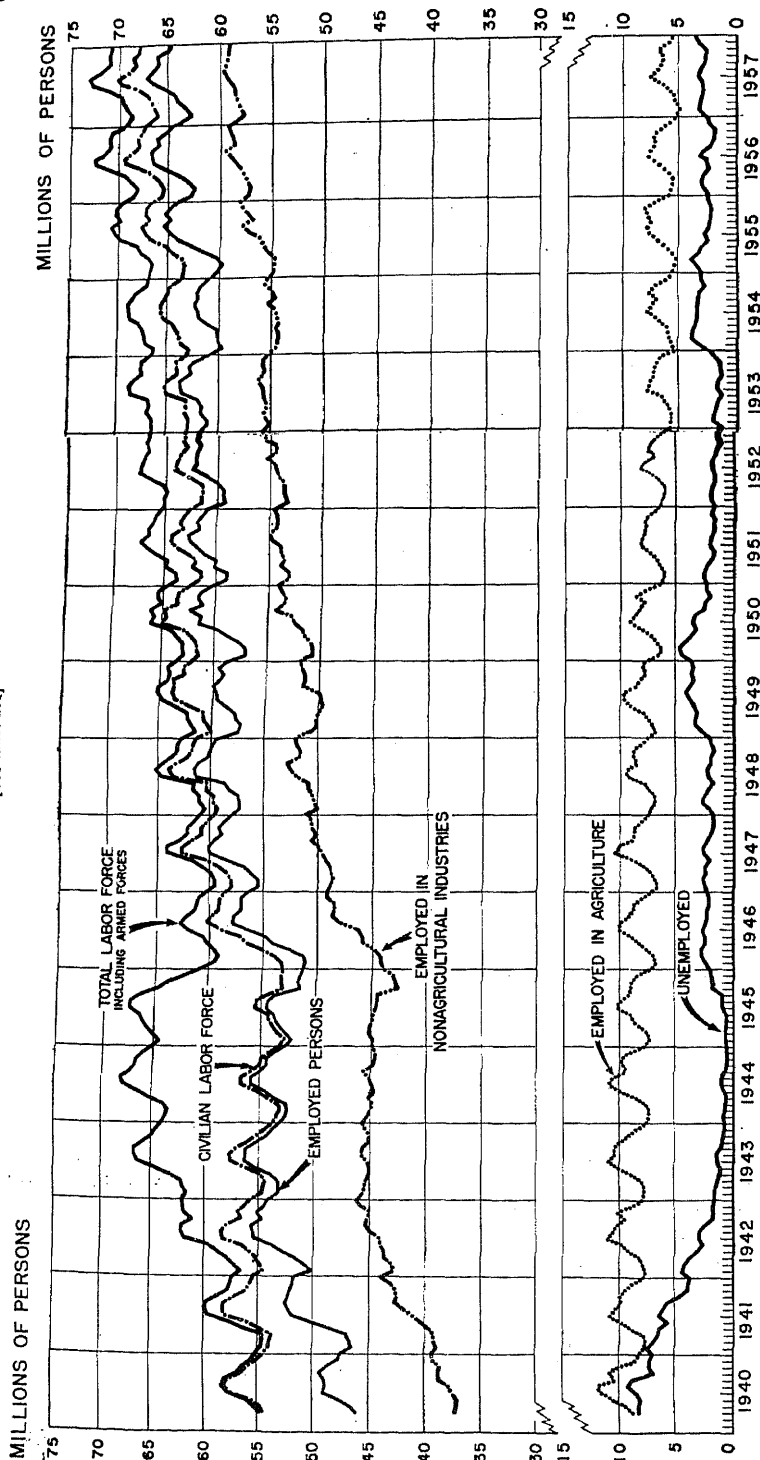
<sup>4</sup> Source: *1956 Yearbook of Motion Pictures*.

<sup>5</sup> Source: Outboard Boating Club of America.

<sup>6</sup> Production disrupted due to material allocation under the Controlled Material Plan.

Source: Compiled by Resources for the Future, Inc., Washington, D. C., from reports of the above listed sources.

FIG. XIV.—TRENDS IN THE LABOR FORCE: 1940 TO 1957  
[See table 264]



Source: Department of Commerce, Bureau of the Census.



## Section 8

### Labor Force, Employment, and Earnings

This section presents statistics dealing with the characteristics of the economically active segment of the population, 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 Bureau of the Census' Decennial Census of Population (see text, p. 1), and Current Population Survey (see text, p. 2); the Bureau of Labor Statistics' *Monthly Labor Review*; and the Agricultural Marketing Service's monthly report, *Farm Labor*.

Statistics shown in this section are of two types. One type is obtained by the "population approach" represented by the Census of Population and the Current Population Survey of the Bureau of the Census. This approach involves direct enumeration and interrogation of individuals to obtain information on employment activity from workers or members of workers' households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period. This approach encompasses direct enumeration of all employed and unemployed persons including the self-employed, unpaid family workers, domestic servants, and others who do not ordinarily appear on the payrolls of any establishment.

The second type of data is obtained by the "establishment approach" represented by the surveys of the Bureau of Labor Statistics and the Agricultural Marketing Service. These data are based on reports from employers, i. e., farms, businesses, or industrial establishments. Such data as wages, hours worked, labor turnover, and industry affiliation of employees can be more accurately obtained from employers' records than in response to inquiries directed to a worker or a member of his household. Workers appearing on more than one payroll for the same time period are counted more than once in establishment statistics.

The Decennial Census of Population provides detailed data for the United States, and for each State, city, and other area, including personal characteristics (sex, age, race, etc.) of the numbers employed and unemployed, the number reported in each occupation and in each industry, and other items. The Census Bureau's Current Population Survey provides current data published in *Current Population Reports*, "Monthly Report on the Labor Force" and related publications series. Data presented include national totals, by sex and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industries and agriculture, the number unemployed, and the number of nonworkers. Also provided are data on hours of work and major occupation group of those employed and duration of unemployment of those unemployed.

The Bureau of Labor Statistics in the *Monthly Labor Review* provides monthly data on employment, unemployment, and payrolls; labor turnover; earnings, hours, and wage rates; industrial relations; and output per man-hour. Although for the most part data are presented for the United States only, certain of these data are also shown for States and large cities.

**Labor force.**—The labor force as defined by the Bureau of the Census includes persons 14 years old and over who were employed, unemployed, or in the Armed Forces

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Note.—This section presents data for the most recent year or period available on March 18, 1958, when the material was organized and sent to the printer. In some instances, more recent data were added later.

during a specified week. Employed persons are those who did any work for pay or profit during the week, or who worked without pay for 15 hours or more in a family enterprise (farm or business); also included are persons who did not work or look for work but who had a job or business from which they were temporarily absent during the week. Unemployed persons comprise those who did not work at all during the week but were looking for work, or were on layoff from a job.

In the 1950 Census, the labor force data relate to the first or second week of April for the majority of the population. The "experienced civilian labor force" consists of all employed workers and unemployed workers with previous work experience. Population censuses earlier than 1940 used a concept of "gainful workers." This concept included all persons 10 years old and over who reported a gainful occupation, without regard to their work or work-seeking status, and, in general, excluded new job seekers without previous experience in a gainful occupation.

**Employment and earnings.**—The monthly estimates of nonagricultural employment prepared by the Bureau of Labor Statistics are based on voluntary reports for about 44,000 establishments in manufacturing industries and for about 135,000 establishments in selected nonmanufacturing industries, supplemented by data from other Government agencies and adjusted at intervals to data from tabulations of reports under Government social insurance programs. These estimates exclude proprietors of unincorporated businesses, self-employed persons, domestic servants, unpaid family workers, agricultural workers, and persons in the Armed Forces. The employment data are for all full- and part-time employees who worked or received pay for any part of the period reported.

Estimates are available for total employment for 8 major industry divisions, and for selected nonmanufacturing industries. Both total employment and production-worker estimates are published for 21 major manufacturing groups, 137 manufacturing subgroups, and for mining industries.

Average weekly hours and average weekly and hourly earnings are available for production and related workers for over 300 series in manufacturing; in mining, laundries, and cleaning and dyeing industries; and for nonsupervisory employees and working supervisors in other selected nonmanufacturing industries. The earnings data are gross (before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those actually worked or paid for.

Agricultural employment estimates and wage rates, obtained by means of monthly mail returns, have been issued since 1909 by the Department of Agriculture and appear monthly in *Farm Labor*.

**Output per man-hour.**—The Bureau of Labor Statistics prepares and publishes annual measures of output per man-hour according to two broad concepts. The first, physical output per man-hour, deals with the relationship between production in physical units and man-hours used in production. The indexes measure the relationships between the volume of goods produced and one factor of input—labor time. They do not measure the specific contribution of labor or capital nor do they measure increased efficiency resulting from more economical use of fuels and materials or more efficient integration of industries.

The other concept of productivity measurement, net output per man-hour, deals with the relationship between value added by manufacture (at fixed prices) and man-hours. These indexes reflect not only average productivity change of industry components, but shifts among industries, and savings in materials consumption. Productivity series using gross national product in constant dollars as an output measure are consistent with the net output per man-hour concept. The gross national product estimates consist of the market value of final goods and services produced excluding the value of intermediate products.

**Labor turnover.**—Labor turnover rates are published monthly in the *Monthly Labor Review* for approximately 100 industries on the basis of about 10,000 reports from cooperating establishments. Labor turnover data are available on a monthly basis from January 1930 for manufacturing as a whole. Because of the adoption of the Standard Industrial Classification system beginning with data for January 1950, labor turnover rates for many industries and industry groups are available on a continuous basis only from that date.

**Work stoppages.**—The basic measures of strike statistics compiled by the Bureau of Labor Statistics are the number of stoppages, of workers involved, and of unions involved. Basic statistical data are obtained from the employers and unions involved. Knowledge of strikes come from a variety of sources, including newspapers, State employment services, and State and Federal mediation services. The Bureau prepares annual reports published in the May *Monthly Labor Review* and later in bulletin form, which give the total figures for each month of the year, and also analyses of strikes by industry, State, city, and by causes, labor organizations involved, and other pertinent classifications.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series D 1-10") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

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### Technical Note—Current Population Survey

**Source of data.**—The Current Population Survey is a monthly sample survey of the Bureau of the Census. The current sample design, instituted in May 1956, is spread over 330 areas comprising 638 counties and independent cities, with coverage in each of the 48 States and the District of Columbia. Approximately 35,000 households are interviewed each month. Another 1,500 occupied dwelling units, on the average, are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for some other reason. There are also about 5,500 sample units in an average month which are visited but are found to be vacant or otherwise not to be enumerated. The previous sample design, in use from January 1954 through April 1956, was spread over 230 sample areas comprising 453 counties and independent cities. Data on the Armed Forces are obtained from the Department of Defense.

**Reliability of the estimates.**—According to rough computations from the 1956 survey, the relative sampling error during 1956 for summary estimates such as civilian labor force, total employment, and nonagricultural employment is about 0.4 percent; for agricultural employment and for unemployment it is roughly 3 to 4 percent. In earlier years the sampling error was somewhat higher. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the percentage estimated above for the particular item. The chances are about 19 out of 20 that the difference would be less than twice the specified percentage and about 99 out of 100 that it would be less than  $2\frac{1}{2}$  times the percentage.

The sampling variability indicated above is illustrative of the variability of data based on the Current Population Survey. For specific evaluation of the sampling variability, see the original releases of the Bureau of the Census.

**Comparability with Decennial Population Census data.**—Statistics obtained from the Current Population Survey may differ from Decennial Census data because of sampling variability, as described above. In addition, comparability between the two sets of data may be affected by other factors, such as differences in the training and experience of enumerators and in the enumeration procedures. For further information, see *U. S. Census of Population: 1950*, Vol. II, Part 1.

# No. 252.—GAINFUL WORKERS, 1820 TO 1930, AND EXPERIENCED CIVILIAN LABOR FORCE, 1940 AND 1950, IN FARM AND NONFARM OCCUPATIONS

[For explanation of differences in concept between gainful workers and labor force, see text, p. 199. See also *Historical Statistics, 1789-1945*, series D 1-10]

YEAR	Population	GAINFUL WORKERS OR EXPERIENCED CIVILIAN LABOR FORCE					
		Total	Farm occupations <sup>1</sup>		Nonfarm occupations <sup>1</sup>		
			Number	Percent	Number	Percent	
PERSONS 10 YEARS OLD AND OVER							
1820.....	6,487,815	<sup>2</sup> 2,881,000	2,068,958	71.8	812,042	28.2	
1830.....	8,639,412	<sup>3</sup> 3,931,537	2,772,453	70.5	1,159,084	29.5	
1840.....	11,629,006	<sup>2</sup> 5,420,000	3,719,951	68.6	1,700,049	31.4	
1850.....	16,452,835	<sup>2</sup> 7,697,196	4,901,882	63.7	2,795,314	36.3	
1860.....	22,428,625	<sup>2</sup> 10,532,750	6,207,634	58.9	4,325,116	41.1	
1870 <sup>4</sup> .....	29,123,683	12,924,951	6,849,772	53.0	6,075,179	47.0	
1880.....	36,761,607	17,392,099	8,584,810	49.4	8,807,289	50.6	
1890.....	47,419,659	<sup>5</sup> 23,318,183	9,938,373	42.6	13,379,810	57.4	
1900.....	57,949,824	29,073,233	10,911,998	37.5	18,161,235	62.5	
1910.....	71,680,270	<sup>6</sup> 37,370,794	11,591,767	31.0	25,779,027	69.0	
1920.....	82,739,315	<sup>7</sup> 42,433,535	11,448,770	27.0	30,984,765	73.0	
1930.....	98,723,047	48,829,920	10,471,998	21.4	38,357,922	78.6	
PERSONS 14 YEARS OLD AND OVER							
1930.....	89,100,555	48,594,592	10,161,212	20.9	38,433,380	79.1	
1940.....	101,102,924	51,742,023	8,833,324	17.1	<sup>8</sup> 42,908,699	<sup>8</sup> 82.9	
1950.....	112,354,034	59,015,464	6,837,652	11.6	<sup>8</sup> 52,177,812	<sup>8</sup> 88.4	

<sup>1</sup> Data not adjusted for relatively minor differences in farm-nonfarm occupational classification between (a) 1820-1930 series, (b) figures for 1930 and 1940, and (c) figures for 1950.

<sup>2</sup> Figures estimated on basis of returns covering greater part of population.

<sup>3</sup> Figures based on interpolation between 1820 and 1840.

<sup>4</sup> Includes additions due to estimated underenumeration in 13 Southern States.

<sup>5</sup> Corrected figure; for explanation, see analysis of occupation returns for 1890 in Twelfth Census (1900) Special Reports, *Occupation*, pp. lxxi-lxxiii. Excludes persons in Indian Territory and on Indian reservations, areas specially enumerated at that census, but for which areas no occupation statistics are available.

<sup>6</sup> Figures revised to deduct estimated overreporting of farm workers.

<sup>7</sup> Figures revised to add estimated underreporting of gainful workers, partly due to change in census date to January 1.

<sup>8</sup> Includes persons in experienced civilian labor force who did not report occupation.

Source: Department of Commerce, Bureau of the Census; 1940 Census Reports on Population, *Comparative Occupation Statistics for the United States, 1870 to 1940*, and *U. S. Census of Population: 1950*, Vol. II.

## No. 253.—TOTAL LABOR FORCE, BY AGE AND SEX: 1950

[Persons 14 years old and over. Based on 20-percent sample; see source for explanation of sampling variability. See also *Historical Statistics, 1789-1945*, series D 32-45]

YEAR AND AGE (years)	POPULATION			LABOR FORCE						
	Total	Male	Female	Total	Male	Female	Percent of popu- lation			
							Total	Male	Fe- male	
Total	111,703,400	54,601,105	57,102,295	59,642,990	43,091,000	16,551,990	53.4	78.9	29.0	
14 and 15	4,267,395	2,168,530	2,098,865	444,830	336,870	107,960	10.4	15.5	5.1	
16 and 17	4,173,735	2,109,000	2,064,735	1,123,450	750,785	366,665	26.9	35.9	17.8	
18 and 19	4,341,485	2,135,960	2,205,525	2,362,195	1,426,475	965,720	55.1	66.8	43.8	
20 to 24	11,437,305	5,556,265	5,878,040	7,089,460	4,553,065	2,536,395	62.0	81.9	43.2	
25 to 34	23,641,305	11,487,290	12,154,105	14,422,005	10,555,925	3,866,080	61.0	92.1	31.8	
35 to 44	21,239,845	10,402,195	10,837,650	13,620,410	9,828,295	3,792,115	64.1	94.5	35.0	
45 to 54	17,172,120	8,484,515	8,687,605	10,658,870	7,801,905	2,856,965	62.1	92.0	32.9	
55 to 64	13,173,270	6,540,100	6,633,170	7,004,880	5,452,135	1,552,745	53.2	83.4	23.4	
65 and over	12,256,850	5,734,250	6,522,600	2,886,800	2,379,545	507,345	23.6	41.5	7.8	

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II.

No. 254.—EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION, BY SEX:  
1929 to 1958

[In thousands of persons 14 years old and over. Annual figures are averages of monthly figures. Tables based on Current Population Survey (see Technical Note, p. 201) are not entirely comparable with those based on Decennial Census reports. See also *Historical Statistics, 1789-1945*, series D 11-31]

YEAR OR MONTH	Total noninstitutional population <sup>1</sup>	LABOR FORCE						NOT IN LABOR FORCE				
		Total, including Armed Forces	Civilian labor force				Total	Keeping house	In school	Other		
			Employed		Unemployed							
			Total	Non-agricultural	Agriculture	Number					Percent	
TOTAL												
1929		49,440	49,180	47,630		1,550	3.2					
1930		50,080	49,820	45,480		4,340	8.7					
1931		50,680	50,420	42,400		8,020	15.9					
1932		51,250	51,000	38,940		12,060	23.6					
1933		51,840	51,590	38,700		12,830	24.9					
1934		52,490	52,230	40,890		11,840	21.7					
1935		53,140	52,870	42,260		10,610	20.1					
1936		53,740	53,440	44,410		9,030	16.9					
1937		54,320	54,000	46,300		7,700	14.3					
1938		54,950	54,610	44,220		10,390	19.0					
1939		55,600	55,230	45,750		9,480	17.2					
1940	100,230	56,030	55,640	47,520	37,080	9,540	8,120	14.6	44,200			
1941	101,370	57,380	55,910	50,350	41,250	9,100	5,560	9.9	43,990			
1942	102,460	60,230	56,410	53,750	44,500	9,250	2,600	4.7	42,230	28,650	6,370	7,170
1943	103,510	64,410	55,540	54,470	45,300	9,080	1,070	1.9	39,100	27,320	5,100	6,080
1944	104,480	65,890	54,630	53,960	45,010	8,950	670	1.2	38,590	27,350	4,540	6,700
1945	105,370	65,140	53,860	52,820	44,240	8,580	1,040	1.0	40,230	27,760	4,830	7,040
1946	106,370	60,820	57,520	55,250	46,930	8,320	2,270	3.9	45,550	31,020	6,360	8,170
1947	107,458	61,608	60,168	58,027	49,761	8,266	2,142	3.6	45,850	32,441	6,446	6,962
1948	108,482	62,748	61,442	59,378	51,405	7,973	2,064	3.4	45,733	32,850	6,178	6,706
1949	109,623	63,571	62,105	58,710	50,684	8,026	3,395	5.5	46,051	33,067	6,093	6,891
1950	110,779	64,599	63,099	59,957	52,450	7,507	3,142	5.0	46,181	33,058	6,107	6,926
1951	111,924	65,832	62,884	61,005	53,951	7,054	1,879	3.0	46,092	33,105	5,829	7,159
1952	113,136	66,426	62,906	61,293	54,488	6,805	1,673	2.7	46,710	33,334	6,040	7,335
1953	115,094	67,362	63,815	62,213	55,651	6,562	1,602	2.5	47,732	34,025	6,034	7,675
1954	116,220	67,818	64,468	61,238	54,734	6,504	3,230	5.0	48,402	33,893	6,310	8,108
1955	117,388	68,896	65,847	63,193	56,464	6,730	2,654	4.0	48,492	33,722	6,509	8,201
1956	118,734	70,387	67,530	64,979	58,394	6,585	2,551	3.8	48,348	33,399	6,593	8,356
1957 <sup>2</sup>	120,445	70,746	67,946	65,011	58,780	6,222	2,936	4.3	49,699	33,892	7,048	8,759
Mar.	119,899	69,562	66,746	63,865	58,431	5,434	2,882	4.3	50,337	33,785	9,025	7,527
June	120,383	72,661	69,842	66,504	58,970	7,534	3,337	4.8	47,722	34,127	2,945	10,650
Sept.	120,842	71,044	68,225	65,674	56,166	6,518	2,552	3.7	49,797	33,592	8,115	8,090
Dec.	121,221	70,458	67,770	64,396	59,012	5,385	3,374	5.0	50,703	33,961	9,194	7,908
1958, Mar.	121,555	70,158	67,510	62,311	5,072	57,239	5,198	7.7	51,397	34,090	9,750	7,550
MALE												
1940	49,930	41,870	41,480	35,550	27,100	8,450	5,930	14.3	8,060			
1945	52,120	45,870	34,830	34,210	27,600	6,610	620	1.8	6,250	40	2,070	4,140
1950	54,376	45,919	44,442	42,287	36,007	6,280	2,155	4.9	8,457	81	3,244	5,132
1951	54,846	46,524	43,612	42,490	36,693	5,797	1,123	2.0	8,322	98	2,940	5,284
1952	55,370	46,868	43,454	42,391	36,756	5,635	1,062	2.4	8,502	69	3,002	5,431
1953	56,534	47,692	44,194	43,125	37,623	5,502	1,069	2.4	8,840	85	2,987	5,768
1954	57,016	47,847	44,637	42,377	36,941	5,436	2,160	4.8	9,169	111	3,162	5,906
1955	57,484	48,054	45,041	43,200	37,803	5,487	1,752	3.9	9,430	76	3,313	6,042
1956	58,044	48,579	45,756	44,148	38,870	5,278	1,608	3.5	9,465	93	3,289	6,083
1957 <sup>2</sup>	58,813	48,649	45,882	43,990	38,952	5,037	1,893	4.1	10,164	94	3,546	6,624
1958, Mar.	59,305	48,126	45,510	41,767	4,427	37,340	3,743	8.2	11,179	90	4,930	6,159
FEMALE												
1940	50,300	14,160	14,160	11,970	10,880	1,090	2,190	15.5	36,140			
1945	53,250	19,270	19,030	18,610	16,640	1,970	420	2.2	33,980	27,720	2,760	3,560
1950	56,404	18,680	18,657	17,670	16,443	1,227	987	5.3	37,724	32,977	2,954	1,794
1951	57,078	19,309	19,272	18,515	17,258	1,257	756	3.9	37,770	33,007	2,888	1,876
1952	57,767	19,569	19,513	18,902	17,732	1,170	611	3.1	35,208	33,266	3,038	1,904
1953	58,561	19,668	19,621	19,088	18,028	1,060	533	2.7	35,893	33,940	3,047	1,907
1954	59,203	19,970	19,931	18,861	17,793	1,068	1,070	5.4	39,233	33,782	3,158	2,292
1955	59,904	20,842	20,806	19,904	18,061	1,243	903	4.3	39,062	33,646	3,256	2,160
1956	60,690	21,808	21,774	20,831	19,524	1,307	943	4.3	38,883	33,306	3,304	2,272
1957 <sup>2</sup>	61,632	22,097	22,064	21,021	19,837	1,184	1,043	4.7	39,535	33,798	3,502	2,236
1958, Mar.	62,250	22,032	22,000	20,544	19,545	19,899	1,456	6.6	40,218	34,001	4,826	1,391

<sup>1</sup> Excludes inmates of penal and mental institutions and homes for the aged, infirm, and needy.

<sup>2</sup> Beginning January 1957, based on slightly modified definitions of employment and unemployment; see *Current Population Reports*, Series P-57, No. 170.

Source: 1929-39, Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, 1950 edition. Later data, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50 and Series P-57.

# NO. 255.—PROJECTIONS OF TOTAL LABOR FORCE AND OF LABOR FORCE PARTICIPATION RATES, BY AGE AND SEX: 1955 TO 1975

[Annual averages. Rate represents the proportion of each age group in the labor force (employed, unemployed, or in the Armed Forces). Series A—Projection of average annual rates of change in labor force participation rates between 1920 and the average of April 1954, 1955, and 1956. Series B—Projection of average annual rates of change between 1950 and 1955. Series C—Use of Series B rates for men 14 to 24 years and for women 14 to 34 years; use of Series A rates for other age groups. For underlying total population projections, see Series A of *Current Population Reports*, Series P-25, No. 146]

AGE AND SEX	TOTAL LABOR FORCE (1,000)					LABOR FORCE PARTICIPATION RATE				
	1955 (actual)	1960	1965	1970	1975	1955 (actual)	1960	1965	1970	1975
<b>SERIES A</b>										
Both sexes, 14 and over.....	68,899	73,190	79,179	86,228	93,385	58.0	57.9	57.7	58.0	58.8
Male.....	46,040	49,947	52,974	56,832	60,856	82.3	81.0	79.3	78.7	78.9
14 to 19 years.....	3,378	3,898	4,903	5,220	4,994	49.0	47.5	46.1	44.7	43.4
20 to 24 years.....	4,832	5,085	6,054	7,798	8,663	89.5	89.3	89.1	88.9	88.7
25 to 34 years.....	11,462	10,855	10,757	12,098	15,079	96.5	96.5	96.6	96.6	96.6
35 to 44 years.....	10,835	11,351	11,466	10,834	10,729	96.9	96.9	97.0	97.0	97.0
45 to 54 years.....	8,879	9,686	10,191	10,667	10,766	95.1	95.2	95.4	95.5	95.6
55 to 64 years.....	6,129	6,469	6,905	7,561	7,923	86.4	86.3	86.2	86.1	86.0
65 and over.....	2,525	2,603	2,638	2,654	2,702	38.5	36.5	34.6	32.8	31.1
Female.....	20,859	23,243	26,205	29,396	32,529	34.5	35.9	37.2	38.5	39.8
14 to 19 years.....	1,987	2,318	2,944	3,178	3,079	29.7	29.2	28.8	28.3	27.9
20 to 24 years.....	2,458	2,657	3,286	4,341	4,995	45.8	47.6	49.3	50.9	52.5
25 to 34 years.....	4,266	4,215	4,325	5,068	6,580	34.8	36.9	38.9	40.8	42.7
35 to 44 years.....	4,814	5,412	5,755	5,636	5,755	41.4	44.2	46.8	49.3	51.7
45 to 54 years.....	4,160	4,924	5,552	6,110	6,410	43.5	46.1	48.7	51.0	53.3
55 to 64 years.....	2,394	2,798	3,280	3,865	4,346	32.2	34.4	36.6	38.7	40.8
65 and over.....	780	919	1,063	1,198	1,364	10.3	10.6	10.9	11.1	11.4
<b>SERIES B</b>										
Both sexes, 14 and over.....	68,899	73,372	79,442	86,604	93,705	58.0	58.1	57.9	58.3	59.0
Male.....	48,040	49,751	52,536	56,213	60,104	82.3	80.7	78.7	77.9	77.9
14 to 19 years.....	3,378	3,771	4,651	4,897	4,638	49.0	46.0	43.7	41.9	40.3
20 to 24 years.....	4,832	5,022	5,912	7,518	8,253	89.5	88.2	87.0	85.7	84.5
25 to 34 years.....	11,462	10,889	10,802	12,186	15,220	96.5	96.8	97.0	97.3	97.5
35 to 44 years.....	10,835	11,398	11,549	10,946	10,873	96.9	97.3	97.7	98.0	98.3
45 to 54 years.....	8,879	9,737	10,276	10,801	10,934	95.1	95.7	96.2	96.7	97.1
55 to 64 years.....	6,129	6,552	7,143	7,834	8,292	86.4	87.4	88.4	89.2	90.0
65 and over.....	2,525	2,382	2,203	2,031	1,894	38.5	33.4	28.9	25.1	21.8
Female.....	20,859	23,621	26,906	30,391	33,601	34.5	36.5	38.2	39.8	41.1
14 to 19 years.....	1,987	2,280	2,878	3,100	2,993	29.7	28.7	28.2	27.6	27.1
20 to 24 years.....	2,458	2,595	3,125	3,976	4,413	45.8	46.5	46.9	46.6	46.4
25 to 34 years.....	4,266	4,088	4,097	4,724	6,026	34.8	35.8	36.8	38.0	39.1
35 to 44 years.....	4,814	5,391	5,712	5,568	5,696	41.4	44.0	46.5	48.7	50.9
45 to 54 years.....	4,160	5,252	6,180	7,039	7,558	43.5	49.2	54.2	58.8	62.8
55 to 64 years.....	2,394	3,049	3,765	4,614	5,336	32.2	37.5	41.9	46.2	50.1
65 and over.....	780	966	1,169	1,370	1,609	10.3	11.1	11.9	12.7	13.4
<b>SERIES C</b>										
Both sexes, 14 and over.....	68,899	72,773	78,330	84,838	91,397	58.0	57.6	57.1	57.1	57.5
Male.....	48,040	49,757	52,580	56,229	60,090	82.3	80.7	78.7	77.9	77.9
14 to 19 years.....	3,378	3,771	4,651	4,897	4,638	49.0	46.0	43.7	41.9	40.3
20 to 24 years.....	4,832	5,022	5,912	7,518	8,253	89.5	88.2	87.0	85.7	84.5
25 to 34 years.....	11,462	10,855	10,757	12,098	15,079	96.5	96.5	96.6	96.6	96.6
35 to 44 years.....	10,835	11,351	11,466	10,834	10,729	96.9	96.9	97.0	97.0	97.0
45 to 54 years.....	8,879	9,686	10,191	10,667	10,766	95.1	95.2	95.4	95.5	95.6
55 to 64 years.....	6,129	6,469	6,905	7,561	7,923	86.4	86.3	86.2	86.1	86.0
65 and over.....	2,525	2,603	2,638	2,654	2,702	38.5	36.5	34.6	32.8	31.1
Female.....	20,859	23,016	25,750	28,609	31,307	34.5	35.6	36.6	37.5	38.3
14 to 19 years.....	1,987	2,280	2,878	3,100	2,993	29.7	28.7	28.2	27.6	27.1
20 to 24 years.....	2,458	2,595	3,125	3,976	4,413	45.8	46.5	46.9	46.6	46.4
25 to 34 years.....	4,266	4,088	4,097	4,724	6,026	34.8	35.8	36.8	38.0	39.1
35 to 44 years.....	4,814	5,412	5,755	5,636	5,755	41.4	44.2	46.8	49.3	51.7
45 to 54 years.....	4,160	4,924	5,552	6,110	6,410	43.5	46.1	48.7	51.0	53.3
55 to 64 years.....	2,394	2,798	3,280	3,865	4,346	32.2	34.4	36.6	38.7	40.8
65 and over.....	780	919	1,063	1,198	1,364	10.3	10.6	10.9	11.1	11.4

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 69.

## No. 256.—CIVILIAN LABOR FORCE, BY AGE AND SEX: 1945 TO 1958

(In thousands of persons 14 years old and over. See headnote, table 254)

YEAR OR MONTH	MALE						FEMALE					
	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over
1945.....	34,830	2,950	1,650	14,510	13,260	2,460	19,030	2,720	3,180	8,230	4,410	490
1950.....	44,442	3,127	4,632	20,320	13,011	2,454	18,057	1,950	2,075	8,253	5,105	554
1951.....	43,612	2,957	3,935	20,173	14,078	2,439	19,272	2,013	2,659	8,593	5,457	551
1952.....	43,454	2,896	3,338	20,630	14,276	2,415	19,513	1,996	2,602	8,768	5,668	560
1953.....	44,194	2,880	3,054	21,173	14,544	2,544	19,621	1,945	2,423	8,824	5,728	603
1954.....	44,537	2,868	3,052	21,285	14,807	2,525	19,931	1,933	2,424	8,921	5,986	606
1955.....	45,041	2,935	3,221	21,401	14,960	2,525	20,806	1,982	2,445	9,056	6,545	780
1956.....	45,756	3,098	3,485	21,347	15,222	2,602	21,774	2,170	2,455	9,307	7,015	820
1957 <sup>1</sup> .....	45,882	3,102	3,626	21,302	15,375	2,478	22,064	2,192	2,442	9,371	7,246	813
January.....	44,714	2,463	3,453	21,222	15,212	2,364	21,107	1,901	2,462	8,985	6,943	815
February.....	44,908	2,550	3,418	21,251	15,251	2,428	21,403	1,879	2,410	9,222	7,079	814
March.....	45,223	2,688	3,488	21,266	15,320	2,459	21,524	1,893	2,389	9,195	7,155	890
April.....	45,428	2,785	3,498	21,328	15,339	2,480	21,523	1,882	2,375	9,232	7,190	844
July.....	47,517	4,315	3,893	21,424	15,391	2,404	22,711	2,804	2,524	9,287	7,259	806
September.....	45,835	2,899	3,685	21,316	15,454	2,482	22,300	2,610	2,414	9,556	7,391	806
December.....	45,440	2,738	3,630	21,177	15,456	2,438	22,330	2,158	2,475	9,531	7,389	777
1958:												
January.....	45,186	2,567	3,633	21,228	15,432	2,324	21,546	1,814	2,437	9,233	7,264	798
February.....	45,332	2,612	3,612	21,221	15,522	2,364	21,820	1,874	2,416	9,295	7,429	816
March.....	45,510	2,626	3,652	21,313	15,515	2,402	22,000	1,854	2,438	9,334	7,498	876

<sup>1</sup> See footnote 2, table 254.

## No. 257.—CIVILIANS EMPLOYED IN AGRICULTURE AND IN NONAGRICULTURAL INDUSTRIES, BY HOURS WORKED DURING THE SURVEY WEEK: 1945 TO 1958

(In thousands of persons 14 years old and over. Distribution by hours worked affected by occurrence of legal holidays in some survey weeks (calendar weeks containing 8th of each month prior to July 1955; thereafter calendar weeks containing 12th of each month). See headnote, table 254)

YEAR OR MONTH	EMPLOYED IN AGRICULTURE					EMPLOYED IN NONAGRICULTURAL INDUSTRIES				
	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work <sup>1</sup>	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work <sup>1</sup>
1945.....	8,580	6,330	1,800	230	220	44,240	36,540	4,540	1,370	1,790
1950.....	7,507	5,394	1,589	294	231	52,450	39,858	8,179	1,997	2,417
1951.....	7,054	5,108	1,486	263	197	53,951	42,554	6,898	2,016	2,483
1952.....	6,805	4,992	1,418	201	194	54,488	44,550	5,478	1,831	2,620
1953.....	6,562	4,843	1,326	209	184	55,651	44,388	6,793	1,856	2,614
1954.....	6,504	4,710	1,812	292	190	54,734	40,050	9,715	2,122	2,846
1955.....	6,730	4,888	1,332	314	196	56,464	45,045	6,422	2,261	2,736
1956.....	6,585	4,578	1,399	416	192	58,394	46,063	6,715	2,648	2,968
1957 <sup>2</sup> .....	6,222	4,197	1,413	416	196	58,789	46,238	6,953	2,777	2,821
January.....	4,935	3,032	1,162	471	270	57,643	46,637	6,612	2,672	1,722
February.....	5,195	3,255	1,265	454	221	57,096	46,178	7,136	2,894	1,788
March.....	5,434	3,402	1,353	364	225	58,431	46,986	6,699	3,065	1,681
April.....	5,755	3,851	1,411	356	187	58,506	47,229	6,072	2,920	1,685
July.....	7,772	5,742	1,514	386	150	59,449	44,273	5,960	2,345	6,862
September.....	6,518	4,319	1,633	421	145	59,156	47,653	6,207	2,604	2,632
December.....	5,385	3,266	1,301	557	261	59,012	46,579	7,344	3,188	1,901
1958:										
January.....	4,998	2,895	1,303	510	290	57,240	44,768	7,318	3,147	2,007
February.....	4,630	2,552	1,265	667	346	57,157	43,214	8,217	3,252	2,474
March.....	5,072	2,945	1,373	503	251	57,239	44,206	7,789	3,340	1,898

<sup>1</sup> Persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, industrial dispute, and various personal reasons. Prior to 1937, also included persons on temporary layoff with definite instructions to return to work within 30 days of layoff and persons scheduled to report within 30 days to new job.<sup>2</sup> See footnote 2, table 254.<sup>3</sup> Survey week contains holiday.Source of tables 256 and 257: Department of Commerce, Bureau of the Census; *Current Population Reports* Series P-50 and Series P-57.

## No. 258.—UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT: 1946 to 1958

[In thousands of persons 14 years old and over. See headnote, table 254]

YEAR OR MONTH	Civilian labor force	UNEMPLOYED					Average duration of unemployment in weeks
		Total	Percent of civilian labor force	Percent without work for—			
				10 weeks or less	11 to 26 weeks	Over 26 weeks	
1946	57,520	2,270	3.9	(1)	(1)	6.2	(1)
1947	60,168	2,142	3.6	72.5	19.9	7.7	9.8
1948	61,442	2,064	3.4	77.1	17.3	5.6	8.6
1949	62,106	3,395	5.5	70.1	22.3	7.5	10.0
1950	63,099	3,142	5.0	65.6	23.1	11.4	12.1
1951	62,884	1,879	3.0	75.8	17.0	7.3	9.7
1952	62,966	1,673	2.7	78.7	16.4	5.0	8.3
1953	63,815	1,602	2.5	79.2	16.0	4.9	8.1
1954	64,468	3,230	5.0	65.4	24.8	9.8	11.7
1955	65,847	2,654	4.0	65.4	22.0	12.7	13.2
1956	67,530	2,551	3.8	70.8	20.1	9.1	11.3
1957 <sup>a</sup>	67,946	2,936	4.3	72.7	19.1	8.1	10.4
1958, March	67,510	5,198	7.7	56.0	36.4	7.7	12.3

1 Not available. 2 See footnote 2, table 254.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-57, and records.

## No. 259.—WORK EXPERIENCE DURING YEAR OF PERSONS IN CIVILIAN NONINSTITUTIONAL POPULATION: 1955 to 1957

[In thousands of persons 14 years old and over. Population figures as of January or February of following year]

WORK EXPERIENCE DURING YEAR	1955		1956		1957	
	Number	Percent	Number	Percent	Number	Percent
Total noninstitutional population	115,164		116,928		118,769	
Total who worked during year	75,353	100.0	75,852	100.0	77,664	100.0
Worked at full-time jobs 50 to 52 weeks	42,624	56.6	42,778	56.4	42,818	55.1
Worked at full-time jobs 27 to 49 weeks	11,952	15.9	11,791	15.5	11,981	15.5
27 to 39 weeks	4,080	6.2	4,486	5.9	4,712	6.1
40 to 47 weeks	4,723	6.3	4,720	6.2	4,631	6.0
48 or 49 weeks	2,549	3.4	2,585	3.4	2,638	3.4
Worked part-time or intermittently	20,777	27.5	21,283	28.1	22,865	29.4
Worked at full-time jobs 13 weeks or less	4,060	5.4	3,842	5.1	3,556	5.0
Worked at full-time jobs 14 to 26 weeks	3,945	5.2	4,026	5.3	4,219	5.4
Worked at part-time jobs	12,772	16.9	13,415	17.7	14,790	19.0
Male noninstitutional population	54,876		55,711		56,619	
Males who worked during year	47,624	100.0	47,904	100.0	48,709	100.0
Worked at full-time jobs 50 to 52 weeks	32,127	67.5	32,342	67.5	32,089	65.9
Worked at full-time jobs 27 to 49 weeks	7,356	15.5	7,218	15.1	7,350	15.0
27 to 39 weeks	2,453	5.2	2,336	4.9	2,493	5.1
40 to 47 weeks	3,114	6.5	3,118	6.5	2,989	6.1
48 or 49 weeks	1,789	3.8	1,764	3.7	1,868	3.8
Worked part-time or intermittently	8,141	17.1	8,344	17.4	9,270	19.0
Worked at full-time jobs 13 weeks or less	1,600	3.4	1,507	3.1	1,534	3.1
Worked at full-time jobs 14 to 26 weeks	1,731	3.6	1,637	3.4	1,913	3.9
Worked at part-time jobs	4,810	10.1	5,200	10.9	5,823	12.0
Female noninstitutional population	60,288		61,217		62,150	
Females who worked during year	27,729	100.0	27,948	100.0	28,955	100.0
Worked at full-time jobs 50 to 52 weeks	10,497	37.9	10,436	37.3	10,729	37.0
Worked at full-time jobs 27 to 49 weeks	4,596	16.5	4,573	16.3	4,631	16.1
27 to 39 weeks	2,227	8.0	2,150	7.7	2,219	7.7
40 to 47 weeks	1,609	5.8	1,602	5.7	1,642	5.7
48 or 49 weeks	760	2.7	821	2.9	770	2.7
Worked part-time or intermittently	12,638	45.6	12,939	46.3	13,595	47.0
Worked at full-time jobs 13 weeks or less	2,460	8.9	2,335	8.4	2,322	8.0
Worked at full-time jobs 14 to 26 weeks	2,214	8.0	2,389	8.5	2,306	8.0
Worked at part-time jobs	7,962	28.7	8,215	29.4	8,967	31.0

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, 68 and 77.



## No. 260.—EMPLOYMENT STATUS OF THE POPULATION, BY SEX, BY STATES AND OTHER AREAS: 1950

[In thousands of persons 14 years old and over]

STATE OR OTHER AREA	TOTAL LABOR FORCE						CIVILIAN LABOR FORCE					Not in labor force
	Both sexes		Male		Female		Total	Em- ployed	Unemployed			
									Number	Percent of ci- vilian labor force		
	Number	Percent of pop- ulation 14 years and over	Number	Percent of pop- ulation 14 years and over	Number	Percent of pop- ulation 14 years and over	Number	Percent of ci- vilian labor force				
Cont. U. S.....	60,054	53.5	43,553	78.7	16,501	28.9	59,072	56,239	2,832	4.8	52,300	
New England.....	3,896	54.4	2,675	77.4	1,221	32.9	3,846	3,611	235	6.1	3,269	
Maine.....	345	51.2	250	75.5	95	27.7	342	312	30	8.8	330	
New Hampshire.....	218	53.7	150	75.9	68	32.6	217	203	14	6.6	187	
Vermont.....	146	52.4	106	77.5	40	28.3	145	137	8	5.5	132	
Massachusetts.....	1,962	53.9	1,331	76.8	631	33.1	1,930	1,827	112	5.8	1,677	
Rhode Island.....	345	56.0	234	77.9	110	35.0	328	305	24	7.2	271	
Connecticut.....	881	56.7	604	79.9	277	34.8	875	828	47	5.4	672	
Middle Atlantic.....	12,630	53.9	8,918	78.5	3,713	30.8	12,551	11,838	713	5.7	10,804	
New York.....	6,353	54.5	4,406	78.4	1,947	32.3	6,325	5,944	381	6.0	5,208	
New Jersey.....	2,102	55.8	1,485	80.7	618	32.0	2,068	1,903	165	5.1	1,668	
Pennsylvania.....	4,175	52.1	3,027	77.5	1,148	27.9	4,158	3,931	226	5.4	3,838	
East North Central.....	12,447	54.3	9,090	80.2	3,357	29.0	12,389	11,873	516	4.2	10,489	
Ohio.....	3,209	53.5	2,345	79.9	864	28.2	3,201	3,060	142	4.4	2,787	
Indiana.....	1,570	53.5	1,159	80.0	411	27.6	1,567	1,518	49	3.1	1,366	
Illinois.....	3,729	55.4	2,658	80.3	1,071	31.3	3,694	3,546	148	4.0	2,999	
Michigan.....	2,541	53.8	1,898	80.1	643	27.3	2,530	2,394	136	5.4	2,177	
Wisconsin.....	1,399	54.7	1,020	80.5	369	28.9	1,396	1,355	41	2.9	1,159	
West North Central.....	5,537	52.6	4,130	79.0	1,407	26.6	5,511	5,353	158	2.9	4,981	
Minnesota.....	1,188	54.0	874	79.3	314	28.5	1,186	1,144	42	3.5	1,013	
Iowa.....	1,022	52.3	772	79.7	250	25.3	1,021	1,002	19	1.8	932	
Missouri.....	1,577	52.2	1,141	77.8	436	28.0	1,574	1,522	52	3.3	1,446	
North Dakota.....	233	53.1	186	80.5	47	22.6	232	224	9	3.8	206	
South Dakota.....	252	53.3	198	80.7	54	23.7	249	242	7	2.8	221	
Nebraska.....	527	52.9	398	79.7	129	26.0	523	512	12	2.2	469	
Kansas.....	730	51.6	561	78.8	178	24.7	726	708	18	2.5	694	
South Atlantic.....	8,263	54.4	5,899	79.1	2,364	30.6	7,965	7,657	309	3.9	6,930	
Delaware.....	131	54.6	94	79.8	37	30.4	131	127	4	3.1	109	
Maryland.....	973	55.7	699	80.9	275	31.1	938	895	44	4.6	775	
Dist. of Columbia.....	404	62.2	236	78.5	168	48.2	388	373	15	3.9	245	
Virginia.....	1,306	54.3	974	80.5	331	27.8	1,197	1,150	47	3.9	1,099	
West Virginia.....	660	47.0	522	74.5	138	19.6	660	628	31	4.8	746	
North Carolina.....	1,555	55.0	1,114	80.1	441	30.7	1,513	1,463	50	3.3	1,270	
South Carolina.....	798	56.2	553	80.3	246	33.5	782	755	27	3.4	623	
Georgia.....	1,337	55.3	941	80.6	396	31.7	1,299	1,255	44	3.4	1,079	
Florida.....	1,099	52.7	766	75.2	333	31.2	1,057	1,010	48	4.5	985	
East South Central.....	4,055	50.4	3,054	77.6	1,001	24.4	3,992	3,839	154	3.8	3,992	
Kentucky.....	1,013	48.5	799	76.9	214	20.4	991	955	36	3.6	1,075	
Tennessee.....	1,200	50.9	889	77.3	311	25.7	1,182	1,136	46	3.9	1,159	
Alabama.....	1,085	51.2	797	77.7	289	26.4	1,076	1,031	45	4.2	1,033	
Mississippi.....	757	51.1	569	78.7	188	24.8	743	717	26	3.5	724	
West South Central.....	5,345	51.2	4,019	77.8	1,327	25.2	5,218	5,003	214	4.1	5,087	
Arkansas.....	648	48.5	505	76.6	142	21.1	646	616	30	4.7	687	
Louisiana.....	929	49.3	690	75.5	239	24.6	918	876	42	4.6	954	
Oklahoma.....	797	48.8	601	74.4	195	23.8	783	754	30	3.8	835	
Texas.....	2,972	53.2	2,222	79.9	750	26.8	2,871	2,758	112	3.9	2,611	
Mountain.....	1,892	52.5	1,438	78.1	454	25.8	1,845	1,747	98	5.6	1,709	
Montana.....	232	54.0	181	79.7	51	25.1	230	218	12	5.1	198	
Idaho.....	218	53.0	171	80.1	47	23.9	218	206	12	5.5	194	
Wyoming.....	120	56.9	94	82.9	25	26.2	113	108	5	4.3	91	
Colorado.....	513	52.4	376	76.9	137	27.8	498	477	21	4.2	467	
New Mexico.....	230	50.4	179	76.7	51	22.9	218	207	12	5.4	226	
Arizona.....	265	50.8	197	74.9	68	26.2	258	239	20	7.6	258	
Utah.....	243	51.7	186	78.9	57	24.4	241	229	13	5.2	227	
Nevada.....	71	58.8	53	82.0	18	31.9	68	64	5	6.7	50	
Pacific.....	5,988	54.3	4,332	78.3	1,656	30.1	5,755	5,319	436	7.6	5,039	
Washington.....	958	53.7	719	78.1	239	27.7	901	840	61	6.7	824	
Oregon.....	620	54.5	457	79.3	162	28.9	617	577	40	6.5	618	
California.....	4,411	54.4	3,156	78.2	1,255	30.8	4,238	3,902	335	7.9	3,097	
Alaska.....	67	70.1	55	87.7	12	36.8	47	43	5	9.8	29	
Hawaii.....	208	59.2	157	79.4	51	33.1	185	168	18	9.5	143	
Puerto Rico.....	697	45.9	459	70.7	139	21.3	591	560	32	5.3	704	

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II.

**No. 261.—EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS (ANNUAL AVERAGE),  
BY INDUSTRY GROUP: 1919 TO 1958**

[In thousands. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, self-employed persons, farm workers, unpaid family workers, domestic servants, and personnel of Armed Forces. Data for the two latest years are adjusted to 1st quarter 1956 benchmark levels indicated by data from Government social insurance programs, and are comparable with the series for earlier years]

YEAR OR MONTH	Total	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade <sup>1</sup>	Finance, insurance, and real estate	Service and miscellaneous <sup>1</sup>	Government
1919.....	26,829	1,124	1,021	10,534	3,711	4,664	1,050	2,054	2,671
1920.....	27,088	1,230	848	10,534	3,998	4,623	1,110	2,142	2,693
1925.....	28,505	1,080	1,446	9,786	3,824	5,810	1,166	2,591	2,802
1929.....	31,041	1,078	1,497	10,534	3,907	6,401	1,431	3,127	3,066
1930.....	29,143	1,000	1,372	9,401	3,675	6,064	1,398	3,084	3,149
1935.....	26,792	888	912	8,907	2,771	5,692	1,262	2,883	3,477
1940.....	32,058	916	1,294	10,780	3,013	6,940	1,436	3,477	4,202
1945.....	40,037	826	1,132	15,302	3,872	7,522	1,428	4,011	5,944
1946.....	41,287	852	1,661	14,461	4,023	8,602	1,619	4,474	5,595
1947.....	43,462	943	1,982	15,290	4,122	9,196	1,672	4,783	5,474
1948.....	44,448	982	2,169	15,321	4,141	9,619	1,741	4,925	5,650
1949.....	43,315	918	2,165	14,178	3,949	9,513	1,705	4,972	5,856
1950.....	44,738	889	2,333	14,967	3,977	9,645	1,824	5,077	6,026
1951.....	47,347	916	2,603	16,104	4,166	10,012	1,892	5,264	6,389
1952.....	48,303	885	2,634	16,334	4,185	10,281	1,967	5,411	6,609
1953.....	49,681	852	2,622	17,238	4,221	10,627	2,038	5,538	6,645
1954.....	48,431	777	2,593	15,995	4,009	10,620	2,122	5,664	6,751
1955.....	50,056	777	2,759	16,563	4,062	10,846	2,219	5,916	6,914
1956.....	51,878	816	2,993	16,905	4,157	11,292	2,306	6,231	7,178
1957 (prel.).....	52,543	840	3,025	16,800	4,155	11,843	2,343	6,457	7,389
1958: Jan.....	50,937	803	2,806	15,877	3,995	11,432	2,340	6,396	7,488
Feb. (prel.).....	50,223	784	2,374	15,603	3,954	11,244	2,339	6,399	7,526
Mar. (prel.).....	50,176	771	2,538	15,366	3,919	11,230	2,345	6,444	7,563

<sup>1</sup> Beginning 1940, automotive repair service included under "Service and miscellaneous"; previously included under "Wholesale and retail trade." <sup>2</sup> Monthly averages.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.

**No. 262.—PRODUCTION WORKERS AND INDEXES OF PRODUCTION-WORKER EMPLOYMENT AND WEEKLY PAYROLL IN MANUFACTURING INDUSTRIES: 1919 TO 1957**

[1947-1949=100. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest 15th of month. Data for the two latest years are adjusted to 1st quarter 1956 benchmark levels indicated by data from Government social insurance programs, and are comparable with the series for earlier years]

YEAR	EMPLOYMENT		Payroll index	YEAR	EMPLOYMENT		Payroll index
	Annual average (1,000)	Index			Annual average (1,000)	Index	
1919.....	8,495	68.7	31.1	1948.....	12,715	102.8	105.1
1920.....	8,529	69.0	37.1	1949.....	11,597	93.8	97.2
1925.....	7,947	64.2	32.1	1950.....	12,317	99.6	111.7
1929.....	8,445	68.3	35.0	1951.....	13,155	106.4	129.3
1930.....	7,358	59.5	28.3	1952.....	13,144	106.3	136.6
1935.....	7,269	58.8	23.5	1953.....	13,833	111.8	151.4
1940.....	8,811	71.2	34.0	1954.....	12,589	101.8	137.7
1945.....	12,864	104.0	87.8	1955.....	13,061	105.6	152.9
1946.....	12,105	97.9	81.2	1956.....	13,196	106.7	161.4
1947.....	12,795	103.4	97.7	1957 (prel.).....	12,925	104.5	162.7

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.

No. 263.—ALL EMPLOYEES AND PRODUCTION WORKERS (ANNUAL AVERAGE) IN  
NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY: 1950, 1956, AND 1957  
[In thousands. See headnote, table 261]

INDUSTRY GROUP	ALL EMPLOYEES			PRODUCTION WORKERS		
	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)
<b>Total</b> .....	44,738	51,878	52,543			
<b>Mining</b> .....	889	816	840		680	688
Metal mining.....	97	108	110	86	93	93
Anthracite.....	75	30	28	71	27	26
Bituminous-coal.....	308	231	238	344	211	216
Crude-petroleum and natural-gas production.....	254	331	347	122	260	254
Nonmetallic mining and quarrying.....	95	116	117	83	100	99
<b>Contract construction</b> .....	2,333	2,993	3,025			
Nonbuilding construction.....	448	606	631			
Building construction.....	1,885	2,387	2,394			
<b>Manufacturing</b> .....	14,967	16,905	16,800	12,317	13,196	12,925
Durable goods.....	8,085	9,825	9,808	6,600	7,659	7,517
Nondurable goods.....	6,882	7,080	6,992	5,627	5,537	5,408
Ordnance and accessories.....	30	131	126	24	83	75
Food and kindred products.....	1,523	1,552	1,518	1,143	1,105	1,069
Meat products.....	206	337	327	237	269	260
Dairy products.....	125	109	103	90	73	70
Canning and preserving.....	226	231	214	197	200	182
Grain-mill products.....	116	119	116	88	84	81
Bakery products.....	277	289	289	186	172	170
Sugar.....	36	32	32	31	27	27
Confectionery and related products.....	92	79	79	77	65	65
Beverages.....	214	215	218	133	121	120
Misc. food products.....	142	140	140	105	96	95
Tobacco manufactures.....	103	97	93	94	89	82
Cigarettes.....	29	34	36	26	31	30
Cigars.....	41	35	33	39	33	31
Tobacco and snuff.....	10	7	7	9	6	6
Tobacco stemming and redrying.....	23	22	18	21	19	16
<b>Textile-mill products</b> .....	1,292	1,057	1,004	1,200	966	912
Scouring and combing plants.....		7	6		6	6
Yarn and thread mills.....	162	123	118	152	114	109
Broad-woven fabric mills.....	588	457	430	559	430	402
Narrow fabrics and smallwares.....		30	29		26	26
Knitting mills.....	249	221	213	230	201	192
Dyeing and finishing textiles.....	97	92	88	86	80	77
Carpets, rugs, other floor coverings.....	65	54	51	57	46	42
Hats (except cloth and millinery).....		12	11		11	9
Misc. textile goods.....		62	59		52	49
<b>Apparel and other finished textile products</b> .....	1,184	1,215	1,204	1,065	1,083	1,069
Men's and boys' suits and coats.....	143	124	121	129	112	109
Men's and boys' furnishings and work clothing.....	280	315	308	201	200	281
Women's outerwear.....	369	356	354	330	316	313
Women's, children's undergarments.....	105	122	122	95	109	109
Millinery.....	23	19	18	20	16	16
Children's outerwear.....	62	75	78	57	67	69
Fur goods.....		12	12		9	9
Misc. apparel and accessories.....		63	62		57	56
Other fabricated textile products.....	126	129	128	107	108	107
<b>Lumber and wood products (exc. furniture)</b> .....	805	741	686	743	672	617
Logging camps and contractors.....	92	104	87	86	97	81
Sawmills and planing mills.....	463	388	361	432	358	330
Millwork, plywood, and prefabricated structural wood products.....	125	136	130	109	115	110
Wooden containers.....	65	55	51	60	51	47
Misc. wood products.....	61	59	57	55	52	50
<b>Furniture and fixtures</b> .....	369	379	373	321	319	312
Household furniture.....	271	266	263	242	230	227
Office, public-building, and professional furniture.....		48	47		39	37
Partitions, shelving, lockers, and fixtures.....		38	38		29	29
Screens, blinds, and misc. furniture and fixtures.....		27	25		21	20
<b>Paper and allied products</b> .....	485	570	576	415	465	466
Pulp, paper, and paperboard mills.....	246	278	278	214	230	230
Paperboard containers and boxes.....	126	157	160	107	128	129
Other paper and allied products.....	114	135	138	94	107	108

<sup>1</sup> Petroleum and natural-gas production (except contract services).

No 263.—ALL EMPLOYEES AND PRODUCTION WORKERS (ANNUAL AVERAGE) IN NON-AGRICULTURAL ESTABLISHMENTS, BY INDUSTRY: 1950, 1956, AND 1957—Con.

[In thousands]

INDUSTRY GROUP	ALL EMPLOYEES			PRODUCTION WORKERS		
	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)
<b>Manufacturing—Continued</b>						
Printing, publishing, and allied industries.....	738	853	866	485	551	550
Newspapers.....	280	314	321	142	156	150
Periodicals.....	58	64	61	28	28	25
Books.....	44	53	54	27	33	34
Commercial printing.....	190	222	229	157	181	185
Lithographing.....	52	63	63	40	48	48
Greeting cards.....	—	19	17	—	14	12
Bookbinding and related industries.....	—	46	46	—	37	37
Misc. publishing and printing services.....	—	71	76	—	55	59
Chemicals and allied products.....	682	831	834	494	552	538
Industrial inorganic chemicals.....	73	108	107	53	75	72
Industrial organic chemicals.....	229	316	314	173	216	205
Drugs and medicines.....	88	98	104	57	58	60
Soap, cleaning and polishing preparations.....	—	50	51	—	30	31
Paints, pigments, and fillers.....	69	76	77	45	47	47
Gum and wood chemicals.....	—	8	9	—	7	7
Fertilizers.....	35	36	36	28	27	27
Vegetable and animal oils and fats.....	47	41	39	38	28	27
Misc. chemicals.....	—	97	98	—	63	62
Products of petroleum and coal.....	238	254	257	180	174	173
Petroleum refining.....	185	203	206	136	132	132
Coke, other petroleum and coal products.....	—	52	52	—	42	41
Rubber products.....	246	269	265	198	211	206
Tires and inner tubes.....	107	112	110	85	85	83
Rubber footwear.....	24	24	22	20	20	18
Other rubber products.....	114	134	133	94	106	105
Leather and leather products.....	392	382	370	353	341	335
Leather: Tanned, curried, and finished.....	51	43	41	47	38	36
Industrial leather belting and packing.....	—	5	5	—	4	4
Boot and shoe cut stock and findings.....	—	20	20	—	13	13
Footwear (except rubber).....	252	246	243	229	222	219
Luggage.....	—	17	17	—	14	14
Handbags and small leather goods.....	—	34	33	—	30	29
Gloves and misc. leather goods.....	—	17	17	—	15	15
Stone, clay, and glass products.....	513	562	547	442	470	452
Flat glass.....	—	34	32	—	31	29
Glass and glassware, pressed or blown.....	—	95	96	—	80	81
Glass products made of purchased glass.....	—	18	17	—	15	14
Cement, hydraulic.....	40	43	41	34	37	34
Structural clay products.....	78	87	81	71	77	71
Pottery and related products.....	60	55	52	54	48	45
Concrete, gypsum, and plaster products.....	96	118	117	82	96	95
Cut-stone and stone products.....	—	20	19	—	17	17
Misc. nonmetallic mineral products.....	—	93	92	—	69	67
Primary metal industries.....	1,200	1,311	1,305	1,036	1,096	1,079
Blast furnaces, steel works, and rolling mills.....	611	631	644	533	533	538
Iron and steel foundries.....	224	241	228	197	210	196
Primary smelting and refining of nonferrous metals.....	48	68	67	41	54	53
Secondary smelting and refining of nonferrous metals.....	—	14	14	—	11	11
Rolling, drawing, and alloying of nonferrous metals.....	104	117	111	87	93	86
Nonferrous foundries.....	77	80	78	65	66	64
Misc. primary metal industries.....	—	161	164	—	130	131
Fabricated metal products (exc. ordnance, machinery, and transportation equipment).....	973	1,117	1,125	810	888	886
Tin cans and other tinware.....	57	58	56	50	51	49
Cutlery, hand tools, and hardware.....	158	149	144	134	120	115
Heating apparatus (exc. electric) and plumbers' supplies.....	138	121	111	114	94	84
Fabricated structural metal products.....	211	303	329	164	226	245
Metal stamping, coating, and engraving.....	192	234	231	166	194	190
Lighting fixtures.....	—	51	53	—	41	42
Fabricated wire products.....	—	62	61	—	51	49
Misc. fabricated metal products.....	—	138	140	—	112	112
Machinery (except electrical).....	1,354	1,716	1,693	1,043	1,268	1,221
Engines and turbines.....	66	80	84	50	58	59
Agricultural machinery and tractors.....	180	150	147	140	103	105
Construction and mining machinery.....	100	152	150	73	111	107
Metalworking machinery.....	198	283	281	152	217	213
Special-industry machinery (exc. metalworking machinery).....	168	188	181	127	134	126
General industrial machinery.....	185	260	265	132	174	173
Office and store machines and devices.....	92	125	132	76	94	95
Service-industry and household machines.....	184	206	179	150	157	133
Misc. machinery parts.....	181	275	276	145	214	211

## No. 263.—ALL EMPLOYEES AND PRODUCTION WORKERS (ANNUAL AVERAGE) IN NON-AGRICULTURAL ESTABLISHMENTS, BY INDUSTRY: 1950, 1956, AND 1957—Con.

[In thousands]

INDUSTRY GROUP	ALL EMPLOYEES			PRODUCTION WORKERS		
	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)
<b>Manufacturing—Continued</b>						
Electrical machinery	877	1,203	1,225	670	871	800
Electrical generating, transmission, distribution, and industrial apparatus	308	410	418	223	297	288
Electrical appliances	—	53	49	—	42	38
Insulated wire and cable	—	26	26	—	21	20
Electrical equipment for vehicles	67	74	75	54	59	59
Electric lamps	—	27	28	—	24	25
Communication equipment	351	558	578	270	302	305
Misc. electrical products	—	50	50	—	37	35
Transportation equipment	1,264	1,831	1,905	1,036	1,358	1,402
Automobiles	825	815	807	702	652	646
Aircraft and parts	282	814	878	206	541	575
Ship and boat building and repairing	85	129	145	72	111	124
Railroad equipment	60	62	65	46	47	50
Other transportation equipment	12	10	10	10	8	8
Instruments and related products	248	336	338	184	230	225
Laboratory, scientific, and engineering instruments	—	67	73	—	39	41
Mechanical measuring and controlling instruments	—	86	85	—	60	58
Optical instruments and lenses	—	14	14	—	11	10
Surgical, medical, and dental instruments	—	41	42	—	29	29
Ophthalmic goods	27	26	24	22	20	19
Photographic apparatus	53	68	69	38	44	43
Watches and clocks	33	34	31	28	28	25
Miscellaneous manufacturing industries	453	499	485	381	404	386
Jewelry, silverware, and plated ware	57	51	49	47	41	38
Musical instruments and parts	—	18	17	—	16	15
Toys and sporting goods	78	93	86	68	78	72
Pens, pencils, other office supplies	—	32	32	—	24	24
Costume jewelry, buttons, notions	64	64	60	55	52	48
Fabricated plastics products	—	87	89	—	70	69
Other manufacturing industries	—	155	152	—	124	120
<b>Transportation, communication, and public utilities</b>	3,977	4,157	4,155	—	—	—
Transportation	2,765	2,768	2,743	—	—	—
Interstate railroads	1,391	1,191	1,126	—	—	—
Class I railroads	1,221	1,043	986	—	—	—
Local railways and bus lines	145	111	107	—	—	—
Trucking and warehousing	619	808	834	—	—	—
Other transportation and services	610	659	676	—	—	—
Communication	664	795	810	—	—	—
Telephone	620	751	768	—	—	—
Telegraph	44	43	42	—	—	—
Other public utilities	549	594	602	—	—	—
Gas and electric utilities	526	570	578	—	—	—
Local utilities, not elsewhere classified	23	24	24	—	—	—
<b>Wholesale and retail trade</b>	9,645	11,292	11,543	—	—	—
Wholesale trade	2,571	3,032	3,154	—	—	—
Retail trade	7,074	8,260	8,389	—	—	—
General merchandise stores	1,409	1,451	1,438	—	—	—
Food and liquor stores	1,231	1,554	1,610	—	—	—
Automotive and accessories dealers	734	809	801	—	—	—
Apparel and accessories stores	555	616	620	—	—	—
Other retail trade	3,144	3,831	3,921	—	—	—
<b>Finance, insurance, and real estate</b>	1,824	2,306	2,343	—	—	—
Banks and trust companies	435	582	616	—	—	—
Security dealers and exchanges	60	82	84	—	—	—
Insurance carriers and agents	644	822	854	—	—	—
Other finance agencies and real estate	686	820	790	—	—	—
<b>Service and miscellaneous</b>	5,077	6,231	6,457	—	—	—
Hotels and lodging places	471	518	517	—	—	—
Personal services:	—	—	—	—	—	—
Laundries	342	334	330	—	—	—
Cleaning and dyeing plants	157	165	162	—	—	—
Motion pictures	248	227	223	—	—	—
<b>Government</b>	6,026	7,178	7,380	—	—	—
Federal	1,928	2,209	2,214	—	—	—
State and local	4,098	4,969	5,166	—	—	—

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.

No. 264.—EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS (ANNUAL AVERAGE),  
BY INDUSTRY GROUP, BY STATES: 1950 AND 1957

[In thousands. See headnote, table 261. 1957 U. S. figures are preliminary. National totals differ from the sum of the State figures because a few States prepare combinations of industry divisions; some States have more recent benchmarks than others, and methods of computation may vary slightly among the States]

STATE	MINING		CONTRACT CON- STRUCTION		MANU- FACTURING		TRANSPOR- TATION AND PUBLIC UTILITIES		WHOLE- SALE AND RETAIL TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICE AND MISCEL- LANEOUS		GOVERN- MENT	
	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957
U. S. ....	889	840	2,333	3,025	14,967	16,800	3,977	4,155	9,645	11,543	1,824	2,343	5,077	6,457	6,026	7,380
N. E.:																
Maine.....																
N. H. ....	(1)	(1)	9	13	108	108	19	20	49	56	7	8	24	28	37	43
Vt. ....	(1)	1	7	9	78	83	10	10	28	34	4	6	18	21	20	21
Mass. ....	(2)	(2)	73	81	707	692	116	120	362	387	77	96	189	233	203	230
R. I. ....	(2)	(2)	14	18	147	119	16	15	53	53	11	13	26	30	31	36
Conn. ....	(2)	(2)	38	53	377	427	41	46	129	155	37	49	78	90	66	85
M. A.:																
N. Y. ....	11	12	229	260	1,829	1,922	496	512	1,244	1,383	393	462	762	880	657	763
N. J. ....	4	5	84	106	748	798	135	152	288	350	68	83	162	212	168	204
Pa. ....	177	89	161	172	1,455	1,505	327	311	673	736	115	141	356	427	340	413
E. N. C.:																
Ohio.....	28	22	119	159	1,199	1,340	220	223	534	643	79	107	252	317	293	354
Ind. ....	16	10	54	72	573	607	104	101	257	300	36	51	95	113	132	162
Ill. ....	45	30	135	200	1,184	1,260	293	305	669	739	147	178	346	419	310	367
Mich. ....	17	17	88	110	1,063	1,026	137	151	395	475	54	76	177	248	222	274
Wis. ....	4	4	49	58	428	454	77	76	214	259	32	43	98	126	119	135
W. N. C.:																
Minn. ....	16	20	45	56	195	223	88	88	208	230	34	45	94	117	116	133
Iowa.....	3	3	32	33	152	166	60	54	166	175	23	28	69	74	98	105
Mo. ....	9	8	63	65	348	389	124	126	301	319	52	64	137	158	139	163
N. Dak. ....	1	2	8	9	6	7	14	13	36	38	4	5	13	16	25	28
S. Dak. ....	3	3	9	9	11	12	10	10	37	39	4	5	14	18	27	33
Nebr. ....	1	2	19	20	50	57	41	39	91	98	16	21	41	46	58	71
Kans. ....	17	19	31	34	92	128	63	60	118	134	16	20	49	58	77	98
S. A.:																
Del. ....	(2)	(2)	11	12	51	61	11	11	21	29	4	5	11	16	10	17
Md. ....	3	3	55	66	228	272	70	78	152	189	30	40	76	102	96	127
D. C. ....	(2)	(2)	22	17	17	17	30	29	92	91	22	24	60	72	247	256
Va. ....	22	19	51	70	227	260	80	91	170	230	27	42	77	110	143	174
W. Va. ....	123	83	20	28	150	130	53	52	85	92	10	13	40	47	58	60
N. C. ....	3	4	48	50	418	467	55	63	169	226	22	34	85	100	112	142
S. C. ....	1	1	24	27	209	229	26	26	84	108	9	16	36	44	62	86
Ga. ....	4	5	40	50	284	226	67	73	175	222	25	40	74	97	117	154
Fla. ....	6	8	67	117	98	161	66	92	207	338	30	60	103	177	117	179
E. S. C.:																
Ky. ....	59	41	28	34	139	169	58	59	113	142	15	22	57	72	80	102
Tenn. ....	13	9	46	41	247	292	58	58	165	200	23	31	77	93	111	130
Ala. ....	24	15	28	42	216	244	51	50	121	155	18	28	52	68	98	138
Miss. ....	3	4	17	16	86	106	26	26	73	88	8	11	29	39	64	76
W. S. C.:																
Ark. ....	7	7	18	18	76	87	30	29	71	79	8	11	34	39	52	62
La. ....	27	46	46	68	140	147	78	88	147	191	19	29	68	92	97	123
Okla. ....	43	50	31	33	66	87	49	50	123	144	18	22	51	66	92	122
Texas. ....	103	133	138	165	353	484	219	229	515	678	75	114	231	298	280	371
Mt.:																
Mont. ....	10	11	11	12	18	21	22	21	37	42	4	6	19	22	27	32
Idaho. ....	6	5	11	10	22	25	16	16	33	37	4	5	14	19	25	29
Wyo. ....	9	9	7	7	6	7	15	13	17	19	2	2	10	11	15	20
Colo. ....	10	16	22	32	59	72	42	45	95	122	14	21	47	62	67	95
N. Mex. ....	11	18	16	17	12	21	16	20	35	46	5	7	23	26	33	53
Ariz. ....	11	17	12	22	16	40	18	22	41	67	5	11	20	34	34	55
Utah. ....	12	16	12	15	29	37	21	22	44	66	6	10	20	27	44	56
Nev. ....	3	4	5	7	3	5	8	9	11	18	1	3	12	24	11	16
Pac.:																
Wash. ....	3	2	43	44	174	221	65	64	157	182	26	34	77	91	128	153
Oreg. ....	1	1	26	23	136	136	47	48	101	110	15	18	47	57	64	85
Calif. ....	32	37	226	274	760	1,241	301	365	783	1,009	151	219	423	596	533	741

<sup>1</sup> Less than 500.

<sup>2</sup> Mining combined with service and miscellaneous.

<sup>3</sup> Mining combined with contract construction.

<sup>4</sup> Not strictly comparable with prior years.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.

## No. 265.—PERCENT DISTRIBUTION BY INDUSTRY GROUP OF EMPLOYEES IN NON-AGRICULTURAL ESTABLISHMENTS, BY STATES: 1950 AND 1957

[For base figures, see table 264]

STATE	MINING		CONTRACT CON- STRUCTION		MANU- FACTURING		TRANSPORTA- TION AND PUBLIC UTILITIES		WHOLE- SALE AND RETAIL TRADE		FINANCE, INSURANCE, AND REAL ESTATE		SERVICE AND MISCEL- LANEOUS		GOVERN- MENT	
	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957	1950	1957
U. S. ....	2.0	1.6	5.2	5.8	33.4	32.0	8.9	7.9	21.6	22.0	4.1	4.5	11.3	12.3	13.5	14.0
N. E.:																
Maine.....	0.4	0.3	3.5	4.7	42.5	39.1	7.5	7.2	19.3	20.2	2.8	2.9	9.4	10.1	14.6	15.5
N. H. ....	0.1	0.1	4.2	4.9	47.2	45.1	6.1	5.5	17.0	18.4	2.4	3.3	10.9	11.3	12.1	11.4
Vt. ....	1.0	1.0	4.1	4.6	37.1	34.6	9.3	7.9	18.6	20.0	3.1	3.7	11.3	13.2	15.5	15.3
Mass. ....	(1)	(1)	4.2	4.4	40.8	37.6	6.7	6.5	20.9	21.1	4.5	5.2	10.9	12.7	12.0	12.5
R. I. ....	(1)	(1)	4.7	6.3	49.3	41.9	5.4	5.3	17.8	18.7	3.7	4.6	8.7	10.5	10.4	12.4
Conn. ....	(2)	(2)	5.0	5.9	49.2	47.2	5.4	5.1	16.8	17.1	4.8	5.4	10.2	9.9	8.6	9.4
M. A.:																
N. Y. ....	0.2	0.2	4.1	4.2	32.5	31.0	8.8	8.3	22.1	22.3	7.0	7.5	13.6	14.2	11.7	12.3
N. J. ....	0.2	0.3	5.1	5.5	45.2	41.8	8.1	8.0	17.4	18.3	4.1	4.3	9.8	11.1	10.1	10.7
Pa. ....	4.9	2.3	4.4	4.5	40.4	39.7	9.1	8.2	18.7	19.4	3.2	3.7	9.9	11.3	9.4	10.9
E. N. C.:																
Ohio.....	1.0	0.7	4.4	5.0	44.0	42.4	8.1	7.0	19.6	20.3	2.9	3.4	9.3	10.0	10.7	11.2
Ind. ....	1.3	0.7	4.3	5.1	45.2	42.9	8.2	7.1	20.3	21.2	2.8	3.6	7.5	8.0	10.4	11.4
Ill. ....	1.4	0.9	4.3	5.7	37.8	36.0	9.4	8.7	21.4	21.1	4.7	5.1	11.1	12.0	9.9	10.5
Mich. ....	0.8	0.7	4.1	4.6	49.4	43.2	6.4	6.4	18.3	20.0	2.5	3.2	8.2	10.4	10.3	11.5
Wis. ....	0.4	0.4	4.8	5.0	41.9	39.3	7.5	6.6	21.0	22.4	3.1	3.7	9.6	10.9	11.7	11.7
W. N. C.:																
Minn. ....	2.0	2.2	5.7	6.2	24.4	24.4	11.1	9.7	26.1	25.2	4.3	4.9	11.8	12.8	14.6	14.6
Iowa.....	0.5	0.5	5.3	5.2	25.2	25.9	10.0	8.5	27.5	27.3	3.8	4.4	11.4	11.6	16.3	16.6
Mo. ....	0.8	0.6	4.6	5.0	29.9	30.1	10.7	9.8	25.8	24.7	4.4	5.0	11.8	12.2	12.0	12.6
N. Dak. ....	0.9	1.7	7.5	7.6	5.6	5.9	13.1	11.0	33.7	32.2	3.7	4.3	12.1	13.6	23.4	23.7
S. Dak. ....	2.6	2.2	7.8	7.0	9.6	9.2	8.7	7.7	32.1	30.4	3.5	3.9	12.2	14.0	23.5	25.6
Nebr. ....	0.3	0.5	6.0	5.7	15.8	16.1	12.9	11.0	28.8	27.7	5.0	5.9	12.9	13.0	18.3	20.1
Kans. ....	3.7	3.5	6.7	6.2	19.9	23.2	13.6	10.9	25.5	24.3	3.4	3.6	10.6	10.5	16.6	17.8
S. A.:																
Del. ....	(1)	(1)	9.2	7.9	42.9	40.4	9.2	7.3	17.6	19.2	3.4	3.3	9.2	10.6	8.5	11.3
Md. ....	0.4	0.3	7.8	7.5	32.1	31.0	9.9	8.9	21.4	21.6	4.2	4.6	10.7	11.6	13.5	14.5
D. C. ....	(1)	(1)	4.5	3.4	3.5	3.4	6.1	5.7	18.8	18.0	4.5	4.7	12.2	14.2	50.4	50.6
Va. ....	2.8	1.9	6.4	7.0	28.5	26.1	10.0	9.1	21.3	23.1	3.4	4.2	9.7	11.1	17.9	17.5
W. Va. ....	23.7	16.4	3.9	5.5	25.0	25.8	10.2	10.3	16.4	18.2	1.9	2.6	7.7	9.3	11.2	11.9
N. C. ....	0.3	0.4	5.3	5.1	45.9	42.8	6.0	5.8	18.5	20.7	2.4	3.1	9.3	9.1	12.3	13.0
S. C. ....	0.2	0.2	5.3	5.0	46.4	42.7	5.8	4.8	18.6	20.1	2.0	3.0	8.0	8.2	13.7	16.0
Ga. ....	0.5	0.5	5.1	5.2	36.1	33.7	8.5	7.6	22.3	23.0	3.2	4.1	9.4	10.0	14.9	15.9
Fla. ....	0.9	0.7	9.7	10.4	14.1	14.2	9.5	8.1	29.8	29.9	4.3	5.3	14.8	15.6	16.9	15.8
E. S. C.:																
Ky. ....	10.7	6.4	5.1	5.3	25.3	26.4	10.6	9.2	20.6	22.2	2.7	3.4	10.4	11.2	14.6	15.9
Tenn. ....	1.8	1.1	6.2	4.8	33.4	34.2	7.8	6.8	22.3	23.4	3.1	3.6	10.4	10.9	15.0	15.2
Ala. ....	3.9	2.0	4.6	5.7	35.5	33.0	8.4	6.8	19.9	20.9	3.0	3.8	8.6	9.2	16.1	18.6
Miss. ....	1.0	1.1	6.6	4.4	28.1	28.9	8.5	7.1	23.8	24.0	2.6	3.0	9.5	10.7	20.9	20.8
W. S. C.:																
Ark. ....	2.4	2.1	6.1	5.4	25.6	26.3	10.1	8.7	24.0	23.8	2.7	3.3	11.5	11.7	17.6	18.7
La. ....	4.3	5.8	7.4	8.6	22.5	18.6	12.5	11.2	23.7	24.2	3.1	3.7	10.9	11.7	15.6	16.2
Okla. ....	9.1	8.7	6.6	5.8	13.9	15.2	10.4	8.7	26.0	25.1	3.8	3.8	10.8	11.5	19.4	21.2
Texas. ....	5.4	5.4	7.2	6.7	18.5	19.6	11.4	9.2	26.9	27.4	3.9	4.6	12.1	12.1	14.6	15.0
Mt.:																
Mont. ....	6.8	6.6	7.4	7.2	12.2	12.6	14.9	12.6	25.0	25.1	2.7	3.6	12.8	13.2	18.2	19.1
Idaho.....	4.6	3.4	8.4	6.9	16.8	17.1	12.2	11.0	25.1	25.3	3.1	3.4	10.7	13.0	19.1	19.9
Wyo. ....	11.1	10.2	8.7	8.0	7.4	8.0	18.5	14.7	21.0	21.6	2.5	2.3	12.3	12.5	18.5	22.7
Colo. ....	2.8	3.5	6.2	6.9	16.6	15.5	13.8	9.7	26.7	26.2	3.9	4.5	13.2	13.3	18.8	20.4
N. Mex. ....	7.3	8.6	10.6	8.2	7.9	10.1	10.6	9.6	23.2	22.1	3.3	3.4	15.2	12.5	21.9	25.5
Ariz. ....	7.0	6.3	7.6	8.2	10.2	14.9	11.5	8.2	26.1	25.0	3.2	4.1	12.7	12.7	21.7	20.6
Utah.....	6.4	6.7	6.4	6.3	15.4	15.5	11.2	9.2	23.4	23.4	3.2	4.2	10.6	11.3	23.4	23.4
Nev. ....	5.6	4.7	9.3	8.1	5.6	5.8	14.8	10.5	20.3	20.9	1.9	3.5	22.2	27.9	20.3	18.6
Pac.:																
Wash. ....	0.4	0.3	6.4	5.6	25.9	27.9	9.7	8.1	23.3	23.0	3.9	4.3	11.4	11.5	19.0	19.3
Oreg. ....	0.2	0.2	5.9	4.8	31.1	28.5	10.8	10.0	23.1	23.0	3.4	3.8	10.8	11.9	14.7	17.8
Calif. ....	1.0	0.8	7.0	6.1	23.7	27.7	9.4	8.2	24.4	22.5	4.7	4.9	13.2	13.3	16.6	16.5

1 Mining combined with service and miscellaneous.

2 Mining combined with contract construction.

3 Not strictly comparable with prior years.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.

## No. 266.—MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1957

[In thousands of persons 14 years and over. Figures for 1940 based on complete census revised for comparability with intercensal series. Data for 1944-1957 based on Current Population Survey; see Technical Note, p. 201. See also table 43]

MONTH AND YEAR	FEMALE LABOR FORCE (1,000)				PERCENT DISTRIBUTION OF LABOR FORCE				FEMALE LABOR FORCE AS PER- CENT OF FEMALE POPULA- TION, 14 AND OVER			
	Total	Single	Mar- ried	Wid- owed or divorced	Total	Single	Mar- ried	Wid- owed or divorced	Total	Single	Mar- ried	Wid- owed or divorced
March 1940.....	13,840	6,710	5,040	2,090	100.0	48.5	36.4	15.1	27.4	48.1	16.7	32.0
April 1944.....	18,449	7,542	8,433	2,474	100.0	40.9	45.7	13.4	35.0	58.6	25.6	35.7
April 1947.....	16,323	6,181	7,545	2,597	100.0	37.9	46.2	15.9	29.8	61.2	21.4	34.6
April 1948.....	17,155	5,943	8,281	2,931	100.0	34.6	48.3	17.1	31.0	61.1	23.1	36.8
April 1949.....	17,167	5,682	8,739	2,746	100.0	33.1	50.9	16.0	30.7	60.9	23.6	35.1
March 1950.....	17,795	5,621	9,273	2,901	100.0	31.6	52.1	16.3	31.4	60.5	24.8	36.0
April 1951.....	18,602	5,430	10,182	2,990	100.0	29.2	54.7	16.1	32.4	49.6	26.7	36.1
April 1952.....	18,812	5,532	10,350	2,930	100.0	29.4	55.0	15.6	32.4	50.0	26.8	35.3
April 1953.....	19,304	5,223	10,908	3,173	100.0	27.1	56.5	16.4	32.8	48.5	27.7	36.3
April 1954.....	19,726	5,412	11,209	3,105	100.0	27.4	56.8	15.7	33.1	49.0	28.1	36.0
April 1955.....	20,164	5,087	11,839	3,227	100.0	25.2	58.7	16.0	33.5	46.4	29.4	36.0
March 1956.....	20,842	5,167	12,278	3,397	100.0	24.8	58.9	16.3	34.2	46.4	30.2	36.9
March 1957.....	21,624	5,378	12,696	3,450	100.0	25.0	59.0	16.0	34.8	46.8	30.8	37.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50.

## No. 267.—WOMEN EMPLOYEES IN MANUFACTURING INDUSTRIES: 1950 TO 1957

[In thousands. As of October. Data for the two latest years are adjusted to 1st quarter 1956 benchmark levels indicated by data from Government social insurance programs, and are comparable with the series for earlier years]

INDUSTRY GROUP	1950		1955		1956		1957	
	Number	Percent of total employment	Number	Percent of total employment	Number	Percent of total employment	Number	Percent of total employment
<b>Manufacturing.....</b>	<b>4,251</b>	<b>27</b>	<b>4,536</b>	<b>27</b>	<b>4,570</b>	<b>27</b>	<b>4,428</b>	<b>26</b>
Durable goods.....	1,502	17	1,790	18	1,831	18	1,754	18
Ordinance and accessories.....	7	20	27	20	24	18	22	18
Lumber and wood products (except furniture).....	55	6	49	6	49	6	46	7
Furniture and fixtures.....	64	16	67	17	68	18	66	17
Stone, clay, and glass products.....	92	17	94	17	94	17	90	16
Primary metal industries.....	67	5	76	6	78	6	75	0
Fabricated metal products.....	202	19	221	19	209	18	200	18
Machinery (except electrical).....	196	14	229	14	241	14	228	14
Electrical machinery.....	384	39	478	40	497	40	483	39
Transportation equipment.....	133	10	221	12	236	13	225	12
Instruments and related products.....	93	35	117	36	121	35	116	35
Miscellaneous manufacturing industries.....	210	41	210	41	215	40	203	40
<b>Nondurable goods.....</b>	<b>2,749</b>	<b>38</b>	<b>2,746</b>	<b>38</b>	<b>2,740</b>	<b>38</b>	<b>2,674</b>	<b>38</b>
Food and kindred products.....	438	27	440	27	454	27	428	27
Tobacco manufactures.....	71	59	73	59	66	59	59	57
Textile-mill products.....	583	43	473	43	456	43	434	44
Apparel and other finished textile products.....	941	76	965	78	958	78	953	79
Paper and allied products.....	121	24	130	23	132	23	129	22
Printing, publishing, and allied industries.....	201	27	233	28	243	28	242	28
Chemicals and allied products.....	125	18	148	18	150	18	153	18
Products of petroleum and coal.....	13	5	17	7	17	7	18	7
Rubber products.....	69	27	72	26	73	27	69	26
Leather and leather products.....	188	47	196	51	191	51	193	51

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.



# No. 268.—LABOR FORCE STATUS OF THE CIVILIAN FEMALE POPULATION, BY MARITAL STATUS AND AGE: 1957

[In thousands of persons 14 years old and older. As of March. See headnote, table 254. Percent not shown where base is less than 160,000]

MARITAL STATUS AND AGE	Popu- lation	LABOR FORCE		MARITAL STATUS AND AGE	Popu- lation	LABOR FORCE	
		Num- ber	Percent of popu- lation			Num- ber	Percent of popu- lation
<b>Total</b> .....	61,863	21,524	34.8	<b>Married, spouse present</b> .....	38,940	11,529	29.6
14 to 19 years.....	7,117	1,893	26.6	14 to 19 years.....	893	193	24.0
14 to 17 years.....	4,896	861	17.6	14 to 17 years.....	208	25	12.0
18 and 19 years.....	2,221	1,032	46.5	18 and 19 years.....	595	167	28.1
20 to 24 years.....	5,324	2,389	44.9	20 to 24 years.....	3,357	1,013	30.2
25 to 34 years.....	12,069	4,180	34.6	25 to 34 years.....	10,032	2,723	27.1
35 to 44 years.....	11,844	5,015	42.3	35 to 44 years.....	9,779	3,487	35.7
45 to 64 years.....	17,582	7,166	40.7	45 to 64 years.....	12,216	3,939	32.2
65 years and over.....	7,927	891	11.2	65 years and over.....	2,763	174	6.3
Median age..... years.....	40.4	39.6	-----	Median age..... years.....	40.4	40.3	-----
<b>Single</b> .....	11,487	5,378	46.8	<b>Other marital status</b> .....	11,436	4,617	40.4
14 to 19 years.....	6,193	1,658	26.8	14 to 19 years.....	121	43	-----
14 to 17 years.....	4,645	827	17.8	20 to 24 years.....	422	224	53.1
18 and 19 years.....	1,648	831	50.7	25 to 34 years.....	934	580	62.1
20 to 24 years.....	1,645	1,153	70.6	35 to 44 years.....	1,308	908	69.4
25 to 34 years.....	1,103	877	79.5	45 to 64 years.....	4,113	2,303	56.0
35 to 44 years.....	757	620	81.9	65 years and over.....	4,538	560	12.3
45 to 64 years.....	1,253	914	72.9	Median age..... years.....	59.9	49.6	-----
65 years and over.....	636	156	24.5				
Median age..... years.....	19.4	24.5	-----				

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 76.

# No. 269.—FARM LABOR—HOURS OF WORK AND CASH WAGES OF HIRED FARM WORKERS, BY STATES: 1954

[Based on reports for a sample of farms]

STATE	EMPLOYED BY THE MONTH		EMPLOYED BY THE DAY		STATE	EMPLOYED BY THE MONTH		EMPLOYED BY THE DAY	
	Average hours worked per month	Average wage per month	Average hours worked per day	Average wage per day		Average hours worked per month	Average wage per month	Average hours worked per day	Average wage per day
<b>U. S.</b> .....	231	\$162	8.8	\$5.13	<b>S. Atlantic—Con.</b> .....				
N. England.....	238	159	9.0	9.82	Va.....	223	127	8.8	4.68
Maine.....	216	137	9.5	11.13	W. Va.....	215	123	8.2	4.59
N. H.....	243	173	8.1	6.76	N. C.....	200	115	8.7	4.65
Vt.....	258	126	8.5	5.79	S. C.....	204	129	8.6	3.22
Mass.....	225	154	8.3	7.91	Ga.....	204	112	8.8	3.39
R. I.....	256	170	8.1	7.28	Fla.....	205	191	8.8	4.95
Conn.....	241	183	8.2	8.47	<b>E. S. Central</b> .....	199	118	8.8	4.13
M. Atlantic.....	237	144	8.4	6.28	Ky.....	216	126	8.7	5.18
N. Y.....	245	142	8.5	6.97	Tenn.....	209	114	8.8	3.74
N. J.....	231	180	8.6	7.29	Ala.....	168	105	8.6	3.50
Pa.....	231	135	8.4	5.64	Miss.....	203	124	8.9	3.80
<b>E. N. Central</b> .....	240	141	8.6	6.35	<b>W. S. Central</b> .....	218	145	8.9	4.83
Ohio.....	223	144	8.2	5.94	Ark.....	220	142	9.2	4.73
Ind.....	219	143	8.6	6.17	La.....	203	144	8.7	4.41
Ill.....	238	162	8.9	6.94	Okla.....	215	152	8.9	6.23
Mich.....	226	143	8.2	6.69	Tex.....	220	145	9.0	5.02
Wis.....	260	122	8.6	5.56	<b>Mountain</b> .....	239	187	9.1	7.41
<b>W. N. Central</b> .....	239	148	9.2	6.75	Mont.....	239	176	9.3	8.16
Minn.....	240	132	9.2	6.84	Idaho.....	242	209	9.0	8.97
Iowa.....	243	147	8.9	7.29	Wyo.....	249	179	8.8	6.84
Mo.....	221	139	9.1	5.36	Colo.....	237	184	9.4	7.42
N. Dak.....	247	156	9.8	7.15	N. Mex.....	227	152	9.0	5.57
S. Dak.....	239	149	9.5	6.73	Ariz.....	233	220	9.3	7.16
Nebr.....	239	163	9.1	7.25	Utah.....	238	199	8.3	7.08
Kans.....	232	162	9.3	8.01	Nev.....	237	184	8.6	6.98
<b>S. Atlantic</b> .....	215	135	8.7	4.11	<b>Pacific</b> .....	225	248	9.0	9.11
Del.....	209	159	8.5	6.28	Wash.....	226	219	9.5	10.15
Md.....	233	151	8.5	5.89	Oreg.....	228	199	8.8	8.30
					Calif.....	224	265	8.9	8.92

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture*; 1954, Vol. II.

## No. 270.—FARM EMPLOYMENT AND WAGE RATES: 1930 TO 1958

[See also *Historical Statistics, 1789-1945*, series D 172-176 and E 61-68 for unrevised data]

YEAR OR MONTH	NUMBER OF WORKERS <sup>1</sup> (1,000)			FARM WAGE RATES <sup>2</sup>				Index of farm wage rates (1910-14 = 100)
	Total	Family <sup>3</sup>	Hired <sup>4</sup>	Per month		Per day		
				With board	Without board	With board	Without board	
1930.....	12, 497	9, 307	3, 190	37. 50	48. 00	1. 80	2. 15	175
1935.....	12, 733	9, 855	2, 878	22. 00	30. 50	1. 10	1. 35	110
1940.....	10, 979	8, 300	2, 679	27. 60	37. 50	1. 30	1. 60	131
1945.....	10, 000	7, 881	2, 119	79. 00	101. 00	3. 85	4. 35	366
1948.....	10, 363	8, 026	2, 337	99. 00	124. 00	4. 80	5. 40	445
1948 <sup>5</sup> .....				101. 00	122. 00	4. 50	4. 45	445
1949.....	9, 964	7, 712	2, 252	99. 00	121. 00	4. 45	4. 45	430
1950.....	9, 342	7, 252	2, 090	99. 00	121. 00	4. 45	4. 50	432
1951.....	8, 985	6, 997	1, 988	113. 00	137. 00	5. 00	5. 00	481
1952.....	8, 669	6, 748	1, 921	119. 00	146. 00	5. 30	5. 30	508
1953.....	8, 580	6, 645	1, 935	122. 00	151. 00	5. 40	5. 30	517
1954.....	8, 451	6, 521	1, 930	120. 00	151. 00	5. 30	5. 30	508
1955.....	8, 237	6, 341	1, 896	123. 00	154. 00	5. 40	5. 30	519
1956.....	7, 869	6, 018	1, 851	128. 00	161. 00	5. 60	5. 60	542
1957.....	7, 649	5, 807	1, 842	133. 00	168. 00	5. 80	5. 80	560
1958, March.....	6, 161	4, 972	1, 189	132. 00	165. 00	5. 40	5. 80	567

<sup>1</sup> Data are arithmetic means of monthly estimates of persons employed during last complete calendar week in each month ending at least one day before last of month.<sup>2</sup> Weighted averages of wage rates as reported quarterly by crop reporters. U. S. estimates affected by importance of rates in particular regions; see table 272.<sup>3</sup> Includes farm operators doing one or more hours of farm work and members of their families doing 15 hours or more of unpaid farm work during survey week.<sup>4</sup> Includes all persons doing one 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.<sup>5</sup> New series of wage rates began in 1948; for description of series, see *Farm Labor*, Dec. 1949.Source: Department of Agriculture, Agricultural Marketing Service; monthly report, *Farm Labor*.

## No. 271.—FARM EMPLOYMENT, BY GEOGRAPHIC DIVISIONS: 1940 TO 1957

[In thousands. Annual average number of persons employed during last full calendar week of each month]

GEOGRAPHIC DIVISION <sup>1</sup>	1940	1945	1950	1952	1953	1954	1955	1956	1957
<b>Total workers.....</b>	<b>10,979</b>	<b>10,000</b>	<b>9,342</b>	<b>8,669</b>	<b>8,580</b>	<b>8,451</b>	<b>8,237</b>	<b>7,869</b>	<b>7,649</b>
New England.....	235	225	179	169	174	176	168	170	168
Middle Atlantic.....	679	626	585	545	544	542	514	494	491
East North Central.....	1,604	1,471	1,400	1,332	1,319	1,307	1,261	1,225	1,204
West North Central.....	1,804	1,744	1,705	1,588	1,575	1,538	1,492	1,419	1,399
South Atlantic.....	2,110	1,880	1,708	1,574	1,519	1,520	1,472	1,387	1,336
East South Central.....	1,780	1,545	1,499	1,379	1,367	1,334	1,308	1,235	1,173
West South Central.....	1,662	1,597	1,231	1,087	1,091	1,058	1,053	972	931
Mountain.....	474	446	409	380	377	365	361	362	354
Pacific.....	631	666	626	615	614	611	608	605	593
<b>Hired workers <sup>2</sup>.....</b>	<b>2,679</b>	<b>2,119</b>	<b>2,090</b>	<b>1,921</b>	<b>1,935</b>	<b>1,930</b>	<b>1,896</b>	<b>1,851</b>	<b>1,842</b>
New England.....	75	65	56	55	59	60	58	60	61
Middle Atlantic.....	207	174	173	156	153	149	134	131	131
East North Central.....	319	214	208	194	190	195	184	179	179
West North Central.....	315	241	259	222	217	212	190	188	192
South Atlantic.....	488	358	374	351	348	359	354	348	349
East South Central.....	297	216	232	225	241	239	237	233	218
West South Central.....	504	375	338	282	292	287	301	285	284
Mountain.....	183	164	158	145	142	138	141	140	145
Pacific.....	291	312	292	291	293	291	288	287	283

<sup>1</sup> See table 264 for States comprising each division.<sup>2</sup> Includes all persons doing one 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: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

# FARM WAGE RATES

217

## No. 272.—FARM WAGE RATES, BY GEOGRAPHIC DIVISIONS: 1950 TO 1957

[Some wage rates in certain geographic divisions not obtained because seldom used; U. S. rates include estimates for these divisions]

GEOGRAPHIC DIVISION <sup>1</sup>	ANNUAL AVERAGE						1957			
	1950	1953	1954	1955	1956	1957	Jan. 1	Apr. 1	July 1	Oct. 1
<b>Per month with board and room:</b>										
United States.....	\$99.00	\$122.00	\$120.00	\$123.00	\$128.00	\$133.00	\$133.00	\$128.00	\$133.00	\$134.00
New England.....	95.00	119.00	121.00	127.00	139.00	146.00	144.00	144.00	147.00	147.00
Middle Atlantic.....	93.00	119.00	117.00	120.00	126.00	132.00	128.00	131.00	133.00	132.00
East North Central.....	94.00	120.00	119.00	121.00	126.00	132.00	127.00	131.00	133.00	132.00
West North Central.....	101.00	123.00	123.00	124.00	126.00	131.00	122.00	130.00	134.00	132.00
Mountain.....	124.00	150.00	148.00	151.00	155.00	159.00	158.00	158.00	162.00	159.00
Pacific.....	149.00	178.00	179.00	185.00	191.00	201.00	194.00	194.00	200.00	209.00
<b>Per month with house:</b>										
United States.....	121.00	151.00	151.00	154.00	161.00	168.00	165.00	159.00	177.00	168.00
New England.....	128.00	158.00	162.00	170.00	181.00	191.00	189.00	190.00	192.00	191.00
Middle Atlantic.....	128.00	163.00	165.00	168.00	178.00	186.00	182.00	186.00	185.00	188.00
East North Central.....	120.00	158.00	158.00	160.00	168.00	177.00	172.00	177.00	177.00	177.00
West North Central.....	124.00	153.00	154.00	155.00	161.00	167.00	158.00	166.00	170.00	168.00
Mountain.....	166.00	191.00	191.00	200.00	205.00	211.00	214.00	212.00	210.00	209.00
Pacific.....	190.00	231.00	233.00	239.00	250.00	259.00	252.00	255.00	258.00	268.00
<b>Per week with board and room:</b>										
United States.....	23.50	30.00	29.00	29.75	31.50	33.00	31.75	32.25	34.25	33.75
New England.....	25.00	33.25	32.25	34.00	37.75	39.75	38.75	38.75	40.25	40.50
Middle Atlantic.....	25.25	31.75	31.25	32.00	33.50	35.25	34.50	35.00	35.50	35.25
<b>Per week without board or room:</b>										
United States.....	31.00	37.75	37.50	38.00	39.50	41.25	39.75	40.75	42.50	41.00
New England.....	36.25	45.25	46.00	48.25	51.50	53.25	51.75	52.75	53.50	54.25
Middle Atlantic.....	34.75	43.50	43.50	44.25	46.25	48.25	47.50	48.25	48.75	48.25
<b>Per day with board and room:</b>										
United States.....	4.45	5.40	5.30	5.40	5.60	5.80	5.60	5.20	6.20	5.80
East North Central.....	4.80	6.00	6.00	6.10	6.40	6.60	6.40	6.50	6.70	6.70
West North Central.....	5.30	6.50	6.50	6.60	6.70	6.90	6.20	6.60	7.00	6.90
<b>Per day with house:</b>										
United States.....	3.50	4.10	4.10	4.20	4.45	4.60	4.75	4.50	4.50	4.75
South Atlantic.....	3.35	4.10	4.10	4.10	4.40	4.55	4.70	4.60	4.45	4.55
East South Central.....	2.85	3.35	3.30	3.40	3.60	3.70	3.65	3.70	3.70	3.75
West South Central.....	3.95	4.70	4.70	4.80	5.10	5.20	5.10	5.00	5.20	5.30
<b>Per day without board or room:</b>										
United States.....	4.50	5.30	5.30	5.30	5.60	5.80	5.80	5.60	5.70	6.30
New England.....	6.40	7.90	8.00	8.30	8.80	9.20	8.80	9.00	9.10	9.50
Middle Atlantic.....	6.20	7.60	7.40	7.70	8.10	8.50	8.20	8.30	8.60	8.50
East North Central.....	6.00	7.40	7.40	7.60	8.00	8.30	8.10	8.20	8.40	8.30
West North Central.....	6.70	8.10	8.00	8.00	8.20	8.50	7.80	8.20	8.70	8.50
South Atlantic.....	3.95	4.80	4.70	4.80	5.10	5.30	5.50	5.40	5.20	5.30
East South Central.....	3.40	4.00	3.90	4.00	4.20	4.35	4.30	4.30	4.35	4.40
West South Central.....	4.55	5.30	5.40	5.40	5.70	5.80	5.70	5.60	5.80	6.10
Mountain.....	6.60	7.70	7.50	7.80	8.00	8.40	8.00	8.20	8.50	8.40
<b>Per hour with house:</b>										
United States.....	.62	.75	.74	.74	.77	.80	.72	.67	.86	.94
South Atlantic.....	.45	.55	.56	.56	.58	.60	.60	.59	(2)	(2)
East South Central.....	.40	.46	.45	.47	.49	.51	.50	.50	(2)	(2)
West South Central.....	.48	.56	.57	.58	.61	.63	.62	.59	(2)	(2)
Pacific.....	.86	1.00	1.00	1.01	1.05	1.08	1.06	1.07	1.08	1.08
<b>Per hour without board or room:</b>										
United States.....	.69	.82	.81	.82	.86	.88	.95	.92	.93	.84
New England.....	.85	1.02	1.01	1.03	1.10	1.12	1.10	1.11	1.12	1.12
Middle Atlantic.....	.81	.97	.96	.98	1.03	1.07	1.03	1.05	1.06	1.08
East North Central.....	.83	1.00	.99	1.01	1.04	1.06	1.04	1.05	1.06	1.06
West North Central.....	.86	1.01	.99	.99	1.01	1.02	.99	1.00	1.03	1.02
South Atlantic.....	.60	.61	.61	.62	.66	.68	.72	.70	.66	.68
East South Central.....	.46	.54	.52	.54	.59	.58	.59	.59	.57	.58
West South Central.....	.57	.66	.65	.68	.71	.73	.73	.70	.71	.74
Mountain.....	.82	.96	.92	.95	.96	1.00	.92	.97	1.02	1.00
Pacific.....	.92	1.08	1.07	1.09	1.14	1.15	1.14	1.15	1.16	1.15

<sup>1</sup> See table 264 for States comprising each division.

<sup>2</sup> Not available.

# No. 273.—MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS: 1950 TO 1958

[In thousands of persons 14 years old and over. As of April. See headnote, table 254]

MAJOR OCCUPATION GROUP AND CLASS OF WORKER	1950	1955	1956	1957 <sup>1</sup>	1958		
					Total	Male	Female
MAJOR OCCUPATION GROUP							
Employed, total.....	58,668	61,685	63,990	64,261	62,907	42,282	20,625
Professional, technical, and kindred workers.....	4,457	5,646	6,053	6,469	6,998	4,413	2,584
Farmers and farm managers.....	4,596	3,795	3,882	3,381	3,138	3,012	126
Managers, officials, and proprietors, except farm.....	6,379	6,018	6,295	6,754	6,675	5,619	1,057
Clerical and kindred workers.....	7,657	8,114	9,056	9,264	9,032	2,790	6,241
Sales workers.....	3,887	4,027	4,402	4,193	4,104	2,628	1,478
Craftsmen, foremen, and kindred workers.....	7,500	8,249	8,490	8,702	8,449	8,230	220
Operatives and kindred workers.....	11,930	12,821	12,861	12,100	10,996	8,010	2,985
Private household workers.....	1,923	1,881	2,142	2,251	2,346	58	2,280
Service workers, except private household.....	4,773	5,205	5,309	5,393	5,500	2,646	2,854
Farm laborers and foremen.....	2,424	2,218	2,381	2,113	2,169	1,481	688
Laborers, except farm and mine.....	3,142	3,711	3,520	3,640	3,499	3,394	105
CLASS OF WORKER							
Employed in agriculture.....	7,195	6,215	6,387	5,755	5,558	4,704	855
Wage and salary workers.....	1,348	1,368	1,324	1,322	1,415	1,233	182
Self-employed workers.....	4,564	3,756	3,806	3,384	3,165	3,028	137
Unpaid family workers.....	1,284	1,091	1,257	1,049	978	442	536
Employed in nonagricultural industries.....	51,473	55,470	57,603	58,506	57,349	37,578	19,770
Wage and salary workers.....	45,032	49,130	51,037	51,888	50,638	32,541	18,097
In private households.....	1,080	2,151	2,298	2,480	2,547	342	2,205
Government workers.....	6,155	6,081	6,010	7,204	7,575	4,531	3,044
Other wage and salary workers.....	36,898	39,997	41,820	42,195	40,516	27,668	12,848
Self-employed workers.....	6,050	5,781	6,005	6,017	6,140	4,977	1,163
Unpaid family workers.....	391	560	562	600	571	60	511

<sup>1</sup> See footnote 2, table 254.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-57.

# No. 274.—MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX: 1940 AND 1950

[In thousands of persons 14 years old and over]

MAJOR OCCUPATION GROUP AND CLASS OF WORKER	TOTAL		MALE		FEMALE	
	1940	1950	1940	1950	1940	1950
<b>Total.....</b>	<b>44,888</b>	<b>56,239</b>	<b>33,750</b>	<b>40,519</b>	<b>11,138</b>	<b>15,720</b>
<b>MAJOR OCCUPATION GROUP</b>						
Professional, technical, and kindred workers.....	3,566	4,910	2,075	2,971	1,491	1,940
Farmers and farm managers.....	5,144	4,309	4,992	4,192	152	116
Managers, officials, and proprietors, except farm.....	3,620	5,018	3,231	4,341	389	677
Clerical and kindred workers.....	4,371	6,895	2,013	2,603	2,358	4,293
Sales workers.....	3,072	3,927	2,261	2,597	811	1,330
Craftsmen, foremen, and kindred workers.....	5,152	7,783	5,030	7,547	122	236
Operatives and kindred workers.....	8,052	11,140	6,032	8,120	2,020	3,020
Private household workers.....	2,083	1,408	114	73	1,969	1,335
Service workers, except private household.....	3,188	4,287	1,962	2,372	1,226	1,914
Farm laborers, except unpaid, and foremen.....	1,934	1,490	1,836	1,358	98	132
Farm laborers, unpaid family workers.....	1,165	910	942	593	223	317
Laborers, except farm and mine.....	3,123	3,431	3,017	3,303	106	127
Occupation not reported.....	418	732	245	449	173	283
<b>CLASS OF WORKER</b>						
Private wage and salary workers.....	30,121	40,038	21,657	27,793	8,464	12,244
Government workers.....	3,667	5,496	2,256	3,466	1,311	2,029
Self-employed workers.....	9,758	9,591	8,819	8,624	939	967
Unpaid family workers.....	1,443	1,115	1,019	636	424	479

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II. Part 1.

# No. 275.—EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION, BY COLOR AND SEX: 1957 AND 1958

[In thousands of persons 14 years old and over. See headnote, table 254]

EMPLOYMENT STATUS	MALE				FEMALE			
	White		Nonwhite		White		Nonwhite	
	1957	March 1958	1957	March 1958	1957	March 1958	1957	March 1958
<b>Total</b> .....	50,537	51,108	5,510	5,581	55,328	55,873	6,270	6,344
Civilian labor force.....	41,428	41,072	4,454	4,437	19,212	19,228	2,852	2,772
Employed.....	39,909	38,016	4,080	3,751	18,381	18,122	2,641	2,422
Agriculture.....	4,359	3,846	678	581	896	547	289	99
Nonagricultural industries.....	35,550	34,170	3,402	3,170	17,484	17,575	2,352	2,323
Unemployed.....	1,519	3,056	374	686	832	1,106	211	349
Not in labor force.....	9,109	10,036	1,056	1,143	36,116	36,645	3,418	3,573

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50 and P-57.

# No. 276.—PERCENT DISTRIBUTION OF THE EMPLOYED PERSONS, BY COLOR AND MAJOR OCCUPATION GROUP: 1948 TO 1958

[See headnote, table 254. Annual averages based on data for four quarterly months, January, April, July, and October. Occupation data not tabulated in other months]

MAJOR OCCUPATION GROUP	WHITE					NONWHITE				
	1948	1955	1956	1957	April 1958	1948	1955	1956	1957	April 1958
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers.....	7.2	9.8	10.1	10.7	11.9	2.4	3.5	3.3	3.6	4.3
Farmers and farm operators.....	7.8	6.0	5.7	5.2	5.1	8.5	5.0	4.6	4.1	4.1
Managers, officials, and proprietors, except farm.....	11.6	11.1	11.0	11.2	11.5	2.3	2.3	2.1	2.1	2.5
Clerical and kindred workers.....	13.6	14.2	14.6	15.0	15.3	3.3	4.9	5.0	5.9	6.0
Sales workers.....	6.7	6.9	6.9	7.0	7.1	1.1	1.3	1.1	1.2	1.4
Craftsmen, foremen, and kindred workers.....	14.6	14.1	14.3	14.2	14.3	5.3	5.2	5.5	5.6	5.5
Operatives and kindred workers.....	21.0	20.2	19.5	19.1	17.2	20.1	20.9	21.5	20.9	20.1
Private household workers.....	1.5	1.8	2.0	1.9	2.3	15.6	14.8	14.8	14.9	16.3
Service workers except private household.....	6.4	7.2	7.4	7.5	7.7	14.7	16.8	17.4	17.1	18.0
Farm laborers and foremen.....	4.6	3.9	3.8	3.6	3.0	12.5	9.5	9.9	9.7	7.2
Laborers, except farm and mine.....	4.9	4.7	4.6	4.6	4.6	14.3	15.8	14.6	14.9	14.5

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 66, and records.

# No. 277.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS, BY SEX: 1940 AND 1950

[In thousands of persons 14 years old and over]

MAJOR INDUSTRY GROUP	TOTAL		MALE		FEMALE	
	1940	1950	1940	1950	1940	1950
<b>Total</b> .....	44,888	56,239	33,750	40,519	11,138	15,720
Agriculture, forestry, and fisheries.....	8,496	7,005	8,008	6,412	489	593
Mining.....	914	929	903	906	11	23
Construction.....	2,075	3,440	2,039	3,342	36	98
Manufacturing.....	10,568	14,576	8,243	10,933	2,325	3,642
Transportation, communication, and other public utilities.....	3,108	4,368	2,767	3,688	340	681
Wholesale and retail trade.....	7,546	10,548	5,518	6,999	2,028	3,549
Finance, insurance, and real estate.....	1,472	1,916	1,016	1,136	456	780
Business and repair services.....	891	1,411	812	1,229	79	183
Personal services.....	3,975	3,489	1,137	1,150	2,838	2,329
Entertainment and recreation services.....	420	554	335	413	84	141
Professional and related services.....	3,290	4,674	1,424	1,957	1,866	2,718
Public administration.....	1,406	2,489	1,098	1,837	309	652
Industry not reported.....	728	840	451	509	277	331

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II.

## No. 278.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950

[Persons 14 years old and over. "N. e. c." means not elsewhere classified. For definition of "Employed," see text, p. 199]

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Total employed</b> .....	<b>40,510,176</b>	<b>15,715,164</b>	<b>Managers, officials, and proprietors, excluding farm</b> .....	<b>4,340,687</b>	<b>676,778</b>
<b>Professional, technical, and kindred workers</b> .....	<b>2,970,256</b>	<b>1,938,985</b>	Buyers and department heads, store.....	106,026	36,133
Accountants and auditors.....	320,799	55,660	Buyers and shippers, farm products.....	27,576	590
Actors and actresses.....	9,809	5,077	Conductors, railroad.....	55,359	352
Airplane pilots and navigators.....	13,535	185	Credit men.....	25,748	7,151
Architects.....	23,823	933	Floormen and floor managers, store.....	5,815	4,995
Artists and art teachers.....	47,907	29,566	Inspectors, public admin.....	53,639	2,266
Athletes.....	10,867	705	Federal public administration and postal service.....	26,018	832
Authors.....	9,592	6,069	State public administration.....	9,125	358
Chemists.....	66,982	7,451	Local public administration.....	18,496	1,076
Chiropractors.....	11,061	1,842	Managers and superintendents, building.....	43,331	22,385
Clergymen.....	160,694	6,777	Officers, pilots, pursers, and engineers, ship.....	36,975	1,129
College presidents, professors, and instructors (n. e. c.).....	95,779	28,907	Officials and administrators (n. e. c.), public admin.....	127,535	26,322
Dancers and dancing teachers.....	4,659	11,438	Federal public administration and postal service.....	44,205	5,315
Dentists.....	72,810	2,045	State public administration.....	20,336	2,798
Designers.....	28,517	10,203	Local public administration.....	62,994	18,209
Dietitians and nutritionists.....	1,841	21,059	Officials, lodge, society, union, etc.....	23,760	2,885
Draftsmen.....	113,298	8,370	Postmasters.....	22,032	16,668
Editors and reporters.....	60,730	28,595	Purchasing agents and buyers (n. e. c.).....	57,316	5,718
Engineers, technical.....	518,781	6,475	Managers, officials, and proprietors (n. e. c.)—salaried.....	1,573,614	213,749
Aeronautical.....	17,304	381	Construction.....	83,602	1,981
Chemical.....	31,893	629	Manufacturing.....	386,146	26,315
Civil.....	121,386	1,932	Transportation.....	92,419	3,426
Electrical.....	105,278	1,237	Telecommunications, and utilities and sanitary services.....	55,390	5,978
Industrial.....	39,760	450	Wholesale trade.....	148,097	8,996
Mechanical.....	109,588	576	Retail trade.....	435,359	78,478
Metallurgical, and metallurgists.....	11,099	241	Food and dairy products stores, and milk retailing.....	89,384	12,321
Mining.....	10,656	109	General merchandise and five and ten cent stores.....	46,191	13,248
Not elsewhere classified.....	71,827	970	Apparel and accessories stores.....	28,483	13,619
Entertainers (n. e. c.).....	10,643	4,293	Furniture, home furnishings, and equip. stores.....	25,048	2,530
Farm and home management advisors.....	6,210	6,032	Motor vehicles and accessories retailing.....	54,510	1,912
Foresters and conservationists.....	25,297	830	Gasoline service stations.....	34,791	823
Funeral directors and embalmers.....	36,757	2,643	Eating and drinking places.....	49,337	19,403
Lawyers and judges.....	174,205	6,256	Hardware, farm implements, and building material retail.....	42,088	1,571
Librarians.....	6,303	49,027	Other retail trade.....	65,527	13,351
Musicians and music teachers.....	75,612	77,844	Banking and other finance.....	106,354	12,361
Natural scientists (n. e. c.).....	34,229	5,839	Insurance and real estate.....	58,568	11,574
Nurses, professional.....	9,813	388,921	Business services.....	22,598	5,068
Nurses, student professional.....	1,572	74,574	Automobile repair services and garages.....	23,329	400
Optometrists.....	13,758	838	Miscellaneous repair services.....	4,103	227
Osteopaths.....	4,366	783	Personal services.....	43,270	21,737
Personnel and labor relations workers.....	37,070	15,016	All other industries (incl. not reported).....	114,379	37,209
Pharmacists.....	80,855	7,261	Managers, officials, and proprietors (n. e. c.)—self-employed.....	2,181,961	336,435
Photographers.....	43,401	9,088	Construction.....	196,837	2,644
Physicians and surgeons.....	180,233	11,714	Manufacturing.....	222,977	14,491
Radio operators.....	14,429	1,482	Transportation.....	48,877	2,402
Recreation and group workers.....	9,353	6,693	Telecommunications, and utilities and sanitary services.....	5,467	256
Religious workers.....	12,593	28,838	Wholesale trade.....	170,574	7,354
Social and welfare workers, except group.....	23,263	52,224	Retail trade.....	1,172,885	241,661
Social scientists.....	23,828	11,373	Food and dairy products stores, and milk retailing.....	326,907	71,078
Sports instructors and officials.....	38,854	11,133	General merchandise and five and ten cent stores.....	51,169	14,029
Surveyors.....	24,375	946			
Teachers (n. e. c.).....	285,609	834,906			
Technicians, medical and dental.....	33,052	43,271			
Technicians, testing.....	58,707	16,800			
Technicians (n. e. c.).....	22,639	4,243			
Therapists and healers (n. e. c.).....	12,347	12,077			
Veterinarians.....	12,547	832			
Professional, technical, and kindred workers (n. e. c.).....	92,552	21,771			
<b>Farmers and farm managers</b> .....	<b>4,189,882</b>	<b>116,371</b>			
Farmers (owners and tenants).....	4,187,234	114,179			
Farm managers.....	32,648	2,192			

## No. 278.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950—Continued

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Managers, etc.—Con.</b>			<b>Craftsmen, foremen, and kindred workers.....</b>	<b>7,537,016</b>	<b>235,544</b>
Managers, officials, and proprietors (n. e. c.)—self-employed—Continued			Bakers.....	105,790	14,007
Retail trade—Continued			Blacksmiths.....	43,295	200
Apparel and accessories stores.....	58,798	25,878	Boilermakers.....	35,178	318
Furniture, home furnishings, and equipment stores.....	62,565	5,686	Bookbinders.....	13,684	17,487
Motor vehicles and accessories retailing.....	58,277	1,531	Brickmasons, stonemasons, and tile setters.....	164,399	924
Gasoline service stations.....	141,088	5,416	Cabinetmakers.....	72,224	1,064
Eating and drinking places.....	212,771	75,831	Carpenters.....	907,728	4,809
Hardware, farm implement, and building material retail.....	80,738	4,182	Cement and concrete finishers.....	29,293	185
Other retail trade.....	180,572	38,030	Compositors and typesetters.....	164,366	11,077
Banking and other finance.....	20,883	1,029	Cranemen, derrickmen, and hoistmen.....	102,188	777
Insurance and real estate.....	38,962	5,939	Decorators and window dressers.....	30,339	13,003
Business services.....	29,065	4,766	Electricians.....	307,013	2,217
Automobile repair services and garages.....	59,030	1,069	Electrotypers and stereotypers.....	11,317	435
Miscellaneous repair services.....	28,276	1,310	Engravers, except photoengravers.....	8,499	1,233
Personal services.....	104,980	39,293	Excavating, grading, and road machinery operators.....	104,855	496
All other industries (incl. not reported).....	83,148	14,221	Foremen (n. e. c.).....	775,114	67,955
<b>Clerical and kindred workers.....</b>	<b>2,602,610</b>	<b>4,291,764</b>	Construction.....	58,316	267
Agents (n. e. c.).....	104,961	19,296	Manufacturing.....	460,302	50,342
Attendants and assistants, library.....	3,160	9,085	Metal industries.....	81,581	1,726
Attendants, physician's and dentist's office.....	2,028	38,783	Machinery, including electrical.....	75,469	4,720
Baggage men, transportation.....	7,762	153	Transportation equipment.....	49,085	851
Bank tellers.....	35,332	28,648	Other durable goods.....	69,897	5,611
Bookkeepers.....	164,748	556,229	Textiles, textile products, and apparel.....	47,922	21,036
Cashiers.....	42,842	183,586	Other nondurable goods (incl. not spec. mfg.).....	136,348	16,398
Collectors, bill and account.....	19,918	3,450	Railroads and railway express service.....	53,685	247
Dispatchers and starters, vehicle.....	27,217	3,544	Transportation, exc. railroad.....	19,585	235
Express messengers and railway mail clerks.....	18,409	279	Telecommunications, and utilities and sanitary serv.....	39,227	985
Mail carriers.....	161,702	3,460	Other industries (incl. not reported).....	143,999	15,879
Messengers and office boys.....	45,289	10,098	Forgemen and hammermen.....	12,864	260
Office machine operators.....	25,149	116,917	Furriers.....	9,429	1,585
Shipping and receiving clerks.....	264,608	19,883	Glaziers.....	9,959	324
Stenographers, typists, and secretaries.....	88,390	1,501,090	Heat treaters, annealers, and temperers.....	17,495	255
Telegraph messengers.....	6,427	751	Inspectors, scalers, and graders, log and lumber.....	16,461	738
Telegraph operators.....	26,891	7,440	Inspectors (n. e. c.).....	89,062	6,728
Telephone operators.....	16,155	341,706	Construction.....	7,949	84
Ticket, station, and express agents.....	51,634	7,656	Railroads and railway express service.....	36,624	159
Clerical and kindred workers (n. e. c.).....	1,489,988	1,439,710	Transport, exc. r. r., communication, and other public utilities.....	11,975	488
<b>Sales workers.....</b>	<b>2,596,786</b>	<b>1,329,724</b>	Other industries (incl. not reported).....	32,514	5,997
Advertising agents and salesmen.....	27,813	4,572	Jewelers, watchmakers, goldsmiths, and silversmiths.....	43,226	2,461
Auctioneers.....	4,826	454	Job setters, metal.....	24,147	300
Demonstrators.....	2,415	10,950	Linemen and servicemen, telegraph, telephone, and power.....	267,752	4,935
Hucksters and peddlers.....	18,871	3,079	Locomotive engineers.....	72,412	430
Insurance agents and brokers.....	278,120	25,913	Locomotive firemen.....	53,944	196
Newsboys.....	92,301	3,867	Loom fixers.....	29,953	340
Real estate agents and brokers.....	120,325	20,277	Machinists.....	505,095	8,130
Stock and bond salesmen.....	9,886	1,086	Mechanics and repairmen.....	1,685,514	20,961
Salesmen and sales clerks (n. e. c.).....	2,042,229	1,259,526	Airplane.....	69,567	1,147
Manufacturing.....	298,271	22,452	Automobile.....	646,525	4,082
Wholesale trade.....	391,757	15,062	Office machine.....	15,657	238
Retail trade.....	1,253,109	1,192,323	Radio and television.....	72,794	2,027
Other industries (incl. not reported).....	99,092	29,689	Railroad and car shop.....	47,252	221
			Not elsewhere classified.....	833,719	13,246

## No. 278.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950—Continued

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Craftsmen, etc.—Con.</b>			<b>Operatives, etc.—Con.</b>		
Millers, grain, flour, feed, etc.	9,534	67	Crude petroleum and natural gas extraction	102,159	452
Millwrights	57,705	241	Mine operatives and laborers (n. e. c.)—Continued		
Molders, metal	39,879	667	Mining and quarrying, except fuel	105,736	2,948
Motion picture projectionists	25,625	482	Motormen, mine, factory, logging camp, etc.	23,637	214
Opticians, and lens grinders and polishers	10,643	2,518	Motormen, street, subway, and elevated railway	26,190	350
Painters, construction and maintenance	381,994	8,091	Oilers and greasers, except auto.	57,842	934
Paperhangers	17,994	2,941	Painters, except construction and maintenance	103,325	13,354
Pattern and model makers, except paper	34,663	1,204	Photographic process workers	15,556	12,463
Photoengravers and lithographers	27,449	1,062	Power station operators	20,642	829
Piano and organ tuners and repairmen	7,478	266	Sailors and deck hands	39,533	754
Plasterers	50,819	492	Sawyers	91,835	1,887
Plumbers and pipe fitters	275,892	1,972	Spinners, textile	20,239	60,589
Pressmen and plate printers, printing	46,998	2,126	Stationary firemen	120,742	1,105
Rollers and roll hands, metal	20,700	659	Switchmen, railroad	60,837	476
Roofers and slaters	44,126	237	Taxicab drivers and chauffeurs	198,681	3,409
Shoemakers and repairers, except factory	54,060	2,149	Truck and tractor drivers	1,321,131	8,051
Stationary engineers	212,504	1,434	Weavers, textile	59,316	38,593
Stone cutters and stone carvers	8,477	226	Welders and flame-cutters	250,890	9,415
Structural metal workers	48,963	267			
Tailors and tailoresses	60,435	10,018	Operatives and kindred workers (n. e. c.)	3,741,370	2,378,212
Tinsmiths, coppermiths, and sheet metal workers	121,600	1,163	Manufacturing	3,190,517	2,214,989
Toolmakers, and die makers and setters	151,587	1,059	Durable goods	1,773,109	634,360
Upholsterers	55,942	5,219	Sawmills, planing mills, and misc. wood products	169,200	15,623
Craftsmen and kindred workers (n. e. c.)	68,385	1,124	Furniture and fixtures	97,561	26,255
Members of the Armed Forces			Stone, clay, and glass products	135,397	46,815
<b>Operatives and kindred workers</b>			Metal industries	431,352	91,867
	8,127,433	3,018,787	Machinery, exc. electrical	282,084	61,327
Apprentices	112,053	3,168	Electrical machinery, equipment, and supplies	154,615	179,946
Auto mechanics	3,546	147	Transportation equipment	361,247	66,097
Bricklayers and masons	6,122	22	Professional and photographic equipment, and watches	39,371	35,161
Carpenters	9,890	82	Miscellaneous manufacturing industries	102,282	111,269
Electricians	8,776	78	Nondurable goods	1,397,664	1,562,915
Machinists and toolmakers	15,126	159	Food and kindred products	303,469	186,337
Mechanics, except auto	5,822	460	Tobacco manufactures	18,455	43,200
Plumbers and pipe fitters	11,387	533	Textile mill products	310,295	354,786
Building trades (n. e. c.)	3,967	30	Apparel and other fabricated textile products	156,498	655,351
Metalworking trades (n. e. c.)	6,551	71	Paper and allied products	147,559	70,829
Printing trades	14,817	393	Printing, publishing, and allied industries	41,799	33,136
Other specified trades	12,130	472	Chemicals and allied products	141,858	41,402
Trade not specified	13,919	721	Petroleum and coal products	51,206	1,416
Asbestos and insulation workers	14,791	405	Rubber products	82,835	36,259
Attendants, auto service and parking	229,381	6,633	Leather and leather products	143,690	140,199
Blasters and powdermen	10,818	91	Not specified manufacturing industries	19,744	17,714
Boatmen, canalmen, and lock keepers	7,901	203	Nonmanufacturing industries (incl. not reported)	550,853	163,223
Brakemen, railroad	78,123	304	Construction	62,633	1,387
Bus drivers	150,058	4,951	Railroads and railway express service	80,697	1,154
Chainmen, rodmen, and axmen, surveying	6,789	163	Transportation, except railroad	29,744	4,590
Conductors, bus and street railway	11,073	208	Telecommunications, and utilities and sanitary services	46,516	3,284
Deliverymen and routemen	234,281	4,270	Wholesale and retail trade	176,654	107,834
Dressmakers and seamstresses, except factory	3,809	134,310	Business and repair services	42,096	6,631
Dyers	23,167	1,043	Personal services	8,699	11,168
Filters, grinders, and polishers, metal	141,021	6,703	Public administration	44,077	6,207
Fruit, nut, and vegetable graders and packers, exc. factory	11,451	17,294	All other industries (incl. not reported)	49,837	20,968
Furnacemen, smeltermen, and pourers	54,153	1,239			
Heaters, metal	8,854	416			
Laundry and dry cleaning operatives	140,802	287,533			
Meat cutters, except slaughter and packing house	167,153	3,471			
Milliners	1,305	11,034			
Mine operatives and laborers (n. e. c.)	568,684	4,713			
Coal mining	360,789	1,313			



No. 278.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950—Continued

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Private household workers</b> .....	<b>73, 156</b>	<b>1, 334, 310</b>	<b>Laborers, except farm and mine</b> .....	<b>3, 290, 253</b>	<b>126, 979</b>
Housekeepers, private household.....	5, 258	134, 453	Fishermen and oystermen.....	66, 572	969
Living in.....	567	52, 188	Garage laborers, car washers and greasers.....	62, 859	2, 223
Living out.....	4, 691	82, 265	Gardeners, except farm, and groundskeepers.....	142, 227	3, 292
Laundresses, private household.....	2, 203	68, 978	Longshoremen and stevedores.....	62, 003	666
Living in.....	5	638	Lumbermen, raftsmen, and wood choppers.....	170, 495	1, 580
Living out.....	2, 198	68, 340	Teamsters.....	20, 851	314
Private household workers (n. e. c.).....	65, 695	1, 130, 879	Laborers (n. e. c.).....	2, 765, 246	117, 935
Living in.....	11, 952	150, 190	Manufacturing.....	1, 023, 986	67, 454
Living out.....	53, 743	980, 689	Durable goods.....	656, 618	29, 621
<b>Service workers, except private household</b> .....	<b>2, 373, 410</b>	<b>1, 914, 293</b>	Sawmills, planing mills, and misc. wood products.....	152, 276	3, 905
Attendants, hospital and other institution.....	83, 117	121, 261	Furniture and fixtures.....	18, 331	1, 405
Attendants, professional and personal service (n. e. c.).....	16, 014	31, 587	Stone, clay, and glass products.....	74, 662	3, 047
Attendants, recreation and amusement.....	54, 070	4, 756	Metal industries.....	255, 548	8, 017
Barbers, beauticians, and manicurists.....	192, 595	189, 870	Machinery, exc. electrical.....	51, 416	1, 979
Bartenders.....	180, 036	13, 431	Electrical machinery, equipment, and supplies.....	24, 640	4, 901
Boarding and lodging housekeepers.....	7, 793	21, 052	Transportation equip.....	63, 481	2, 659
Bootblacks.....	13, 376	465	Professional and photographic equipment and watches.....	3, 622	755
Charwomen and cleaners.....	47, 196	72, 116	Misc. manufacturing industries.....	12, 642	2, 953
Cooks, except private household.....	192, 340	242, 422	Nondurable goods.....	359, 337	36, 812
Counter and fountain workers.....	42, 120	44, 423	Food and kindred prod.....	130, 616	10, 836
Elevator operators.....	62, 160	26, 929	Tobacco manufactures.....	5, 417	1, 687
Firemen, fire protection.....	109, 416	444	Textile mill products.....	51, 813	8, 363
Guards, watchmen, and doorkeepers.....	231, 987	5, 216	Apparel and other fabricated textile products.....	6, 510	3, 867
Housekeepers and stewards, except private household.....	22, 924	82, 904	Paper and allied products.....	40, 946	3, 107
Janitors and sextons.....	401, 327	53, 195	Printing, publishing, and allied industries.....	9, 963	1, 178
Marshals and constables.....	6, 312	132	Chemical and allied prod.....	60, 526	2, 657
Midwives.....	286	1, 391	Petroleum and coal products.....	23, 677	307
Policemen and detectives.....	188, 663	3, 501	Rubber products.....	13, 893	2, 110
Government.....	169, 969	2, 368	Leather and leather products.....	10, 976	2, 700
Private.....	18, 694	1, 133	Not specified manufacturing industries.....	8, 031	1, 021
Porters.....	158, 261	3, 630	Nonmanufacturing industries (incl. not reported).....	1, 741, 260	50, 481
Practical nurses.....	5, 598	130, 304	Construction.....	649, 341	5, 045
Sheriffs and bailiffs.....	17, 710	755	Railroads and railway express service.....	256, 389	6, 484
Ushers, recreation and amusement.....	15, 430	7, 836	Transportation, except railroad.....	102, 188	2, 124
Waiters and waitresses.....	119, 263	545, 565	Telecommunications, and utilities and sanitary services.....	124, 132	1, 528
Watchmen (crossing) and bridge tenders.....	11, 044	457	Wholesale and retail trade.....	235, 363	16, 954
Service workers, except private household (n. e. c.).....	194, 372	310, 601	Business and repair services.....	12, 864	587
<b>Farm laborers and foremen</b> .....	<b>1, 950, 453</b>	<b>449, 336</b>	Personal services.....	65, 523	6, 183
Farm foremen.....	16, 295	446	Public administration.....	95, 693	2, 502
Farm laborers, wage workers.....	1, 333, 270	130, 327	All other industries (incl. not reported).....	139, 762	9, 074
Farm laborers, unpaid family workers.....	592, 778	317, 578	<b>Occupation not reported</b> .....	<b>458, 229</b>	<b>282, 293</b>
Farm service laborers, self-employed.....	8, 115	985			

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II.

**No. 279.—MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS, BY STATES: 1950**

STATE	Total employed	MAJOR OCCUPATION GROUP							
		Professional, technical, and kindred workers	Farmers and farm managers	Managers, officials, and proprietors, exc. farm	Clerical and kindred workers	Sales workers	Crafts-men, fore-men, and kindred workers	Operatives and kindred workers	Private household workers
<b>U. S.</b>	<b>56,239,449</b>	<b>4,910,208</b>	<b>4,308,535</b>	<b>5,018,036</b>	<b>6,895,323</b>	<b>3,926,816</b>	<b>7,782,990</b>	<b>11,140,214</b>	<b>1,407,817</b>
<b>Regions:</b>									
Northeast	15,440,372	1,502,967	279,056	1,471,201	2,262,323	1,106,392	2,300,493	3,719,082	321,842
N. Central	17,225,904	1,437,207	1,638,834	1,450,900	2,148,016	1,205,104	2,474,676	3,418,863	285,510
South	16,498,650	1,235,587	2,014,070	1,326,817	1,586,335	1,053,339	1,966,978	2,951,880	662,978
West	7,065,523	734,387	376,575	769,118	908,649	561,981	1,040,843	1,050,389	137,487
<b>N. E.</b>	<b>3,611,810</b>	<b>345,235</b>	<b>65,304</b>	<b>318,565</b>	<b>488,972</b>	<b>258,582</b>	<b>550,588</b>	<b>966,008</b>	<b>64,969</b>
Maine	312,326	32,684	16,857	27,177	29,374	21,249	40,866	79,214	7,005
N. H.	202,681	16,437	7,280	17,222	20,314	12,968	29,191	61,966	4,003
Vt.	137,277	11,749	13,648	11,786	13,900	8,140	17,538	25,982	4,333
Mass.	1,826,707	187,275	14,423	161,086	270,006	139,287	276,934	478,347	29,484
R. I.	304,512	24,164	1,941	25,879	38,511	20,915	47,438	100,386	4,145
Conn.	827,807	81,026	11,255	75,415	116,867	56,055	138,621	220,113	15,999
<b>M. A.</b>	<b>11,838,062</b>	<b>1,157,732</b>	<b>213,752</b>	<b>1,152,636</b>	<b>1,763,351</b>	<b>847,810</b>	<b>1,749,905</b>	<b>2,753,074</b>	<b>256,873</b>
N. Y.	5,944,261	629,350	97,661	648,087	981,524	441,860	816,059	1,233,293	140,296
N. J.	1,962,632	198,887	21,834	200,785	293,054	132,422	311,033	473,736	40,688
Pa.	3,931,169	329,495	94,357	303,764	488,773	273,528	622,813	1,046,045	75,889
<b>E. N. C.</b>	<b>11,872,955</b>	<b>1,008,134</b>	<b>713,015</b>	<b>985,228</b>	<b>1,556,191</b>	<b>830,627</b>	<b>1,845,371</b>	<b>2,695,295</b>	<b>197,809</b>
Ohio	3,059,605	263,909	145,180	253,254	394,279	223,503	505,204	704,817	56,392
Ind.	1,518,442	116,612	126,673	119,759	170,795	101,616	233,144	352,538	26,170
Ill.	3,546,051	318,046	173,318	315,459	551,215	247,903	528,707	747,559	54,892
Mich.	2,393,574	202,723	113,410	189,498	294,244	167,991	392,064	619,125	40,125
Wis.	1,355,283	107,844	164,434	107,258	145,658	89,014	186,252	271,256	19,730
<b>W. N. C.</b>	<b>5,352,949</b>	<b>429,133</b>	<b>925,819</b>	<b>465,672</b>	<b>591,825</b>	<b>374,477</b>	<b>629,305</b>	<b>723,568</b>	<b>87,701</b>
Minn.	1,143,872	98,769	171,070	100,086	136,156	81,213	141,905	158,550	17,592
Iowa	1,002,180	76,658	198,938	83,671	97,427	70,203	113,281	129,588	16,263
Mo.	1,521,817	117,783	191,143	132,747	195,693	110,748	183,202	263,961	29,149
N. Dak.	223,542	16,527	67,782	18,265	16,064	12,881	18,986	13,616	2,602
S. Dak.	242,268	18,690	67,787	20,719	18,156	14,589	22,051	18,989	3,136
Nebr.	511,649	41,015	107,830	44,129	52,995	35,164	55,945	51,113	7,255
Kans.	707,621	59,791	120,369	66,055	75,334	49,679	93,935	87,951	11,704
<b>S. A.</b>	<b>7,656,503</b>	<b>584,298</b>	<b>702,714</b>	<b>596,027</b>	<b>785,027</b>	<b>486,636</b>	<b>929,564</b>	<b>1,546,628</b>	<b>333,907</b>
Del.	120,637	13,227	5,959	10,809	10,038	7,454	19,768	23,647	4,802
Md.	894,775	89,107	27,740	78,826	128,030	63,154	142,610	163,089	31,453
D. C.	373,490	51,020	150	26,717	109,135	21,247	36,256	36,102	18,561
Va.	1,150,164	94,690	102,057	89,230	128,273	72,872	152,294	223,106	43,999
N. Va.	628,157	46,701	37,225	46,416	52,855	38,974	90,506	194,005	12,078
N. C.	1,463,352	86,427	226,531	93,990	97,660	85,030	152,536	351,083	55,943
S. C.	755,378	44,656	105,401	44,325	43,593	41,808	74,745	172,371	40,330
Ga.	1,254,935	78,096	157,318	89,538	106,965	75,577	128,420	248,512	74,390
Fla.	1,009,615	81,374	40,243	116,230	102,475	80,520	132,429	134,313	52,351
<b>E. S. C.</b>	<b>3,838,789</b>	<b>247,316</b>	<b>715,768</b>	<b>261,865</b>	<b>296,674</b>	<b>218,052</b>	<b>408,561</b>	<b>684,738</b>	<b>152,193</b>
Ky.	954,986	59,815	171,992	67,138	80,748	55,675	110,388	189,889	22,992
Tenn.	1,135,646	81,350	176,123	81,461	102,130	71,523	133,657	214,807	40,972
Ala.	1,031,906	64,822	160,813	69,841	75,321	57,839	110,903	194,990	55,006
Miss.	716,851	41,323	206,840	43,425	38,475	33,015	53,613	85,052	33,223
<b>W. S. C.</b>	<b>5,003,358</b>	<b>403,973</b>	<b>595,588</b>	<b>468,925</b>	<b>504,634</b>	<b>348,651</b>	<b>628,853</b>	<b>720,514</b>	<b>176,873</b>
Ark.	615,796	37,455	143,628	47,114	39,700	35,215	57,792	79,113	17,719
La.	875,608	69,879	89,781	74,110	85,530	50,175	100,922	131,539	43,684
Okla.	753,511	69,505	109,956	74,406	81,004	54,111	98,445	97,737	16,758
Tex.	2,758,443	227,134	252,223	273,205	298,400	203,150	371,694	412,125	98,712
<b>Mt.</b>	<b>1,746,673</b>	<b>168,222</b>	<b>180,015</b>	<b>177,423</b>	<b>188,547</b>	<b>119,686</b>	<b>235,332</b>	<b>237,966</b>	<b>30,519</b>
Mont.	218,400	19,126	34,335	20,733	20,630	13,520	26,437	26,399	2,719
Idaho	205,993	16,354	36,118	19,173	17,518	13,452	25,431	25,262	3,187
Wyo.	107,836	10,049	12,239	10,049	9,994	5,820	15,102	15,945	1,454
Colo.	476,044	50,085	42,463	49,665	60,736	36,145	62,975	62,817	8,268
N. Mex.	206,544	20,920	20,950	20,897	19,129	12,355	27,841	27,038	4,859
Ariz.	238,695	23,292	12,679	26,542	24,003	17,504	32,139	35,497	6,125
Utah	228,806	22,384	18,223	22,170	20,651	17,298	36,506	38,383	2,811
Nev.	63,635	6,023	2,999	7,594	6,836	3,583	8,901	8,625	1,096
<b>Pac.</b>	<b>5,318,850</b>	<b>566,185</b>	<b>196,560</b>	<b>591,695</b>	<b>720,102</b>	<b>442,295</b>	<b>805,511</b>	<b>812,423</b>	<b>106,968</b>
Wash.	840,062	83,310	45,719	86,667	104,877	65,158	132,665	125,032	13,786
Oreg.	576,510	50,809	39,972	63,112	65,096	43,096	78,305	88,853	9,976
Calif.	3,902,278	432,546	110,869	441,916	550,129	334,041	594,541	598,538	83,206

No. 279.—MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS, BY STATES: 1950—Continued

STATE	MAJOR OCCUPATION GROUP—Continued					CLASS OF WORKER				
	Service workers, except private household	Farm laborers, unpaid family workers	Farm laborers, except unpaid, and foremen	Laborers, except farm and mine	Occupation not reported	Private wage and salary workers	Government workers	Self-employed workers	Unpaid family workers	
U. S.-----	4, 286, 528	910, 358	1, 489, 907	3, 430, 581	732, 136	40, 037, 668	5, 495, 690	9, 591, 482	1, 114, 609	
Regions:										
Northeast.....	1, 241, 841	42, 742	160, 028	878, 741	172, 664	12, 199, 693	1, 391, 813	1, 777, 722	80, 144	
N. Central.....	1, 287, 524	325, 925	365, 895	949, 245	238, 145	12, 203, 976	1, 451, 379	3, 180, 396	390, 153	
South.....	1, 143, 164	482, 130	689, 892	1, 145, 763	239, 717	10, 776, 944	1, 752, 520	3, 418, 653	550, 533	
West.....	613, 999	59, 561	274, 092	456, 832	81, 610	4, 857, 055	899, 978	1, 214, 711	93, 779	
N. E.-----	270, 530	7, 379	45, 706	191, 863	37, 609	2, 863, 789	335, 874	396, 493	15, 154	
Maine.....	19, 746	1, 688	9, 530	31, 768	4, 168	226, 216	29, 392	53, 598	3, 120	
N. H.....	13, 744	794	4, 317	12, 460	1, 967	154, 023	19, 413	27, 657	1, 588	
Vt.....	9, 371	2, 505	8, 543	8, 189	1, 693	94, 029	12, 416	27, 742	3, 090	
Mass.....	151, 417	1, 148	12, 784	88, 155	16, 411	1, 466, 322	186, 406	169, 978	3, 911	
R. I.....	21, 576	142	1, 651	14, 145	3, 610	246, 569	27, 524	29, 650	769	
Conn.....	54, 676	1, 102	8, 881	37, 146	9, 751	676, 630	60, 633	87, 868	2, 676	
M. A.-----	971, 311	35, 363	114, 322	686, 878	135, 055	9, 335, 904	1, 055, 939	1, 381, 229	64, 990	
N. Y.....	548, 444	14, 002	51, 560	272, 238	69, 987	4, 602, 746	579, 826	733, 811	27, 878	
N. J.....	139, 304	3, 528	19, 017	108, 308	20, 036	1, 569, 969	161, 720	222, 125	8, 818	
Pa.....	283, 563	17, 833	43, 745	306, 332	45, 032	3, 163, 189	314, 393	425, 293	28, 294	
E. N. C.-----	909, 833	129, 709	183, 849	667, 073	150, 821	8, 998, 924	967, 205	1, 739, 138	167, 688	
Ohio.....	230, 953	22, 765	37, 405	183, 651	37, 793	2, 368, 196	258, 679	401, 723	31, 007	
Ind.....	109, 417	16, 533	28, 666	94, 882	22, 637	1, 121, 609	117, 335	258, 088	21, 410	
Ill.....	292, 635	20, 009	51, 270	201, 458	43, 580	2, 744, 715	284, 855	485, 653	30, 828	
Mich.....	182, 298	16, 646	25, 798	119, 216	30, 436	1, 850, 979	201, 026	318, 291	23, 278	
Wis.....	94, 530	53, 756	40, 710	67, 866	16, 375	913, 425	105, 310	275, 383	61, 165	
W. N. C.-----	377, 691	196, 216	182, 046	282, 172	87, 324	3, 205, 052	484, 174	1, 441, 258	222, 465	
Minn.....	85, 390	49, 618	34, 495	54, 982	13, 346	709, 442	102, 029	277, 764	54, 637	
Iowa.....	66, 589	37, 207	44, 506	50, 251	17, 508	574, 394	85, 932	299, 560	42, 354	
Mo.....	111, 880	38, 743	36, 707	87, 060	28, 001	1, 023, 310	124, 528	333, 566	40, 413	
N. Dak.....	14, 062	17, 161	13, 512	8, 577	3, 507	96, 967	21, 761	86, 424	18, 390	
S. Dak.....	15, 023	15, 386	14, 017	10, 336	3, 489	106, 779	26, 254	92, 106	17, 129	
Nebr.....	35, 711	21, 466	20, 233	28, 589	10, 204	278, 466	50, 287	158, 774	24, 122	
Kans.....	49, 036	21, 645	18, 576	42, 377	11, 269	415, 694	73, 383	193, 124	25, 420	
S. A.-----	531, 307	212, 194	303, 112	535, 475	109, 614	5, 199, 090	910, 671	1, 308, 339	238, 403	
Del.....	8, 931	502	4, 165	9, 447	1, 988	99, 267	10, 146	16, 405	819	
Md.....	68, 783	4, 245	20, 387	65, 761	11, 590	657, 135	129, 278	101, 477	6, 885	
D. C.....	48, 650	27	247	20, 400	5, 078	199, 648	150, 861	22, 428	553	
Va.....	75, 746	16, 066	46, 550	88, 125	17, 156	770, 437	173, 525	187, 201	19, 001	
W. Va.....	36, 685	9, 257	13, 928	40, 226	9, 698	480, 913	52, 750	82, 817	11, 677	
N. C.....	77, 839	74, 511	55, 978	84, 614	21, 770	941, 386	112, 626	330, 113	79, 227	
S. C.....	37, 653	48, 884	40, 668	50, 709	10, 145	489, 863	61, 894	152, 213	51, 408	
Ga.....	79, 434	49, 942	54, 177	94, 546	18, 120	839, 631	111, 622	249, 291	54, 391	
Fla.....	98, 186	8, 760	67, 012	81, 647	14, 069	720, 810	107, 969	166, 394	14, 442	
E. S. C.-----	232, 053	164, 008	151, 442	246, 648	58, 866	2, 318, 852	338, 063	1, 002, 689	179, 185	
Ky.....	55, 522	32, 425	39, 146	51, 691	14, 565	594, 129	74, 141	250, 511	36, 205	
Tenn.....	77, 325	30, 620	37, 812	69, 011	18, 049	729, 034	107, 739	265, 020	34, 213	
Ala.....	60, 142	49, 194	38, 114	78, 789	15, 532	649, 339	97, 635	231, 112	55, 220	
Miss.....	36, 064	52, 469	36, 370	47, 157	9, 820	346, 350	58, 908	256, 046	55, 547	
W. S. C.-----	379, 804	105, 328	235, 338	363, 640	71, 237	3, 259, 062	503, 786	1, 107, 625	132, 945	
Ark.....	34, 917	26, 254	40, 271	46, 119	10, 499	332, 832	52, 370	200, 573	30, 021	
La.....	70, 185	20, 216	37, 302	84, 291	11, 994	594, 325	89, 209	168, 062	24, 012	
Okla.....	56, 581	19, 544	22, 263	41, 080	12, 121	441, 795	92, 414	194, 662	24, 640	
Tex.....	218, 121	39, 314	135, 502	192, 150	36, 623	1, 890, 050	269, 793	544, 328	54, 272	
Mt.-----	150, 246	33, 328	90, 163	110, 115	25, 111	1, 095, 236	233, 367	374, 923	43, 147	
Mont.....	18, 557	5, 333	13, 700	13, 825	3, 146	129, 420	25, 295	57, 316	6, 429	
Idaho.....	15, 350	6, 219	11, 994	13, 310	2, 645	117, 183	21, 907	59, 194	7, 709	
Wyo.....	8, 772	2, 126	7, 297	6, 688	1, 692	66, 765	14, 695	23, 684	2, 692	
Colo.....	41, 820	8, 630	19, 069	27, 944	6, 027	308, 569	60, 816	96, 204	11, 025	
N. Mex.....	16, 259	4, 425	11, 708	15, 405	4, 740	124, 609	32, 103	44, 094	5, 738	
Ariz.....	21, 621	3, 378	16, 889	15, 730	3, 296	160, 302	30, 741	42, 560	5, 092	
Utah.....	17, 671	2, 804	6, 700	13, 591	2, 674	146, 411	38, 239	40, 567	3, 649	
Nev.....	10, 196	413	2, 806	3, 622	891	41, 947	9, 571	11, 304	813	
Pac.-----	463, 753	26, 233	183, 929	346, 717	56, 499	3, 761, 819	666, 611	839, 788	50, 632	
Wash.....	73, 093	7, 128	22, 394	69, 118	11, 115	571, 994	114, 719	142, 358	10, 991	
Oreg.....	45, 951	7, 219	20, 269	57, 607	6, 745	391, 216	60, 589	114, 212	10, 493	
Calif.....	344, 709	11, 886	141, 266	219, 992	38, 639	2, 798, 609	491, 303	583, 218	29, 148	

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II.

# NO. 280.—INDEXES OF OUTPUT PER MAN-HOUR FOR THE PRIVATE ECONOMY: 1948 TO 1957

[1947=100]

YEAR	BASED ON MAN-HOURS PAID <sup>1</sup>					BASED ON MAN-HOURS WORKED <sup>4</sup>		
	Total	Agriculture <sup>2</sup>	Nonagricultural industries			Total	Agriculture <sup>2</sup>	Nonagricultural industries
			Total	Manufacturing <sup>3</sup>	Non-manufacturing			
1948.....	104.9	123.4	102.5	102.5	102.8	104.2	123.7	101.7
1949.....	107.0	114.7	106.0	104.7	107.2	105.4	113.8	104.2
1950.....	115.6	131.8	112.7	113.1	112.8	114.5	131.4	111.5
1951.....	118.1	129.8	114.9	114.6	115.1	118.8	129.0	115.7
1952.....	121.7	138.7	117.5	116.4	118.1	123.2	138.0	119.2
1953.....	126.2	153.6	120.4	120.3	120.2	127.8	152.7	122.2
1954.....	129.0	167.1	122.4	123.7	121.9	131.5	166.3	125.1
1955.....	133.5	160.7	126.8	130.9	124.7	136.3	168.9	129.8
1956.....	134.6	175.8	127.1	131.4	125.1	137.9	175.0	130.6
1957 (prel.).....	137.0	183.8	128.6	132.4	127.1	140.9	183.4	132.6

<sup>1</sup> Includes hours of unpaid family workers in addition to wage and salaried workers and self-employed. Covers paid holidays, vacations, and sick leave.

<sup>2</sup> Differs in concept from Department of Agriculture's productivity series based on requirements of equivalent adult man-hours.

<sup>3</sup> Based on man-hours data covering all persons at work rather than production workers only.

<sup>4</sup> Includes hours of all persons, whether employees or employers, incorporating adjustments designed to eliminate holidays, vacations, and sick leave.

Source: Department of Commerce, Office of Business Economics and Bureau of the Census; Department of Labor, Bureau of Labor Statistics; and Executive Office of the President, Council of Economic Advisers; published in *Economic Report of the President*, January 1958.

# NO. 281.—INDEXES OF OUTPUT PER MAN-HOUR FOR SELECTED INDUSTRIES: 1929 TO 1957

[1947=100]

INDUSTRY	1929	1935	1939	1945	1950	1953	1954	1955	1956	1957 (prel.)
<b>NONMANUFACTURING</b>										
All mining <sup>1</sup> .....	62.9	76.4	90.0	95.5	105.7	—	—	—	—	—
Anthracite.....	—	87.8	110.6	98.6	95.4	100.4	130.7	133.2	154.4	146.0
Bituminous coal.....	—	76.1	89.1	94.2	114.5	129.0	149.2	159.9	163.1	160.6
Copper (recoverable metal).....	—	83.2	90.2	102.8	114.3	106.8	106.7	120.4	116.1	124.7
Iron (usable ore).....	—	82.6	94.2	104.1	102.5	107.3	92.0	117.1	111.3	110.8
Lead and zinc (recoverable metal).....	—	131.0	132.3	103.4	127.0	116.0	114.6	—	—	—
Railroad transportation (revenue traffic) <sup>2</sup> .....	—	66.2	74.4	103.6	110.5	118.0	124.0	137.2	143.6	146.3
Telegraph <sup>3</sup> .....	—	71.8	83.1	97.3	112.4	95.6	94.0	96.0	92.1	—
<b>MANUFACTURING</b>										
Beet-sugar refining.....	—	88.7	107.4	85.5	124.3	124.2	140.5	—	—	—
Canning and preserving group.....	61.6	90.4	90.0	102.5	118.3	129.2	139.9	145.3	156.6	—
Cement.....	64.3	72.6	89.7	80.9	116.0	130.7	144.0	156.1	145.2	—
Clay construction products.....	82.9	79.5	94.3	82.9	110.4	113.3	113.0	123.9	126.5	—
Coke group.....	87.0	79.7	92.9	93.7	99.2	109.5	100.3	115.6	118.8	—
Confectionery.....	48.1	79.2	89.4	100.4	106.0	126.1	129.8	137.4	143.1	—
Flour and other grain-mill products.....	95.3	90.5	109.5	99.0	97.1	100.0	113.7	118.3	122.9	—
Glass containers.....	—	77.2	91.4	101.8	105.5	105.2	109.2	109.7	—	—
Hosiery total.....	—	87.0	114.4	112.7	120.6	122.8	118.8	118.2	—	—
Full-fashioned.....	—	81.0	116.5	125.3	144.3	150.4	148.9	156.2	—	—
Seamless.....	—	95.3	111.9	103.1	104.5	104.7	99.9	96.2	—	—
Malt liquors.....	—	85.5	101.9	118.2	120.4	125.4	128.8	131.8	—	—
Paper and pulp.....	80.8	95.5	109.2	95.6	118.9	123.8	129.2	137.5	144.9	—
Rayon and other synthetic fibers.....	14.2	31.8	46.9	81.1	152.0	170.3	186.6	224.8	233.4	—
Steel, basic.....	57.9	62.9	79.3	—	111.7	118.1	115.0	128.4	129.3	127.7
Tobacco products group.....	52.5	69.4	80.0	96.5	117.8	124.1	121.7	122.5	127.6	136.5
Cigars.....	50.4	75.8	91.3	106.9	122.3	133.4	137.0	141.0	154.7	167.6
Cigarettes, chewing and smoking tobacco, and snuff.....	55.4	62.8	69.6	86.3	112.9	114.6	107.0	105.6	105.2	111.2

<sup>1</sup> For 1929 and 1933, covers almost all industries; for 1935 to 1950, represents 6 principal industries (bituminous coal; anthracite; crude petroleum; natural gas and natural gasoline; iron; copper; and lead and zinc), representing 80 percent of total employment. <sup>2</sup> Refers to Class I line-haul railroads.

<sup>3</sup> Output per employee. Covers principal wire-telephone and ocean-cable carriers.

Source: Department of Labor, Bureau of Labor Statistics.

### No. 282.—HOURLY AND WEEKLY EARNINGS AND WEEKLY HOURS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES: 1940 TO 1958

[Net spendable average weekly earnings represent average gross earnings less social security and income taxes for which specified worker is liable. These net spendable earnings are then divided by the BLS consumers' price index adjusted to an average 1947-49 base, to obtain net spendable earnings in 1947-49 dollars. Overtime is defined as work in excess of either the straight-time workday or workweek and paid for at time and one-half. Computation of average hourly earnings exclusive of overtime makes no allowance for special rates of pay for work done on holidays. See also *Historical Statistics, 1789-1945*, series D 117-119]

YEAR	Gross average weekly earnings	NET SPENDABLE AVERAGE WEEKLY EARNINGS				Average weekly hours	AVERAGE HOURLY EARNINGS	
		Worker with no dependents		Worker with 3 dependents			Gross	Exclud- ing overtime
		Current dollars	1947-49 dollars	Current dollars	1947-49 dollars			
1940-----	\$24.20	\$24.69	\$41.22	\$24.95	\$41.65	38.1	\$0.66	-----
1945-----	44.39	36.97	48.08	42.74	55.58	43.4	1.02	<sup>1</sup> \$0.96
1950-----	59.33	51.09	49.70	57.21	55.65	40.5	1.47	1.42
1951-----	64.71	54.04	48.68	61.28	55.21	40.7	1.59	1.53
1952-----	67.97	55.66	49.04	63.62	56.05	40.7	1.67	1.61
1953-----	71.69	58.54	51.17	66.58	58.20	40.5	1.77	1.71
1954-----	71.86	59.55	51.87	66.78	58.17	39.7	1.81	1.76
1955-----	76.52	63.15	55.15	70.45	61.53	40.7	1.88	1.82
1956-----	79.99	65.86	56.68	73.22	63.01	40.4	1.98	1.91
1957 (prel.)-----	82.39	67.57	56.21	74.97	62.37	39.8	2.07	2.01
1958, March (prel.)-----	81.45	66.81	54.18	74.20	60.18	38.6	2.11	2.06

<sup>1</sup> Eleven-month average; August 1945 excluded because of VJ-day holiday period.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.

### No. 283.—HOURLY AND WEEKLY EARNINGS (INCLUDING OVERTIME) IN CONSTANT AND CURRENT PRICES FOR SELECTED INDUSTRIES: 1939 TO 1957

[Data are for production workers in manufacturing, construction workers in building construction, and non-supervisory employees in retail trade]

TYPE OF EARNINGS AND YEAR	MANUFACTURING						BUILDING CONSTRUCTION <sup>1</sup>		RETAIL TRADE	
	Total		Durable		Nondurable		Current prices	1957 prices <sup>2</sup>	Current prices	1957 prices <sup>2</sup>
	Current prices	1957 prices <sup>2</sup>	Current prices	1957 prices <sup>2</sup>	Current prices	1957 prices <sup>2</sup>				
HOURLY										
1939 .....	\$0.633	\$1.281	\$0.698	\$1.413	\$0.582	\$1.178	\$0.932	\$1.887	\$0.542	\$1.097
1945 .....	1.023	1.598	1.111	1.736	.904	1.412	1.379	2.155	.783	1.223
1950 .....	1.465	1.713	1.537	1.798	1.378	1.612	2.031	2.375	1.176	1.375
1951 .....	1.59	1.72	1.67	1.81	1.48	1.60	2.19	2.37	1.26	1.37
1952 .....	1.67	1.77	1.77	1.88	1.54	1.63	2.31	2.45	1.32	1.40
1953 .....	1.77	1.86	1.87	1.96	1.61	1.69	2.48	2.61	1.40	1.47
1954 .....	1.81	1.90	1.92	2.01	1.66	1.74	2.60	2.72	1.45	1.52
1955 .....	1.88	1.97	2.01	2.11	1.71	1.79	2.66	2.79	1.50	1.57
1956 .....	1.98	2.05	2.10	2.17	1.80	1.86	2.80	2.90	1.57	1.62
1957 (prel.) .....	2.07	2.07	2.20	2.20	1.89	1.89	2.97	2.97	1.65	1.65
WEEKLY										
1939 .....	23.86	48.30	26.50	53.64	21.78	44.09	30.39	61.52	23.14	46.84
1945 .....	44.39	69.36	49.05	76.64	38.29	59.83	53.73	83.95	31.55	49.30
1950 .....	59.33	69.39	63.32	74.06	54.71	63.99	73.73	86.23	47.63	55.71
1951 .....	64.71	70.11	69.47	75.27	58.46	63.34	81.47	88.27	50.65	54.88
1952 .....	67.97	72.00	73.46	77.82	60.98	64.60	88.01	93.23	52.67	55.79
1953 .....	71.69	75.30	77.23	81.12	63.60	66.81	91.76	96.39	54.88	57.65
1954 .....	71.86	75.25	77.18	80.82	64.74	67.79	94.12	98.55	56.70	59.37
1955 .....	76.52	80.29	83.21	87.31	68.06	71.42	96.29	101.04	58.50	61.39
1956 .....	79.99	82.72	86.31	89.26	71.10	73.53	101.92	105.40	60.60	62.67
1957 (prel.) .....	82.39	82.39	88.66	88.66	74.09	74.09	107.22	107.22	62.87	62.87

<sup>1</sup> Beginning 1948, data not strictly comparable with previous years.

<sup>2</sup> Earnings in current prices divided by consumer price index on base 1957=100.

Source: Executive Office of the President, Council of Economic Advisers; *Economic Indicators*. Based on Department of Labor data.

# No. 284.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1950, 1956, AND 1957

[Data are based upon reports from cooperating establishments covering both full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. For mining, manufacturing, laundries, and cleaning and dyeing plants, data refer to production and related workers only. For contract construction industries, data relate to employees engaged in actual construction work. For other industries, data relate to nonsupervisory employees and working supervisors.]

INDUSTRY GROUP AND INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)
<b>Mining:</b>									
Metal mining	\$65.58	\$96.83	\$98.98	42.2	42.1	40.9	\$1.554	\$2.30	\$2.42
Anthracite	68.24	87.65	93.20	32.1	33.2	31.7	1.970	2.64	2.94
Bituminous coal	70.85	102.22	110.53	35.0	37.8	36.6	2.010	2.81	3.02
Petroleum and natural-gas production (except contract services)	73.69	101.68	106.49	40.6	41.0	40.8	1.815	2.48	2.61
Nonmetallic mining and quarrying	59.88	85.63	87.06	44.0	44.6	43.8	1.361	1.92	2.00
<b>Contract construction:</b>									
Nonbuilding construction	73.73	101.83	106.64	37.2	37.3	36.9	1.982	2.73	2.89
Building construction	73.40	101.59	105.07	40.9	40.8	39.8	1.796	2.49	2.64
	73.73	101.92	107.22	36.3	36.4	36.1	2.031	2.80	2.97
<b>Manufacturing:</b>									
Durable goods	59.33	79.99	82.39	40.5	40.4	39.8	1.465	1.98	2.07
Nondurable goods	63.32	86.31	88.66	41.2	41.1	40.3	1.537	2.10	2.20
	64.71	71.10	74.09	39.7	39.5	39.2	1.378	1.80	1.89
Ordinance and accessories	64.79	91.54	95.06	41.8	41.8	40.8	1.550	2.19	2.33
Food and kindred products <sup>1</sup>	55.29	75.03	78.17	41.6	41.0	40.5	1.329	1.83	1.93
Meat products <sup>1</sup>	60.07	84.03	87.08	41.6	41.6	40.5	1.444	2.02	2.15
Dairy products	56.11	74.47	77.46	44.5	42.8	42.1	1.261	1.74	1.84
Canning and preserving	46.81	62.02	63.41	39.3	39.5	38.9	1.191	1.57	1.63
Grain-mill products	58.03	80.97	85.50	43.5	43.3	43.4	1.334	1.87	1.97
Bakery products <sup>1</sup>	53.54	73.08	75.76	41.5	40.6	40.3	1.290	1.80	1.88
Sugar	58.81	79.98	84.20	43.4	43.0	43.4	1.355	1.86	1.94
Confectionery and related products	46.72	61.85	64.48	39.9	39.9	39.8	1.171	1.55	1.62
Beverages	62.91	85.41	88.18	41.5	40.1	39.9	1.516	2.13	2.21
Miscellaneous food products <sup>1</sup>	54.99	72.92	76.86	42.2	41.2	41.1	1.303	1.77	1.87
<b>Tobacco manufactures:</b>									
Cigarettes	40.77	56.41	58.91	38.1	38.9	38.5	1.070	1.45	1.53
Cigars	50.10	70.88	73.78	39.0	40.5	40.1	1.287	1.75	1.84
Tobacco and snuff	35.76	47.63	49.88	36.9	37.5	37.5	.969	1.27	1.33
Tobacco stemming and redrying	42.79	57.13	60.75	37.7	37.1	37.5	1.135	1.54	1.62
	37.59	47.04	47.38	39.4	39.2	37.6	.954	1.20	1.26
<b>Textile-mill products:</b>									
Scouring and combing plants	48.95	57.57	58.35	39.6	39.7	38.9	1.236	1.45	1.50
Yarn and thread mills	66.56	94.40	94.40	41.6	41.6	40.0	1.60	1.61	1.61
Broad-woven fabric mills	45.01	52.53	52.72	38.9	39.2	38.2	1.157	1.34	1.38
Narrow fabrics and small wares	49.28	66.28	56.70	40.1	40.2	39.1	1.229	1.40	1.45
Knitting mills	68.51	90.80	90.80	39.8	40.0	39.8	1.47	1.52	1.52
Dyeing and finishing textiles	44.13	53.68	54.46	37.4	37.8	37.3	1.180	1.42	1.46
Carpets, rugs, other floor coverings	53.87	65.92	67.16	40.9	41.2	40.7	1.317	1.60	1.65
Hats (except cloth and millinery)	62.33	73.98	74.34	41.5	41.1	40.4	1.502	1.80	1.84
Miscellaneous textile goods	67.38	99.67	99.67	35.2	36.1	36.1	1.63	1.65	1.65
	66.83	69.20	69.20	40.5	40.0	40.0	1.65	1.73	1.73
<b>Apparel and other finished textile products<sup>1</sup>:</b>									
Men's and boys' suits and coats	43.68	52.64	53.64	36.4	36.3	36.0	1.200	1.45	1.49
Men's and boys' furnishings and work clothing	50.22	63.12	63.01	36.9	36.7	35.6	1.361	1.72	1.77
Women's outerwear <sup>1</sup>	36.43	45.26	46.59	36.8	36.5	36.4	.990	1.24	1.28
Women's, children's under garments	49.41	57.02	57.92	34.7	35.2	35.1	1.424	1.62	1.65
Millinery	38.38	47.55	48.91	36.9	36.3	36.5	1.040	1.31	1.34
Children's outerwear	54.21	61.85	61.40	35.2	36.3	35.7	1.540	1.69	1.72
Miscellaneous apparel and accessories	38.98	48.31	50.55	36.5	36.6	36.9	1.068	1.32	1.37
Other fabricated textile products	49.71	49.90	49.90	37.1	35.9	35.9	1.34	1.39	1.39
	42.06	53.53	56.70	38.2	37.7	37.8	1.101	1.42	1.50
<b>Lumber and wood products (exc. furniture):</b>									
Sawmills and planing mills	55.31	70.93	71.86	41.0	40.3	39.7	1.349	1.76	1.81
Millwork, plywood, and prefabricated structural wood products	54.95	71.51	70.74	40.7	40.4	39.3	1.350	1.77	1.80
Wooden containers	60.52	74.30	75.79	43.2	40.6	40.1	1.401	1.83	1.89
Miscellaneous wood products	46.03	56.71	56.37	40.7	40.8	39.7	1.311	1.39	1.42
	47.07	60.15	61.56	41.4	41.2	40.5	1.137	1.46	1.52
<b>Furniture and fixtures:</b>									
Household furniture	53.67	68.95	69.60	41.9	40.8	40.0	1.281	1.69	1.74
Office, public-building, and professional furniture	51.91	65.77	66.23	41.9	40.6	39.9	1.239	1.62	1.66
Partitions, shelving, lockers, and fixtures	79.42	78.78	78.78	41.8	40.4	40.4	1.90	1.95	1.95
Screens, blinds, and miscellaneous furniture and fixtures	84.05	85.22	85.22	41.0	40.2	40.2	2.05	2.12	2.12
	66.42	68.57	68.57	40.5	40.1	40.1	1.64	1.71	1.71
<b>Paper and allied products:</b>									
Pulp, paper, and paperboard mills	61.14	83.03	86.29	43.3	42.8	42.3	1.412	1.94	2.04
Paperboard containers and boxes <sup>1</sup>	65.06	91.05	94.18	43.9	42.2	43.4	1.482	2.06	2.17
Other paper and allied products	57.96	76.13	79.90	43.0	41.6	41.4	1.348	1.83	1.93
	55.48	72.92	76.07	42.0	41.2	40.9	1.321	1.77	1.86

<sup>1</sup> 1950 data not strictly comparable with those shown for later years.

No. 284.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1950, 1956, and 1957—Continued

INDUSTRY GROUP AND INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)
<b>Manufacturing—Continued</b>									
Printing, publishing, and allied industries.....	\$73.99	\$94.28	\$96.38	38.8	38.8	38.4	\$1.907	\$2.43	\$2.51
Newspapers.....	80.00	99.64	101.39	36.9	36.1	35.7	2.168	2.76	2.84
Periodicals.....	74.18	96.16	100.95	39.5	39.9	39.9	1.878	2.41	2.53
Books.....	64.08	83.84	84.85	39.1	4.05	30.6	1.639	2.07	2.13
Commercial printing.....	72.34	93.03	95.76	39.9	40.1	39.9	1.813	2.32	2.40
Lithographing.....	73.04	94.16	96.53	40.0	39.9	39.4	1.826	2.36	2.46
Greeting cards.....	—	01.44	64.18	—	38.4	38.2	—	1.60	1.68
Bookbinding and related industries.....	—	72.10	73.90	—	39.4	39.1	—	1.83	1.89
Miscellaneous publishing and printing services.....	—	109.09	110.78	—	39.1	38.6	—	2.79	2.87
Chemicals and allied products.....	62.67	87.14	91.24	41.5	41.3	41.1	1.510	2.11	2.22
Industrial inorganic chemicals.....	67.89	95.12	99.55	40.9	41.0	40.8	1.660	2.32	2.44
Industrial organic chemicals.....	65.69	92.89	96.93	40.6	41.1	40.9	1.618	2.26	2.37
Drugs and medicines <sup>1</sup> .....	59.59	78.55	82.82	40.9	40.7	40.8	1.467	1.93	2.03
Soap, cleaning and polishing preparations.....	—	90.04	96.17	—	41.2	41.1	—	2.20	2.34
Paints, pigments, and fillers.....	64.80	86.11	89.16	42.3	41.6	40.9	1.532	2.07	2.18
Gum and wood chemicals.....	—	75.33	78.63	—	42.8	42.5	—	1.76	1.85
Fertilizers.....	47.00	67.68	71.06	41.3	42.3	42.4	1.138	1.60	1.69
Vegetable and animal oils and fats.....	53.46	74.42	78.50	45.5	45.1	44.6	1.175	1.65	1.76
Miscellaneous chemicals.....	—	80.38	84.24	—	40.8	40.5	—	1.97	2.08
Products of petroleum and coal.....	75.01	104.39	108.79	40.9	41.1	40.9	1.834	2.54	2.66
Petroleum refining.....	77.93	108.39	112.61	40.4	40.9	40.8	1.929	2.65	2.76
Coke, other petroleum and coal products.....	—	91.32	95.76	—	41.7	41.1	—	2.19	2.33
Rubber products.....	64.42	87.23	91.76	40.9	40.2	40.6	1.575	2.17	2.26
Tires and inner tubes.....	72.48	100.95	106.52	39.8	39.9	40.5	1.821	2.53	2.63
Rubber footwear.....	52.21	71.89	73.66	40.1	39.5	39.6	1.302	1.82	1.86
Other rubber products.....	59.76	78.96	82.82	42.2	40.7	40.8	1.416	1.94	2.03
Leather and leather products.....	44.56	56.02	57.00	37.6	37.6	37.4	1.185	1.49	1.54
Leather: tanned, curried, and finished.....	57.21	74.24	76.83	39.7	39.7	39.4	1.441	1.87	1.95
Industrial leather belting and packing.....	—	72.40	76.55	—	40.0	40.5	—	1.81	1.89
Boot and shoe cut stock and findings.....	—	53.48	55.94	—	37.4	37.8	—	1.43	1.48
Footwear (except rubber).....	41.99	53.57	55.13	36.9	37.2	37.0	1.138	1.44	1.49
Luggage.....	—	62.72	62.27	—	39.2	38.2	—	1.60	1.63
Handbags and small leather goods.....	—	51.00	53.63	—	37.5	37.7	—	1.36	1.42
Gloves and miscellaneous leather goods.....	—	48.34	49.80	—	36.9	36.4	—	1.31	1.36
Stone, clay, and glass products.....	59.20	80.56	83.03	41.2	41.1	40.5	1.437	1.96	2.05
Flat glass.....	—	113.03	113.77	—	41.1	40.2	—	2.75	2.83
Glass and glassware, pressed or blown.....	—	79.80	83.58	—	39.7	39.8	—	2.01	2.10
Glass products made of purchased glass.....	—	68.71	71.02	—	40.9	39.9	—	1.68	1.78
Cement, hydraulic.....	60.13	83.84	87.91	41.7	41.3	40.7	1.442	2.03	2.16
Structural clay products <sup>1</sup> .....	54.19	73.62	74.61	40.5	40.9	39.9	1.338	1.80	1.87
Pottery and related products.....	52.16	72.20	74.07	37.5	37.8	37.6	1.391	1.91	1.97
Concrete, gypsum, and plaster products.....	62.64	81.88	82.56	45.0	44.5	43.0	1.392	1.84	1.92
Cut-stone and stone products.....	—	69.87	71.15	—	41.1	40.2	—	1.70	1.77
Miscellaneous nonmetallic mineral products.....	—	83.03	86.46	—	40.7	40.4	—	2.04	2.14
Primary metal industries.....	67.24	96.52	99.00	40.8	40.9	39.6	1.648	2.36	2.50
Blast furnaces, steel works, and rolling mills.....	67.47	102.06	104.40	39.9	40.5	39.1	1.691	2.52	2.67
Iron and steel foundries.....	65.32	87.34	87.64	41.9	41.2	39.3	1.559	2.12	2.23
Primary smelting and refining of nonferrous metals.....	63.71	91.46	95.41	41.0	41.2	40.6	1.554	2.22	2.35
Secondary smelting and refining of nonferrous metals.....	—	85.04	87.53	—	42.1	40.9	—	2.02	2.14
Rolling, drawing, and alloying of nonferrous metals.....	66.75	93.38	94.87	41.9	41.5	40.2	1.593	2.25	2.36
Nonferrous foundries.....	67.65	88.94	91.93	41.5	40.8	40.0	1.630	2.18	2.29
Miscellaneous primary metal industries.....	—	99.90	101.25	—	41.8	40.5	—	2.39	2.50
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	63.42	85.28	89.16	41.4	41.2	40.9	1.532	2.07	2.18
Tin cans and other tinware.....	60.90	91.78	96.64	41.6	42.1	41.3	1.464	2.18	2.34
Cutlery, hand tools, and hardware.....	61.01	81.60	85.86	41.5	40.8	40.5	1.470	2.00	2.12
Heating apparatus (except electric) and plumbers' supplies.....	63.91	80.19	83.74	41.1	39.7	39.5	1.555	2.02	2.12
Fabricated structural metal products.....	63.29	87.57	92.99	41.1	41.5	41.7	1.540	2.11	2.23
Metal stamping, coating, and engraving.....	64.22	87.34	89.95	41.3	41.2	40.7	1.555	2.12	2.21
Lighting fixtures.....	—	76.40	79.80	—	40.0	39.7	—	1.91	2.01
Fabricated wire products.....	—	80.75	82.21	—	41.2	40.1	—	1.96	2.05
Miscellaneous fabricated metal products.....	—	86.09	89.01	—	42.2	41.4	—	2.04	2.15

<sup>1</sup> 1950 data not strictly comparable with those shown for later years.

No. 284.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1950, 1956, and 1957—Continued

INDUSTRY GROUP AND INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)
<b>Manufacturing—Continued</b>									
Machinery (except electrical).....	\$67.21	\$93.26	\$94.30	41.8	42.2	41.0	\$1.608	\$2.21	\$2.30
Engines and turbines.....	69.43	95.45	100.86	40.7	41.5	41.0	1.706	2.30	2.46
Agricultural machinery and tractors.....	64.60	86.80	91.31	40.1	40.0	39.7	1.611	2.17	2.30
Construction and mining machinery.....	65.97	92.23	92.62	42.4	42.5	40.8	1.556	2.17	2.27
Metalworking machinery.....	71.54	108.69	106.32	43.2	45.1	42.7	1.656	2.41	2.49
Special-industry machinery (except metal working machinery).....	65.74	89.67	90.47	41.9	42.7	41.5	1.569	2.10	2.18
General industrial machinery.....	66.33	92.87	92.89	41.9	42.6	41.1	1.583	2.18	2.26
Office and store machines and devices.....	66.95	90.23	90.63	41.1	41.2	40.1	1.629	2.19	2.26
Service-industry and household machines.....	67.26	86.24	87.30	41.7	40.3	39.5	1.613	2.14	2.21
Miscellaneous machinery parts.....	66.15	89.66	91.39	42.0	41.7	40.8	1.575	2.15	2.24
Electrical machinery.....	60.21	80.78	82.80	41.1	40.8	40.0	1.465	1.98	2.07
Electrical generating, transmission, distribution, and industrial apparatus.....	63.75	87.15	88.70	41.1	41.5	40.5	1.551	2.10	2.19
Electrical appliances.....	80.60	83.10	83.10	40.7	39.9	39.2	2.22	2.02	2.12
Insulated wire and cable.....	84.32	85.08	85.08	41.2	42.8	41.5	2.22	1.97	2.05
Electrical equipment for vehicles.....	66.22	84.42	86.07	41.7	40.2	39.3	1.588	2.10	2.19
Electric lamps.....	75.07	76.81	76.81	40.8	39.8	39.8	1.84	1.84	1.93
Communication equipment.....	55.49	75.95	78.41	41.1	40.4	39.8	1.350	1.88	1.97
Miscellaneous electrical products.....	78.34	81.61	81.61	40.8	40.4	40.4	1.92	2.02	2.02
Transportation equipment.....	71.18	94.71	98.01	41.0	41.0	40.5	1.736	2.31	2.42
Automobiles.....	73.25	94.71	99.54	41.2	40.3	39.3	1.778	2.35	2.47
Aircraft and parts.....	68.39	95.99	97.00	41.6	42.1	41.1	1.644	2.28	2.36
Ship and boat building and repairing.....	63.28	89.10	94.80	38.4	39.6	39.5	1.648	2.25	2.40
Railroad equipment.....	66.33	94.56	101.30	39.6	39.9	40.2	1.675	2.37	2.52
Other transportation equipment.....	64.44	77.59	79.79	41.9	40.2	39.5	1.538	1.93	2.02
Instruments and related products.....	60.81	82.01	85.24	41.2	40.8	40.4	1.476	2.01	2.11
Laboratory, scientific, and engineering instruments.....	94.95	97.17	97.17	42.2	41.0	41.0	2.25	2.37	2.37
Mechanical measuring and controlling instruments.....	83.64	86.48	86.48	41.0	40.6	40.6	2.04	2.13	2.13
Optical instruments and lenses.....	83.03	85.63	85.63	40.5	40.2	40.2	2.05	2.13	2.13
Surgical, medical, and dental instruments.....	71.51	74.37	74.37	40.4	40.2	40.2	1.77	1.85	1.85
Ophthalmic goods.....	50.88	64.48	67.09	40.7	40.3	39.7	1.250	1.60	1.69
Photographic apparatus.....	65.59	91.46	95.00	41.2	41.2	40.6	1.592	2.22	2.34
Watches and clocks.....	53.25	70.77	72.34	39.8	39.1	39.1	1.338	1.81	1.85
Miscellaneous manufacturing industries.....	54.04	70.53	72.40	41.0	40.3	40.0	1.318	1.75	1.81
Jewelry, silverware, and plated ware.....	58.42	74.23	75.26	42.8	41.7	40.9	1.365	1.78	1.84
Musical instruments and parts.....	80.54	82.62	82.62	41.3	40.3	40.3	1.95	2.05	2.05
Toys and sporting goods.....	50.98	62.58	65.52	40.4	39.1	39.0	1.262	1.60	1.68
Pens, pencils, and other office supplies.....	66.58	67.64	67.64	41.1	41.1	40.5	1.62	1.62	1.67
Costume jewelry, buttons, notions.....	49.52	62.49	65.24	40.0	39.3	39.3	1.238	1.59	1.66
Fabricated plastic products.....	75.35	78.31	78.31	41.4	41.4	41.0	1.82	1.91	1.91
Other manufacturing industries.....	74.37	74.82	74.82	40.2	39.8	39.8	1.85	1.85	1.88
<b>Transportation and public utilities:</b>									
Class I railroads.....	64.14	88.40	94.47	40.8	41.7	41.8	1.572	2.12	2.26
Local railway and bus lines <sup>1</sup> .....	67.69	84.48	88.56	45.4	43.1	43.2	1.491	1.96	2.05
Telephone.....	54.38	73.47	76.05	38.9	39.5	39.2	1.398	1.86	1.94
Telegraph <sup>1</sup> .....	64.14	82.74	87.36	44.7	42.0	41.8	1.435	1.97	2.09
Gas and electric utilities.....	66.60	91.46	95.53	41.6	41.2	41.0	1.601	2.22	2.33
<b>Trade:</b>									
Wholesale trade.....	60.36	81.20	84.42	40.7	4.04	40.2	1.483	2.01	2.10
Retail trade (except eating and drinking places).....	47.63	60.60	62.87	40.5	38.6	38.1	1.176	1.57	1.65
General merchandise stores.....	35.95	43.40	44.85	36.8	35.0	34.5	1.077	1.24	1.30
Food and liquor stores.....	51.79	63.38	64.96	40.4	37.5	36.7	1.282	1.69	1.77
Automotive and accessories dealers.....	61.65	81.28	83.66	45.7	43.7	43.8	1.349	1.86	1.91
Apparel and accessories stores.....	40.70	47.54	49.27	36.5	34.7	34.7	1.115	1.37	1.42
Other retail trade:									
Furniture and appliance stores.....	56.12	69.30	71.06	43.5	42.0	41.8	1.290	1.65	1.70
Lumber and hardware supply stores.....	54.62	72.68	74.52	43.8	42.5	42.1	1.247	1.71	1.77
<b>Finance, insurance, and real estate:</b>									
Banks and trust companies.....	46.44	61.97	64.27	40.8	40.8	40.8	1.395	1.51	1.55
Security dealers and exchanges.....	81.48	97.56	98.67	40.8	40.8	40.8	2.144	2.63	2.68
Insurance carriers.....	58.49	77.50	80.69	40.8	40.8	40.8	1.382	1.65	1.68
<b>Service and miscellaneous:</b>									
Hotels, year-round <sup>2</sup> .....	33.86	42.13	43.52	43.9	40.9	40.3	.771	1.03	1.08
Laundries.....	35.47	42.32	43.38	41.2	40.3	39.8	.861	1.05	1.09
Cleaning and dyeing plants.....	41.69	49.77	50.44	41.2	39.5	38.8	1.012	1.26	1.30
Motion picture production and distribution.....	91.75	99.93	99.93	41.2	41.2	41.2	2.227	2.424	2.424

<sup>1</sup> 1950 data not strictly comparable with those shown for later years.

<sup>2</sup> Beginning 1953, data include only privately operated establishments.

<sup>3</sup> Money payments only; additional value of board, room, uniforms, and tips excluded.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.



## No. 285.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES, BY STATES: 1950 TO 1957

[1957 U. S. figures are preliminary]

STATE	AVERAGE WEEKLY EARNINGS				AVERAGE WEEKLY HOURS				AVERAGE HOURLY EARNINGS			
	1950	1955	1956	1957	1950	1955	1956	1957	1950	1955	1956	1957
<b>United States</b> .....	\$59.33	\$76.52	\$79.99	\$82.39	40.5	40.7	40.4	39.8	\$1.47	\$1.88	\$1.98	\$2.07
<b>New England:</b>												
Maine.....	48.03	58.98	63.43	65.30	41.1	40.6	40.7	40.4	1.19	1.45	1.56	1.62
New Hampshire.....	48.64	60.12	63.24	64.48	40.2	40.9	40.8	40.3	1.21	1.47	1.55	1.60
Vermont.....	50.77	63.57	67.36	68.14	41.9	42.1	42.1	40.8	1.21	1.61	1.60	1.67
Massachusetts.....	55.98	69.09	72.21	74.28	40.6	40.4	40.1	39.4	1.38	1.71	1.80	1.88
Rhode Island.....	51.72	62.47	66.00	67.25	40.4	40.3	39.7	39.1	1.28	1.55	1.63	1.72
Connecticut.....	59.69	78.21	82.57	84.60	41.6	41.6	41.7	40.7	1.43	1.88	1.98	2.08
<b>Middle Atlantic:</b>												
New York.....	59.55	75.17	78.96	81.57	39.3	39.5	39.6	39.2	1.52	1.90	1.99	2.08
New Jersey.....	61.65	79.16	82.98	85.23	40.8	40.7	40.5	39.9	1.51	1.94	2.05	2.14
Pennsylvania.....	57.01	75.20	80.20	83.16	39.7	40.0	40.1	39.6	1.43	1.88	2.00	2.10
<b>East North Central:</b>												
Ohio.....	86.74	90.81	93.36	94.11	41.1	41.0	40.2	40.2	2.11	2.21	2.32	2.32
Indiana.....	64.34	83.47	86.66	90.50	41.0	41.2	40.7	40.2	1.57	2.03	2.13	2.25
Illinois.....	62.69	82.27	86.15	88.67	40.9	41.2	41.0	40.3	1.53	2.00	2.10	2.20
Michigan.....	71.30	94.94	94.98	97.04	41.5	42.3	40.8	40.0	1.72	2.21	2.33	2.44
Wisconsin.....	61.71	80.61	84.25	86.10	41.9	42.0	41.7	40.9	1.47	1.92	2.02	2.10
<b>West North Central:</b>												
Minnesota.....	59.06	78.30	81.01	84.03	41.1	41.3	40.8	40.2	1.44	1.90	1.99	2.09
Iowa.....	58.16	75.73	78.37	82.40	41.5	41.1	40.4	40.0	1.40	1.84	1.94	2.06
Missouri.....	54.99	71.24	75.60	78.03	39.9	39.9	39.8	39.3	1.38	1.79	1.90	1.98
North Dakota.....	54.47	68.45	75.53	80.89	44.2	44.4	43.7	42.8	1.23	1.54	1.73	1.89
South Dakota.....	54.88	72.49	76.64	80.02	43.0	45.3	44.8	44.0	1.28	1.60	1.71	1.82
Nebraska.....	53.23	71.83	75.19	78.12	42.2	42.2	41.8	41.4	1.26	1.70	1.80	1.89
Kansas.....	59.18	80.81	84.42	88.29	41.5	41.9	41.8	41.6	1.43	1.93	2.02	2.12
<b>South Atlantic:</b>												
Delaware.....	58.30	74.70	79.37	84.53	41.0	40.6	40.7	40.3	1.42	1.84	1.95	2.10
Maryland.....	55.46	74.52	79.15	82.03	40.8	40.9	40.8	39.9	1.36	1.82	1.94	2.03
Virginia.....	47.55	59.30	61.81	64.40	40.3	40.9	40.4	40.0	1.18	1.45	1.53	1.61
West Virginia.....	75.45	80.18	83.07	85.07	39.5	39.5	39.5	39.0	1.91	2.03	2.13	2.13
North Carolina.....	43.34	51.46	54.26	55.91	39.4	40.2	39.9	39.1	1.10	1.28	1.36	1.43
South Carolina.....	44.51	53.30	55.61	56.74	40.1	41.0	40.3	39.4	1.11	1.30	1.38	1.44
Georgia.....	43.52	54.00	57.17	59.67	40.3	40.3	39.7	39.0	1.08	1.34	1.44	1.53
Florida.....	46.20	58.10	62.47	65.87	42.3	41.5	41.1	40.6	1.04	1.40	1.52	1.61
<b>East South Central:</b>												
Kentucky.....	71.75	74.29	78.03	80.03	41.0	40.2	39.9	39.9	1.75	1.85	1.95	1.95
Tennessee.....	47.84	60.64	63.20	66.07	40.2	40.7	40.0	39.8	1.19	1.49	1.58	1.66
Alabama.....	47.32	60.34	64.15	69.21	40.1	40.5	39.6	39.1	1.18	1.49	1.62	1.77
Mississippi.....	39.68	49.80	51.73	55.58	41.0	41.5	40.1	39.7	.97	1.20	1.29	1.40
<b>West South Central:</b>												
Arkansas.....	42.33	53.41	56.30	58.11	41.5	41.4	40.5	39.8	1.02	1.29	1.39	1.46
Louisiana.....	50.63	69.55	74.98	78.71	40.5	41.9	41.2	40.8	1.25	1.66	1.82	1.93
Oklahoma.....	57.10	73.87	78.66	80.59	42.3	41.5	41.4	40.7	1.35	1.78	1.90	1.98
Texas.....	57.10	75.78	80.32	84.40	42.3	42.1	41.4	41.2	1.35	1.80	1.94	2.05
<b>Mountain:</b>												
Montana.....	64.58	85.69	91.30	86.43	40.1	41.3	41.3	39.1	1.61	2.08	2.21	2.21
Idaho.....	64.78	81.54	84.67	81.44	41.0	41.6	41.3	40.4	1.58	1.96	2.05	2.09
Wyoming.....	68.36	83.23	89.73	92.17	39.4	41.0	40.6	39.9	1.74	2.03	2.21	2.31
Colorado.....	76.92	82.21	87.10	87.10	40.7	40.9	40.7	40.7	1.89	2.01	2.14	2.14
New Mexico.....	58.23	80.78	85.70	89.98	42.2	40.8	41.2	40.9	1.38	1.98	2.08	2.20
Arizona.....	62.63	83.62	90.09	90.51	42.9	41.6	42.1	40.6	1.46	2.01	2.14	2.23
Utah.....	57.94	77.60	83.01	88.36	40.8	40.0	40.1	39.8	1.42	1.94	2.07	2.22
Nevada.....	72.16	86.97	92.10	97.02	42.7	39.0	37.9	38.5	1.69	2.23	2.43	2.52
<b>Pacific:</b>												
Washington.....	67.63	84.68	88.77	90.25	39.0	39.1	39.1	38.6	1.73	2.17	2.27	2.34
Oregon.....	70.00	88.25	89.98	89.20	39.1	39.1	38.3	38.3	1.79	2.26	2.31	2.33
California.....	65.39	85.24	89.93	92.89	39.7	40.5	40.6	40.0	1.65	2.11	2.22	2.32

1 Not strictly comparable with prior years.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement issues.

# No. 286.—ESTIMATED PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES, BY STRAIGHT-TIME AVERAGE HOURLY EARNINGS, BY REGIONS: 1954

[In thousands. As of April. Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Regions: *Northeast*—Conn., Maine, Mass., N. H., N. J., N. Y., Pa., R. I., Vt.; *South*—Ala., Ark., Del., D. C., Fla., Ga., Ky., La., Md., Miss., N. C., Okla., S. C., Tenn., Tex., Va., W. Va.; *Middle West*—Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak., Wis.; *Far West*—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Oreg., Utah, Wash., and Wyo.]

AVERAGE HOURLY EARNINGS	UNITED STATES		NORTHEAST		SOUTH		MIDDLE WEST		FAR WEST	
	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers	Work-ers	Cumu-lative workers
Number of workers..	12,590		4,498		2,564		4,378		1,150	
Average hourly earnings.....	\$1.68		\$1.67		\$1.36		\$1.80		\$1.94	
Under \$0.75.....	23	23	3	3	18	18	2	2	(1)	(1)
\$0.75 and under \$0.90.....	794	817	183	186	501	519	99	100	12	12
\$0.90 and under \$1.00.....	465	1,282	174	360	205	723	79	179	8	20
\$1.00 and under \$1.10.....	648	1,925	233	594	268	991	123	301	19	39
\$1.10 and under \$1.20.....	593	2,518	243	838	203	1,194	127	429	18	57
\$1.20 and under \$1.30.....	675	3,194	291	1,129	181	1,375	169	598	36	92
\$1.30 and under \$1.50.....	1,479	4,672	665	1,794	300	1,676	437	1,035	75	167
\$1.50 and under \$1.70.....	1,946	6,618	766	2,561	275	1,951	758	1,793	147	313
\$1.70 and under \$1.90.....	1,901	8,518	659	3,220	203	2,154	799	2,592	238	552
\$1.90 and under \$2.10.....	1,727	10,245	483	3,703	174	2,328	830	3,423	239	792
\$2.10 and under \$2.30.....	1,024	11,269	321	4,023	105	2,433	428	3,852	169	961
\$2.30 and under \$2.50.....	546	11,815	183	4,206	64	2,497	215	4,067	83	1,045
\$2.50 and over.....	776	12,590	293	4,498	66	2,564	311	4,378	106	1,150

<sup>1</sup> Less than 800 workers.

Source: Department of Labor, Bureau of Labor Statistics; *Factory Workers' Earnings: Distributions by Straight-time Hourly Earnings, April 1954*. (Bulletin No. 1179.)

# No. 287.—PERCENT OF PLANT WORKERS EMPLOYED IN ESTABLISHMENTS HAVING FORMAL PROVISIONS FOR SELECTED SUPPLEMENTARY WAGE BENEFITS IN 17 MAJOR LABOR MARKETS: AUGUST 1956-APRIL 1957

[Data obtained from sample of 4,100 establishments out of more than 21,000, which employ 51 or more workers, within the 17 areas. (In a few industry divisions and areas, the studies were limited to firms employing 101 or more workers.) Excludes data for railroads, government institutions, and construction and extractive industries. Excludes administrative, executive, technical, and professional employees]

AREA	PAID VACATIONS <sup>1</sup>					PAID HOLIDAYS (FULL DAYS) <sup>2</sup>		INSURANCE			Retire- ment pen- sion <sup>4</sup>	
	2 weeks or more		3 weeks or more			4 weeks or more after 20 years	6 to 8	9 or more	Life	Hospi- taliza- tion		Sick- ness pay <sup>3</sup>
	After 1 year	After 5 years	After 5 years	After 10 years	After 15 years							
<b>Northeast:</b>												
Boston.....	40	98	13	26	74	9	50	40	84	74	91	56
Buffalo.....	18	99	7	28	86	7	93	3	91	89	80	75
New York City.....	44	95	15	35	63	6	61	33	92	87	85	74
Philadelphia.....	24	95	5	34	71	3	90	6	93	80	88	59
Pittsburgh.....	6	98	( <sup>5</sup> )	8	92	5	94	2	90	93	95	82
<b>South:</b>												
Atlanta.....	32	83	3	16	42	7	44	1	94	82	72	50
Birmingham.....	6	91	( <sup>5</sup> )	4	73	( <sup>5</sup> )	77	-----	89	76	80	61
Dallas.....	18	88	( <sup>5</sup> )	3	38	( <sup>5</sup> )	46	-----	86	79	58	54
Memphis <sup>4</sup> .....	12	84	( <sup>5</sup> )	6	39	( <sup>5</sup> )	41	-----	72	66	60	42
<b>North Central:</b>												
Chicago.....	18	98	7	30	82	10	90	2	92	88	89	65
Cleveland.....	11	99	( <sup>5</sup> )	15	87	4	93	-----	95	78	85	67
Kansas City.....	19	97	4	12	65	( <sup>5</sup> )	89	2	84	72	77	59
Minneapolis-St. Paul <sup>4</sup> .....	18	99	6	27	72	3	97	-----	88	78	88	58
<b>West:</b>												
Los Angeles-Long Beach.....	38	98	12	25	76	5	92	( <sup>5</sup> )	93	92	67	62
Portland.....	13	100	( <sup>5</sup> )	18	50	3	87	-----	71	79	74	51
San Francisco- Oakland.....	26	100	11	31	87	3	88	( <sup>5</sup> )	94	84	55	63
Seattle.....	43	97	( <sup>5</sup> )	39	71	( <sup>5</sup> )	87	-----	93	90	91	63

<sup>1</sup> A week's pay for a year's service applied to 99 percent of the office workers and 98 percent of the plant workers in virtually every area. <sup>2</sup> Full-day holidays provided annually, exclusive of half holidays.

<sup>3</sup> Unduplicated total of workers receiving paid sick leave or sickness and accident insurance or both.

<sup>4</sup> Includes retirement-type profit-sharing plans that provide for regular payments to retirees for the remainder of their lives. <sup>5</sup> Less than 0.5 percent. <sup>6</sup> Data relate to winter 1955-56.

Source: Department of Labor, Bureau of Labor Statistics; *Wages and Related Benefits, 17 Labor Markets, 1956-57* (Bulletin No. 1202).

# No. 288.—INDEXES OF UNION WAGE RATES AND WEEKLY HOURS IN SELECTED TRADES: 1945 TO 1957

[1947-49 average=100, except for printing where 1948-49 average=100. Data for 1953 to 1957 were collected as of July 1 and cover 53 cities in printing and 52 in the other trades. From 1949 to 1952, however, data were collected as of October 1 for streetcar and bus operators. Relative rates are percentages which indicate changes in minimum hourly wage scales. Relative hours are percentages showing changes in straight-time weekly hours, account not being taken of loss of time from slack work or other causes, nor of overtime work. Year-to-year changes in union scales are based on comparable quotations for each trade weighted by membership for current year. For indexes based on 1939=100, see *Historical Statistics, 1789-1945*, series D 152-163]

TRADE	1945	1949	1950	1951	1952	1953	1954	1955	1956	1957
Building trades, total:										
Rate.....	72.2	106.1	110.7	117.8	125.1	131.6	136.4	141.2	147.7	155.3
Hours.....	101.1	100.1	100.2	100.1	100.1	100.1	100.1	100.1	100.1	100.1
Journeyman:										
Rate.....	73.0	106.0	110.5	117.4	124.6	130.7	135.4	140.0	146.2	153.6
Hours.....	101.2	100.1	100.2	100.1	100.1	100.1	100.1	100.1	100.1	100.1
Helpers and laborers:										
Rate.....	67.0	106.4	112.2	119.9	127.7	136.5	142.4	148.5	157.4	166.6
Hours.....	100.8	100.0	100.0	99.9	100.1	100.1	100.1	100.1	100.1	100.1
Printing trades, total:										
Rate.....	63.5	105.7	107.9	112.4	118.8	123.5	127.1	130.7	134.1	138.9
Hours.....	104.6	99.9	99.8	99.7	99.5	99.5	99.4	99.2	99.1	98.8
Book and job:										
Rate.....	63.1	105.7	108.2	112.1	119.3	124.0	127.6	131.4	134.9	139.9
Hours.....	106.1	99.9	99.8	99.5	99.2	99.2	99.1	98.9	98.7	98.3
Newspaper:										
Rate.....	64.1	105.7	107.4	112.7	117.6	122.3	125.9	128.9	132.1	136.4
Hours.....	101.7	99.7	99.5	99.4	99.3	99.3	99.2	99.1	99.0	98.8
Motortruck drivers and helpers:										
Rate.....	71.5	108.1	111.9	118.2	124.7	134.5	140.2	148.2	155.5	163.9
Hours.....	105.3	99.5	98.8	98.7	98.3	96.4	95.6	95.1	94.3	93.9
Streetcar and bus operators, rate.....	69.9	105.9	110.0	118.2	127.0	129.9	136.4	140.4	145.9	152.

Source: Department of Labor, Bureau of Labor Statistics; published annually in *Monthly Labor Review* and special pamphlets.

# No. 289.—MONTHLY LABOR TURNOVER RATES (PER 100 EMPLOYEES) IN MANUFACTURING INDUSTRIES: 1945 TO 1957

[Data refer to wage and salary workers]

TYPE AND YEAR	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Accession:													
1945.....	6.3	7.0	5.0	4.9	4.7	5.0	5.9	5.8	5.9	7.4	8.6	8.7	6.9
1950.....	4.4	3.6	3.2	3.6	3.5	4.4	4.8	4.7	6.6	5.7	5.2	4.0	3.0
1955.....	3.7	3.3	3.2	3.6	3.5	3.8	4.3	3.4	4.5	4.4	4.1	3.3	2.5
1956.....	3.4	3.3	3.1	3.1	3.3	3.4	4.2	3.3	3.8	4.1	4.2	3.0	2.2
1957.....	2.9	3.2	2.8	2.8	2.8	3.0	3.9	3.2	3.2	3.3	2.9	2.2	1.6
Total separation: <sup>1</sup>													
1945.....	8.3	6.2	6.0	6.8	6.6	7.0	7.9	7.7	17.9	12.0	8.6	7.1	5.9
1950.....	3.5	3.1	3.0	2.9	2.8	3.1	3.0	2.9	4.2	4.9	4.3	3.8	3.6
1955.....	3.3	2.9	2.5	3.0	3.1	3.2	3.2	3.4	4.0	4.4	3.5	3.1	3.0
1956.....	3.5	3.6	3.6	3.5	3.4	3.7	3.4	3.2	3.9	4.4	3.5	3.3	2.8
1957.....	3.5	3.3	3.0	3.3	3.3	3.4	3.0	3.1	4.0	4.4	4.0	4.0	3.6
Quit:													
1945.....	5.1	4.6	4.3	5.0	4.8	4.8	5.1	5.2	6.2	6.7	5.6	4.7	4.0
1950.....	1.9	1.1	1.0	1.2	1.3	1.6	1.7	1.8	2.9	3.4	2.7	2.1	1.7
1955.....	1.6	1.0	1.0	1.3	1.5	1.5	1.5	1.6	2.2	2.8	1.8	1.4	1.1
1956.....	1.6	1.4	1.3	1.4	1.5	1.6	1.6	1.5	2.2	2.6	1.7	1.3	1.0
1957.....	1.3	1.3	1.2	1.3	1.3	1.4	1.3	1.4	1.9	2.2	1.3	0.9	0.6
Discharge:													
1945.....	0.6	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.7	0.6	0.5	0.5	0.4
1950.....	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3
1955.....	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
1956.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.2
1957.....	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Lay-off:													
1945.....	2.3	0.6	0.7	0.7	0.8	1.2	1.7	1.5	10.7	4.5	2.3	1.7	1.3
1950.....	1.1	1.7	1.7	1.4	1.2	1.1	0.9	0.6	0.6	0.7	0.8	1.1	1.3
1955.....	1.2	1.5	1.1	1.3	1.2	1.1	1.2	1.3	1.3	1.1	1.2	1.2	1.4
1956.....	1.5	1.7	1.8	1.6	1.4	1.6	1.3	1.2	1.2	1.4	1.3	1.5	1.4
1957.....	1.7	1.5	1.4	1.4	1.5	1.5	1.1	1.3	1.6	1.8	2.3	2.7	2.6

<sup>1</sup> Includes miscellaneous (incl. military), not shown separately.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and *Employment and Earnings*.

# No. 290.—INJURY-FREQUENCY RATES, 1950, 1955, AND 1956, AND SEVERITY MEASURES, 1956, FOR SELECTED INDUSTRIES

[Frequency rate is average number of disabling work injuries for each million employee-hours worked. Severity rate is average number of days disability for each million employee-hours worked]

INDUSTRY GROUP AND INDUSTRY	INJURY-FREQUENCY RATES			SEVERITY MEASURES, 1956				
				Percent of injuries resulting in—			Average days of disability per case	Severity rate
	1950	1955	1956	Death	Permanent impairment	Temporary-total disability		
<b>Manufacturing</b> .....	14.7	12.1	12.0	0.3	6.3	93.4	59	712
Ordnance and accessories.....	6.2	6.1	5.1	0.9	6.2	92.9	80	461
Food and kindred products.....	18.9	18.6	19.0	0.2	3.9	95.9	45	884
Tobacco manufactures.....	6.8	6.6	7.2	( <sup>1</sup> )	8.1	91.9	38	278
Textile-mill products.....	11.0	9.7	9.9	0.1	5.3	94.6	48	520
Apparel and other finished textile prod.....	6.6	6.9	6.4	0.1	2.3	97.6	28	178
Lumber and wood prod. (exc. furniture) ..	50.2	40.5	38.9	0.4	5.1	94.5	71	2,654
Furniture and fixtures.....	21.0	18.1	17.7	0.2	8.7	91.1	58	1,011
Paper and allied products.....	16.1	12.9	13.1	0.2	6.0	93.8	60	904
Printing, publishing, and allied indus.....	8.2	9.1	9.2	0.1	3.7	96.2	33	305
Chemicals and allied products.....	11.1	8.0	8.1	0.6	4.8	94.6	80	814
Products of petroleum and coal.....	9.3	6.5	6.1	1.4	6.0	92.6	130	844
Rubber products.....	10.0	6.9	7.1	0.3	11.2	88.5	84	611
Leather and leather products.....	10.8	11.8	11.8	0.1	4.5	95.4	35	391
Stone, clay, and glass products.....	20.5	18.9	18.0	0.3	5.0	94.7	66	1,297
Primary metal industries.....	14.8	12.2	12.3	0.6	7.5	91.9	90	1,033
Fabricated metal products.....	19.0	15.4	15.7	0.2	7.9	91.9	59	888
Machinery (exc. electrical).....	13.8	11.1	11.8	0.1	7.2	92.7	49	604
Electrical machinery.....	7.4	5.6	5.2	0.2	9.3	90.5	55	293
Transportation equipment.....	8.3	5.7	5.6	0.3	8.7	91.0	71	368
Instruments and related products.....	7.7	5.8	5.7	0.1	9.2	90.7	38	234
<b>Contract construction</b> .....	41.0	34.5	31.2	0.8	2.5	96.7	85	2,330
<b>Transportation and public utilities:</b>								
Local and interurban rail and bus.....	( <sup>2</sup> )	11.8	11.7	0.4	2.0	97.6	60	710
Trucking and warehousing.....	34.5	28.7	30.2	0.6	1.7	97.7	63	2,064
Telephone communication.....	2.1	0.9	0.8	0.6	1.9	97.5	67	54
Electric and gas utilities.....	13.8	<sup>3</sup> 8.2	7.2	1.7	5.0	93.3	165	1,122
Water-supply systems.....	21.9	<sup>3</sup> 25.8	27.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Wholesale and retail trade</b> .....	12.3	12.6	12.5	0.3	2.5	97.2	43	498
<b>Services:</b>								
Hotels.....	16.0	12.6	11.9	0.1	2.8	97.1	29	342
Laundries and dry cleaning.....	7.2	8.1	7.9	0.3	2.7	97.0	51	423
Automobile repair shops and garages.....	13.0	13.8	14.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Radio broadcasting and television.....	2.5	5.6	5.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Motion pictures and other amusements.....	8.8	9.5	7.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Government, State and local:</b>								
Local transit systems.....	( <sup>2</sup> )	14.2	14.8	0.7	1.8	97.5	75	1,111
Electric and gas utilities.....	( <sup>2</sup> )	16.4	16.8	1.6	1.7	96.7	132	2,212
Local fire protection.....	35.5	28.3	27.1	0.8	1.7	97.5	121	3,285
Police.....	32.4	27.8	27.2	0.6	1.3	98.1	78	2,132

<sup>1</sup> Less than 0.05. <sup>2</sup> Not available.

<sup>3</sup> Comprises private only; prior to 1954 comprised both publicly and privately operated utilities.

Source: Department of Labor, Bureau of Labor Statistics; published periodically in *Monthly Labor Review*, and annual bulletin, *Work Injuries in the United States*.

## No. 291.—DISABLING WORK INJURIES, BY MAJOR INDUSTRY GROUP: 1950, 1956, AND 1957

[In thousands. Includes employees and self-employed]

INDUSTRY GROUP	TOTAL			FATALITIES			PERMANENT DISABILITIES			TEMPORARY-TOTAL DISABILITIES		
	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)	1950	1956	1957 (prel.)
All industries 1.....	1,952.0	1,950.0	18930.0	15.5	14.3	14.2	84.9	84.7	83.8	1,851.6	1,851.0	1,832.0
Agriculture 2.....	340.0	300.0	300.0	4.3	3.6	3.5	(3)	(3)	(3)	(3)	(3)	(3)
Mining and quarrying 3.....	72.0	55.0	55.0	1.0	0.8	0.9	(3)	(3)	(3)	(3)	(3)	(3)
Construction 4.....	205.0	218.0	218.0	2.3	2.6	2.6	8.5	6.1	6.1	194.2	209.3	209.3
Manufacturing 5.....	426.0	420.0	392.0	2.6	2.0	1.9	21.7	24.5	22.8	401.7	393.5	367.3
Transportation 6.....	177.0	175.0	175.0	1.3	1.3	1.3	(3)	(3)	(3)	(3)	(3)	(3)
Public utilities 6.....	24.0	16.0	16.0	0.3	0.2	0.2	0.6	(3)	(3)	23.1	(3)	(3)
Trade, wholesale and retail 6.....	335.0	355.0	355.0	1.5	1.4	1.3	8.1	7.8	7.8	325.4	345.8	345.9
Finance, service, government, and misc. industries 1.....	373.0	411.0	419.0	2.2	2.4	2.5	(3)	(3)	(3)	(3)	(3)	(3)

1 Excludes domestic service.

2 Based on fragmentary data.

3 Included in totals for all industries.

4 Based largely on Bureau of Mines data.

5 Based on small sample surveys.

6 Based on comprehensive survey.

Source: Department of Labor, Bureau of Labor Statistics; published periodically in *Monthly Labor Review* and annual bulletin, *Work Injuries in the United States*.

## No. 292.—TRADE UNION MEMBERSHIP, BY STATES: 1939 AND 1953

STATE	TOTAL MEMBERSHIP (1,000)		AS PERCENT OF NONAGRICULTURAL EMPLOYMENT		STATE	TOTAL MEMBERSHIP (1,000)		AS PERCENT OF NONAGRICULTURAL EMPLOYMENT	
	1939	1953	1939	1953		1939	1953	1939	1953
United States.....	16,518	16,217	21.5	32.6	South Atlantic—Con.				
New England.....	331	982	12.8	27.7	Virginia.....	68	156	12.8	17.4
Maine.....	15	59	7.2	21.4	West Virginia.....	154	224	41.7	44.1
New Hampshire.....	11	43	7.3	24.6	North Carolina.....	26	84	4.2	8.3
Vermont.....	9	20	11.4	18.9	South Carolina.....	12	50	4.0	9.3
Massachusetts.....	209	546	15.5	30.1	Georgia.....	36	136	7.0	15.0
Rhode Island.....	25	83	10.2	27.4	Florida.....	44	136	11.3	16.2
Connecticut.....	63	232	11.3	26.5	East South Central.....	233	561	16.2	22.8
Middle Atlantic.....	1,899	4,238	23.5	36.4	Kentucky.....	85	155	22.5	25.0
New York.....	960	2,052	23.0	34.4	Tennessee.....	71	187	15.3	22.6
New Jersey.....	201	645	16.1	35.2	Alabama.....	64	168	16.1	24.9
Pennsylvania.....	739	1,541	27.6	39.9	Mississippi.....	13	50	6.5	14.7
East North Central.....	1,660	4,572	24.2	39.9	West South Central.....	207	665	10.4	17.5
Ohio.....	429	1,163	24.4	38.0	Arkansas.....	25	68	12.7	21.5
Indiana.....	177	570	21.7	40.0	Louisiana.....	38	136	9.6	19.5
Illinois.....	591	1,369	25.9	39.7	Oklahoma.....	34	87	10.4	16.1
Michigan.....	209	1,062	20.0	43.3	Texas.....	111	375	10.3	16.7
Wisconsin.....	104	419	20.1	38.3	Mountain.....	158	399	19.9	27.5
West North Central.....	468	1,231	19.1	31.5	Montana.....	40	73	36.7	47.0
Minnesota.....	134	328	24.8	38.1	Idaho.....	12	29	13.7	21.5
Iowa.....	74	150	17.3	25.0	Wyoming.....	14	24	26.7	28.6
Missouri.....	180	511	21.9	39.7	Colorado.....	40	114	17.6	27.8
North Dakota.....	8	17	10.9	15.6	New Mexico.....	9	25	11.2	14.2
South Dakota.....	6	17	7.1	14.4	Arizona.....	16	56	16.6	27.7
Nebraska.....	27	69	12.5	19.7	Utah.....	21	57	19.3	26.3
Kansas.....	39	131	13.4	23.9	Nevada.....	6	22	18.2	30.4
South Atlantic.....	475	1,122	13.2	18.3	Pacific.....	677	1,988	27.1	39.0
Delaware.....	6	26	7.8	18.4	Washington.....	175	304	41.3	53.3
Maryland.....	59	204	12.0	25.2	Oregon.....	77	202	30.1	43.1
Dist. of Columbia.....	71	108	21.7	21.2	California.....	424	1,393	23.4	35.7

1 Includes membership of 411,400 for 1939, and 458,500 for 1953, not distributed by State.

Source: National Bureau of Economic Research; Occasional Paper No. 56, *Distribution of Union Membership Among the States, 1939 and 1953*.

### No. 293.—MEMBERSHIP OF NATIONAL AND INTERNATIONAL UNIONS WITH HEAD-QUARTERS IN THE UNITED STATES: 1933 TO 1956

[Estimates based on average number of dues-paying members. Certain unions did not report as members those unemployed, those involved in work stoppages, those in the Armed Forces, apprentices, and retired workers, who were not required to pay dues. Moreover, membership in noninterstate independent or unaffiliated unions is excluded. See also *Historical Statistics, 1789-1945*, series D 218-223]

YEAR	NUMBER OF AFFILIATED UNIONS		MEMBERSHIP <sup>1</sup>					
	American Federation of Labor	Congress of Industrial Organizations	Total (1,000)	Percent of—		American Federation of Labor	Congress of Industrial Organizations	Independent or unaffiliated unions, total membership (1,000)
				Total labor force <sup>2</sup>	Employment in nonagricultural establishments <sup>3</sup>			
1933.....	108	-----	2,857	5.2	11.5	2,127	-----	730
1935.....	109	-----	3,728	6.7	13.4	3,045	-----	683
1938.....	102	42	8,265	14.6	27.8	3,623	4,038	604
1939.....	104	45	8,980	15.8	28.9	4,006	4,000	974
1940.....	105	42	8,944	15.5	27.2	4,247	3,625	1,072
1941.....	106	41	10,489	17.7	28.2	4,569	5,000	920
1942.....	102	39	10,762	17.2	26.1	5,483	4,195	1,084
1943.....	99	40	13,642	20.5	31.4	6,564	5,285	1,793
1944.....	100	41	14,621	21.4	34.1	6,807	5,935	1,879
1945.....	102	40	14,796	21.9	35.8	6,931	6,000	1,865
1946.....	102	40	14,974	23.6	34.9	7,152	6,000	1,822
1947.....	105	40	15,414	23.9	34.0	7,578	6,000	1,836
1948.....	105	40	14,000-16,000	22.8	32.2	7,221	( <sup>4</sup> )	2,200-2,500
1949.....	107	39	14,000-16,000	22.4	33.0	7,241	( <sup>4</sup> )	2,000-2,300
1950.....	107	30	14,000-16,000	22.0	31.9	7,143	( <sup>4</sup> )	2,400-2,800
1951.....	108	33	16,500-17,000	24.2	33.7	7,846	5,000	2,000-2,500
1952.....	109	33	16,500-17,000	23.9	32.9	8,098	5,000	2,000-2,500
1953.....	110	35	17,860	25.2	34.1	10,778	5,252	1,830
1954.....	109	32	17,955	25.1	35.1	10,929	5,200	1,826
1955.....	139	-----	17,749	24.4	33.6	16,062	-----	1,688
1956.....	137	-----	18,477	24.8	33.7	16,904	-----	1,573

<sup>1</sup> Includes Canadian members of labor unions with headquarters in U. S. (987,000 in 1956).

<sup>2</sup> Percentages calculated on union membership excluding Canadian membership.

<sup>3</sup> Midpoint of range used in calculating percentages.

<sup>4</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics, Directory of National and International Labor Unions in the United States*, and records.

### No. 294.—NATIONAL AND INTERNATIONAL UNIONS AND MEMBERSHIP WITH HEAD-QUARTERS IN THE UNITED STATES, BY SIZE CLASS: 1956

[See headnote, table 293]

MEMBERSHIP SIZE CLASS	NUMBER OF UNIONS			Total membership <sup>1</sup> (1,000)	MEMBERSHIP SIZE CLASS	NUMBER OF UNIONS			Total membership <sup>1</sup> (1,000)
	Total	AFL-CIO	Unaffiliated			Total	AFL-CIO	Unaffiliated	
Total.....	189	137	52	18,326	50,000 to 99,999.....	33	29	4	2,281
Under 1,000.....	16	8	8	9	100,000 to 199,999.....	19	16	3	2,570
1,000 to 4,999.....	28	13	15	71	200,000 to 299,999.....	9	8	1	2,052
5,000 to 9,999.....	18	8	10	129	300,000 to 399,999.....	5	5	-----	1,742
10,000 to 24,999.....	27	20	7	415	400,000 to 499,999.....	4	3	1	1,808
25,000 to 49,999.....	24	21	3	835	500,000 to 999,999.....	3	3	-----	2,475
					1,000,000 and over.....	3	3	-----	3,939

<sup>1</sup> Excludes membership of federal labor unions and local industrial unions.

Source: Department of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in the United States, 1957*. (Bulletin No. 1222.)

## No. 295.—WORK STOPPAGES: 1933 TO 1957

[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, 1789-1945*, series D 224-229, 234]

YEAR	WORK STOPPAGES BEGINNING IN YEAR		WORKERS INVOLVED		MAN-DAYS IDLE DURING YEAR		
	Number	Average duration (calendar days)	Number (1,000) <sup>1</sup>	Percent of total employed <sup>2</sup>	Number (1,000)	Percent of estimated working time <sup>3</sup>	Per worker involved
1933.....	1,695	16.9	1,170	6.3	16,900	0.36	14.4
1935.....	2,014	23.8	1,120	5.2	15,500	0.29	13.8
1938.....	2,772	23.6	688	2.8	9,150	0.15	13.3
1939.....	2,613	23.4	1,170	4.7	17,800	0.28	15.2
1940.....	2,508	20.9	577	2.3	6,700	0.10	11.6
1941.....	4,288	18.3	2,360	8.4	23,000	0.32	9.8
1942.....	2,968	11.7	840	2.8	4,180	0.05	5.0
1943.....	3,732	5.0	1,980	6.9	13,500	0.15	6.8
1944.....	4,956	5.6	2,120	7.0	8,720	0.09	4.1
1945.....	4,750	9.9	3,470	12.2	38,000	0.47	11.0
1946.....	4,985	24.2	4,600	14.5	116,000	1.43	25.2
1947.....	3,693	25.6	2,170	6.5	34,600	0.41	15.9
1948.....	3,419	21.8	1,960	5.5	34,100	0.37	17.4
1949.....	3,606	22.5	3,030	9.0	50,500	0.59	16.7
1950.....	4,843	19.2	2,410	6.9	38,800	0.44	16.1
1951.....	4,737	17.4	2,220	5.5	22,900	0.23	10.3
1952.....	5,117	19.6	3,540	8.8	59,100	0.57	16.7
1953.....	5,091	20.3	2,400	5.6	28,300	0.26	11.8
1954.....	3,468	22.6	1,530	3.7	22,000	0.21	14.7
1955.....	4,320	18.5	2,650	6.2	28,200	0.26	10.7
1956.....	3,825	18.9	1,900	4.3	33,100	0.29	17.4
1957.....	3,673	19.2	1,390	3.1	16,500	0.14	11.4

<sup>1</sup> Workers counted more than once if involved in more than one stoppage during year.

<sup>2</sup> Total employed workers for 1933-1950 refers to all workers except those in occupations and professions in which there is little if any union organization or in which stoppages rarely if ever occur. In 1951, concept was changed to coincide with the Bureau's figures for nonagricultural employment, excluding Government but including workers in all occupational groups. Tests show that percentage of total idleness computed on basis of these new figures usually differs by less than one-tenth of a point while percentage of workers idle differs by about 0.5 or 0.6 of a point.

<sup>3</sup> Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.

## No. 296.—WORK STOPPAGES—MAJOR ISSUES INVOLVED AND DURATION: 1955 TO 1957

[See headnote, table 295. Data by issues based on stoppages beginning in year; duration data based on stoppages ending in year. See also *Historical Statistics, 1789-1945*, series D 230-238]

MAJOR ISSUES AND DURATION	WORK STOPPAGES			WORKERS INVOLVED <sup>1</sup> (1,000)			MAN-DAYS IDLE DURING YEAR (1,000)		
	1955	1956	1957	1955	1956	1957	1955	1956	1957
MAJOR ISSUES									
All issues.....	4,320	3,825	3,673	2,650	1,900	1,390	28,200	33,100	16,500
Wages and hours <sup>2</sup> .....	2,154	1,821	1,730	1,780	1,270	752	17,900	24,300	11,600
Union organization, wages and hours <sup>2</sup> .....	305	329	309	143	81	39	4,690	5,070	895
Union organization.....	539	445	442	101	102	33	2,840	1,100	898
Other working conditions.....	964	862	837	550	375	444	2,690	2,160	2,630
Interunion or intraunion matters.....	299	317	326	66	68	116	295	423	484
Not reported.....	59	51	29	9	5	3	26	23	13
DURATION									
All stoppages.....	4,317	3,821	3,675	2,570	1,930	1,450	25,100	37,500	16,800
1 day.....	582	554	453	227	149	135	227	149	135
2 and 3 days.....	714	610	546	714	209	189	1,010	450	374
4 days and less than 1 week.....	627	561	563	248	218	351	806	745	1,220
1 week and less than 1 1/2 month.....	927	796	790	688	291	242	3,190	1,950	1,620
1 1/2 and less than 1 month.....	699	622	600	258	282	261	3,730	3,490	3,220
1 and less than 2 months.....	460	405	466	284	581	168	7,220	14,900	4,560
2 and less than 3 months.....	171	161	133	91	66	68	4,070	2,610	3,130
3 months or more.....	137	132	124	60	146	42	4,840	13,300	2,680

<sup>1</sup> See footnote 1, table 295. <sup>2</sup> Includes supplementary benefits.

Source of tables 295 and 296: Department of Labor, Bureau of Labor Statistics; May issues of *Monthly Labor Review* and annual bulletin, *Analysis of Work Stoppages*.

## No. 297.—WORK STOPPAGES, BY INDUSTRY GROUPS: 1950 TO 1957

[See headnote, table 295. Work stoppages affecting more than one industry are counted as separate stoppages in each industry affected, and the workers involved and man-days idle allocated among the appropriate industries]

INDUSTRY GROUP	WORK STOPPAGES BEGINNING IN—							WORKERS INVOLVED <sup>1</sup> (1,000)							MAN-DAYS IDLE DURING YEAR (1,000)						
	1950	1953	1954	1955	1956	1957	1950	1953	1954	1955	1956	1957	1950	1953	1954	1955	1956	1957			
All industries.....	4,843	5,091	3,468	4,320	3,825	3,673	2,410	2,400	1,530	2,650	1,900	1,390	38,800	28,300	22,600	28,200	33,100	16,500			
MANUFACTURING																					
Ordnance and accessories.....	2	23	11	13	15	11	1	21	4	11	11	8	6	164	58	140	91	121			
Food and kindred products.....	185	213	157	169	160	155	57	68	74	40	71	43	691	1,210	694	974	513	574			
Tobacco manufactures.....	5	4	2	3	4	1	1	2	(2)	(2)	(2)	(2)	33	21	(3)	(3)	21	(2)			
Textile-mill products.....	147	88	65	96	70	47	48	27	28	48	18	14	686	593	573	1,400	426	212			
Lumber and other finished products, etc.	137	193	135	129	129	136	24	36	22	19	14	12	228	296	145	1,136	173	215			
Furniture and fixtures.....	106	125	70	81	47	66	24	30	82	13	16	12	700	512	200	227	82	290			
Paper and allied products.....	76	44	37	67	51	55	10	15	10	14	15	13	315	269	189	287	243	175			
Printing, publishing, and allied industries	54	44	30	29	31	32	39	37	18	40	38	25	360	222	77	197	233	256			
Chemicals and allied products.....	96	107	77	105	92	97	39	37	18	40	38	25	740	245	103	176	105	199			
Products of petroleum and coal.....	22	10	13	18	19	23	16	3	2	3	8	8	795	823	189	634	399	381			
Rubber products.....	136	102	83	105	65	54	136	141	108	124	81	48	382	403	81	51	174	233			
Leather and leather products.....	84	48	38	50	54	56	25	12	6	40	9	11	157	90	53	342	74	100			
Stone, clay, and glass products.....	132	128	106	110	113	106	45	19	21	33	76	32	652	316	393	463	994	614			
Primary metal industries.....	309	312	156	279	235	232	142	202	80	535	573	118	1,180	1,610	932	1,570	12,700	1,150			
Fabricated metal products (exc. ordnance, machinery, and transportation equip.).....	278	291	175	282	229	237	86	102	42	131	88	59	989	1,600	1,200	1,590	1,420	713			
Machinery (except electrical).....	317	286	173	306	211	230	224	126	64	230	113	90	4,410	2,150	1,303	3,000	3,630	1,380			
Electrical machinery.....	168	137	110	147	106	104	132	77	57	202	63	45	1,420	1,620	1,010	2,300	3,050	1,380			
Transportation equipment.....	171	179	84	200	145	160	368	300	107	440	123	167	8,540	2,730	656	1,910	1,800	1,170			
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	26	41	24	30	33	25	23	11	19	34	7	7	153	246	145	694	134	202			
Miscellaneous manufacturing industries.....	96	105	85	99	89	80	19	21	14	14	16	15	237	280	186	191	295	201			
NONMANUFACTURING																					
Agriculture, forestry, and fishing.....	12	14	11	11	6	6	21	8	3	3	2	2	152	113	60	14	10	34			
Mining.....	508	460	249	343	321	198	196	156	111	114	129	56	9,700	846	845	1,080	1,320	240			
Construction.....	611	639	804	733	784	785	237	574	437	204	231	308	8,000	4,800	4,800	1,810	2,680	3,970			
Trade.....	381	408	298	408	336	372	70	71	53	62	37	63	927	1,050	1,690	1,090	558	654			
Finance, insurance, and real estate.....	31	13	10	8	13	10	13	7	1	1	1	1	53	22	14	27	38	23			
Transportation, communication, etc.	336	372	282	275	243	209	405	256	146	263	130	169	2,380	2,380	1,410	4,860	1,170	2,010			
Services—personal, business, and other.....	182	145	104	121	126	122	14	14	8	18	11	9	161	202	83	488	227	146			
Government—administration, protection and sanitation.....	28	30	10	17	27	12	4	6	2	1	3	1	33	53	10	7	11	4			

<sup>1</sup> Workers counted more than once if involved in more than one stoppage during year.

<sup>2</sup> Less than 500.

Source: Department of Labor, Bureau of Labor Statistics; published in May issues of *Monthly Labor Review* and annual bulletin, *Analysis of Work Stoppages*.



## No. 298.—WORK STOPPAGES, BY STATES: 1955 TO 1957

[See headnote, table 295. Work stoppages affecting more than one State are counted as separate stoppages in each State affected, and the workers involved and man-days idle allocated among the appropriate States]

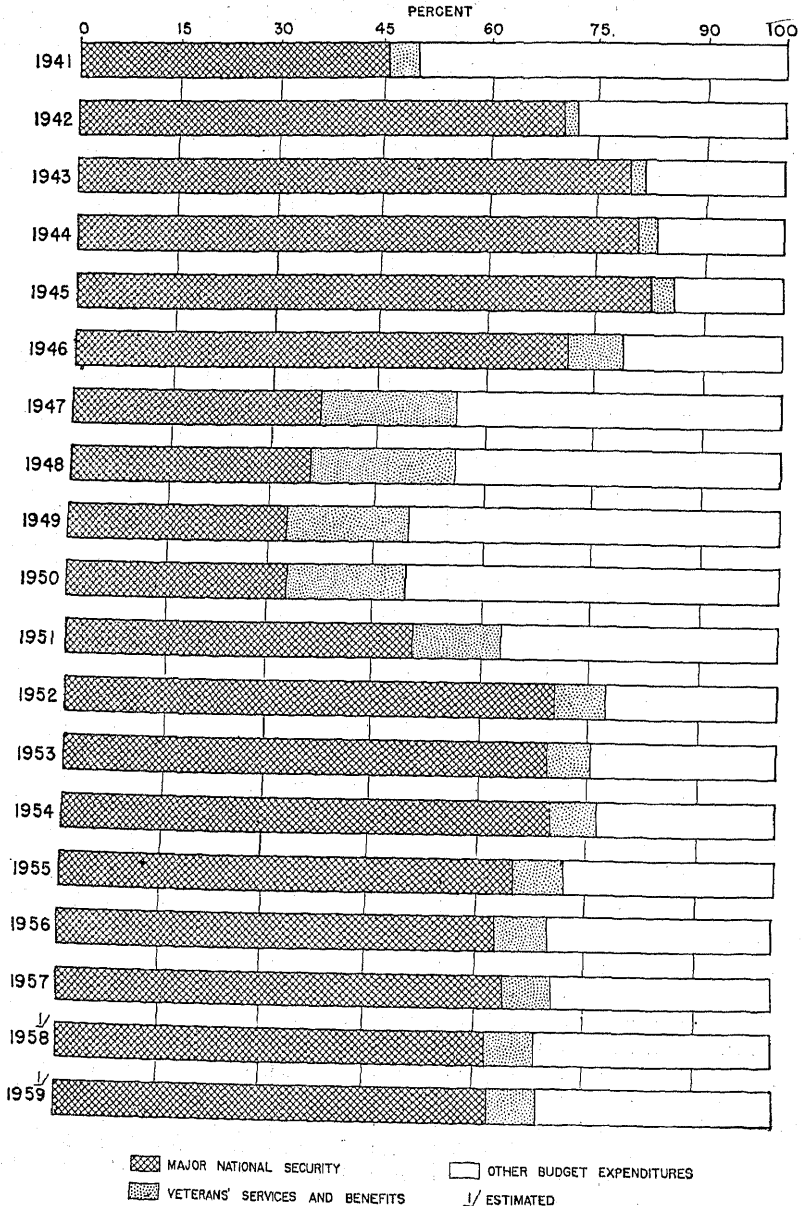
STATE	WORK STOPPAGES BEGINNING IN—			WORKERS INVOLVED <sup>1</sup> (1,000)			MAN-DAYS IDLE DURING YEAR					
							Number (1,000)			Percent of estimated working time <sup>2</sup>		
	1955	1956	1957	1955	1956	1957	1955	1956	1957	1955	1956	1957
<b>United States</b> .....	4,320	3,825	3,673	2,650	1,900	1,390	28,200	33,100	16,500	0.26	0.29	0.14
<b>New England:</b>												
Maine.....	18	16	16	11	1	4	270	12	46	0.47	0.02	0.08
New Hampshire.....	25	10	23	4	(3)	4	25	4	17	0.06	0.01	0.04
Vermont.....	6	8	9	1	1	1	32	9	4	0.15	0.04	0.02
Massachusetts.....	142	170	144	65	55	57	1,230	831	568	0.31	0.20	0.14
Rhode Island.....	28	27	22	13	4	6	261	33	117	0.39	0.05	0.19
Connecticut.....	73	63	65	31	29	13	567	534	162	0.28	0.26	0.08
<b>Middle Atlantic:</b>												
New York.....	534	423	460	219	160	117	2,440	2,980	1,720	0.18	0.22	0.12
New Jersey.....	283	190	238	124	68	68	1,470	1,270	912	0.35	0.29	0.21
Pennsylvania.....	566	520	440	388	300	116	3,350	7,280	1,360	0.40	0.87	0.16
<b>East North Central:</b>												
Ohio.....	434	357	355	329	291	151	2,570	4,720	1,580	0.37	0.66	0.22
Indiana.....	170	136	85	192	110	68	1,140	2,090	351	0.36	0.65	0.11
Illinois.....	260	215	199	167	122	71	1,480	1,750	1,140	0.19	0.22	0.14
Michigan.....	327	210	208	292	99	138	1,740	1,190	1,280	0.31	0.22	0.24
Wisconsin.....	95	62	68	45	28	27	849	537	288	0.34	0.21	0.11
<b>West North Central:</b>												
Minnesota.....	75	43	64	27	30	17	323	600	162	0.17	0.32	0.08
Iowa.....	45	56	37	23	21	12	294	302	107	0.22	0.22	0.08
Missouri.....	111	117	111	64	39	48	871	444	874	0.30	0.15	0.30
North Dakota.....	7	6	4	(3)	(3)	(3)	4	2	4	0.02	0.01	0.02
South Dakota.....	3	6	1	1	1	1	6	6	2	0.03	0.03	0.01
Nebraska.....	22	24	17	4	5	3	56	44	9	0.08	0.06	0.01
Kansas.....	20	27	31	5	4	10	39	25	248	0.03	0.02	0.21
<b>South Atlantic:</b>												
Delaware.....	19	16	18	10	5	3	69	76	37	0.21	0.22	0.11
Maryland.....	50	29	49	40	42	23	286	896	371	0.13	0.45	0.19
District of Columbia.....	15	8	9	5	2	2	145	9	16	0.23	0.01	0.03
Virginia.....	56	40	44	12	13	10	94	131	100	0.05	0.06	0.05
West Virginia.....	160	191	139	35	68	58	312	589	390	0.30	0.54	0.34
North Carolina.....	49	22	23	17	10	4	316	293	61	0.14	0.12	0.03
South Carolina.....	11	12	8	5	5	3	83	153	28	0.07	0.13	0.02
Georgia.....	37	40	36	21	13	9	114	193	86	0.21	0.09	0.04
Florida.....	59	68	86	19	12	25	885	205	224	0.45	0.09	0.09
<b>East South Central:</b>												
Kentucky.....	94	109	71	41	26	19	757	239	290	0.59	0.18	0.22
Tennessee.....	107	111	84	47	33	21	845	427	217	0.46	0.25	0.12
Alabama.....	111	101	81	92	63	40	951	1,490	396	0.67	1.00	0.25
Mississippi.....	20	20	15	6	6	5	198	29	18	0.28	0.04	0.02
<b>West South Central:</b>												
Arkansas.....	17	23	11	5	6	5	85	108	19	0.13	0.16	0.03
Louisiana.....	27	42	42	12	26	23	531	438	255	0.35	0.27	0.15
Oklahoma.....	37	42	27	7	11	10	87	154	185	0.08	0.13	0.17
Texas.....	75	76	85	28	44	31	335	872	419	0.07	0.17	0.08
<b>Mountain:</b>												
Montana.....	21	18	20	1	1	1	24	21	21	0.07	0.06	0.06
Idaho.....	18	11	10	4	3	3	104	31	103	0.38	0.10	0.35
Wyoming.....	6	5	2	(3)	(3)	1	5	1	2	0.03	0.01	0.01
Colorado.....	36	33	31	13	15	14	87	297	130	0.10	0.32	0.14
New Mexico.....	12	16	15	7	3	3	95	15	33	0.28	0.05	0.08
Arizona.....	17	12	9	8	8	3	170	121	11	0.38	0.25	0.02
Utah.....	25	24	19	17	13	6	228	91	32	0.33	0.07	0.07
Nevada.....	19	13	11	4	3	2	65	14	13	0.36	0.20	0.07
<b>Pacific:</b>												
Washington.....	50	48	36	15	11	22	125	197	394	0.08	0.12	0.24
Oregon.....	39	27	37	13	7	10	187	67	87	0.19	0.06	0.09
California.....	247	217	235	157	93	104	1,760	1,220	1,570	0.21	0.13	0.16

<sup>1</sup> See footnote 1, table 295.<sup>2</sup> See footnote 3, table 295.<sup>3</sup> Less than 500.

Source: Department of Labor, Bureau of Labor Statistics; annual bulletin, *Analysis of Worked Stoppages*, release, *Work Stoppages by State*, and *Monthly Labor Review*.

FIG. XV.—FEDERAL GOVERNMENT EXPENDITURES FOR MAJOR NATIONAL SECURITY FUNCTIONS AND VETERANS SERVICES AND BENEFITS, IN RELATION TO TOTAL FEDERAL BUDGET EXPENDITURES: 1941 TO 1959

[See table 299]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Bureau of the Budget.

## Section 9

### Military Services and Veterans Affairs

This section presents statistics relating to national defense, several measures of its human and financial costs, and indicators of military personnel, ships, aircraft, and Selective Service operations. Also included are statistics on the various programs and benefits sponsored by the Federal Government for veterans. The principal sources of these data are the Department of Defense, Office of Secretary of Defense; annual reports of the separate Departments of the Army, Navy, and Air Force; the Selective Service System; the *Annual Report of the Administrator of Veterans Affairs*, Veterans Administration; and the *Budget of the United States Government* issued by the Bureau of the Budget.

**Department of Defense.**—Until 1947 the Army, Navy, and Air Force operated under independent jurisdiction answering only to the Commander-in-Chief, the President of the United States. In 1947, as a result of the passage of the National Security Act, a new executive department was established, the National Military Establishment. This department was organized to provide for the coordination and unified direction of the Army, Navy, and Air Force under a civilian Secretary of Defense. The Army, Navy, and Air Force, however, were not merged. Each remained separately administered and retained its individual Department status. Amendments to the National Security Act in 1949 added new powers to the Secretary of Defense and redesignated the National Military Establishment as the Department of Defense.

**Selective Service.**—The Selective Service System is responsible for the registration, examination, classification, selection, and delivery for induction into the Armed Forces of all men required to register under the Universal Military and Training Act, as amended. The act requires the registration of all men who are in the United States between the ages of 18 and 26, and makes those between 18½ and 26 years old liable for service in the Armed Forces. Aliens admitted for temporary residence, however, are not liable for service until they have remained in this country for a period exceeding one year. Deferred persons remain liable for service until they attain 35 years of age. Conscientious objectors who are found to be opposed to any service in the Armed Forces are required to perform civilian work in lieu of induction into the Armed Forces. The act also provides exemptions or deferments from service for many persons for reasons of previous service, essential occupation, etc.

**Veterans Administration.**—The Veterans Administration administers laws authorizing benefits for eligible former and present members of the Armed Forces and for the dependents and other beneficiaries of deceased former members of such forces. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pension for nonservice-connected disability or death; vocational rehabilitation for service-connected disability; education and training; guaranty or insurance of home, farm, and business loans; unemployment compensation; U. S. Government and National Service Life Insurance; servicemen's indemnity in lieu of insurance; hospitalization; domiciliary care; outpatient medical and dental care for service-connected disability; prosthetic and other appliances; special housing for certain seriously disabled veterans; automobiles or other conveyances for certain disabled veterans; burial allowances; and educational assistance to war orphans.

Note.—This section presents data for the most recent year or period available on March 18, 1958, when the material was organized and sent to the printer. In a few instances more recent data were added later.

# No. 299.—FEDERAL GOVERNMENT EXPENDITURES FOR MAJOR NATIONAL SECURITY FUNCTIONS AND VETERANS SERVICES AND BENEFITS, IN RELATION TO TOTAL FEDERAL BUDGET EXPENDITURES: 1915 TO 1959

[In millions of dollars. For years ending June 30. Includes expenditures of agencies other than the Department of Defense and Veterans Administration, for activities primarily related to major national security and veterans' programs. Excludes expenditures for programs which, though closely related to major national security or veterans' services, have a primary relationship to other categories of the functional classification (see table 440). Total budget expenditures have been revised to exclude payments to the railroad retirement trust account other than military service credits. Functional classification revisions for major national security have been carried back through 1939. For further detail as to classification of particular items in 1957, 1958, and 1959, see Special Analysis C of the *Budget of the United States, 1959*, pp. 889-896]

YEAR	Total budget expenditures	MAJOR NATIONAL SECURITY		VETERANS SERVICES AND BENEFITS		YEAR	Total budget expenditures	MAJOR NATIONAL SECURITY		VETERANS SERVICES AND BENEFITS	
		Amount	Per cent of total	Amount	Per cent of total			Amount	Per cent of total	Amount	Per cent of total
1915.....	746	297	39.8	176	23.6	1938.....	6,792	1,030	15.2	581	8.6
1916.....	713	305	42.8	171	24.0	1939.....	8,858	1,075	12.1	560	6.3
1917.....	1,954	602	30.8	171	8.7	1940.....	9,062	1,497	16.5	552	6.1
1918.....	12,662	7,110	56.1	235	1.8	1941.....	13,262	6,036	45.5	566	4.3
1919.....	18,448	13,548	73.4	324	1.7	1942.....	34,046	23,936	70.3	559	1.6
1920.....	6,357	3,997	62.9	332	5.2	1943.....	79,407	63,159	79.5	706	0.8
1921.....	5,058	2,581	51.0	646	12.8	1944.....	95,050	76,846	80.8	945	0.8
1922.....	3,285	929	28.3	686	20.9	1945.....	98,416	81,309	82.6	2,096	2.1
1923.....	3,137	680	21.7	747	23.8	1946.....	60,448	43,207	71.5	4,416	7.3
1924.....	2,890	647	22.4	676	23.4	1947.....	39,032	14,372	36.8	7,381	18.9
1925.....	2,881	591	20.5	741	25.7	1948.....	33,060	11,771	35.6	6,654	20.1
1926.....	2,888	586	20.3	772	26.7	1949.....	39,069	12,907	32.7	6,726	17.0
1927.....	2,837	578	20.4	786	27.7	1950.....	49,617	13,009	32.8	6,646	16.8
1928.....	2,933	656	22.4	806	27.5	1951.....	34,058	22,444	50.9	5,342	12.1
1929.....	3,127	696	22.2	812	26.0	1952.....	65,408	45,963	70.2	4,863	7.4
1930.....	3,320	734	21.1	821	24.7	1953.....	74,274	51,830	69.8	4,298	5.8
1931.....	3,573	733	20.5	1,040	29.1	1954.....	67,772	47,872	70.6	4,256	6.3
1932.....	4,559	703	15.1	985	21.1	1955.....	64,570	42,089	65.2	4,457	6.9
1933.....	4,623	648	14.0	863	18.7	1956.....	66,540	41,825	62.8	4,756	7.1
1934.....	6,694	540	8.1	557	8.3	1957.....	69,433	44,414	63.9	4,793	6.9
1935.....	6,521	711	10.9	607	9.3	1958 est.....	72,788	44,871	61.6	5,034	6.9
1936.....	8,494	914	10.8	2,350	27.7	1959 est.....	73,934	45,836	62.0	5,012	6.8
1937.....	7,756	937	12.1	1,137	14.6						

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government, 1959*. (1950-1959, Special Analysis K.)

# No. 300.—FEDERAL GOVERNMENT EXPENDITURES FOR MAJOR NATIONAL SECURITY FUNCTIONS: 1952 TO 1959

[In millions of dollars. For years ending June 30]

COST CATEGORY, PROGRAM, OR AGENCY	1952	1953	1954	1955	1956	1957	1958 estimate	1959 estimate
Total.....	45,963	51,830	47,872	42,089	41,825	44,414	44,871	45,836
Department of Defense, military.....	38,898	43,610	40,336	35,532	35,791	38,439	38,861	39,779
Military personnel.....	11,152	11,556	10,961	10,643	10,666	10,384	10,343	10,523
Operation and maintenance.....	11,682	10,379	9,357	7,905	8,519	9,214	9,341	9,292
Major procurement and production.....	11,478	17,123	15,958	12,997	12,182	13,649	13,897	13,753
Aircraft.....	4,888	7,416	8,334	8,037	7,146	7,878	7,519	6,904
Missiles.....	169	295	504	718	1,168	2,095	2,917	3,314
Ships.....	624	1,101	1,090	1,009	895	897	1,106	1,296
Other.....	5,797	8,221	6,030	3,232	2,973	2,679	2,294	2,239
Military construction.....	1,819	1,913	1,706	1,582	2,005	1,906	1,933	2,066
Reserve components.....	476	522	584	717	854	1,054	1,168	1,148
Research and development.....	1,164	1,412	1,385	1,391	1,491	1,686	1,801	2,075
Establishment-wide activities.....	729	759	771	654	688	849	948	858
Retired pay.....	329	357	386	419	477	511	563	601
Other.....	400	402	385	236	211	338	385	357
Working capital funds and undistributed.....	398	-54	-386	-358	-615	-303	-510	-240
Proposed civilian personnel pay adjustments.....								205
Mutual security program (military).....	4,429	5,421	4,590	3,755	3,795	3,495	3,145	3,085
Atomic energy program.....	1,670	1,791	1,895	1,857	1,651	1,990	2,300	2,450
Stockpiling and defense production.....	966	1,008	1,045	944	588	490	565	422

<sup>1</sup> Excludes amounts in support of this category, and development, test and evaluation activities which are included in the procurement and other categories shown separately.

<sup>2</sup> Includes military assistance and defense support.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

# No. 301.—DEPARTMENT OF DEFENSE—AVAILABLE FUNDS, OBLIGATIONS, AND EXPENDITURES: 1954 TO 1956

[In millions of dollars. For years ending June 30]

ORGANIZATION UNIT AND APPROPRIATION TITLE	1954			1955			1956		
	Total available cash <sup>1</sup>	Total obligations	Total expenditures	Total available cash <sup>1</sup>	Total obligations	Total expenditures	Total available cash <sup>1</sup>	Total obligations	Total expenditures
<b>Grand total</b> .....	107,779	19,222	44,627	89,501	25,952	38,497	84,986	37,670	39,012
Military functions.....	95,731	16,735	40,484	83,425	27,193	35,539	78,503	34,406	35,705
Army.....	29,654	—375	12,933	23,213	4,766	8,875	19,016	7,496	8,693
Navy.....	25,689	7,474	11,390	23,715	7,082	9,697	22,385	10,528	9,730
Air Force.....	39,363	9,207	15,696	35,434	14,742	16,385	33,948	15,841	16,711
Other.....	1,026	429	464	1,062	601	581	1,214	541	671
Allocations from other agencies.....	373	11	87	601	157	152	374	109	163
Mutual defense assistance.....	10,322	1,902	3,310	4,479	—1,918	2,084	6,853	2,424	2,446
Civil functions.....	879	505	591	722	496	546	832	585	545
Trust and deposit funds.....	473	69	155	375	24	177	358	145	153

<sup>1</sup> Includes unfinanced contract authority.

Source: Department of Defense, Office of the Secretary.

# No. 302.—NET VALUE OF MILITARY PROCUREMENT ACTIONS, BY CATEGORY AND DEPARTMENT: 1951 TO 1957

[In millions of dollars. For years ending June 30. Includes all new prime contracts regardless of amount of contract; debit or credit changes in contracts are included only if they involve \$10,000 or more. Procurement actions cover official awards, amendments, or other changes in prime contracts of military departments and agencies of Department of Defense to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity; however, include job orders, task orders, and delivery orders against such contracts]

PROCUREMENT ACTION AND DEPARTMENT	1951	1952	1953	1954	1955	1956	1957
<b>Total</b> .....	32,649	43,569	31,812	13,279	16,582	19,590	21,458
Army.....	15,672	20,101	9,408	3,110	5,238	4,696	5,456
Navy.....	8,059	10,923	7,907	4,349	4,659	6,240	6,589
Air Force.....	8,918	12,545	14,497	5,820	6,685	8,654	9,413
<b>With business firms for work in U. S., total</b> .....	30,823	41,482	27,822	11,448	14,930	17,750	19,133
Department:							
Army.....	14,631	18,704	7,077	1,946	4,302	3,831	4,446
Navy.....	7,452	10,600	7,283	4,062	4,280	5,642	5,894
Air Force.....	8,740	12,178	13,462	5,440	6,348	8,277	8,793
Type of contract:							
Advertised.....	3,720	4,479	3,089	1,789	2,386	2,815	3,321
Negotiated.....	27,103	37,003	24,733	9,659	12,544	14,935	15,812
<b>With small business firms <sup>1</sup></b> .....	6,436	7,066	4,608	2,902	3,214	3,475	3,783
Department:							
Army.....	4,302	3,060	2,584	1,468	1,834	1,075	1,827
Navy.....	1,213	2,409	1,415	866	804	1,114	1,231
Air Force.....	891	697	609	558	576	686	725
Type of contract:							
Advertised.....	1,799	2,545	2,035	1,160	1,501	1,750	1,973
Negotiated.....	4,637	4,521	2,573	1,762	1,713	1,725	1,810
<b>For work outside U. S. <sup>2</sup></b> .....	762	1,319	3,418	1,411	1,111	1,406	1,602
Army.....	681	1,025	2,016	920	697	729	729
Navy.....	8	59	481	206	215	502	551
Air Force.....	73	235	921	285	199	205	322
<b>Intragovernmental <sup>3</sup></b> .....	1,064	768	572	420	541	434	462
Army.....	360	372	315	244	239	166	178
Navy.....	599	264	143	81	164	96	79
Air Force.....	105	132	114	95	138	172	205
<b>Educational and non-profit institutions <sup>4</sup></b> .....							261
Army.....							103
Navy.....							65
Air Force.....							93

<sup>1</sup> Covers firms not dominant in their fields of operation and employing fewer than 500 persons, and those with 500 or more employees which have been certified by the Small Business Administration as small business firms.

<sup>2</sup> For 1951 and 1952 covers awards by offices located outside continental U. S.; for 1953, awards by offices located outside continental U. S. for work to be performed outside continental U. S.; beginning 1954, all awards for work to be performed outside continental U. S., its Territories and possessions, and Puerto Rico.

<sup>3</sup> Covers purchases made from government agencies other than Department of Defense, and interservice purchases placed by one military service, bureau, or command against contracts executed by other military technical services, bureaus, or commands.

<sup>4</sup> Prior to 1957, included with business firms.

Source: Department of Defense, Office of the Secretary; *Military Prime Contracts with Small Business and Other Contractors, Fiscal Year 1957 Summary*.

## No. 303.—DEPARTMENT OF DEFENSE—REAL AND PERSONAL PROPERTY: 1957

[In millions of dollars. As of June 30]

MILITARY DEPARTMENT AND TYPE OF PROPERTY	Total	Conti- nental United States	Terri- tories and pos- sessions	Foreign countries and afloat	In transit
Department of Defense.....	146,021	114,641	5,086	24,332	1,962
Real property inventory.....	<sup>1</sup> 24,892	<sup>1</sup> 19,535	<sup>1</sup> 2,643	2,714	-----
Construction in progress, cost of work in place.....	<sup>2</sup> 3,790	<sup>2</sup> 3,422	402	966	-----
Personal property inventory.....	<sup>3</sup> 117,339	<sup>3</sup> 92,684	<sup>3</sup> 2,041	20,652	1,962
Army.....	38,371	32,138	992	4,967	274
Real property inventory.....	<sup>1</sup> 8,277	<sup>1</sup> 7,190	<sup>1</sup> 563	524	-----
Construction in progress, cost of work in place.....	<sup>2</sup> 942	<sup>2</sup> 871	93	178	-----
Personal property inventory.....	<sup>3</sup> 29,152	<sup>3</sup> 24,277	<sup>3</sup> 336	4,265	274
Navy (including Marine Corps).....	56,669	42,092	2,180	11,647	750
Real property inventory.....	8,214	6,733	1,175	306	-----
Construction in progress, cost of work in place.....	1,034	724	220	90	-----
Personal property inventory.....	47,421	<sup>4</sup> 34,635	785	<sup>5</sup> 11,251	750
Air Force.....	50,981	40,411	1,914	7,718	938
Real property inventory.....	8,401	5,612	905	1,884	-----
Construction in progress, cost of work in place.....	1,814	1,027	89	698	-----
Personal property inventory.....	<sup>6</sup> 40,766	<sup>6</sup> 33,772	920	5,136	938

<sup>1</sup> Excludes real property under the jurisdiction of the Civil Works Division Office, Chief of Engineers, Department of the Army, in the amounts of: Worldwide, \$3,675,000,000; continental United States, \$3,667,000,000; and Territories and possessions, \$8,000,000.

<sup>2</sup> Excludes \$300,000,000 of work in place on construction under the jurisdiction of the Civil Works Division Office.

<sup>3</sup> Excludes personal property under the jurisdiction of the Civil Works Division Office in the amounts of: Worldwide \$184,200,000; continental United States, \$184,000,000; and Territories and possessions, \$200,000. Includes \$2,000,000 personal property of the Office of the Secretary of Defense.

<sup>4</sup> Includes Reserve Fleet. <sup>5</sup> Includes supplies afloat and active fleet.

<sup>6</sup> Includes \$328,000,000 property, such as aircraft, engines, and scrap in hands of property disposal officers not otherwise reported.

Source: Department of Defense, Office of the Secretary.

## No. 304.—CIVIL DEFENSE—FEDERAL FUNDS OBLIGATED IN THE FEDERAL CONTRIBUTIONS PROGRAM, BY PROGRAM, AND STATE AND CITY EXPENDITURES: 1952 TO 1958

[In thousands of dollars. Represents funds obligated against a specified appropriation, not necessarily in a given fiscal year. In later years, the funds are obligated against a given appropriation over a 2-year period. Federal funds are obligated to help the State and local governments acquire civil defense materials and equipment. Federal contributions are made on the basis of project applications submitted by the States and approved by the Civil Defense Administration. States and territories generally are required to match Federal funds on an equal basis. For Alaska the matching ratio is 70 percent Federal and 30 percent local.]

ITEM	Cumulative, total	1952 to 1954	1955	1955-56	1956-57	1957-58
FEDERAL FUNDS OBLIGATED <sup>1</sup>						
Total.....	65,363	38,035	<sup>2</sup> 1,007	11,070	12,183	2,978
Communications.....	23,158	7,249	-----	7,004	7,201	1,704
Control centers.....	9	-----	-----	-----	-----	0
Engineering.....	890	-----	-----	254	472	104
Fire service.....	8,851	<sup>3</sup> 8,851	-----	-----	-----	-----
Health and special weapons defense.....	15,084	11,523	-----	1,771	1,068	122
Helicopter.....	102	-----	-----	-----	81	21
Police services.....	185	-----	-----	18	120	48
Public information.....	824	<sup>4</sup> 272	-----	244	238	69
Rescue service.....	2,672	1,640	-----	537	336	150
Training and education.....	5,538	3,880	-----	650	707	342
Warning device and voice sound systems.....	7,563	<sup>4</sup> 397	<sup>1</sup> 097	511	1,205	294
Welfare services.....	334	<sup>4</sup> 134	-----	71	74	55
Other services <sup>5</sup> .....	102	771	-----	10	20	-----
STATE AND CITY EXPENDITURES <sup>6</sup>						
State expenditures <sup>7</sup> .....	83,034	<sup>10</sup> 48,520	17,346	17,168	-----	-----
City expenditures <sup>8</sup> .....	34,613	<sup>10</sup> 20,394	7,407	6,812	-----	-----

<sup>1</sup> Includes Territories and possessions.

<sup>2</sup> Reappropriation of unused 1954 funds for use in attack warning program only.

<sup>3</sup> In effect for 1952 and 1953 only.

<sup>4</sup> 1953 only; included with training and education for 1952 and 1954. <sup>5</sup> 1953 and 1954.

<sup>6</sup> Police items mostly for 1953 and evacuation studies for 1955-56 and 1956-57. <sup>7</sup> 1953.

<sup>8</sup> Represents total expenditures of State and specified city governments for all phases of civil defense; only a part of this money was used to match Federal funds.

<sup>9</sup> Represents the expenditures of State and specified city governments from their Civil Defense appropriations for all programs. State data include funds received from Federal government. City data comprise 41 cities of 250,000 inhabitants or more in 1950. <sup>10</sup> 1951 to 1954.

Source: Federal Civil Defense Administration, Battle Creek, Mich.; *Annual Statistical Report*.

No. 305.—MILITARY PERSONNEL ON ACTIVE DUTY: 1940 TO 1957

[As of June 30. Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty. Warrant officers and flight officers included under officers; Military Academy Cadets, Naval Academy Midshipmen, Air Force Academy Cadets, and other officer candidates under enlisted men. Excludes Coast Guard]

YEAR	Grand total	ARMY <sup>1</sup>			NAVY			MARINE CORPS			AIR FORCE <sup>2</sup>			Army personnel assigned to Air Force command <sup>3</sup>
		Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	
BOTH SEXES														
1940	458,365	269,023	18,326	250,697	100,997	13,604	147,393	28,345	1,800	26,545				
1941	1,801,101	1,462,315	90,536	1,362,779	284,427	29,082	255,335	54,355	3,389	51,020				
1942	3,888,791	3,075,608	260,422	2,809,186	640,370	69,584	571,008	142,613	7,138	135,475				
1943	9,044,745	6,994,472	579,576	6,414,896	1,741,750	179,676	1,562,074	308,592	21,384	287,139				
1944	11,451,719	7,994,750	7,217,770	7,217,770	2,981,365	276,153	2,705,212	473,680	32,788	437,816				
1945	12,123,455	8,267,958	8,267,958	7,376,295	3,390,817	331,379	3,058,937	571,008	37,067	437,613				
1946	3,090,088	1,891,011	287,144	1,603,867	983,368	141,161	842,297	153,679	14,200	141,471				
1947	1,582,989	991,285	132,504	858,781	498,661	52,484	446,227	93,053	7,305	85,547				
1948	1,445,910	554,030	68,178	485,852	419,162	45,416	373,746	84,988	6,907	78,081				
1949	1,615,360	660,473	77,272	583,201	449,375	47,975	401,600	85,965	7,250	78,715				
1950	1,480,261	593,167	72,566	520,601	381,538	44,641	336,897	74,279	7,254	67,025				
1951	3,635,912	1,836,419	143,427	1,447,992	824,265	82,247	742,018	231,967	16,413	215,554				
1952	3,565,067	1,533,815	145,633	1,388,182	794,440	81,731	712,709	249,219	18,731	230,488				
1953	3,302,104	1,404,963	128,208	1,276,750	725,720	77,280	648,440	223,868	18,593	205,275				
1954	2,935,107	1,291,246	121,947	987,349	660,695	74,527	586,140	205,170	18,417	186,753				
1955	2,806,441	1,025,778	118,364	907,414	669,925	71,770	598,155	200,780	17,809	182,971				
1956	2,795,798	997,994	111,187	886,807	677,108	73,703	603,405	200,861	17,434	183,427				
FEMALE														
1941	6,104	5,433	5,433		671	671								
1942	14,253	12,475	12,475		1,778	1,778								
1943	126,171	91,553	36,227	55,326	30,975	16,010	21,717	3,643	244	3,399				
1944	210,542	119,074	77,087	77,991	16,010	18,567	57,981	17,477	797	16,680				
1945	265,006	153,716	92,856	90,780	18,567	19,567	73,286	18,437	831	73,286				
1946	58,007	33,374	16,675	16,699	22,413	8,391	14,022	2,220	163	2,057				
1947	22,069	10,982	5,193	5,193	2,447	2,447	7,746	580	45	535				
1948	45,934	17,434	7,206	10,218	11,268	4,026	7,242	2,462	115	2,347				
1949	45,485	15,261	6,501	8,787	10,218	3,273	8,008	2,602	160	2,502				
1950	38,600	12,594	5,807	7,716	10,218	3,273	8,008	2,602	163	2,339				
1951	35,191	12,938	5,222	7,716	8,008	2,852	6,214	2,243	135	2,113				
1952	33,646	12,646	4,876	7,770	8,008	2,852	6,214	2,243	113	1,634				
1953	32,173	11,790	4,574	7,156	7,688	2,831	5,357	1,617	107	1,510				
1940-47 includes Army personnel assigned to Air Force command														

<sup>3</sup> Included in Air Force data.

<sup>4</sup> Includes 5,787 Army personnel in training for assignment to Air Force Command.

Source: Department of Defense, Office of the Secretary of Defense; annual reports of the Departments, and Departmental records.

1940-47 includes Army Air Forces and predecessor agencies; 1948, 5,419 Air Force personnel assigned to Army Command, 3 of which are female; and 1949, 119 Air Force personnel assigned to Army command, 1 of which is female. Excludes Army personnel assigned to Air Force Command.  
<sup>2</sup> Includes Army personnel assigned to Air Force Command; excludes Air Force personnel assigned to Army Command. See footnote 1.

## No. 306.—COAST GUARD PERSONNEL ON ACTIVE DUTY: 1940 TO 1957

[As of June 30]

YEAR	Total	Officers <sup>1</sup>	Cadets	Enlisted	YEAR	Total	Officers <sup>1</sup>	Cadets	Enlisted
1940.....	13,756	1,351	144	12,261	1940.....	23,548	2,770	204	20,484
1941.....	19,029	1,380	199	17,450	1950.....	23,190	2,906	296	19,988
1942.....	58,908	3,507	205	55,286	1951.....	20,284	3,547	362	25,375
1943.....	154,975	8,338	206	146,431	1952.....	35,082	4,089	357	30,636
1944.....	169,259	11,980	234	157,045	1953.....	34,491	4,083	343	30,065
1945.....	171,192	12,683	219	158,290	1954.....	29,154	3,509	303	25,342
1946.....	26,406	3,240	183	22,983	1955.....	28,007	3,520	533	24,554
1947.....	18,684	2,727	227	15,730	1956.....	28,423	3,578	308	24,537
1948.....	19,863	2,522	261	17,080	1957.....	29,940	3,672	367	25,901

<sup>1</sup> Includes warrant officers.Source: 1942-1945, Navy Department; records. All other years, Treasury Department, United States Coast Guard; *Annual Report of the Secretary of the Treasury*.

## No. 307.—MILITARY PERSONNEL ON ACTIVE DUTY, BY AGE: 1940 TO 1957

[In thousands. Estimated as of July 1. Includes Coast Guard]

AGE	1940 <sup>1</sup>	1945 <sup>1</sup>	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Total.....	464	12,355	1,462	1,610	1,481	3,279	3,661	3,590	3,331	2,964	2,835	2,823
Under 20 years.....	82	1,664	355	417	266	464	490	464	455	545	575	590
20 to 24 years.....	206	4,328	479	544	545	1,718	2,037	2,100	1,848	1,366	1,181	1,156
25 to 29 years.....	80	3,293	290	291	273	504	507	436	446	455	448	428
30 to 34 years.....	44	1,791	181	195	217	329	337	298	279	268	256	254
35 to 39 years.....	29	993	89	91	103	151	165	171	182	200	221	234
40 to 44 years.....	13	173	39	42	46	70	75	73	75	82	97	102
45 and over.....	9	112	29	31	31	41	50	48	46	49	50	60

<sup>1</sup> Based on fragmentary data.

Source: Department of Commerce, Bureau of the Census. Based on Department of Defense data.

## No. 308.—MILITARY PAY RATES: 1865 TO 1955

[Based on weighted averages, annual rates]

YEAR	CURRENT DOLLARS			CONSTANT DOLLARS (1947-49 BASE)		
	All personnel	Officers	Enlisted personnel	All personnel	Officers	Enlisted personnel
Basic pay:						
1865.....	\$231	\$717	\$202	\$537	\$1,667	\$470
1898.....	262	2,101	205	881	6,566	641
1918.....	510	2,141	417	797	3,845	652
1945.....	1,017	2,442	856	1,322	3,176	1,113
1952.....	1,776	4,453	1,473	1,565	3,923	1,208
1955.....	2,067	5,004	1,672	1,805	4,370	1,400
Basic pay plus allowances: <sup>1</sup>						
1865.....	510	1,912	427	1,186	4,447	993
1898.....	528	2,489	444	1,650	7,778	1,388
1918.....	968	2,698	870	1,513	4,216	1,359
1945.....	1,811	3,777	1,587	2,355	4,911	2,063
1952.....	2,940	6,234	2,584	2,590	5,492	2,277
1955.....	3,222	6,787	2,742	2,814	5,928	2,395

<sup>1</sup> Includes the value of quarters, food, and clothing, both in the form of cash allowances to officers and "in kind" to enlisted men. However, does not include the value of medical care, income-tax exemptions, recreational facilities, flight, combat, and other hazardous-duty pays, transportation, Government insurance benefits, etc.Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Volume I, 1956, and records.



# No. 309.—ARMED FORCES PERSONNEL—SUMMARY OF MAJOR CONFLICTS, BY BRANCH OF SERVICE

[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, 73,718 served]

ITEM AND BRANCH OF SERVICE	Civil War <sup>1</sup>	Spanish American War	World War I	World War II	Korean conflict
Personnel serving.....	2, 213, 363	306, 760	4, 743, 826	2 16, 353, 659	3 5, 764, 143
Army.....	2, 128, 948	280, 564	4, 057, 101	11, 260, 000	2, 834, 000
Navy.....	(7)	22, 875	590, 651	4, 183, 466	1, 177, 000
Marines.....	84, 415	3, 321	78, 839	669, 100	424, 000
Air Force.....					1, 285, 000
Coast Guard.....			8, 835	241, 093	44, 143
Average duration of service..... months.....	20	8	12	33	19
Officers..... do.....	(7)	8	14	39	24
Enlisted..... do.....	(7)	8	12	33	18
Overseas service:					
Personnel serving..... percent.....	(7)	29	53	73	56
Army..... do.....		29	52	75	66
Navy..... do.....	(7)	(7)	60	87	18 19
Marines..... do.....	66	56	57	71	33
Air Force..... do.....					39
Average duration <sup>11</sup> ..... months.....	(7)	1. 5	5. 5	16. 2	13. 4
Army..... do.....	(7)	1. 5	5. 5	10. 0	12. 5
Navy..... do.....	(7)	(7)	(7)	(7)	(7)
Marines..... do.....	(7)	3. 3	5. 7	18. 8	13. 0
Air Force..... do.....					17. 0
Casualties: <sup>12</sup>					
Battle deaths.....	140, 414	386	53, 398	291, 557	33, 647
Army.....	138, 154	369	50, 510	234, 874	27, 704
Navy.....	2, 112	10	431	36, 950	476
Marines.....	143	7	2, 457	19, 733	4, 267
Air Force.....					1, 200
Wounds not mortal.....	281, 881	1, 654	203, 376	670, 846	103, 259
Army.....	280, 040	1, 594	193, 663	665, 861	77, 596
Navy.....	1, 710	47	819	37, 778	1, 551
Marines.....	131	13	8, 894	67, 207	23, 744
Air Force.....					368
Enlisted personnel:					
Occupation groupings..... percent.....	100. 00	100. 00	100. 00	100. 00	100. 0
Technical and scientific..... do.....	0. 15	0. 52	3. 66	10. 4	12. 7
Administrative and clerical..... do.....	0. 73	3. 13	7. 99	12. 6	18. 1
Mechanics and repairmen..... do.....	0. 10	0. 95	8. 49	16. 6	15. 3
Craftsman..... do.....	0. 50	0. 14	13. 03	5. 9	4. 7
Service workers..... do.....	2. 41	6. 49	12. 52	9. 6	12. 4
Operatives and laborers..... do.....	2. 01	2. 18	20. 20	6. 1	6. 5
Military-type occupations not elsewhere classified..... do.....	93. 20	86. 59	34. 11	38. 8	30. 3
Selection process for conscription (draftees):					
Classified.....	776, 800		24, 234, 000	36, 677, 000	9, 123, 000
Examined.....	522, 000		3, 764, 000	17, 954, 500	3, 685, 300
Rejected.....	160, 200		802, 518	6, 419, 700	1, 188, 609
Inducted.....	46, 300		2, 820, 000	10, 022, 000	1, 560, 109

<sup>1</sup> Union forces only. Estimates of the number serving in the Confederate forces range from 600,000 to 1,500,000.

<sup>2</sup> Covers period Dec. 1, 1941, to Dec. 31, 1946.

<sup>3</sup> Covers period June 25, 1950, to July 27, 1953.

<sup>4</sup> Covers period Apr. 21 to Aug. 13, 1898.

<sup>5</sup> Includes Air service.

<sup>6</sup> Includes Army Air Corps.

<sup>7</sup> Not available.

<sup>8</sup> Based on Army and Marines only.

<sup>9</sup> Excludes Navy. See footnote 10.

<sup>10</sup> Covers period July 1950 through January 1955. Represents Far East area only.

<sup>11</sup> During hostilities only.

<sup>12</sup> Covers war personnel who departed from continental U. S. through December 1898.

<sup>13</sup> For periods covered, see footnotes 2, 3, 4, and 10.

<sup>14</sup> Includes gassed in action; Army data includes casualties in northern Russia to Aug. 25, 1919, and in Siberia to Apr. 1, 1920. Marine data represent casualties in Europe only.

<sup>15</sup> Excludes personnel lost in sinking of the *Maine*, which occurred 2 months before hostilities.<sup>1</sup>

<sup>16</sup> Includes casualties incurred in October 1941, due to hostile action.

<sup>17</sup> Covers only Army personnel base of 1,903,800.

<sup>18</sup> Covers only Army personnel base of 246,410.

<sup>19</sup> Covers only Army personnel base of 3,665,600.

<sup>20</sup> Covers all services base of 9,370,986.

<sup>21</sup> Covers all services base of 4,428,939.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Volume I, 1950.

## No. 310.—SHIPS OF THE U. S. NAVY: 1950 TO 1955

[As of June 30. Includes vessels in active fleet, reserve (mothball) fleet, under conversion for change of status in shipyards, in custody of or use by district commandants, naval reserve training, and on loan. Excludes service craft and floating dry docks. Later data not available because of military security considerations]

CLASS	1950	1951	1952	1953	1954	1955
Total.....	2,844	3,065	3,149	3,200	2,977	3,029
Total, excluding Military Sea Transportation Service vessels <sup>1</sup> .....	2,659	2,621	2,634	2,634	2,695	2,759
Warships.....	729	720	727	731	740	724
Amphibious warfare vessels.....	761	746	713	701	725	733
Mine warfare vessels.....	212	213	240	240	266	287
Patrol vessels.....	398	424	421	418	420	421
Auxiliary vessels.....	659	518	533	544	554	504
Military Sea Transportation Service vessels <sup>2</sup> .....	185	444	515	566	282	270

<sup>1</sup> Excludes ships under construction, service craft, small boats, and small landing craft.

<sup>2</sup> Comprises all Military Sea Transportation Service ships and miscellaneous craft.

Source: Department of the Navy, Office of the Navy Comptroller.

## No. 311.—AIRCRAFT OF THE U. S. NAVY: 1940 TO 1957

[As of January 1]

TYPE	1940	1941	1942	1943	1944	1945	1946	1947	1948
Total.....	1,661	2,199	5,260	11,813	25,892	36,721	30,535	15,983	14,664
Combat <sup>2</sup> .....	977	1,359	2,471	5,434	15,164	25,780	19,402	8,104	8,805
Transport and utility.....	132	169	303	624	1,367	2,437	2,876	1,268	1,225
Training <sup>2</sup> .....	273	638	2,459	5,714	9,057	7,883	7,280	6,593	4,910
Miscellaneous.....	279	33	27	41	304	621	977	18	24

TYPE	1949	1950	1951	1952	1953	1954	1955	1956	1957
Total.....	14,947	14,015	13,412	13,213	13,694	13,986	14,311	13,710	12,573
Combat <sup>2</sup> .....	8,416	9,465	8,978	8,654	8,767	8,801	8,945	(2)	(2)
Transport and utility.....	1,300	1,231	1,144	776	801	848	958		
Training <sup>2</sup> .....	5,148	3,100	3,072	3,431	3,469	3,506	3,601		
Miscellaneous.....	83	219	218	352	657	831	807		

<sup>1</sup> Partly estimated.

<sup>2</sup> Combat-type airplanes used for training are included with "Training" for 1940-1949, and thereafter with "Combat."

<sup>3</sup> Not available because of military security considerations.

Source: Department of the Navy, Bureau of Aeronautics and Office of the Navy Comptroller.

## No. 312.—AIRCRAFT OF THE U. S. AIR FORCE: 1940 TO 1957

[As of January 1]

TYPE	1940	1941	1942	1943	1944	1945	1946	1947	1948
Total.....	2,546	3,961	12,297	33,304	64,232	72,726	44,782	30,035	23,814
Combat.....	1,047	1,760	4,477	11,607	27,448	41,961	26,077	17,186	13,118
Transport.....	131	124	254	1,857	6,466	10,456	7,500	4,538	3,536
Trainer.....	701	2,069	7,340	17,044	26,051	17,060	7,617	6,297	5,714
Communications.....	7	8	225	2,796	4,267	3,249	3,588	2,014	1,446

TYPE	1949	1950	1951	1952	1953	1954	1955	1956	1957
Total.....	20,068	18,705	18,370	19,994	22,045	25,422	27,904	29,003	28,845
Combat.....	9,031	8,093	8,216	9,179	9,728	11,265	13,147	(1)	(1)
Transport.....	3,712	2,889	2,905	3,271	3,587	4,095	4,404		
Trainer.....	6,177	6,865	6,665	6,672	7,308	8,334	8,646		
Communications.....	1,148	865	584	872	1,422	1,728	1,707		

<sup>1</sup> Not available because of military security considerations.

Source: Department of the Air Force, Office of the Air Force Comptroller.

## NO. 313.—MILITARY AIRCRAFT PRODUCTION, BY TYPE: 1940 TO 1955

[Excludes gliders and targets for all years, and experimental aircraft beginning 1950]

TYPE	1940	1941	1942	1943	1944	1945	1946	1947
<b>Aircraft produced</b> .....	6,028	19,445	47,675	85,433	95,272	46,865	1,417	2,122
Combat.....	2,883	8,540	23,414	53,367	73,903	38,080	1,149	1,226
Transport.....	290	532	1,985	7,013	9,834	4,613	93	98
Training.....	2,731	9,376	17,632	19,942	7,578	1,309	-----	3
Other <sup>1</sup> .....	124	997	4,644	5,111	3,957	2,863	175	795
<b>Airframe weight of aircraft produced</b> 1,000,000 lb..	23.1	81.4	275.8	654.2	961.1	539.4	12.9	11.4
Combat.....do.....	14.7	57.3	211.3	544.8	824.7	455.8	9.5	7.8
Transport.....do.....	2.5	3.8	18.2	55.5	113.6	75.5	2.4	2.5
Training.....do.....	5.6	18.1	39.3	47.1	19.1	3.4	-----	-----
Other <sup>1</sup> .....do.....	0.3	2.2	7.0	6.8	3.7	4.7	1.0	1.1
<b>Aircraft engine production:</b>								
Reciprocating engines.....	22,667	58,181	138,089	227,116	256,789	108,442	1,680	2,683
Jet engines.....	-----	-----	-----	-----	122	1,208	905	1,878

TYPE	1948	1949	1950	1951	1952	1953	1954	1955
<b>Aircraft produced</b> .....	2,536	2,592	2,773	5,446	9,202	10,626	8,740	8,032
Combat.....	2,601	1,972	2,062	2,583	4,965	5,908	6,325	5,399
Transport.....	61	68	176	271	512	784	642	534
Training.....	73	87	351	612	1,425	1,961	1,602	1,438
Other <sup>1</sup> .....	401	465	184	1,980	2,400	1,973	1,171	661
<b>Airframe weight of aircraft produced</b> 1,000,000 lb..	25.1	30.3	35.9	50.2	107.3	138.0	130.4	114.3
Combat.....do.....	22.4	26.7	26.6	32.7	69.4	84.8	87.2	83.1
Transport.....do.....	1.6	2.4	6.7	11.5	24.6	36.5	31.1	20.9
Training.....do.....	0.4	0.5	1.9	3.1	9.5	11.3	9.6	7.4
Other <sup>1</sup> .....do.....	0.7	0.7	0.7	2.9	4.8	5.4	2.5	2.9
<b>Aircraft engine production:</b>								
Reciprocating engines.....	2,495	2,981	3,122	6,471	8,731	13,365	7,568	3,874
Jet engines.....	2,493	5,009	6,239	9,816	16,923	20,251	13,672	9,595

<sup>1</sup> Includes helicopter, liaison, observation, utility, search and rescue, and basic reconnaissance types; however, reconnaissance versions of combat planes are included with combat planes.

Source: Department of Defense, Office of the Secretary.

## NO. 314.—SELECTIVE SERVICE REGISTRANTS EXAMINED, ACCEPTED, AND DISQUALIFIED: 1950 TO 1957

[In thousands. Based on results of preinduction examinations]

ITEM	1950 to 1957, total <sup>1</sup>		1954		1955		1956		1957	
	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent
<b>Examined</b> .....	5,067	100.0	387	100.0	206	100.0	246	100.0	367	100.0
Found acceptable.....	3,356	66.2	227	58.6	127	61.6	161	65.3	231	62.9
Disqualified.....	1,711	33.8	160	41.4	79	38.4	85	34.7	136	37.1
Medically disqualified only.....	798	15.8	88	22.7	36	17.5	37	15.2	59	16.1
Failed mental test only.....	700	13.8	53	13.8	32	15.4	38	15.5	60	16.4
Failed mental test and medically disqualified.....	157	3.1	11	2.9	6	2.8	6	2.4	11	3.0
Administrative disqualification.....	56	1.1	8	2.0	5	2.7	4	1.6	6	1.6

<sup>1</sup> 1950 figures for July through December only. Data for total period (1950-1957) adjusted for examinees disqualified prior to January 1952 for failing the mental test only, but later reexamined and found acceptable under modified mental test procedures.

Source: Department of the Army, Office of the Surgeon General.

### No. 315.—CLASSIFICATION STATUS OF SELECTIVE SERVICE REGISTRANTS, 18½ TO 26 YEARS OLD: 1954 TO 1957

[In thousands. As of December 31. Under the amendments of June 19, 1951, to the Universal Military Training and Service Act, (a) age of military liability was extended to 35 years for certain specified kinds of registrants, and (b) registrants under 19 years of age were made eligible for classification]

CLASSIFICATION STATUS	1954		1955		1956		1957	
	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
Total.....	9,737	100.0	10,179	100.0	10,654	100.0	11,246	100.0
Unclassified.....	192	2.0	503	4.9	844	7.9	882	7.8
Classified.....	9,545	98.0	9,676	95.1	9,810	92.1	10,364	92.2
Available for military service (I-A & I-A-O).....	1,504	16.1	1,727	17.0	1,904	17.9	2,104	18.7
Non-fathers.....					1,385	13.0	1,376	12.2
Not available for induction.....					40	0.4	27	0.3
Induction postponed.....					5	(1)	2	(1)
Fathers 19-25.....					251	2.4	416	3.7
Registrants 26 and over.....					39	0.4	59	0.5
Registrants under 19.....					184	1.7	224	2.0
Inducted or enlisted, including discharges and reserves (I-C).....	3,917	40.2	3,952	38.8	1,631	15.3	1,535	13.7
Available for, in, or released from civilian service (I-O, I-W).....	10	0.1	11	0.1	13	0.1	14	0.1
Member of reserve component or National Guard (I-D).....	299	3.1	267	2.6	269	2.5	433	3.9
Occupational deferments (II-A, II-A (App.), II-C, II-S, and I-S).....	310	3.2	280	2.8	239	2.3	239	2.1
Dependency (III-A).....	1,129	11.6	1,140	11.2	1,122	10.5	1,132	10.0
Veteran (SSS) (IV-A).....	254	2.6	110	1.1	2,276	21.4	2,269	20.2
Physically, mentally, or morally unfit (IV-F).....	1,992	20.4	2,122	20.8	2,293	21.5	2,574	22.9
Miscellaneous deferments (IV-B, IV-C, IV-D).....	70	0.7	67	0.7	63	0.6	64	0.6

<sup>1</sup> Less than 0.05 percent.

Source: Selective Service System, National Headquarters.

### No. 316.—PERCENT DISTRIBUTION OF SELECTIVE SERVICE REGISTRANTS FOUND ACCEPTABLE, BY MENTAL GROUP: 1952 TO 1957

[A mental test is administered to each examinee irrespective of his educational level. Those who attain a percentile score of 10 or higher on the mental test are considered acceptable]

MENTAL GROUP AND PERCENTILE SCORE	1952	1953	1954	1955	1956	1957
Group I (93-100).....	10.8	9.2	11.4	11.3	12.3	13.3
Group II (85-92).....	29.8	26.4	27.3	26.9	27.0	25.9
Group III (31-64).....	30.1	32.8	31.2	31.6	32.6	32.8
Group IV (10-30).....	26.0	27.3	27.8	28.6	27.5	27.7
Administrative acceptances <sup>1</sup> .....	3.3	4.3	2.3	1.6	0.6	0.3

<sup>1</sup> Comprises registrants who failed the test but who were declared acceptable either on the basis of their education or the findings of a personal interview.

Source: Department of the Army, Office of the Surgeon General.

# No. 317.—SUMMARY OF SELECTIVE SERVICE DATA, by STATES AND OTHER AREAS: 1957

[As of June 30. State allocations of registrants forwarded by Selective Service local boards for examination and induction are affected by number of voluntary enlistments and number ordered to active duty as Armed Forces reserves in addition to number deferred and eligible]

STATE OR OTHER AREA	NUMBER OF LIVING REGISTRANTS				Registrants for-warded to Armed Forces <sup>1</sup>	REJECTIONS <sup>2</sup>		Induc-tions <sup>3</sup>	Persons on active duty—net credits <sup>4</sup>
	All ages	18 to 18½	18½ to 26 <sup>1</sup>	26 and over <sup>2</sup>		Prein-duction exami-nation	Induc-tion exami-nation		
<b>Total</b> .....	18,969,850	420,365	10,941,114	7,608,371	4,896,152	1,852,967	148,975	2,357,095	2,531,298
<b>Continental U. S.</b> .....	18,531,816	409,251	10,621,457	7,501,108	4,709,041	1,732,630	144,683	2,283,474	2,487,218
Alabama.....	420,072	9,640	274,838	135,594	114,900	62,780	8,348	48,509	54,460
Arizona.....	98,871	2,309	61,980	34,582	26,024	10,766	398	8,625	16,662
Arkansas.....	247,449	5,490	160,903	81,056	63,281	33,676	4,040	27,579	33,660
California.....	1,206,790	25,449	662,855	518,486	258,880	85,784	7,092	125,322	153,421
Colorado.....	160,612	3,584	92,126	64,902	32,052	9,149	802	15,685	27,722
Connecticut.....	232,783	4,935	119,927	107,921	57,107	17,725	1,215	26,835	32,307
Delaware.....	37,897	914	21,528	15,455	9,698	3,692	178	4,121	3,832
District of Columbia.....	90,027	1,676	46,147	42,204	18,944	7,463	355	9,943	8,426
Florida.....	320,263	8,364	199,146	112,753	74,555	30,787	1,754	33,237	51,436
Georgia.....	452,032	11,364	295,122	145,546	124,562	65,839	3,094	49,536	71,724
Idaho.....	76,909	1,859	45,523	20,527	12,970	3,463	284	8,357	12,409
Illinois.....	1,017,421	21,487	553,581	442,353	277,681	85,612	11,862	146,809	131,917
Indiana.....	490,796	11,629	275,130	204,037	107,990	33,635	3,987	64,553	64,446
Iowa.....	313,651	7,966	178,756	126,929	72,092	16,000	1,685	45,342	49,465
Kansas.....	231,266	5,363	132,132	93,771	50,565	11,538	2,022	28,588	36,312
Kentucky.....	394,438	9,517	245,806	139,055	118,056	53,531	3,078	50,563	55,765
Louisiana.....	352,864	8,068	220,972	123,824	104,515	57,602	4,016	37,307	44,105
Maine.....	115,044	1,994	66,766	46,284	26,439	8,934	442	12,514	20,087
Maryland.....	276,598	6,076	155,249	115,276	72,604	26,087	1,818	33,817	42,377
Massachusetts.....	533,872	10,131	278,083	245,058	109,049	31,526	2,226	56,205	81,153
Michigan.....	814,828	17,261	451,705	345,862	222,430	76,057	5,778	112,819	88,727
Minnesota.....	357,233	8,219	200,356	148,658	86,299	21,439	1,912	48,830	48,378
Mississippi.....	490,796	6,584	199,227	88,746	81,143	45,987	1,984	31,748	32,267
Missouri.....	464,457	9,937	264,021	190,499	123,117	41,327	2,508	64,433	56,696
Montana.....	71,622	1,664	39,170	30,788	14,648	3,308	321	7,775	9,501
Nebraska.....	163,266	3,880	90,147	69,239	36,617	9,451	1,061	24,737	22,354
Nevada.....	18,301	546	10,670	7,085	3,158	944	117	1,997	3,382
New Hampshire.....	62,904	1,290	34,661	26,953	12,174	3,135	253	5,831	10,576
New Jersey.....	551,066	10,981	288,636	252,189	147,415	41,953	2,288	76,716	55,042
New Mexico.....	91,623	2,442	55,793	33,888	19,793	7,818	703	10,049	11,375
New York City.....	900,901	15,647	462,044	423,210	309,846	123,859	14,061	140,048	90,105
New York (except New York City).....	792,546	17,311	439,091	336,144	188,915	56,569	4,556	97,919	95,428
North Carolina.....	580,630	14,103	373,400	193,127	169,482	86,504	6,414	71,905	98,450
North Dakota.....	84,355	1,857	50,318	32,182	25,138	4,575	264	13,262	12,335
Ohio.....	906,133	23,497	521,748	420,888	222,507	70,363	4,423	117,560	109,495
Oklahoma.....	258,036	6,373	173,375	108,083	59,808	18,829	2,683	32,708	36,589
Oregon.....	174,134	3,744	98,003	72,387	33,273	9,133	1,013	17,144	37,332
Pennsylvania.....	1,294,765	26,304	683,915	584,536	319,692	98,844	7,177	163,352	147,823
Rhode Island.....	89,615	1,460	46,119	42,036	25,857	8,842	265	10,201	13,549
South Carolina.....	296,927	7,570	190,690	98,667	87,844	32,831	2,931	32,627	41,994
South Dakota.....	83,991	3,265	45,367	35,359	21,682	5,266	409	13,211	10,551
Tennessee.....	437,193	10,198	279,431	147,564	128,210	59,956	3,981	53,588	68,250
Texas.....	1,020,190	21,900	623,094	375,196	218,295	79,188	10,522	110,540	143,012
Utah.....	96,164	2,238	56,219	37,697	25,097	6,092	420	11,871	10,658
Vermont.....	46,482	1,107	27,356	18,019	10,506	3,297	258	4,860	8,708
Virginia.....	424,566	9,808	257,425	157,363	120,055	58,135	3,080	50,579	67,621
Washington.....	257,547	5,417	143,639	108,491	54,655	15,261	1,271	25,387	48,282
West Virginia.....	280,726	6,442	167,149	107,135	72,941	28,486	1,791	34,214	39,504
Wisconsin.....	421,235	9,596	241,180	170,459	125,052	36,630	2,754	59,628	72,123
Wyoming.....	35,418	790	20,083	14,545	7,362	1,871	182	4,139	5,327
Alaska.....	12,508	259	6,730	5,519	2,716	897	86	1,739	1,175
Canal Zone.....	1,312	36	1,007	269	731	147	6	525	272
Guam.....	5,751	131	5,123	497	2,355	1,074	9	900	2,341
Hawaii.....	17,045	1,535	41,223	28,282	18,933	7,626	198	10,448	16,455
Puerto Rico.....	343,871	9,045	263,095	71,518	166,890	109,513	3,968	53,861	23,181
Virgin Islands.....	3,547	105	2,564	878	2,016	1,030	25	1,088	666

<sup>1</sup> Under amendments of June 19, 1951, to Universal Military Training and Service Act, age of military liability was extended to 35 years for certain specified kinds of registrants.

<sup>2</sup> Legally exempted registrants; no longer liable for service because of age. See also footnote 1.

<sup>3</sup> Cumulative since inception of Universal Military Training and Service Act, as amended, September 1948.

<sup>4</sup> Includes enlistments and deferments between time of preinduction examination and notice of induction.

<sup>5</sup> Cumulative net credits resulting from inductions plus home address reports minus separation reports, as reported by the Armed Forces September 1948 through June 1957. Each State is credited with its inductions as well as its enlistments and reserves called to active duty. Because of time lag in reporting to local boards, credits given for each State are not necessarily in complete accord with present strength of Armed Forces contributed by that State.

Source: Selective Service System, National Headquarters.

### No. 318.—ESTIMATED NUMBER OF VETERANS IN CIVIL LIFE, BY PERIOD OF SERVICE: 1945 TO 1957

[In thousands. As of June 30]

PERIOD OF SERVICE	1945	1946	1947	1948	1949	1950
All veterans <sup>1</sup> .....	6,498	16,655	18,262	18,745	18,943	19,076
Korean conflict <sup>2</sup> .....						
And service in World War II.....						
No service in World War II.....						
World War II <sup>3</sup> .....	2,469	12,687	14,361	14,914	15,182	15,386
And service in Korean conflict.....	2,469	12,687	14,361	14,914	15,182	15,386
No service in Korean conflict.....						
World War I <sup>4</sup> .....	3,821	3,768	3,711	3,651	3,587	3,518
Other wars and Regular Establishment <sup>5</sup> .....	208	200	190	180	174	172

PERIOD OF SERVICE	1951	1952	1953	1954	1955	1956	1957
All veterans <sup>1</sup> .....	18,919	19,338	20,197	20,951	21,861	22,371	22,633
Korean conflict <sup>2</sup> .....	211	867	1,955	2,912	3,999	4,686	5,105
And service in World War II.....	111	439	658	759	828	874	903
No service in World War II.....	100	428	1,297	2,153	3,171	3,812	4,202
World War II <sup>3</sup> .....	15,200	15,369	15,440	15,425	15,405	15,370	15,332
And service in Korean conflict.....	111	439	658	759	828	874	903
No service in Korean conflict.....	15,089	14,930	14,782	14,666	14,577	14,496	14,429
World War I <sup>4</sup> .....	3,452	3,382	3,308	3,230	3,150	3,061	2,971
Other wars and Regular Establishment <sup>5</sup> .....	167	159	152	143	135	128	123

<sup>1</sup> Excludes persons who served in the Armed Forces only in peacetime (Regular Establishment) unless they were receiving Veterans Administration compensation for service-connected disability. A small but unknown number of persons with service in two or more periods prior to the Korean conflict are included more than once. Veterans with service both in World War II and the Korean conflict are counted only once.

<sup>2</sup> Estimated cumulative returns to civil life since June 27, 1950, of all persons who served in the Armed Forces of the United States between that date and January 31, 1955 (including persons who had also served in World War II), less estimated deaths out of service and less estimated returns to active duty from civil life.

<sup>3</sup> Estimated cumulative returns to civil life since September 16, 1940, of all persons who served in the Armed Forces of the United States between that date and July 25, 1947 (including persons who also served in the Korean conflict), less estimated deaths out of service and less estimated returns to active duty from civil life.

<sup>4</sup> Estimated by application of appropriate survival rates to the 1918 age distribution of World War I participants. Includes veterans of Civil War, Indian Wars, Spanish-American War. Only former members of Regular Establishment (peacetime service only) who are receiving Veterans Administration compensation for service-connected disability are included. Spanish-American War totals estimated by application of appropriate survival rates to the 1902 age distribution of living Spanish-American War participants.

Source: Veterans Administration.

### No. 319.—ESTIMATED AGE OF VETERANS IN CIVIL LIFE, BY PERIOD OF SERVICE: 1957

[In thousands. As of June 30]

AGE IN 1957	All veterans	KOREAN CONFLICT		World War II	World War I	Spanish-American War	Other <sup>1</sup>
		Total	No service in World War II				
All ages.....	22,633	<sup>2</sup> 5,105	4,202	<sup>2</sup> 15,332	2,971	55	73
Under 24 years.....	988	985	985				3
25 to 29 years.....	3,533	3,000	2,875	644			14
30 to 34 years.....	4,811	659	300	4,503			8
35 to 39 years.....	4,854	258	28	4,818			8
40 to 44 years.....	2,804	113	8	2,787			9
45 to 49 years.....	1,615	52	4	1,503			8
50 to 59 years.....	1,345	34	2	996			14
60 to 69 years.....	2,560	4		74	2,480		6
70 years and over.....	223	(3)		7	158	55	3
Average age <sup>4</sup> ..... years.....	39.4	27.9	26.3	38.2	63.3	80.0	42.7

<sup>1</sup> Includes former members of the (peacetime) Regular Establishment and veterans of the Indian Wars who were receiving Veterans Administration disability compensation or pension.

<sup>2</sup> Includes 903,000 veterans who had served both in World War II and the Korean conflict.

<sup>3</sup> Less than 500. <sup>4</sup> Computed from 1-year age groups.

Source: Veterans Administration.

# No. 320.—EXPENDITURES FOR VETERANS BENEFITS BY VETERANS ADMINISTRATION AND PREDECESSOR ORGANIZATIONS: TOTAL AND 1942 TO 1957

[In millions of dollars. For years ending June 30]

YEAR	EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS AND TRUST, DEPOSIT, AND WORKING FUNDS							
	Total expenditures <sup>1</sup>	Compensation and pensions	Insurance and servicemen's indemnities <sup>2</sup>	Readjustment benefits				
				Education and training <sup>3</sup>	Vocational rehabilitation <sup>4</sup>	Unemployment and self-employment allowances	Loan guaranty	Direct loans
Total.....	\$ 99,354	42,515	13,241	16,964	2,344	3,805	652	717
To 1941.....	24,527	14,565	2,579		645			
1942.....	643	431	57		( <sup>5</sup> )			
1943.....	620	442	56		( <sup>5</sup> )			
1944.....	723	494	86			1		
1945.....	1,141	733	176	10		8	24	
1946.....	3,383	1,216	341	350	45	1,001	5	
1947.....	6,972	1,732	328	2,119	221	1,448	75	
1948.....	7,041	1,821	767	2,498	333	677	64	
1949.....	6,988	1,891	401	2,704	335	510	40	
1950.....	9,278	2,009	3,109	2,596	272	138	59	
1951.....	5,954	2,036	607	1,943	177	8	90	61
1952.....	5,870	2,106	1,110	1,325	98	( <sup>5</sup> )	78	87
1953.....	5,014	2,376	738	668	58	1	66	93
1954.....	5,075	2,451	870	544	41	( <sup>5</sup> )	45	118
1955.....	5,171	2,634	724	665	41	( <sup>5</sup> )	29	125
1956.....	\$ 5,402	2,749	686	767	38	( <sup>5</sup> )	40	103
1957.....	\$ 5,554	2,829	697	776	31	( <sup>5</sup> )	60	130

YEAR	EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS AND TRUST, DEPOSIT, AND WORKING FUNDS—CON.				EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATION	
	Miscellaneous benefit payments <sup>10</sup>	Medical, hospital, and domiciliary services <sup>11</sup>	Hospital and domiciliary facilities <sup>12</sup>	Administration and other benefits <sup>13</sup>	Total	Transfers to insurance trust funds
Total.....	5,136	9,026	1,095	3,861	88,820	4,832
To 1941.....	4,465	1,485	135	653	22,771	87
1942.....	50	82	4	19	556	5
1943.....	8	87	3	24	606	36
1944.....	10	98	5	29	744	105
1945.....	22	102	16	52	2,085	1,130
1946.....	18	214	34	159	4,425	1,989
1947.....	44	416	154	435	4,741	333
1948.....	40	520	17	393	6,498	144
1949.....	41	574	124	367	6,660	89
1950.....	41	592	152	310	6,628	475
1951.....	63	594	104	271	5,357	45
1952.....	53	663	113	236	4,944	205
1953.....	64	663	88	201	4,354	85
1954.....	52	713	51	192	4,283	73
1955.....	51	697	33	173	4,483	31
1956.....	56	760	27	177	4,802	79
1957.....	59	768	36	169	4,885	20

<sup>1</sup> Excludes transfers from appropriations to insurance trust funds from which the actual payments are made. Expenditures from VA Revolving Supply Fund also excluded to avoid duplication.

<sup>2</sup> Includes direct payments to beneficiaries from insurance appropriations, servicemen's indemnities, and benefits and dividends paid from insurance trust funds. Some noncash transactions, e. g., interest credited to dividends left on deposit also included.

<sup>3</sup> Includes subsistence allowances, tuition, supplies, and equipment of veterans training under Public Law 346, education and training allowances of veterans training under Public Law 550, and war orphans educational assistance under Public Law 634.

<sup>4</sup> Includes subsistence allowances, tuition, supplies, and equipment of veterans training under Public Laws 16 and 894, and vocational rehabilitation allowances for World War I veterans.

<sup>5</sup> Total differs from supporting detail by the net of overpayments collected and written-off as uncollectable under the readjustment benefits appropriation amounting to \$1,140,000 in 1956 and \$647,000 in 1957.

<sup>6</sup> Credit of less than \$500,000.

<sup>7</sup> Includes cumulative adjustment for prior years of \$295,650,997.

<sup>8</sup> Less than \$500,000.

<sup>9</sup> Credit.

<sup>10</sup> Includes statutory burial allowances; automobiles and other conveyances for disabled veterans; homes for paraplegics; payments to participants in yellow fever experiments; military and naval family allowances of World War I veterans; marine and seamen's insurance in World War I; adjusted compensation (World War I bonus); withdrawals of the personal funds of patients held by VA as banker and funds due incompetent beneficiaries; soldier's and sailor's civil relief; vocational rehabilitation revolving fund, and other miscellaneous expenditures.

<sup>11</sup> 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.

<sup>12</sup> Comprises construction and related costs which include expenditures from funds allotted under NRA of 1933, PWA Act of 1938, grants to Republic of Philippines for construction and equipping of a hospital, and amounts transferred to Dept. of Army, Corps of Engineers, for construction of hospitals.

<sup>13</sup> Includes expenses for vocational counseling, travel for certain programs, reporting allowances paid schools for certifying attendance of veteran trainees, private laws for relief, and all administrative salaries and expenses.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs* and records.

# No. 321.—ESTIMATED DISTRIBUTION OF SELECTED FEDERAL EXPENDITURES FOR VETERANS, BY STATES AND OTHER AREAS: 1957

(In thousands of dollars. For year ending June 30)

STATE OR OTHER AREA	Total expenditures	Compensation and pensions <sup>1</sup>	National Service Life Insurance (death benefits)	Vocational rehabilitation (Public Laws 16 and 894)	READJUSTMENT BENEFITS (Public Law 346)		Education and training allowances (Public Law 550)	Administration and other benefits	Hospital and domiciliary facilities (construction and related costs)
					Education and training	Loan guaranty			
Total.....	2 5, 024, 612	2, 828, 516	311, 529	30, 593	6, 908	60, 125	766, 998	936, 436	36, 342
Continental U. S. ....	4, 863, 148	2, 739, 207	295, 213	30, 011	6, 727	60, 121	728, 325	921, 583	36, 029
Alabama.....	106, 670	55, 032	5, 310	314	124	607	23, 232	19, 417	1, 128
Arizona.....	40, 007	22, 069	1, 832	329	51	451	4, 843	8, 409	1, 610
Arkansas.....	67, 395	59, 624	3, 463	323	135	168	8, 388	13, 995	510
California.....	428, 897	233, 631	23, 022	1, 813	602	12, 188	69, 570	77, 299	6, 816
Colorado.....	58, 704	28, 762	2, 971	667	165	753	9, 306	15, 670	43
Connecticut.....	57, 034	34, 265	4, 096	257	39	270	7, 605	10, 013	-----
Delaware.....	9, 809	5, 158	4, 676	27	4	614	833	2, 513	1
Dist. of Col.....	81, 863	20, 481	1, 425	311	224	1, 012	11, 710	43, 735	2, 554
Florida.....	135, 624	87, 059	9, 469	1, 151	236	1, 500	20, 220	16, 182	444
Georgia.....	104, 953	54, 467	5, 816	350	203	1, 792	22, 273	18, 874	61
Idaho.....	18, 656	10, 658	1, 366	158	9	66	2, 935	2, 614	49
Illinois.....	227, 731	118, 739	17, 115	862	616	797	35, 813	51, 325	197
Indiana.....	102, 030	60, 495	7, 238	575	321	190	16, 340	14, 976	729
Iowa.....	78, 108	40, 995	5, 178	664	76	94	14, 971	15, 263	95
Kansas.....	71, 908	32, 584	4, 085	244	36	1, 486	8, 028	16, 184	8, 609
Kentucky.....	90, 111	60, 033	5, 921	517	65	96	11, 053	11, 483	7
Louisiana.....	86, 235	48, 798	4, 002	338	356	515	18, 650	12, 907	650
Maine.....	27, 062	17, 117	1, 973	114	10	177	2, 719	5, 439	110
Maryland.....	63, 307	37, 051	4, 208	131	119	2, 039	5, 329	13, 682	7
Massachusetts.....	191, 946	116, 686	10, 043	1, 777	244	4, 436	21, 437	34, 937	925
Michigan.....	171, 800	105, 139	11, 145	880	155	2, 194	24, 869	25, 883	105
Minnesota.....	105, 028	58, 609	6, 150	718	134	767	16, 211	21, 392	105
Mississippi.....	65, 758	38, 055	3, 392	463	54	234	10, 902	11, 859	199
Missouri.....	119, 956	66, 872	7, 247	893	126	880	21, 929	18, 602	2, 220
Montana.....	18, 682	11, 190	1, 370	155	14	10	2, 783	2, 937	31
Nebraska.....	41, 669	20, 268	2, 647	493	43	39	9, 811	7, 927	35
Nevada.....	5, 758	3, 218	289	17	2	-----	525	1, 645	2
New Hampshire.....	16, 175	10, 036	1, 173	171	10	201	2, 187	2, 104	-----
New Jersey.....	134, 101	85, 980	9, 918	521	76	4, 116	12, 770	19, 354	123
New Mexico.....	27, 401	14, 708	1, 707	151	43	59	4, 147	6, 131	66
New York.....	431, 811	253, 131	26, 762	2, 900	1, 111	2, 962	51, 344	89, 470	677
North Carolina.....	110, 344	58, 329	6, 809	778	89	220	21, 798	20, 693	307
North Dakota.....	18, 493	8, 316	1, 288	175	24	37	5, 144	3, 319	-----
Ohio.....	225, 212	145, 503	14, 751	1, 148	320	609	24, 603	35, 010	1, 288
Oklahoma.....	78, 688	46, 781	4, 711	586	73	1, 061	15, 204	9, 056	392
Oregon.....	51, 113	28, 218	3, 090	399	63	361	6, 618	11, 576	308
Pennsylvania.....	317, 363	183, 039	23, 170	2, 116	440	6, 527	39, 684	59, 240	415
Rhode Island.....	26, 841	15, 902	1, 598	231	16	298	4, 121	4, 425	1
South Carolina.....	64, 052	29, 831	3, 489	276	151	808	12, 612	6, 053	15
South Dakota.....	26, 682	9, 938	1, 319	160	10	80	5, 821	7, 562	1, 554
Tennessee.....	111, 301	59, 089	6, 736	662	135	928	16, 632	25, 772	112
Texas.....	279, 498	157, 312	15, 477	2, 005	356	4, 897	50, 167	44, 826	2, 042
Utah.....	27, 248	10, 943	1, 456	160	60	48	7, 872	6, 412	82
Vermont.....	11, 702	6, 839	793	88	6	148	1, 178	2, 327	182
Virginia.....	88, 655	48, 737	6, 259	449	71	287	9, 781	21, 607	279
Washington.....	80, 547	45, 628	4, 811	446	82	2, 212	11, 203	15, 096	300
West Virginia.....	59, 393	35, 346	4, 325	479	21	95	6, 637	11, 535	193
Wisconsin.....	98, 159	52, 735	6, 435	884	98	722	15, 166	21, 052	100
Wyoming.....	11, 278	4, 851	615	71	15	69	1, 331	4, 141	111
Alaska.....	2, 399	1, 315	172	3	1	-----	156	709	-----
Hawaii.....	10, 250	5, 026	654	132	10	4	2, 059	2, 155	-----
Puerto Rico.....	61, 873	17, 866	433	421	25	-----	34, 113	8, 347	11
U. S. possessions.....	761	634	90	-----	-----	-----	-----	-----	-----
Foreign countries.....	86, 181	64, 468	14, 967	31	145	-----	2, 325	3, 642	302

<sup>1</sup> Compensation or pension benefits paid to living veterans and dependents of deceased veterans, including certain retirement pay.

<sup>2</sup> Includes \$47,160,000 for expenditures not shown separately.

<sup>3</sup> Credit.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.



## VETERANS BENEFITS

255

## NO. 322.—STATE EXPENDITURES FOR VETERANS BENEFITS, BY PROGRAM AND BY STATE: 1947 TO 1955

[In thousands of dollars]

PROGRAM AND STATE	1947	1948	1949	1950	1951	1952	1953	1954	1955
<b>All programs</b> .....	250,301	715,245	573,614	504,178	379,419	189,544	161,912	153,996	119,329
<b>PROGRAM</b>									
Educational services and benefits.....	2,628	2,871	2,969	4,258	5,389	5,071	4,399	4,070	4,011
Pensions, institutional care, and other welfare services.....	21,467	25,787	30,900	31,788	33,901	33,545	33,925	37,925	38,845
Hospitals and other medical services and benefits.....	1,685	2,189	2,984	3,015	2,232	2,575	2,643	2,971	3,105
Veterans service offices.....	8,438	10,062	10,474	10,370	10,366	10,302	10,025	10,352	10,408
Bonus payments.....	158,920	615,311	505,146	443,223	316,311	125,001	96,702	88,787	47,239
Bonus administration.....	1,443	3,555	4,002	3,417	1,692	1,357	687	663	1,005
Veterans housing.....	51,301	50,857	11,440	1,823	1,523	2,085	2,508	3,299	3,050
Administration of veterans loan programs.....	967	883	1,117	1,492	1,820	2,017	2,357	2,505	2,963
Other veterans services.....	3,452	3,730	4,492	4,792	6,185	7,591	7,766	8,424	8,703
<b>STATE</b>									
Alabama.....	647	679	695	577	551	517	590	563	655
Arizona.....	34	20	21	16	15	13	30	31	36
Arkansas.....	163	174	160	153	146	154	150	202	289
California.....	9,286	11,977	8,157	8,055	11,262	8,865	8,672	9,984	9,078
Colorado.....	120	360	361	299	287	261	248	251	323
Connecticut.....	3,513	53,286	4,422	4,288	2,368	2,207	2,379	2,727	3,473
Delaware.....	2	3	3	7,827	216	42	19	18	19
Florida.....	459	429	489	437	427	420	403	414	404
Georgia.....	1,373	1,436	1,352	1,413	1,339	1,240	1,260	1,241	1,179
Idaho.....	68	80	104	128	134	117	126	122	124
Illinois.....	4,950	218,603	105,953	13,148	9,035	6,397	6,158	6,565	5,722
Indiana.....	1,049	1,315	1,526	2,126	1,863	27,024	38,163	63,562	2,090
Iowa.....	599	1,533	2,706	87,577	9,449	3,202	3,807	3,501	3,734
Kansas.....	592	474	504	547	562	484	443	591	674
Kentucky.....	116	119	118	119	112	115	114	107	111
Louisiana.....	662	695	59,756	767	1,706	627	576	507	7,638
Maine.....	528	311	365	416	394	480	499	540	541
Maryland.....	119	109	120	124	88	97	96	110	120
Massachusetts.....	101,798	12,581	9,491	7,655	9,079	11,114	11,391	35,827	25,228
Michigan.....	49,458	171,807	9,348	6,116	4,883	6,116	5,820	6,354	31,217
Minnesota.....	1,167	1,530	1,728	68,714	19,877	2,336	1,519	1,693	1,582
Mississippi.....	274	271	325	314	402	284	339	271	223
Missouri.....	478	501	517	453	629	657	621	533	506
Montana.....	242	201	249	225	250	2,813	18,147	779	554
Nebraska.....	295	318	386	279	298	361	360	406	480
Nevada.....	8	14	16	7	8	10	10	19	21
New Hampshire.....	949	332	226	130	101	120	100	99	98
New Jersey.....	10,473	21,124	7,184	1,232	1,120	1,165	1,133	1,075	1,040
New Mexico.....	25	37	46	66	58	78	78	98	98
New York.....	32,414	199,804	147,770	21,418	7,914	3,522	3,352	3,167	3,084
North Carolina.....	415	403	408	582	566	547	563	577	560
North Dakota.....	43	133	298	26,462	2,541	466	253	254	149
Ohio.....	7,023	1,926	198,027	11,819	2,894	1,785	1,759	2,172	2,403
Oklahoma.....	377	686	861	973	1,275	1,367	1,006	1,089	1,073
Oregon.....	321	341	479	719	710	24,142	26,867	2,053	1,172
Pennsylvania.....	909	1,071	1,301	189,433	223,167	16,728	1,963	1,852	1,454
Rhode Island.....	13,573	5,221	540	431	332	419	426	683	1,498
South Carolina.....	107	388	385	397	369	402	406	428	401
South Dakota.....	200	263	2,837	23,130	3,407	862	310	405	2,486
Tennessee.....	342	361	350	442	400	441	413	372	372
Texas.....	1,292	1,288	1,330	1,424	1,728	1,670	1,612	1,502	1,558
Utah.....	76	72	65	30	23	3	3	3	3
Vermont.....	688	295	188	166	132	338	576	422	509
Virginia.....	464	465	487	465	449	443	512	507	551
Washington.....	1,369	1,076	1,305	11,381	54,409	3,649	2,225	2,267	1,771
West Virginia.....	147	943	184	189	213	52,767	13,995	470	333
Wisconsin.....	1,011	178	886	1,040	1,211	1,517	1,219	1,246	1,242
Wyoming.....	23	12	35	57	1,020	1,100	1,201	1,332	1,443

Source: Department of Commerce, Bureau of the Census; special study, *State Veterans' Benefits Since World War II*, Series G-SS-No. 42.

### No. 323.—VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT RATE, BY PERIOD OF SERVICE: 1940 TO 1957

[As of June 30 or for years ending June 30. Number includes dependents of deceased veterans receiving benefits as well as living veterans receiving pensions, retirement pay, and disability benefits]

DESCRIPTION	VETERANS ON ROLLS						AVERAGE PAYMENT RATE (annual basis) <sup>1</sup>					
	1940	1945	1950	1955	1956	1957	1940	1945	1950	1955	1956	1957
All wars.....	849,298	1,513,586	3,026,361	3,477,089	3,575,305	3,659,467	\$498	\$548	\$669	\$764	\$764	\$776
Living.....	610,122	1,144,088	2,368,238	2,668,786	2,738,505	2,796,512	510	546	646	742	745	748
Deceased <sup>2</sup> .....	239,176	369,498	658,123	808,303	836,800	862,955	467	553	750	837	827	866
War of 1812: Deceased.....	1	1					240	240				
War with Mexico: Deceased.....	130	55	24	9	9	9	580	576	536	476	508	508
Indian Wars.....	6,271	3,788	2,329	1,422	1,352	1,209	492	570	682	731	713	707
Living.....	2,216	1,115	530	188	154	130	736	843	1,186	1,414	1,384	1,398
Deceased.....	4,055	2,673	1,799	1,234	1,198	1,139	358	466	548	627	627	628
Civil War.....	52,522	24,750	11,147	6,021	5,670	5,361	489	469	539	624	622	627
Living.....	2,381	229	15	1	1		1,162	1,188	1,392	1,620	1,620	
Deceased.....	50,141	24,521	11,132	6,020	5,669	5,361	457	462	538	623	622	627
Spanish-American War.....	216,950	200,059	171,608	142,008	141,872	136,374	582	707	868	921	905	893
Living.....	159,230	128,104	91,984	60,125	56,305	50,513	660	861	1,106	1,272	1,273	1,278
Deceased.....	57,720	71,955	79,624	81,883	85,567	85,861	367	433	593	664	664	666
Regular Estab- lishment.....	46,177	56,591	71,235	81,945	85,873	96,578	362	437	673	746	740	805
Living.....	36,051	42,925	53,765	63,209	65,619	73,826	378	430	681	693	676	654
Deceased.....	10,126	13,666	17,470	18,736	20,254	22,752	304	457	802	924	950	1,295
World War I.....	627,247	587,589	805,035	1,077,778	1,145,552	1,215,826	477	545	719	833	836	850
Living.....	410,244	428,589	520,925	715,967	765,103	817,882	459	545	777	912	918	925
Deceased.....	117,003	162,006	284,110	361,811	380,449	397,943	538	546	613	676	669	696
World War II.....		646,753	1,964,983	1,978,398	1,976,310	1,970,540		514	631	705	703	712
Living.....		546,126	1,701,019	1,673,939	1,667,057	1,656,622		482	581	645	645	645
Deceased.....		94,627	263,964	304,459	308,653	313,924		698	953	1,030	1,018	1,064
Korean conflict <sup>3</sup> .....				189,508	218,667	233,605				886	860	852
Living.....				155,357	183,606	197,539				812	791	777
Deceased.....				34,151	35,061	35,906				1,226	1,220	1,203

<sup>1</sup> Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls.

<sup>2</sup> Deceased veterans whose dependents were receiving compensation or pension benefits.

<sup>3</sup> Veterans with service during period June 27, 1950-Jan. 31, 1955.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

### No. 324.—VETERANS RECEIVING COMPENSATION FOR SERVICE-CONNECTED DISABILITIES: 1955 TO 1957

[As of June 30]

PERIOD OF SERVICE	1955			1956			1957		
	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled
Total.....	2,076,026	123,517	1,952,509	2,083,010	121,495	1,961,515	2,074,471	117,326	1,957,145
Korean conflict.....	153,831	17,685	136,146	181,437	19,277	162,160	194,279	18,262	176,017
World War II.....	1,619,498	69,558	1,549,940	1,607,933	66,851	1,541,082	1,561,217	64,010	1,527,207
World War I.....	239,416	28,211	211,205	227,991	27,329	200,662	215,155	26,423	188,732
Spanish-American War.....	400	225	175	338	187	151	287	157	130
Regular Establish- ment.....	62,881	7,838	55,043	65,306	7,851	57,455	73,533	8,474	65,059

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

# No. 325.—U. S. GOVERNMENT LIFE INSURANCE AND NATIONAL SERVICE LIFE INSURANCE POLICIES IN FORCE, BY PLAN: 1956

[Amounts in thousands of dollars. As of June 30. Veterans Administration operates two insurance programs: (a) U. S. Government Life Insurance for veterans of World War I; and (b) National Service Life Insurance for veterans of World War II and later. These two programs are segregated and administered separately in all particulars]

PLAN	U. S. GOVERNMENT LIFE INSURANCE		NATIONAL SERVICE LIFE INSURANCE							
			Fund <sup>1</sup>		Appropriation <sup>2</sup>		Service-disabled veterans fund <sup>3</sup>		Veterans special term fund <sup>4</sup>	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Total.....	368,855	1,607,991	5,435,889	35,673,215	7,294	39,925	26,781	234,406	727,166	6,646,620
5-year term.....	19,973	127,135	3,263,256	25,075,344	3,748	23,761	15,179	141,439	727,166	6,646,620
Ordinary life.....	124,589	630,906	430,888	2,558,654	1,115	5,812	3,383	28,638	-----	-----
20-payment life.....	159,988	691,795	974,261	4,259,254	1,158	4,705	3,725	28,974	-----	-----
30-payment life.....	23,598	121,942	405,593	2,174,454	469	2,199	2,953	24,285	-----	-----
20-year endowment.....	12,318	32,963	147,732	544,956	347	1,188	466	2,559	-----	-----
30-year endowment.....	5,706	25,712	-----	-----	-----	-----	-----	-----	-----	-----
Endowment at age 60.....	-----	-----	92,667	505,916	179	856	484	3,821	-----	-----
Endowment at age 62.....	11,280	55,164	-----	-----	-----	-----	-----	-----	-----	-----
Endowment at age 65.....	-----	-----	56,844	384,894	102	573	367	3,091	-----	-----
Extended insurance.....	8,145	15,213	62,895	216,821	173	821	223	1,598	-----	-----
Paid-up insurance.....	3,258	7,101	2,253	2,922	3	5	1	1	-----	-----

<sup>1</sup> Fund is administered as a trust fund for benefit of policyholders and their beneficiaries. All premiums collected on insurance issued and all interest earned thereon are paid into the fund; disbursements are made from the fund for death claims, dividends, and other benefits. Government, however, bears cost of administration of this fund in addition to expenses for certain types of losses.

<sup>2</sup> Nonparticipating insurance for disabled veterans for whom good health provisions are waived because of disabilities resulting from active service between October 8, 1940, and September 2, 1945.

<sup>3</sup> For veterans discharged on or after April 25, 1951, with service-connected disability which would be compensable, if 10 percent or more in degree.

<sup>4</sup> For veterans who were entitled to indemnity protection under the Servicemen's Indemnity Act of 1951 and who were ordered to active service for a period in excess of 30 days; no medical examination required. Issued only on the 5-year renewable nonconvertible term plan.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs* and records.

# No. 326.—VETERANS ADMINISTRATION PATIENTS RESIDENT IN VA AND NON-VA HOSPITALS: 1953 TO 1956

[As of end of month. Based on sample of VA patient load in VA and non-VA hospitals]

PATIENTS' COMPENSATION AND PENSION STATUS <sup>1</sup>	Jan. 1953	Nov. 1953	Nov. 1954	Nov. 1955	Nov. 1956
All patients.....	104,820	109,964	111,820	114,876	114,484
Treated for SC disabilities (group 1).....	39,202	41,400	42,466	41,928	40,072
Treated for NSC disabilities only but with compensable SC disabilities (group 2).....	10,292	8,558	8,860	9,708	9,832
Treated for chronic NSC disabilities <sup>2</sup> (group 3).....	33,866	37,458	36,728	37,792	39,360
Treated for presumed nonchronic, NSC disabilities, <sup>3</sup> and—					
In receipt of, or filed for, VA pension (group 4).....	9,026	9,766	10,522	11,492	11,304
Filed claim for VA compensation (group 5).....	1,152	1,452	1,300	1,156	924
Filed no claim for VA compensation or pension (group 6).....	10,230	10,390	11,222	12,264	12,492
Status unknown (group 7).....	234	58	56	-----	-----
Nonveterans (group 8).....	818	882	686	586	500

<sup>1</sup> Groups are mutually exclusive. Patients who possess the characteristics of more than one group are included only in that group with the lowest group number. Abbreviations SC and NSC used for "service-connected" and "non-service-connected," respectively.

<sup>2</sup> Includes veterans hospitalized for non-service-connected psychoses or tuberculosis, and those hospitalized for the treatment of other non-service-connected disabilities for 90 days or more.

<sup>3</sup> Includes veterans hospitalized for less than 90 days for non-service-connected other psychiatric, nervous system, and general medical and surgical disabilities.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs* and records.

### No. 327.—VETERANS RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY VETERANS ADMINISTRATION: 1940 TO 1957

[For years ending June 30. During 1957, 3,066,670 visits made by veterans to staff or fee physicians for outpatient medical care and a daily average of 8,933 veterans were domiciled in State and Territorial homes. For each person, Federal Government reimbursed these States at rate of \$240 per year through December 17, 1943, \$300 per year through May 31, 1948, and \$500 per year thereafter]

YEAR	Total receiving hospital or domiciliary care at end of year	VETERANS RECEIVING HOSPITAL TREATMENT, ALL FACILITIES AND HOSPITALS <sup>1</sup>					Veterans receiving domiciliary care at end of year	VETERANS ADMINISTRATION FACILITIES					
		Patients remaining at end of year				Average daily patients		Hospital <sup>2</sup>			Domiciliary		
		Total	Tuberculosis	Neuropsychiatric	General			Average daily patients	Average daily patients	Operating expenses (1,000 dollars)	Per diem cost (dollars) <sup>3</sup>	Average daily domiciliary care	Operating expenses (1,000 dollars)
1940	73, 114	56, 596	4, 644	33, 016	18, 036	56, 304	16, 518	52, 409	49, 921	2. 60	16, 708	5, 546	
1941	72, 138	58, 150	4, 637	34, 508	19, 015	58, 475	13, 978	54, 582	55, 444	2. 78	16, 696	5, 670	
1942	67, 646	56, 075	4, 900	34, 659	16, 514	57, 880	11, 573	54, 636	59, 055	2. 96	14, 371	5, 836	
1943	65, 638	56, 641	4, 974	36, 369	15, 298	56, 072	8, 997	53, 470	65, 684	3. 37	10, 430	5, 589	
1944	72, 376	63, 800	6, 190	40, 382	17, 228	61, 305	8, 576	58, 388	72, 111	3. 38	9, 447	5, 427	
1945	80, 008	71, 223	6, 732	44, 636	19, 861	68, 276	8, 779	64, 317	80, 324	3. 42	9, 002	5, 176	
1946	96, 889	85, 837	8, 103	49, 399	28, 335	78, 326	11, 052	71, 493	136, 249	5. 22	10, 547	7, 653	
1947	117, 901	104, 443	12, 490	63, 952	38, 001	93, 146	13, 458	85, 623	271, 110	8. 67	13, 064	12, 476	
1948	117, 851	103, 575	13, 045	54, 790	35, 741	105, 881	14, 275	92, 534	307, 723	9. 05	14, 387	13, 879	
1949	126, 340	107, 073	14, 810	55, 150	37, 113	106, 086	16, 267	94, 539	353, 441	10. 24	15, 288	16, 087	
1950	118, 997	102, 303	14, 361	54, 419	33, 523	103, 038	16, 694	96, 640	384, 628	10. 90	16, 831	18, 704	
1951	116, 796	100, 517	15, 067	53, 193	32, 317	104, 391	16, 279	96, 305	408, 791	11. 66	16, 775	19, 567	
1952	120, 494	103, 774	15, 645	53, 818	34, 311	105, 110	16, 710	98, 024	474, 897	13. 24	16, 876	22, 476	
1953	118, 962	102, 323	14, 317	51, 782	36, 224	104, 482	16, 629	97, 975	486, 212	13. 61	16, 877	22, 261	
1954	125, 067	108, 357	14, 416	54, 000	39, 881	108, 944	16, 740	103, 491	530, 570	14. 05	16, 851	19, 065	
1955	125, 619	108, 761	14, 730	59, 595	34, 436	110, 733	16, 858	106, 682	542, 239	13. 93	16, 972	21, 223	
1956	126, 906	109, 573	13, 220	61, 209	35, 084	113, 458	16, 423	110, 205	588, 324	14. 58	17, 047	22, 289	
1957	126, 826	110, 435	12, 216	61, 501	36, 718	114, 825	16, 391	111, 265	602, 898	14. 85	16, 908	22, 971	

<sup>1</sup> Includes VA beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals.

<sup>2</sup> Includes hospitals operated in connection with VA domiciliaries.

<sup>3</sup> Excludes hospitals operated for only part of year under unusual conditions.

<sup>4</sup> Excludes tuberculosis patients (1,317 in 1953; 1,524 in 1954) occupying beds in surgical and physical medicine rehabilitation bed sections of VA hospitals.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs* and records.

### No. 328.—VETERANS RECEIVING VOCATIONAL TRAINING AND EDUCATION: 1950 TO 1957

[As of December 31]

STATUS	1950	1952	1953	1954	1955	1956	1957
<b>Vocational rehabilitation program: <sup>1</sup></b>							
Applications received <sup>2</sup>	1, 151, 229	1, 213, 758	1, 246, 761	1, 284, 624	1, 313, 451	1, 334, 785	1, 340, 366
In training	106, 189	33, 057	25, 770	27, 238	24, 928	18, 801	15, 831
Institutions of higher learning	27, 874	8, 894	8, 426	9, 698	9, 954	8, 633	7, 211
Schools below college level	17, 937	5, 829	5, 887	8, 615	7, 778	4, 993	4, 319
Institutional on-farm	36, 193	11, 578	5, 808	3, 719	2, 538	1, 498	1, 170
Job	24, 185	6, 750	5, 649	5, 206	4, 658	3, 687	3, 131
<b>Education and training program: <sup>3</sup></b>							
Applications received <sup>2</sup>	9, 787, 305	10, 391, 065	10, 792, 342	11, 372, 973	11, 954, 751	12, 447, 821	12, 779, 678
In training	1, 716, 064	699, 245	605, 307	712, 838	792, 358	765, 321	693, 009
Institutions of higher learning	569, 396	238, 046	281, 776	372, 372	458, 064	477, 904	445, 388
Schools below college level	717, 389	297, 047	208, 961	239, 819	234, 852	193, 916	178, 375
Institutional on-farm	281, 632	121, 791	62, 411	43, 043	36, 677	37, 138	31, 089
Job	147, 747	41, 461	52, 159	57, 604	62, 165	56, 393	38, 157

<sup>1</sup> Authorized under Public Law 16, 78th Congress, and Public Law 894, 81st Congress.

<sup>2</sup> Cumulative from inception of program.

<sup>3</sup> Authorized under Public Law 346, 78th Congress, and Public Law 550, 82d Congress.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs* and records.

**No. 329.—VETERANS GUARANTEED AND INSURED LOANS—NUMBER AND AMOUNT OF LOANS CLOSED, BY TYPE OF LOAN: TOTAL AND 1944 TO 1957**

[Amounts in thousands of dollars. For years ending December 25, except as noted]

YEAR	TOTAL			HOME		FARM		BUSINESS	
	Number	Amount of loans	Amount of guaranty and insurance	Number	Amount of loans	Number	Amount of loans	Number	Amount of loans
<b>Total, 1944 to 1957</b>	5,372,234	43,497,458	23,574,426	5,070,450	42,578,814	70,956	280,333	230,828	638,311
1945 <sup>1</sup>	49,219	3,212,512	80,557	44,731	3,198,913	1,064	3,585	3,424	310,014
1946	468,761	2,484,928	1,169,471	410,562	2,295,634	17,138	63,259	41,061	126,035
1947	599,899	3,486,332	1,641,462	541,217	3,282,521	19,793	77,765	38,889	126,046
1948	377,790	1,977,362	966,305	349,565	1,876,908	10,408	42,005	17,817	58,449
1949	293,733	1,473,412	743,075	276,792	1,423,589	4,946	17,533	11,995	32,290
1950	514,573	3,125,186	1,680,317	497,596	3,073,428	5,158	19,407	11,819	32,351
1951	493,494	3,713,228	2,145,144	447,373	3,614,479	3,630	16,020	42,491	82,729
1952	339,040	2,790,666	1,002,699	306,466	2,717,919	1,945	7,892	30,638	64,855
1953	335,977	3,100,827	1,788,973	322,053	3,080,917	1,451	6,264	12,473	33,646
1954	419,327	4,284,078	2,447,102	410,746	4,256,290	1,424	6,465	7,157	21,317
1955	657,276	7,185,710	4,031,376	649,412	7,154,236	1,866	9,805	5,998	21,669
1956	512,722	5,888,409	3,247,117	507,500	5,863,004	1,312	6,618	3,910	15,787
1957 <sup>2</sup>	310,414	3,774,808	2,030,828	306,437	3,767,970	821	3,715	3,156	13,123

<sup>1</sup> Nov. 1944 to Dec. 29, 1945.    <sup>2</sup> Estimated.

<sup>3</sup> Dec. 26, 1956 to Dec. 31, 1957.

Source: Veterans Administration; records.

**No. 330.—VETERANS GUARANTEED AND INSURED LOANS REPAYED IN FULL, AND CLAIMS PAID BY VETERANS ADMINISTRATION: TOTAL AND 1951 TO 1957**

[As of June 25, or for years ending June 25]

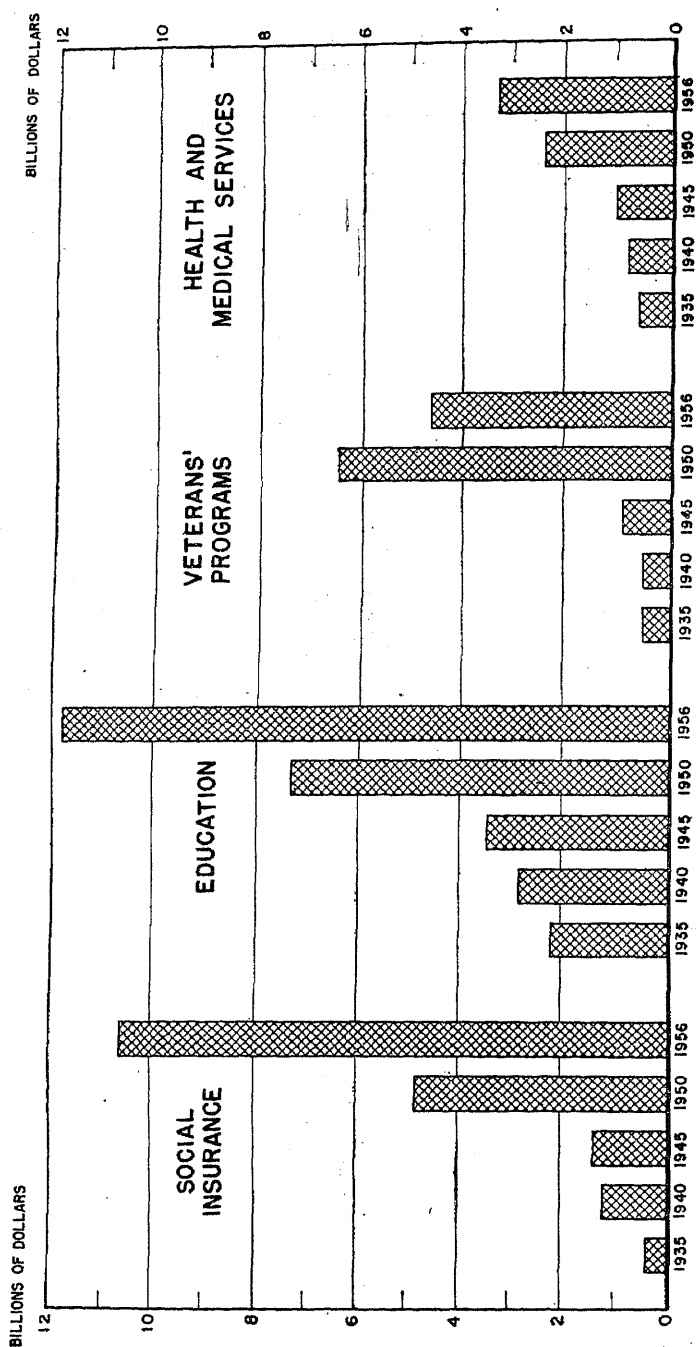
YEAR	Loans repaid in full, number	CLAIMS PAID BY VA					
		Home		Farm		Business	
		Number	Percent of outstanding loans <sup>1</sup>	Number	Percent of outstanding loans <sup>1</sup>	Number	Percent of outstanding loans <sup>1</sup>
<b>Total, 1944 to 1957</b>	1,295,831	32,767	-----	2,214	-----	14,362	-----
1951	87,647	3,604	0.186	370	0.962	825	1.245
1952	109,871	2,478	0.108	224	0.030	638	0.703
1953	152,500	2,478	0.098	171	0.536	958	0.950
1954	153,490	2,417	0.089	148	0.515	1,486	0.941
1955	210,330	3,399	0.113	65	0.244	978	1.805
1956	213,271	4,433	0.130	69	0.281	1,157	3.056
1957	187,607	6,019	0.161	35	0.160	584	2.294

<sup>1</sup> Based on average number of loans outstanding during year.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs* and records.

FIG. XVI.—SOCIAL WELFARE EXPENDITURES UNDER SELECTED CIVILIAN PUBLIC PROGRAMS: 1935 TO 1956

[See table 331]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data from Department of Health, Education, and Welfare, Social Security Administration.

## Section 10

### Social Insurance and Welfare Services

This section presents data related to governmental programs for old-age, survivors, and disability insurance, public and railroad employee retirement, unemployment and temporary disability insurance, aid to the needy, and maternal, child, and other welfare services. Also included here are selected data concerning private pension plans and financial data relating to corporate pension funds, the American Red Cross, the Community Chest, and philanthropic trusts and foundations.

There are several principal sources for these data. The *Social Security Bulletin*, an official monthly publication of the Department of Health, Education, and Welfare, presents current data on many of these programs and summarizes annual data for them in a statistical supplement published each year. A large volume of statistics flows from employers' wage reports submitted under the Social Security Act and used in the accounting operations of the Bureau of Old-Age and Survivors Insurance. Information on workers and beneficiaries and on establishments, employment, and payrolls covered by this Act is published in detail in the Social Security Administration's *Handbook of Old-Age and Survivors Insurance Statistics*. Establishment data showing employment and payrolls, by industry, for counties, are also available in the cooperative report of the Bureau of the Census and the Social Security Administration, *County Business Patterns*. Current data on employment security activities are published monthly in the Department of Labor's *Labor Market and Employment Security* and its supplements. Data on retirement and other benefits for railroad workers are published by the Railroad Retirement Board in its *Monthly Review* and *Annual Report*.

**Social insurance under the Social Security Act.**—Social insurance programs established by the Social Security Act provide protection against wage loss resulting from old age, prolonged disability, death, or unemployment. Beginning 1957, under old-age, survivors, and disability insurance, protection against wage loss due to old age, disability, or death is available to nearly all the gainfully employed (excluding chiefly self-employed doctors of medicine and most civilian employees of the Federal Government).

Old-age, survivors, and disability insurance provides monthly retirement benefits to fully insured workers at 65 or over (or, for women workers, at age 62 if they elect to receive a reduced benefit) and supplementary benefits to their wives, if they are aged or have a child of the earner in their care, to aged dependent husbands, and to dependent children under age 18, or older, if the child has a disability that began before 18. Monthly survivor benefits are payable to certain dependents of fully or currently insured workers. Monthly disability benefits are payable to fully and currently insured workers between the ages of 50 and 65 with a disability that meets the definition in the Act. A lump-sum death payment is made in the case of all insured deaths.

Covered workers and their employers each pay contributions of  $2\frac{1}{4}$  percent on the worker's wages, not counting amounts above the first \$4,200 in a year. The rate is scheduled to rise by steps until it reaches  $4\frac{1}{4}$  percent each in 1975. Self-employed persons pay 1.5 times the employee rate. An amount equal to the contributions collected is appropriated for deposit in the old-age and survivors insurance trust fund, from

Note.—This section presents data for the most recent year or period available on March 18, 1958, when the material was organized and sent to the printer.

which benefits and administrative costs are paid. One-fourth of 1 percent of the contributions collected from employees and employers and  $\frac{1}{2}$  of 1 percent of the contributions from the self-employed are allocated to a separate disability trust fund, from which the costs of the disability benefits are paid.

Both unemployment insurance and the public employment (placement) service are administered through the Bureau of Employment Security of the Department of Labor and a State employment security agency in each State or Territory. Under agreements with the Secretary of Labor, the State agencies also administer unemployment compensation for eligible veterans and for Federal employees.

State unemployment insurance laws pay benefits to unemployed covered workers who meet the qualifying conditions specified in the State law. In most States, a waiting period of 1 week must be served before payments begin. Benefits are payable for a maximum number of weeks, ranging from 16 to 30 weeks among the States; maximum weekly benefits without dependents' allowances range from \$25 to \$45 under the several State laws. In 11 States maximum allowances for dependents ranging from \$3 to \$25 raise the range of maximum augmented benefits to \$30 to \$70.

Under the Federal Unemployment Tax Act, a 3-percent tax is levied on the payroll of employers of 4 or more workers in industries covered by the Act, although smaller employers are also covered by some State laws. Principal industries excluded from coverage, as of January 1958, are agriculture, State and local government, domestic service, nonprofit organizations, and railroads (see below). Employers subject to the Federal law are allowed a credit offset of 90 percent of the Federal tax, or 2.7 percent of taxable payrolls, for contributions paid to State agencies under State unemployment insurance laws. The Federal Government, therefore, collects only 0.3 percent, which is earmarked for employment security purposes. The Congress appropriates funds each year to cover administrative costs of the employment security system.

The standard rate of contributions payable by employers in all areas is 2.7 percent of the first \$3,000 a year paid to an employee (except in Delaware, Nevada, Oregon, and Rhode Island, where the 2.7 percent applies to the first \$3,600 and in Alaska to the first \$4,000). All States except Alaska may adjust employer contribution rates according to individual employer experience with the risk of unemployment. Contributions collected by States are deposited to State accounts in the Federal Unemployment Trust Fund, from which States withdraw amounts needed for benefit payments.

**Social insurance for railroad workers.**—The social insurance programs administered by the Railroad Retirement Board under the Railroad Retirement Act and Railroad Unemployment Insurance Act cover employees of railroads or companies and organizations affiliated with railroad transportation, including the Railway Express Agency and the Pullman Company.

The Railroad Retirement Act provides retirement annuities for aged and disabled workers and for wives of retired employees, and benefits to survivors of deceased workers. The credits of employees who die or retire with less than 10 years of railroad service are transferred to old-age, survivors, and disability insurance under the Social Security Act. Funds for the retirement and survivor system come from a tax on earnings up to \$350 a month under the Railroad Retirement Tax Act. The tax, divided equally between the employer and employee, is now at the maximum rate of 12 $\frac{1}{2}$  percent.

The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness, including maternity. The unemployment insurance program is financed entirely by contributions from covered employers, paid directly to the Board. The contribution rate for any year depends upon the balance in the unemployment insurance account and may vary from  $\frac{1}{2}$  to 3 percent of payrolls (exclusive of individual earnings in excess of \$350 a month). Effective January 1, 1958, the contribution rate is 2 $\frac{1}{2}$  percent.



**Social insurance for Federal Government employees.**—One contributory retirement system for Federal civilian employees and two noncontributory systems for special classes of employees are administered by the Civil Service Commission. In addition, there are separate retirement systems in operation for the uniformed services (supplementing old-age, survivors, and disability insurance under which they are covered on a contributory basis) and for special classes of Federal employees.

The Civil Service Retirement Act provides for age, optional, disability, and discontinued service annuities for employees in the executive, judicial, and legislative branches of the United States Government and in the municipal government of the District of Columbia if not subject to another retirement system or excluded by executive order. It also provides annuities for the widows and minor children of deceased employees, and under certain conditions to the survivors of deceased annuitants. The employee contribution rate, computed on base pay, was increased from 6 percent to 6½ percent in October 1956, at which time liberalized benefit provisions became effective. Beginning in July 1957, employing agencies pay into the Retirement Fund amounts equal to the contributions of their employees.

**Workmen's compensation.**—All States now have programs providing protection against work-connected injuries and deaths. In addition to the State laws, there are Federal workmen's compensation laws covering employees of the Federal Government, private employees in the District of Columbia, and longshoremen and harbor workers. Most of the State workmen's compensation laws exempt such employments as agriculture, domestic service, and casual labor; the majority exempt employers who have fewer than a specified number of employees. Occupational diseases, or at least specified diseases, are compensable under most laws.

In most States total payments to injured workers or to survivor families are limited as to time, amount, or both. All compensation acts require that medical aid be furnished to injured employees; in about one-fourth of the laws there are either duration or cost limitations—or both—on the amount of medical benefits provided.

**Public assistance.**—Public assistance is provided through five major programs, all administered by the States and localities. Payments to four groups of needy persons—the aged, the blind, the permanently and totally disabled, and children whose need arises from certain causes—are financed in part from Federal funds granted to States under the Social Security Act. The Federal aspects of these programs are the responsibility of the Bureau of Public Assistance of the Social Security Administration. Aid to other needy persons is furnished for the most part through general assistance, toward which the Federal Government makes no contribution.

To receive a Federal grant for assistance payments and administrative expenses under any of the four programs established by the Social Security Act a State must have a plan approved as meeting the requirements of the Federal act. Each State establishes the conditions under which needy people may receive assistance and determines how much they shall receive.

**Health and welfare service.**—Programs providing health and welfare services are aided through Federal grants to States for maternal and child-health services, services for crippled children, child-welfare services, vocational rehabilitation, and public health services (including water-pollution control, hospital survey and construction, and control of specific diseases). The Children's Bureau, a part of the Social Security Administration, administers the first three of these programs; the others are administered by the Office of Vocational Rehabilitation and the Public Health Service; all are units of the Department of Health, Education, and Welfare.

### No. 331.—SOCIAL WELFARE EXPENDITURES UNDER CIVILIAN PUBLIC PROGRAMS: 1935 to 1956

[In millions. Represents expenditures under public law and from trust accounts. Includes administrative expenditures and capital outlay for hospitals, public elementary and secondary schools, and publicly controlled higher education. Years ending June 30 for Federal Government, most States, and some localities; for other States and localities, years cover various 12-month periods ending within year. Data for education and for workmen's compensation relate to continental U. S. only; other programs include some payments and expenditures outside continental U. S. Corrected to October 1957]

YEAR AND SOURCE OF FUNDS	Total	Social insurance <sup>1</sup>	Public aid	Health and medical services <sup>2</sup>	Other welfare serv- ices <sup>3</sup>	Veter- ans' pro- grams <sup>4</sup>	Educa- tion	Public hous- ing	TOTAL AS PERCENT OF—	
									Gross national product	Govern- ment expend- itures for all pur- poses <sup>1</sup>
<b>TOTAL</b>										
1935-----	\$6,811.1	\$383.7	\$2,097.6	\$841.8	\$113.3	\$449.8	\$2,224.9	-----	9.9	51.7
1940-----	9,101.3	1,214.9	3,597.0	799.2	171.0	535.0	2,780.0	\$4.2	9.5	49.4
1945-----	7,992.3	1,363.5	1,029.7	995.9	285.2	914.2	3,392.6	11.0	3.7	7.4
1950-----	24,099.8	4,704.7	2,494.8	2,388.3	616.4	6,534.5	7,289.1	12.0	9.2	37.8
1955-----	32,155.5	9,862.3	3,001.6	3,074.2	885.4	4,369.3	10,874.1	88.6	8.6	31.4
1956-----	34,522.6	10,585.0	3,113.1	3,249.7	1,015.0	4,619.0	11,830.2	110.6	8.6	32.1
<b>FEDERAL</b>										
1935-----	2,966.0	88.7	2,373.7	16.8	2.1	449.8	24.9	-----	4.3	47.1
1940-----	3,235.9	350.1	2,244.2	51.2	9.7	535.0	41.5	4.2	3.4	35.5
1945-----	2,375.5	704.5	419.3	126.9	87.0	914.2	112.6	11.0	1.1	2.5
1950-----	9,585.2	1,011.3	1,101.8	256.6	166.7	6,063.4	73.4	12.0	3.6	23.2
1955-----	13,186.0	6,429.2	1,502.8	299.0	244.2	4,307.7	329.1	74.0	3.5	19.2
1956-----	14,606.1	7,528.7	1,553.8	349.2	318.5	4,529.8	235.2	90.9	3.6	20.5
<b>STATE AND LOCAL</b>										
1935-----	3,845.1	285.0	623.9	625.0	111.2	-----	2,200.0	-----	5.6	56.2
1940-----	5,865.4	864.8	1,352.8	748.0	161.3	-----	2,738.5	-----	6.1	63.5
1945-----	5,616.8	650.2	610.4	869.0	193.2	-----	3,280.0	-----	2.6	67.6
1950-----	14,514.6	2,853.4	1,393.0	2,131.7	449.7	471.1	7,215.7	-----	5.5	66.4
1955-----	18,969.5	3,433.1	1,498.8	2,775.2	641.2	61.6	10,546.0	14.6	5.1	58.5
1956-----	19,016.5	3,056.3	1,559.3	2,900.5	696.5	89.2	11,595.0	19.7	4.9	56.7

<sup>1</sup> Although social insurance expenditures include non-Federal workmen's compensation benefits payable under law by employers and private insurance carriers, such expenditures have been omitted in computing percentages relating to all government expenditures.

<sup>2</sup> Includes hospital construction and medical research; excludes health and medical services related to veterans' programs, public education, public aid, workmen's compensation, and vocational rehabilitation; also excludes medical expenditures of Military Establishment and Atomic Energy Commission and those provided subordinate to the performance of other functions, such as those of Civil Aeronautics Authority.

<sup>3</sup> Represents vocational rehabilitation, child welfare services, school lunch program, and institutional care.

<sup>4</sup> Excludes Federal bonus payments, appropriations to Government Life Insurance trust fund, and accounts of several small revolving funds.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, October 1957.

### No. 332.—SOCIAL WELFARE EXPENDITURES PER CAPITA, ACTUAL AND 1956 PRICES: 1935 to 1956

[Per capita figures relate to total civilian population of continental United States as of end of December. See headnote, table 331. Corrected to October 1957]

YEAR	PER CAPITA								IN 1956 PRICES	
	Total	Social insur- ance	Public aid	Health and medical services	Other welfare services	Veter- ans' pro- grams	Educa- tion	Public hous- ing	Total (millions)	Per capita
1935-----	\$53.71	\$3.08	\$23.64	\$5.06	\$0.89	\$3.55	\$17.54	-----	\$13,487.3	\$106.36
1940-----	69.33	9.26	27.40	6.09	1.30	4.08	21.13	\$0.63	17,502.5	133.33
1945-----	62.80	10.73	8.10	7.83	2.24	7.19	25.68	.09	12,073.0	94.65
1950-----	160.75	31.78	16.64	15.93	4.11	43.69	48.62	.08	27,355.1	182.46
1955-----	200.10	61.37	15.08	10.13	5.61	27.19	67.67	.55	32,252.3	200.70
1956-----	210.79	64.63	19.01	10.84	6.20	28.20	72.23	.63	34,522.6	210.79

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, October 1957.

# No. 333.—EXPENDITURES FOR CIVILIAN SOCIAL SECURITY AND RELATED PUBLIC PROGRAMS, BY SOURCE OF FUNDS AND PROGRAM: 1955 AND 1956

[In millions of dollars. Represents expenditures under public law and from trust accounts. Includes administrative expenditures unless otherwise indicated. Data for some programs include some payments and expenditures outside continental U. S. Years ending June 30 for Federal Government, most States, and some localities; for other States and localities, years cover various 12-month periods ending within year. Corrected to August 14, 1957]

PROGRAM	1955			1956		
	Total	Federal	State and local	Total	Federal	State and local
<b>Total</b> .....	20,492.7	12,082.9	8,409.9	21,778.3	13,476.3	8,301.8
Social insurance and related programs.....	12,574.5	9,141.5	3,433.1	13,411.0	10,354.6	3,056.3
Old-age and survivors insurance.....	4,486.3	4,436.3	5,485.2	5,485.2	5,485.2	
Railroad retirement.....	575.6	575.6	603.2	603.2	603.2	
Public employee retirement systems <sup>1</sup> .....	1,804.8	799.8	1,555.8	935.7	935.7	620.0
Employment security <sup>2</sup> .....	2,113.9	354.1	1,759.9	1,821.4	338.9	1,282.5
Railroad unemployment insurance.....	158.6	158.6	50.7	50.7	50.7	
Railroad temporary disability insurance.....	54.2	54.2	52.7	52.7	52.7	
State temporary disability insurance, total <sup>3</sup> .....	218.8		218.8	232.0		232.0
Veterans' programs <sup>4</sup> .....	2,712.3	2,712.3		2,826.0	2,826.0	
Workmen's compensation, total.....	940.0	50.6	889.4	975.0	53.2	921.8
Public aid.....	2,339.6	1,440.8	1,498.8	3,022.1	1,462.8	1,559.3
Special types of public assistance, total.....	2,609.7	1,440.8	1,168.9	2,708.1	1,462.8	1,245.3
General assistance, total.....	329.9		329.9	314.0		314.0
Health and medical services <sup>5</sup> .....	3,835.3	1,060.1	2,775.2	4,006.9	1,106.4	2,900.5
Hospital and medical care <sup>6</sup> .....	2,367.1	796.1	1,571.0	2,435.8	807.8	1,628.0
Veterans.....	728.1	728.1		730.0	730.0	
Other.....	1,639.0	68.0	1,571.0	1,705.8	77.8	1,628.0
Hospital construction <sup>7</sup> .....	415.9	117.9	298.0	350.5	85.5	265.0
Veterans.....	33.0	33.0		27.2	27.2	
Other.....	382.9	84.9	298.0	323.3	71.3	252.0
Maternal and child health programs <sup>8</sup> .....	92.8	23.0	69.2	104.0	27.5	76.5
Other community and related health services <sup>9</sup> .....	950.5	122.5	837.0	1,110.5	172.5	944.0
Other welfare services.....	1,143.3	440.5	702.8	1,338.3	552.5	785.7
Vocational rehabilitation, total.....	41.1	26.0	15.1	52.1	33.1	19.0
Veterans' programs <sup>11</sup> .....	196.0	134.4	61.6	232.2	143.0	89.2
Institutional and other care <sup>12</sup> .....	470.4	41.4	429.0	524.3	60.3	474.0
School lunch program <sup>13</sup> .....	238.5	160.5	69.0	203.2	227.7	65.4
Child welfare.....	135.4	7.3	128.1	145.5	7.4	138.1
Surplus food for needy persons.....	61.9	61.9		91.0	91.0	

<sup>1</sup> Excludes refunds of employee contributions to those leaving service. Includes retirement pay of military personnel. Data for administrative expenditures not available for all programs.

<sup>2</sup> State unemployment insurance and employment service programs, Federal unemployment compensation for veterans and Federal civilian employees.

<sup>3</sup> Cash benefits and hospitalization and medical benefits, including those under private plans, in the 4 States with programs, and administrative expenditures of State agencies. Data on administrative expenditures of private plans not available.

<sup>4</sup> Pensions, annuities, burial awards, readjustment allowances, and estimated administrative expenditures. Excludes expenditures from Government Life Insurance fund.

<sup>5</sup> Payments by private insurance carriers, State funds, and self-insurers of benefits payable under State law and estimated State administrative costs.

<sup>6</sup> Excludes all medical expenditures of Military Establishment and Atomic Energy Commission; health services in connection with primary and secondary public education; hospital and medical payments and services included under workmen's compensation, State temporary disability insurance, and vocational rehabilitation, and vendor payments for medical care included under public aid programs; international health activities; and expenditures for medical services and research subordinate to performance of other functions.

<sup>7</sup> Includes hospital and outpatient care in public institutions and expenditures for maintaining existing facilities. Excludes VA expenditures for domiciliary care included under veterans' welfare services and institutions for chronic care (other than mental and tuberculosis) included under institutional care.

<sup>8</sup> Federal are costs of hospital planning and surveys, new construction, and major repairs; State and local are new construction only. <sup>9</sup> Includes services for crippled children.

<sup>10</sup> Federal are those made by the U. S. Public Health Service for community health programs, medical research, and training in special public health fields and by the Food and Drug Administration. State and local represent estimated community health and sanitation operating expenditures of public agencies, including those for medical research and training but excluding those in connection with schools and public welfare, and those classified as hospital and medical care.

<sup>11</sup> Federal are for VA programs for vocational rehabilitation, automobiles and other conveyances for disabled veterans, housing for paraplegic veterans, domiciliary care, beneficiaries' travel, counseling, and loan guarantees. State and local represent State expenditures for bonus payments and veterans' services; local data not available.

<sup>12</sup> Federal are for education of the deaf, the U. S. Soldiers' Home, the U. S. Naval Home, and the value of Federally distributed surplus foods to nonprofit institutions. State and local represent estimated costs of care in welfare institutions, institutions for the handicapped and for long-term chronic care (other than mental and tuberculosis) and other public welfare expenditures.

<sup>13</sup> Federal includes cash apportionment, value of commodities purchased and distributed under the National School Lunch Act and of surplus commodities distributed under other agricultural programs and the Special School milk program.

<sup>14</sup> Estimated by Children's Bureau. Includes payments for foster care and for professional and facilitating services; excludes capital expenditures, expenditures of public institutions and day-care centers and those made by courts and youth authorities, payments from parents and relatives, and direct appropriations by State legislatures to private agencies and institutions.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, 1966 Annual Supplement.

### No. 334.—SELECTED SOCIAL INSURANCE PROGRAMS—ESTIMATED PAYROLLS IN COVERED EMPLOYMENT IN RELATION TO WAGES AND SALARIES: 1937 TO 1956

[In millions of dollars. Gross amount, before deduction of social insurance contributions. Corrected to August 12, 1957]

PROGRAM	1937	1940	1945	1950	1955	1956
AMOUNT						
Total earnings <sup>1</sup> .....	58,798	62,828	148,412	182,666	249,530	266,854
All wages and salaries <sup>1</sup> .....	46,107	49,818	117,563	146,526	210,339	227,237
Civilian.....	45,753	49,255	95,744	141,527	200,561	217,535
Payrolls covered by retirement programs <sup>2</sup> .....	37,943	41,620	85,455	128,834	193,951	211,223
Old-age and survivors insurance <sup>3</sup> .....	32,770	35,560	71,317	109,439	169,000	185,000
Railroad retirement <sup>3</sup> .....	2,265	2,280	4,530	5,327	5,801	6,203
Federal civil-service retirement.....	1,050	1,430	5,840	6,068	8,290	9,560
State and local government.....	1,858	2,350	3,768	8,000	12,540	13,720
Total net earnings in self-employment covered by old-age and survivors insurance <sup>4</sup> .....					25,000	32,000
Payrolls covered by unemployment insurance programs.....	(9)	34,632	70,941	108,162	164,240	180,998
State unemployment insurance <sup>5</sup> .....		32,352	66,411	102,835	148,144	163,959
Railroad unemployment insurance <sup>5</sup> .....	2,265	2,280	4,530	5,327	5,801	6,203
Payrolls covered by workmen's compensation programs <sup>6</sup> .....	(9)	35,500	73,000	110,000	161,500	174,800
PERCENT						
Civilian wages and salaries <sup>1</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0
Payrolls covered by retirement programs <sup>2</sup> .....	82.9	84.5	89.3	91.0	96.7	97.1
Old-age and survivors insurance <sup>3</sup> .....	71.6	72.2	74.5	77.3	84.3	85.0
Railroad retirement <sup>3</sup> .....	5.0	4.6	4.7	3.8	2.9	2.9
Federal civil-service retirement.....	2.3	2.9	6.1	4.3	4.1	4.4
State and local government.....	4.1	4.8	3.9	5.7	6.3	6.3
Payrolls covered by unemployment insurance programs.....	(9)	70.3	74.4	76.4	81.9	83.2
State unemployment insurance <sup>5</sup> .....	(9)	65.7	69.4	72.7	73.9	75.4
Railroad unemployment insurance <sup>5</sup> .....	5.0	4.6	4.7	3.8	2.9	2.9
Payrolls covered by workmen's compensation programs <sup>6</sup> .....	(9)	72.1	76.2	77.7	80.5	80.4

<sup>1</sup> Data from Department of Commerce, Office of Business Economics. Total earnings include earnings of self-employed; civilian and military wages and salaries (disbursements) paid in cash and in kind in continental U. S., and pay of Federal civilian and military personnel in all areas.

<sup>2</sup> Beginning 1955, adjusted for duplication of payrolls covered by old age and survivors insurance and State and local retirement systems.

<sup>3</sup> Taxable plus estimated nontaxable wages and salaries. Continental U. S. only, except that railroad payrolls include Alaska and Hawaii and, beginning 1955, State unemployment insurance payrolls include Federal personnel in all areas. <sup>4</sup> Preliminary. <sup>5</sup> Not available.

<sup>6</sup> Payrolls of employers insuring with private carriers, State funds, or self-insured, and Federal programs; excludes railroads.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

### No. 335.—FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE: 1935 to 1957

[In thousands of dollars, except per capita. On basis of checks issued for years ending June 30. Includes Territories, possessions, and other areas; see table 336]

YEAR	TOTAL		SOCIAL SECURITY AND RELATED PURPOSES					Educa- tion <sup>5</sup>	All other
	Amount	Per capita <sup>1</sup>	Total	Public assist- ance <sup>2</sup>	Employ- ment security adminis- tration	Health serv- ices <sup>3</sup>	Other welfare serv- ices <sup>4</sup>		
1935.....	2,196,577	17.09	2,773	—	1,257	—	1,516	12,722	2,181,082
1940.....	965,235	7.24	359,101	271,131	61,539	21,873	4,558	25,137	581,001
1945.....	855,941	6.29	523,355	401,400	33,730	78,555	9,870	25,131	307,454
1949.....	1,807,668	12.14	1,226,617	920,814	140,314	66,646	98,843	36,951	544,100
1950.....	2,195,473	14.49	1,663,356	1,123,418	207,617	119,158	113,163	38,501	593,617
1951.....	2,242,921	14.56	1,631,092	1,185,764	173,838	168,938	102,553	49,123	582,706
1952.....	2,322,238	14.80	1,658,248	1,177,688	182,894	182,865	114,802	112,003	551,986
1953.....	2,753,083	17.34	1,810,555	1,329,933	197,779	168,822	114,020	215,205	727,323
1954.....	2,953,964	18.32	1,890,942	1,437,516	200,136	138,042	115,248	203,691	859,331
1955.....	3,092,312	18.84	1,874,499	1,426,599	188,898	117,581	141,421	239,444	978,369
1956.....	3,404,839	20.34	1,992,648	1,455,275	226,961	133,166	177,246	209,135	1,203,057
1957.....	3,932,824	23.09	2,242,455	1,556,422	319,511	163,068	203,454	204,899	1,485,500

<sup>1</sup> Based on estimates of total population, excluding Armed Forces overseas, as of July 1.

<sup>2</sup> Old-age assistance, aid to dependent children, aid to blind, and, beginning 1951, aid to permanently and totally disabled.

<sup>3</sup> Maternal and child health services, services for crippled children, and other public health programs.

<sup>4</sup> Vocational rehabilitation and State and Territorial homes for disabled soldiers and sailors; child welfare services and national school lunch program, beginning 1940.

<sup>5</sup> Colleges of agriculture and mechanic arts, vocational education, education of the blind, and State marine schools emergency Office of Education grants for 1940; maintenance and operation of schools in certain areas, beginning 1949; and school survey and construction in certain areas, beginning 1951.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, 1956 Annual Supplement.

No. 336.—FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE,  
BY STATES AND OTHER AREAS: 1957

[In thousands of dollars, except per capita. For year ending June 30. See headnote and footnotes, table 335]

STATE OR OTHER AREA	TOTAL		SOCIAL SECURITY AND RELATED PURPOSES						Education	All other
	Amount	Per capita <sup>1</sup>	Total	Public assistance	Employment security administration	Health services	Other welfare services			
Total	3,932,824	\$23.09	2,242,455	1,556,422	319,511	163,068	203,454	204,869	1,485,500	
Alabama	107,561	34.46	64,583	49,337	4,350	6,102	4,794	4,446	38,532	
Arizona	33,883	31.17	10,315	10,689	2,944	1,381	1,301	2,314	15,224	
Arkansas	67,749	32.79	31,448	22,590	2,837	2,639	3,383	2,343	23,957	
California	383,304	28.45	224,549	170,134	32,679	7,756	14,080	33,842	124,913	
Colorado	69,503	36.55	33,250	27,073	2,672	1,800	1,705	4,431	21,822	
Connecticut	32,630	14.69	20,907	11,488	5,058	2,007	2,355	2,179	9,543	
Delaware	9,510	22.75	3,544	1,781	851	380	532	408	5,558	
District of Columbia	11,779	14.17	7,816	4,550	1,627	874	865	81	3,882	
Florida	89,569	23.06	57,816	44,430	5,725	3,501	4,159	5,435	26,318	
Georgia	101,077	27.25	65,135	48,909	4,714	5,673	5,539	6,126	29,817	
Idaho	21,528	34.45	8,971	5,345	1,575	1,264	787	869	11,689	
Illinois	150,008	15.88	89,303	58,629	15,565	4,492	10,617	4,533	56,772	
Indiana	59,320	13.37	34,308	20,720	6,555	2,819	4,215	1,933	23,079	
Iowa	62,133	22.56	32,639	23,351	2,885	2,548	3,855	1,320	28,175	
Kansas	60,167	28.61	28,205	20,607	2,657	2,599	2,342	4,201	27,752	
Kentucky	76,285	25.45	46,398	34,895	3,701	3,508	4,295	2,272	27,615	
Louisiana	119,253	39.62	92,364	70,762	3,992	4,392	4,218	1,831	25,058	
Maine	23,192	24.94	11,994	8,019	1,575	1,286	1,113	1,181	10,015	
Maryland	51,669	18.25	22,970	12,021	5,493	2,757	2,690	9,679	18,920	
Massachusetts	96,112	19.97	70,983	50,353	12,444	2,581	5,005	3,129	22,000	
Michigan	132,857	17.53	74,638	43,362	16,153	6,409	8,714	7,021	51,199	
Minnesota	76,398	23.43	41,627	28,427	4,427	3,857	4,915	1,600	33,171	
Mississippi	67,038	31.12	30,551	25,273	2,812	4,152	4,314	1,784	28,703	
Missouri	139,973	33.35	95,067	79,548	6,045	5,122	4,951	3,722	40,585	
Montana	32,651	50.00	9,291	6,216	1,465	828	782	1,264	22,095	
Nebraska	35,747	25.07	15,122	10,532	1,473	1,639	1,479	1,972	18,554	
Nevada	16,756	65.45	3,458	1,562	1,011	660	196	944	12,354	
New Hampshire	10,575	18.75	5,587	3,027	1,223	691	646	733	4,255	
New Jersey	59,599	10.81	34,805	15,505	13,099	2,146	4,035	3,223	21,571	
New Mexico	51,079	62.98	15,122	10,500	1,731	1,538	1,352	4,555	31,402	
New York	289,295	18.28	186,575	118,364	44,185	7,703	16,323	6,618	96,102	
North Carolina	97,876	22.21	57,449	37,404	5,732	7,298	6,995	3,065	37,362	
North Dakota	23,171	30.09	8,639	5,360	1,000	1,210	1,060	578	13,654	
Ohio	152,176	16.78	85,289	56,350	14,806	4,845	9,288	6,308	60,579	
Oklahoma	105,795	47.12	61,628	51,291	3,482	3,646	3,209	7,394	36,773	
Oregon	46,919	27.07	18,868	11,404	3,892	1,802	1,770	1,736	26,314	
Pennsylvania	170,311	15.37	99,043	66,273	25,026	6,560	11,184	3,920	67,348	
Rhode Island	21,577	25.50	11,481	6,790	2,422	1,255	1,015	1,476	8,619	
South Carolina	49,230	21.14	30,732	20,244	3,297	3,548	3,612	3,155	15,343	
South Dakota	26,626	38.42	9,539	6,521	765	1,162	1,090	1,823	15,265	
Tennessee	82,160	24.02	48,448	33,816	4,784	4,275	5,573	3,298	30,414	
Texas	267,331	28.77	134,158	103,753	12,892	9,039	8,474	12,357	110,815	
Utah	24,628	29.85	10,681	6,438	2,166	1,066	1,011	1,975	11,972	
Vermont	11,187	30.62	5,629	3,345	930	715	640	330	5,178	
Virginia	70,019	18.90	25,844	13,530	3,399	4,073	4,843	14,291	29,884	
Washington	73,812	27.59	47,602	36,509	6,067	1,693	3,333	6,637	19,572	
West Virginia	48,545	24.72	32,080	23,770	2,540	2,972	2,799	942	15,522	
Wisconsin	63,365	16.73	34,190	21,185	4,986	2,690	5,329	1,629	27,547	
Wyoming	18,577	58.79	4,331	2,501	820	675	436	689	13,557	
Alaska	9,124	41.29	4,487	1,838	1,055	1,383	211	3,479	1,158	
Hawaii	14,992	25.67	6,965	3,043	978	1,560	784	2,800	5,137	
Puerto Rico	41,923	18.49	17,495	7,272	940	5,106	4,176	598	23,830	
Virgin Islands	841	35.06	511	148	48	221	95	20	310	
Other areas	369	18.45	68			66	12	287	14	
Advances and other undistributed	3,661		5,361		4,144	1,217			-1,701	

<sup>1</sup> Based on estimates of total population, excluding Armed Forces overseas, as of July 1, 1956.

### No. 337.—SOCIAL INSURANCE AND RELATED PROGRAMS—BENEFICIARIES AND BENEFITS, BY RISK AND PROGRAM: 1940 TO 1956

[Partly estimated. Data for State and local government, Federal civil-service, and other Federal contributory retirement systems exclude refunds of employee contributions. Data for some programs include some beneficiaries and benefit payments outside continental U. S. Corrected to July 24, 1957]

RISK AND PROGRAM	BENEFICIARIES <sup>1</sup> (1,000)				AMOUNT OF BENEFITS (\$1,000,000)			
	1940	1950	1955	1956	1940	1950	1955	1956
<b>Total</b> .....					1,540.3	6,303.8	12,096.2	13,142.9
<b>Old-age retirement</b> .....					326.5	1,402.8	5,129.0	5,915.4
Old-age and survivors insurance <sup>2</sup> .....	77.2	1,018.1	5,443.2	6,190.9	17.2	651.4	3,747.7	4,361.2
Railroad retirement.....	102.0	174.8	329.2	347.3	83.3	176.9	335.9	379.8
<b>Federal retirement</b> .....					103.2	286.9	543.0	633.6
Civil-service.....	47.4	111.0	164.5	178.2	49.1	135.3	263.8	316.0
Other contributory <sup>3</sup> .....	0.6	2.0	2.3	2.6	.7	2.4	4.5	5.1
Noncontributory <sup>4</sup> .....	32.8	71.3	105.5	115.7	53.4	149.2	274.7	312.5
State and local government retirement <sup>5</sup> .....	113.0	213.0	315.0	345.0	103.0	230.0	427.0	470.0
Veterans' program <sup>6,7</sup> .....	29.2	53.5	59.6	55.9	19.8	57.6	75.5	70.9
<b>Survivorship</b> .....					161.5	901.8	2,065.2	2,241.1
Monthly benefits.....					6.4	276.9	1,107.5	1,244.1
Old-age and survivors insurance.....	35.7	1,093.9	2,096.6	2,282.3	1.4	43.9	121.8	133.2
Railroad retirement.....	3.0	136.3	196.5	211.5		8.4	39.4	49.8
Federal civil-service.....		18.3	70.2	80.2				
State and local government retirement <sup>8</sup> .....	25.0	40.0	50.0	50.0	16.0	26.0	38.0	40.0
Veterans' program <sup>9</sup> .....	323.2	991.7	1,152.9	1,173.9	105.7	491.6	688.4	699.2
Workmen's compensation <sup>10</sup> .....	(10)	(10)	(10)	(10)	32.0	55.0	70.0	75.0
<b>Lump-sum payments</b> .....					36.8	86.7	195.7	197.0
Old-age and survivors insurance.....	(10)	(10)	(10)	(10)	11.8	32.7	112.9	109.3
Railroad retirement.....	(10)	(10)	(10)	(10)	2.5	12.7	16.1	14.5
Federal retirement.....	(10)	(10)	(10)	(10)	6.0	8.5	9.9	10.7
Civil-service.....	(10)	(10)	(10)	(10)	5.8	8.1	9.3	9.9
Other contributory.....	(10)	(10)	(10)	(10)	.2	.4	.6	.3
State and local government retirement <sup>11</sup> .....	(10)	(10)	(10)	(10)	12.5	20.0	40.0	45.0
Veterans' program <sup>12</sup> .....	(10)	(10)	(10)	(10)	4.0	12.7	16.8	17.5
<b>Disability</b> .....					480.9	2,444.5	3,175.0	3,277.2
Workmen's compensation.....	(10)	(10)	(10)	(10)	129.0	362.0	520.0	525.0
Veterans' program <sup>13</sup> .....	580.9	2,301.8	2,610.8	2,682.4	298.1	1,674.6	1,982.0	2,030.9
Railroad retirement.....	39.3	76.0	87.1	89.8	30.8	77.3	103.1	110.7
Federal civil-service.....	15.5	43.0	61.2	66.0	13.0	40.5	72.1	84.7
Federal noncontributory <sup>14</sup> .....		56.0	85.2	87.1		148.7	208.2	213.0
State and local government retirement <sup>15</sup> .....	14.3	32.0	50.0	50.0	10.0	24.0	45.0	50.0
State temporary disability insurance <sup>16</sup> .....		54.1	80.9	86.5		89.3	192.7	213.4
Railroad temporary disability insurance <sup>17</sup> .....		31.2	31.9	30.3		28.1	51.9	49.5
<b>Unemployment</b> .....					534.7	1,466.2	1,531.2	1,512.1
State unemployment insurance <sup>18</sup> .....	982.4	1,305.0	1,099.5	1,037.0	518.7	1,373.4	1,350.3	1,380.7
Railroad unemployment insurance <sup>19</sup> .....	41.5	76.8	63.1	47.6	16.0	59.8	93.3	70.4
Veterans' unemployment allowances <sup>20</sup> .....		32.1	72.4	50.7		33.0	87.7	60.9
Self-employment allowances to veterans.....		1.5	(17)	(17)		1.7	(17)	(17)

<sup>1</sup> Average monthly number, except as noted.

<sup>2</sup> Includes benefits paid to dependents of retired-worker beneficiaries.

<sup>3</sup> For 1940 and 1950, includes small but unknown number and amount of disability and survivor benefits. For 1955 and 1956, represents old-age retirement benefits only.

<sup>4</sup> Old-age retirement includes small number and amount of survivor benefits. For 1940, includes significant amount of disability payments.

<sup>5</sup> Benefits for fiscal year (usually ending June 30). For survivorship, number represents families.

<sup>6</sup> Under Veterans Administration.

<sup>7</sup> Data are for veterans of Spanish-American War, Boxer Rebellion, and Philippine Insurrection; for 1955 and 1956, includes all service pensions for this group. <sup>8</sup> Preliminary.

<sup>9</sup> Monthly survivor benefits include a small but unknown amount of lump-sum death payments.

<sup>10</sup> Not available. <sup>11</sup> Payments are for burial of deceased veterans.

<sup>12</sup> Excludes payments for medical care.

<sup>13</sup> Includes pensions and compensation, and subsistence payments to disabled veterans undergoing training.

<sup>14</sup> Benefits payable in only 4 States—Rhode Island, California, New Jersey, and New York. Includes maternity data for Rhode Island. Excludes hospital benefits in California and hospital, surgical, and medical care benefits paid under approved plans in New York. Number represents average weekly number of beneficiaries; excludes private-plan beneficiaries in California and New Jersey.

<sup>15</sup> Beneficiaries are average number during 14-day registration period.

<sup>16</sup> Average weekly number. Beginning 1955, State unemployment insurance includes payments to unemployed Federal workers made by the States as agents of the Federal Government.

<sup>17</sup> Small number and amount of self-employment allowances included with unemployment allowances.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*.

# No. 338.—SELECTED CHARACTERISTICS OF THE CIVILIAN POPULATION 65 YEARS OLD AND OVER: 1954 TO 1957

[In thousands, except median income. Based on Current Population Survey, and not entirely comparable with decennial census; see Technical Note, p. 201. For definitions of terms, see pp. 2, 3, 199, and 200]

CHARACTERISTIC	1954	APRIL 1955			MARCH 1956			MARCH 1957		
		Total	Male	Female	Total	Male	Female	Total	Male	Female
Total, 65 years and over.....	13,735	14,018	6,520	7,498	14,404	6,670	7,734	14,681	6,754	7,927
Color and residence:										
Urban and rural nonfarm.....	11,958	12,011	5,400	6,611	12,316	5,500	6,816	12,833	5,735	7,098
Rural farm.....	1,777	2,007	1,120	887	2,088	1,170	918	1,848	1,019	829
Marital status:										
Single.....	1,132	1,139	515	624	1,070	468	602	1,132	496	636
Married.....	7,180	7,081	4,387	2,694	7,414	4,616	2,798	7,512	4,622	2,890
Spouse present.....	6,911	6,791	4,224	2,567	7,070	4,401	2,669	7,181	4,428	2,753
Spouse absent.....	269	290	163	127	344	215	129	331	194	137
Widowed.....	5,197	5,601	1,563	4,038	5,759	1,500	4,259	5,823	1,516	4,307
Divorced.....	226	197	115	82	161	86	75	214	120	94
Total, 65 years and over <sup>1</sup> .....	13,339	13,634	6,345	7,289	14,010	6,488	7,522	14,293	6,576	7,717
Labor force:										
Civilian labor force.....	3,189	3,305	2,401	814	3,387	2,580	807	3,349	2,459	890
Employed.....	3,047	3,203	2,402	801	3,289	2,499	791	3,223	2,361	862
In agriculture.....	688	714	650	64	802	718	85	655	587	68
In nonagricultural industries.....	2,359	2,489	1,752	737	2,487	1,781	706	2,568	1,774	794
Unemployed.....	142	102	88	13	97	82	16	127	98	29
Not in labor force.....	10,150	10,329	3,854	6,475	10,624	3,908	6,715	10,943	4,118	6,826
Income in previous year:										
Number of persons with income.....	9,890	10,390	5,859	4,531	10,973	6,083	4,890	11,717	6,209	5,508
Median income for persons with income.....	\$864	\$902	\$1,268	\$694	\$931	\$1,337	\$700	\$961	\$1,421	\$738

<sup>1</sup> Excludes inmates of institutions 65 years and over: In 1950, total, 385,000; males, 175,000; females, 210,000.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, P-50, P-60, and records.

# No. 339.—PERSONS 65 YEARS OLD AND OVER, RECEIVING MONEY INCOME FROM SPECIFIED SOURCES: 1950 TO 1956

[As of December; partly estimated. Continental U. S., except for 1956]

SOURCE OF INCOME	NUMBER OF PERSONS (1,000,000)				PERCENT DISTRIBUTION			
	1950	1954	1955	1956	1950	1954	1955	1956
Total.....	12.5	13.9	14.3	14.8	100.0	100.0	100.0	100.0
Employment.....	3.8	3.9	4.1	4.1	30.8	27.9	28.7	27.7
Earnings.....	2.9	2.9	3.2	3.2	23.0	21.2	22.1	21.6
Wives of earners not themselves employed.....	0.9	0.9	0.9	0.9	7.2	6.7	6.6	6.2
Social insurance and related programs <sup>2</sup> .....	3.6	6.6	7.6	8.5	28.5	47.3	53.4	57.7
Old-age and survivors insurance.....	2.6	5.3	6.2	7.0	20.7	37.9	43.6	47.3
Railroad retirement insurance.....	0.3	0.5	0.5	0.5	2.3	3.3	3.5	3.5
Government employees' retirement programs.....	0.3	0.4	0.5	0.5	2.4	3.1	3.2	3.4
Veterans' compensation and pension programs.....	0.3	0.5	0.6	0.7	2.7	3.9	4.2	5.0
Wives of beneficiaries not in direct receipt of benefits.....	0.2	0.2	0.2	0.2	1.5	1.3	1.4	1.6
Public assistance <sup>3</sup> .....	2.8	2.6	2.5	2.6	22.5	18.4	17.9	17.4
No money income or income solely from other sources.....	3.1	2.2	1.7	1.5	25.2	16.1	11.8	10.1
Income from more than one of specified sources.....	0.9	1.3	1.7	1.9	7.0	9.7	12.0	12.9
Employment and social insurance or assistance.....	0.5	0.8	1.2	1.3	4.3	6.0	8.2	9.1
Social insurance and public assistance.....	0.3	0.5	0.5	0.6	2.7	3.7	3.8	3.9

<sup>1</sup> Total population 65 and over is less than sum of the first 4 major classifications by the number in the fifth; persons with more than 1 major source of income were counted under each appropriate classification and then classified separately. Persons with income from sources specified may also have income from other sources (for example, private pensions or interest, dividends, and other returns on investment).

<sup>2</sup> Persons with income from more than one program counted only once. In addition, about 100,000 aged were receiving benefits under unemployment insurance and an unknown number under workmen's compensation and temporary disability insurance; overlap with other programs cannot be estimated.

<sup>3</sup> Old-age assistance recipients and persons aged 65 and over receiving aid to the blind. Includes about 10,000 persons receiving vendor payments for medical care but no direct cash payment.

Source: Department of Health, Education, and Welfare, Social Security Administration; data appear periodically in *Social Security Bulletin*.

# No. 340.—OLD-AGE AND SURVIVORS INSURANCE—ACCOUNTS ESTABLISHED, AND WORKERS AND EARNINGS UNDER COVERED EMPLOYMENT: 1937 TO 1957

[Beginning 1952, estimates of employment and earnings are preliminary; they include self-employment on an annual but not quarterly basis after 1950. Corrected to January 22, 1958]

YEAR OR QUARTER	Social security accounts established <sup>1</sup>	COVERED EMPLOYMENT				
		Workers during period <sup>2</sup>	All earnings <sup>3</sup>		Taxable earnings <sup>4</sup>	
			Total	Average per worker	Total	Average per worker
	1,000	1,000	\$1,000,000	Dollars	\$1,000,000	Dollars
1937.....	37,139	32,904	32,770	996	29,615	900
1940.....	5,227	35,393	35,668	1,008	32,974	932
1945.....	3,321	46,392	71,560	1,543	62,945	1,357
1950.....	2,891	48,283	109,804	2,274	87,498	1,812
1951.....	4,927	58,100	148,000	2,550	121,000	2,080
1952.....	4,363	59,600	161,000	2,700	128,800	2,160
1953.....	3,464	61,000	173,000	2,840	136,000	2,230
1954.....	2,743	59,700	172,000	2,880	134,000	2,240
1955.....	4,323	66,000	196,000	2,970	158,000	2,390
1956.....	4,376	68,000	218,000	3,210	174,000	2,560
January-March <sup>5</sup> .....	1,341	48,500	44,000	910	42,700	880
April-June <sup>6</sup> .....	1,113	50,500	45,000	890	42,000	840
July-September <sup>6</sup> .....	1,058	52,000	46,000	880	36,600	720
October-December <sup>6</sup> .....	864	51,000	49,000	960	28,600	620
1957:						
January-March <sup>6</sup> .....	829	53,000	49,000	920	48,000	910

<sup>1</sup> Excludes 2.8 million accounts under railroad retirement.

<sup>2</sup> Represents reported workers with taxable earnings. See footnote 4.

<sup>3</sup> Includes earnings in excess of annual taxable limit. See footnote 4.

<sup>4</sup> The annual limit on taxable wages was \$3,000 prior to 1951, \$3,600 during 1951-54, and \$4,200 beginning 1955.

<sup>5</sup> Includes 17,202,000 accounts established in 1936. <sup>6</sup> Covered employment excludes agricultural labor.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

# No. 341.—OLD-AGE AND SURVIVORS INSURANCE—CIVILIAN LABOR FORCE, BY EMPLOYMENT AND COVERAGE STATUS: 1950 TO 1956

[In millions of persons 14 years old and over. As of December]

EMPLOYMENT AND COVERAGE STATUS	1950	1953	1954	1955	1956
Civilian labor force.....	62.5	62.6	63.5	66.6	67.0
Unemployed.....	2.2	1.8	2.8	2.4	2.5
Employed.....	60.3	60.8	60.7	64.2	64.6
Covered by old-age and survivors insurance <sup>1</sup> .....	36.5	45.9	45.2	51.7	52.8
Covered under 1939 act.....	36.5	37.5	36.3	38.7	39.5
Additional coverage under 1950, 1954, and 1956 amendments.....		8.4	8.9	12.9	13.3
Jointly covered by railroad retirement and old-age and survivors insurance <sup>2</sup> .....		1.4	1.2	1.3	1.2
Not covered by old-age and survivors insurance.....	23.8	13.5	14.2	11.2	10.6
Federal, State, and local governments.....	5.9	4.9	5.5	5.4	4.9
Agriculture.....	5.3	4.3	4.3	1.3	1.3
Wage and salary workers.....	1.3	0.9	0.8	0.1	0.2
Self-employed.....	3.9	3.5	3.5	1.2	1.1
Domestic service.....	2.1	0.8	0.9	0.9	0.9
Unpaid family workers.....	1.3	1.0	1.2	1.4	1.4
Agricultural.....	0.9	0.7	0.6	0.9	0.8
Nonagricultural.....	0.4	0.4	0.5	0.5	0.6
Other <sup>3</sup> .....	9.2	2.4	2.5	2.3	2.1

<sup>1</sup> Beginning 1953, excludes employees of State and local governments and nonprofit organizations who were not actually covered although eligible for coverage; beginning 1955, also excludes ministers not actually covered although eligible for coverage.

<sup>2</sup> Under the 1951 amendments to the Railroad Retirement Act, earnings in railroad service are credited toward benefits under both railroad and old-age and survivors insurance programs.

<sup>3</sup> Beginning 1953, includes noncovered workers in the following partially covered industries: Nonagricultural self-employment; educational institutions and agencies; medical and health services; religious, charitable, and membership organizations; and forestry and fishing. In 1950, also includes noncovered workers in railroad and railway express companies and in banks and trust companies.

Source: Department of Health, Education and Welfare, Social Security Administration; *Social Security Bulletin*, 1956 Annual Supplement.



### No. 342.—PRIVATE PENSION AND DEFERRED PROFIT-SHARING PLANS—ESTIMATED COVERAGE, CONTRIBUTIONS, RESERVES, BENEFICIARIES, AND BENEFIT PAYMENTS: 1940 TO 1956

[Includes pay-as-you-go plans, nonprofit organization plans, and deferred profit-sharing plans. Excludes railroad plans other than those supplementing Federal Railroad Retirement Act. Under "insured plans," insurance carriers are the mediums through which benefits are provided; sponsors of the plans pay premiums to these carriers. Under "self-insured plans," sponsors perform functions of insurance carriers]

ITEM	1940	1945	1950	1951	1952	1953	1954	1955	1956
Coverage <sup>1 2</sup> .....1,000.....	3,800	5,900	9,000	10,000	10,900	12,100	13,100	14,200	15,200
Insured plans.....do.....			2,600	2,900	3,200	3,500	3,700	3,900	4,100
Self-insured plans.....do.....			6,400	7,100	7,600	8,600	9,400	10,300	11,100
Contributions:									
Employer.....mil. dol.....	180	830	1,750	2,260	2,510	2,880	2,880	3,150	3,450
Insured plans.....do.....			720	820	910	1,000	1,030	1,100	1,110
Self-insured plans.....do.....			1,030	1,440	1,600	1,880	1,850	2,050	2,340
Employee.....do.....	110	140	310	360	400	450	480	520	580
Insured plans.....do.....			200	220	240	260	270	280	290
Self-insured plans.....do.....			110	140	160	190	210	240	290
Reserves <sup>1</sup> .....bil. dol.....	2.4	5.4	11.2	13.7	16.5	19.3	22.7	26.2	29.9
Insured plans.....do.....			5.4	6.4	7.5	8.6	9.8	11.1	12.3
Self-insured plans.....do.....			5.8	7.3	9.0	10.7	12.9	15.1	17.6
Number of monthly beneficiaries <sup>1</sup>									
1,000.....do.....	150	300	440	530	630	730	850	1,000	1,160
Insured plans.....do.....			150	170	190	220	260	290	330
Self-insured plans.....do.....			290	360	440	510	590	710	830
Amount of annual benefit payments <sup>3</sup> .....mil. dol.....	130	210	360	440	510	600	670	810	950
Insured plans.....do.....			90	110	130	150	170	200	230
Self-insured plans <sup>3</sup> .....do.....			270	330	380	450	500	610	720

<sup>1</sup> As of end of year.

<sup>2</sup> Excludes annuitants.

<sup>3</sup> Includes some refunds to employees, as well as lump-sum payments under deferred profit-sharing plans.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, March 1958.

### No. 343.—OLD-AGE AND SURVIVORS INSURANCE—AMOUNT OF BENEFIT PAYMENTS: 1940 TO 1957

[In thousands of dollars. Payments under 1939 and later amendments, except as noted. Corrected to February 3, 1958]

TYPE	1940	1945	1950	1953	1954	1955	1956	1957
Total payments.....	35,354	273,885	961,094	3,006,298	3,670,163	4,968,155	5,714,608	7,404,024
Monthly benefits, total <sup>2</sup> .....	23,521	247,758	928,354	2,918,847	3,577,934	4,855,282	5,605,304	7,265,239
Old-age.....	14,761	125,758	556,896	1,884,179	2,339,622	3,262,878	3,792,764	4,888,434
Wife's or husband's.....	1,947	20,639	88,060	275,134	337,568	466,047	555,580	756,459
Child's.....	3,905	53,770	141,940	384,897	451,031	561,084	614,058	693,703
Widow's or widower's.....	420	20,122	98,820	248,121	303,610	396,461	469,174	652,565
Mother's.....	2,410	26,527	49,161	114,495	132,734	163,138	176,779	198,222
Parent's.....	78	912	3,477	12,051	13,366	15,724	16,943	19,180
Disability.....								56,076
Lump-sum.....	11,833	126,127	32,740	87,451	92,229	112,873	109,304	138,785

<sup>1</sup> Includes lump-sum payments under 1935 act in the amount of \$3,247,000 for 1940 and \$19,000 for 1945, payable with respect to workers who died before January 1940.

<sup>2</sup> Distribution by type (other than disability) estimated.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear annually in *Social Security Bulletin*.

## No. 344.—OLD-AGE AND SURVIVORS INSURANCE—NUMBER AND AMOUNT OF MONTHLY BENEFITS, BY TYPE: 1940 TO 1957

[Corrected to February 5, 1958]

ITEM AND YEAR	Total	Old-age	Wife's or hus- band's	Child's <sup>1</sup>	Widow's or wid- ower's	Mother's	Parent's	Disa- bility <sup>2</sup>
<b>BENEFITS IN CURRENT-PAY- MENT STATUS, END OF YEAR</b>								
<b>Number:</b>								
1940.....	222,488	112,331	29,749	54,648	4,437	20,409	824	-----
1945.....	1,288,107	618,234	159,168	390,134	93,781	120,581	6,209	-----
1950.....	3,477,243	1,770,984	508,350	900,703	314,189	169,438	14,579	-----
1952.....	5,025,549	2,643,932	737,859	938,751	454,563	228,984	21,460	-----
1954.....	6,886,480	3,776,134	1,016,892	1,160,770	638,091	271,536	25,057	-----
1955.....	7,960,616	4,478,971	1,191,963	1,270,240	701,360	291,916	25,166	-----
1956.....	9,128,121	5,112,430	1,433,507	1,340,995	913,069	301,240	26,880	-----
1957.....	11,128,897	6,197,532	1,827,048	1,502,077	1,095,137	328,309	28,944	149,850
<b>Total monthly amount (1,000):</b>								
1940.....	\$4.070	\$2.539	\$361	\$668	\$90	\$402	\$11	-----
1945.....	23.801	12.538	2,040	4,858	1,893	2,391	81	-----
1950.....	126,857	77,678	11,695	19,366	11,481	5,801	535	-----
1952.....	205,179	130,217	19,178	28,141	18,482	8,273	887	-----
1954.....	339,342	223,272	32,271	40,996	29,526	12,089	1,189	-----
1955.....	411,613	276,942	39,416	46,444	34,152	13,403	1,257	-----
1956.....	482,593	322,537	48,326	50,324	45,780	14,262	1,365	-----
1957.....	605,455	400,250	62,802	57,952	55,944	16,102	1,501	\$10,904
<b>Average monthly benefit:</b>								
1940.....	-----	\$22.60	\$12.13	\$12.22	\$20.28	\$19.61	\$13.09	-----
1945.....	-----	24.19	12.82	12.45	20.19	19.83	13.05	-----
1950.....	-----	43.85	23.60	27.68	36.84	34.24	36.70	-----
1952.....	-----	49.25	25.99	28.98	40.66	36.13	41.33	-----
1954.....	-----	59.14	31.77	35.32	46.27	44.52	47.44	-----
1955.....	-----	61.90	33.07	36.39	48.69	45.91	49.98	-----
1956.....	-----	63.09	33.71	37.53	50.14	47.35	50.78	-----
1957.....	-----	64.58	34.37	38.58	51.08	49.05	51.87	\$72.76
<b>BENEFITS AWARDED DURING YEAR<sup>3</sup></b>								
<b>Number:</b>								
1940.....	254,684	132,335	34,555	50,382	4,600	23,260	852	-----
1945.....	462,463	185,174	63,068	127,514	29,844	55,108	1,755	-----
1950 (1939 amendments).....	384,334	183,223	66,685	67,730	40,681	24,595	1,420	-----
1950 (1950 amendments).....	578,294	383,908	96,083	54,911	26,054	16,506	832	-----
1952 (1950 amendments).....	472,977	203,107	73,751	103,168	53,204	37,342	2,405	-----
1952 (1952 amendments).....	580,326	328,009	108,955	80,177	39,098	27,533	1,463	-----
1954 (1952 amendments).....	804,249	437,870	135,911	120,952	67,168	40,298	2,050	-----
1954 (1954 amendments).....	597,484	312,041	100,853	91,844	60,858	30,477	1,411	-----
1955.....	1,657,773	909,883	288,915	238,795	140,624	76,018	3,538	-----
1956.....	1,855,296	934,033	384,562	211,783	253,524	67,475	3,919	-----
1957.....	2,832,400	1,425,049	578,018	313,164	244,587	88,184	4,683	178,824
<b>Total monthly amount (1,000):</b>								
1940.....	\$4.710	\$3.005	\$420	\$725	\$94	\$456	\$11	-----
1945.....	8.805	4.650	822	1,614	602	1,094	23	-----
1950 (1939 amendments).....	8,749	5,318	1,002	970	881	557	21	-----
1950 (1950 amendments).....	17,485	12,761	1,894	1,253	961	585	31	-----
1952 (1950 amendments).....	15,315	8,054	1,591	2,486	1,800	1,232	86	-----
1952 (1952 amendments).....	27,435	19,065	3,101	2,450	1,593	1,102	64	-----
1954 (1952 amendments).....	37,481	24,952	3,970	3,880	2,795	1,810	94	-----
1954 (1954 amendments).....	31,870	20,707	3,465	3,802	2,786	1,534	75	-----
1955.....	33,906	63,452	10,321	8,919	6,984	4,035	194	-----
1956.....	102,105	62,913	13,274	8,524	13,615	3,769	220	-----
1957.....	161,305	96,313	19,791	12,184	13,185	5,010	267	\$14,552
<b>Average monthly benefit:</b>								
1940.....	-----	\$22.71	\$12.15	\$12.20	\$20.36	\$19.60	\$13.09	-----
1945.....	-----	25.11	13.03	12.66	20.17	19.85	13.11	-----
1950 (1939 amendments).....	-----	29.02	15.03	14.32	21.66	22.65	14.79	-----
1950 (1950 amendments).....	-----	33.24	19.71	22.82	36.88	35.44	37.26	-----
1952 (1950 amendments).....	-----	39.65	21.57	24.10	35.07	33.00	35.89	-----
1952 (1952 amendments).....	-----	58.11	29.53	30.55	40.75	42.20	43.58	-----
1954 (1952 amendments).....	-----	56.98	29.21	31.91	41.61	44.92	46.06	-----
1954 (1954 amendments).....	-----	66.36	34.36	35.95	45.78	50.33	53.20	-----
1955.....	-----	69.74	35.72	37.35	49.67	53.08	54.73	-----
1956.....	-----	67.36	34.52	39.31	53.70	55.71	56.16	-----
1957.....	-----	67.59	34.24	38.91	53.91	56.82	58.17	\$81.88

<sup>1</sup> Beginning 1957, includes benefits payable to disabled persons 18 years old or over whose disability began before age 18 and who are dependent children of a deceased or retired worker.

<sup>2</sup> Beginning July 1957, payable to disabled workers 50-64 years old; data on amount of benefits awarded are shown before reduction for a benefit based on disability payable under another program.

<sup>3</sup> Represents new entitlements.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

No. 345.—OLD-AGE AND SURVIVORS INSURANCE—INDIVIDUAL BENEFICIARIES AND BENEFITS, BY STATES AND OTHER AREAS: 1957

[In thousands. By beneficiary's State of residence. Partly estimated]

STATE OR OTHER AREA	MONTHLY BENEFITS IN CURRENT PAYMENT STATUS, JUNE 30, 1957		AMOUNT OF BENEFIT PAYMENTS IN FISCAL YEAR 1957					Number of lump-sum payments in fiscal year 1957 <sup>1</sup>
	Number	Amount	Total	Old-age	Supplementary	Survivor	Lump-sum death payments <sup>2</sup>	
Total.....	10,342.1	\$554,637	\$6,514,580	\$4,340,270	\$679,289	\$1,372,130	\$122,891	640.9
Alabama.....	152.9	6,583	76,600	44,605	7,713	22,703	1,579	8.9
Arizona.....	49.2	2,544	29,688	18,572	2,833	7,659	624	3.2
Arkansas.....	102.0	4,390	49,296	32,256	5,521	10,755	784	4.7
California.....	808.7	45,001	533,981	370,550	50,764	103,104	9,563	50.0
Colorado.....	85.9	4,510	52,795	35,708	5,612	10,651	824	4.3
Connecticut.....	166.9	10,125	121,544	83,488	12,613	23,061	2,382	11.5
Delaware.....	23.5	1,292	15,338	10,169	1,529	3,305	335	1.7
District of Columbia.....	37.2	1,967	23,697	16,342	1,781	4,932	542	3.0
Florida.....	295.0	15,884	183,065	128,329	20,590	31,422	2,724	14.9
Georgia.....	160.1	6,912	80,381	46,819	7,224	24,361	1,977	11.2
Idaho.....	37.0	1,839	20,907	14,157	2,313	4,106	331	1.8
Illinois.....	609.2	34,939	414,387	279,276	42,379	83,088	9,044	45.1
Indiana.....	300.2	16,196	188,509	125,780	21,208	37,985	3,536	18.3
Iowa.....	177.7	9,170	102,713	72,067	12,167	16,910	1,569	8.4
Kansas.....	130.6	6,624	73,865	50,730	8,765	13,117	1,253	6.4
Kentucky.....	179.4	8,200	93,306	58,520	10,117	23,035	1,634	9.0
Louisiana.....	119.5	5,491	64,539	37,673	5,974	19,363	1,224	8.0
Maine.....	79.4	4,035	48,839	33,872	4,865	9,109	933	5.1
Maryland.....	140.8	7,486	89,208	56,961	8,422	21,766	2,059	10.7
Massachusetts.....	397.6	23,054	278,953	193,083	27,010	52,523	4,837	24.4
Michigan.....	441.1	25,735	301,814	195,784	33,585	66,634	5,811	29.4
Minnesota.....	109.9	10,684	121,467	84,198	13,612	21,704	1,953	10.3
Mississippi.....	90.2	3,612	40,025	24,724	4,056	10,454	791	5.0
Missouri.....	283.1	14,980	171,428	118,477	18,491	31,538	2,922	15.6
Montana.....	39.0	2,039	23,052	15,713	2,329	4,600	410	2.2
Nebraska.....	87.1	4,428	48,508	34,372	5,815	7,621	700	4.0
Nevada.....	10.3	570	6,750	4,664	463	1,459	164	0.9
New Hampshire.....	48.5	2,609	31,522	22,248	3,044	5,624	606	3.2
New Jersey.....	389.4	23,181	274,414	183,510	28,771	56,547	5,536	27.8
New Mexico.....	28.8	1,264	14,616	8,362	1,380	4,514	360	1.9
New York.....	1,116.0	64,350	768,691	530,450	76,255	146,443	15,543	78.8
North Carolina.....	185.0	8,124	92,204	54,293	8,900	27,049	1,962	11.4
North Dakota.....	28.2	1,318	13,622	9,449	1,593	2,410	170	0.9
Ohio.....	583.5	33,240	394,827	258,728	44,086	84,503	7,510	38.3
Oklahoma.....	119.8	5,762	66,004	42,822	7,259	14,846	1,077	6.0
Oregon.....	126.2	6,928	81,948	58,476	8,328	13,950	1,194	6.2
Pennsylvania.....	789.4	44,664	537,455	349,549	58,713	119,054	10,139	51.1
Rhode Island.....	67.3	3,840	46,326	32,207	4,568	8,675	876	4.3
South Carolina.....	91.7	3,877	44,848	24,849	3,926	14,946	1,127	6.8
South Dakota.....	37.1	1,814	19,304	13,551	2,308	3,210	235	1.2
Tennessee.....	169.8	7,467	84,730	52,081	8,580	22,333	1,736	9.9
Texas.....	380.5	18,059	205,927	125,935	21,208	54,351	4,373	23.5
Utah.....	39.2	2,058	23,786	14,670	2,761	5,940	415	2.1
Vermont.....	29.0	1,476	17,555	12,058	1,861	3,329	307	1.7
Virginia.....	178.7	8,367	97,793	60,002	9,538	26,210	2,043	11.7
Washington.....	183.4	10,185	120,904	84,942	12,423	21,589	1,950	9.7
West Virginia.....	134.0	6,541	77,760	46,386	8,706	21,448	1,220	6.6
Wisconsin.....	259.5	14,264	165,353	112,366	19,129	31,115	2,743	14.5
Wyoming.....	15.2	804	9,272	6,301	911	1,889	171	0.9
Alaska.....	4.9	238	2,854	1,915	128	764	47	0.2
Hawaii.....	22.1	1,074	12,561	8,349	1,006	3,060	146	0.8
Puerto Rico.....	48.3	1,449	15,913	10,716	1,563	3,494	200	1.4
Virgin Islands.....	0.6	19	226	163	18	36	9	( <sup>4</sup> )
Foreign.....	62.7	3,374	39,610	28,423	3,615	7,231	341	2.0

<sup>1</sup> Distribution by State and type of benefit estimated. Supplementary benefits are paid to wives 62 years old or over, wives under age 62 with child beneficiaries in their care, dependent aged husbands, and children of old-age beneficiaries. Survivor benefits are paid to following survivors of deceased insured workers: aged widows, dependent aged widowers, children, widowed mothers or divorced wives with child beneficiaries in their care, or dependent aged parents.

<sup>2</sup> Distribution by State based on 10-percent sample.

<sup>3</sup> Distribution by State based on 10-percent sample; exceeds number of deceased workers with respect to whose earnings records lump-sum death payments were paid. <sup>4</sup> Less than 50.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

# No. 346.—OLD-AGE AND SURVIVORS INSURANCE AND DISABILITY INSURANCE TRUST FUNDS: 1937 TO 1957

[In millions of dollars]

PERIOD	RECEIPTS		EXPENDITURES		ASSETS		
	Net contribution income and transfers <sup>1</sup>	Interest received <sup>2</sup>	Benefit payments	Administrative expenses <sup>3</sup>	Net total of U. S. Government securities acquired <sup>4</sup>	Cash balance at end of period	Total assets at end of period
<b>OLD-AGE AND SURVIVORS INSURANCE TRUST FUND</b>							
Cumulative, January 1937-December 1957	51,559	4,758	32,743	1,182	21,566	827	22,393
1940	607	43	35	26	581	14	2,031
1941	789	56	88	26	720	26	2,762
1942	1,012	72	131	28	919	33	3,083
1943	1,239	88	166	29	1,123	42	4,820
1944	1,316	107	209	29	1,188	38	6,005
1945	1,285	134	274	30	1,088	66	7,121
1946	1,295	152	378	40	1,024	71	8,150
1947	1,558	164	466	46	1,190	92	9,360
1948	1,688	281	550	51	1,287	166	10,722
1949	1,670	146	667	54	1,172	88	11,816
1950	2,671	257	961	61	1,603	391	13,721
1951	3,367	417	1,885	81	1,687	522	15,540
1952	3,819	365	2,194	88	1,943	481	17,442
1953	3,945	414	3,006	88	1,331	416	18,707
1954	5,163	468	3,670	92	1,571	713	20,576
1955	5,713	461	4,968	119	1,239	561	21,663
1956	6,172	531	5,715	132	729	689	22,519
1957	6,825	557	7,347	162	-265	827	22,393
<b>DISABILITY INSURANCE TRUST FUND <sup>5</sup></b>							
1956-57 <sup>6</sup>	337	1		1	325	12	337
1957	702	7	57	3	612	37	649

<sup>1</sup> For July 1940 to December 1950 equals taxes collected; beginning January 1951, equals amounts appropriated (estimated tax collections) and, from May 1951, deposits by States under voluntary coverage agreements. For 1947-51 includes amounts appropriated to meet costs of benefits payable to certain veterans' survivors. Beginning 1952, includes deductions for refund of estimated amount of employee-tax overpayment.

<sup>2</sup> Includes interest transferred from the railroad retirement account under the financial interchange provision of the Railroad Retirement Act, as amended.

<sup>3</sup> Represents net expenditures for administration. Beginning November 1951, adjusted for reimbursements to trust fund of small amounts for sales of services. Beginning October 1953, includes amounts for expenses of plans and preparations for construction authorized by Public Law 170, 83d Congress, 1st session.

<sup>4</sup> Includes accrued interest and repayments on account of accrued interest on bonds at time of purchase.

<sup>5</sup> Established under the Social Security Act, as amended in 1956. <sup>6</sup> Fiscal-year data.

Source: Treasury Department; *Monthly Statement of Receipts and Expenditures of the U. S. Government and records.*

# No. 347.—CORPORATE PENSION FUNDS—ASSETS, RECEIPTS, AND EXPENDITURES: 1951 TO 1956

[In millions of dollars. Covers all corporate pension plans except those administered by insurance companies and labor unions. Excludes plans of religious, educational, and other nonprofit organizations]

ASSETS, RECEIPTS, AND EXPENDITURES	1951	1952	1953	1954	1955	1956
<b>Assets (book value, end of year)</b>	<b>6,876</b>	<b>8,505</b>	<b>10,222</b>	<b>12,153</b>	<b>14,230</b>	<b>16,639</b>
Cash and deposits	291	271	313	296	343	332
U. S. Government securities	2,170	2,218	2,297	2,284	2,536	2,293
Corporate bonds	3,125	4,167	5,181	6,359	7,225	8,704
Preferred stock	272	335	397	454	510	570
Common stock	812	1,228	1,649	2,286	2,958	3,774
Own company	246	301	342	382	434	505
Other companies	566	927	1,307	1,904	2,524	3,269
Mortgages	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	146	230
Other assets	206	286	384	473	511	736
<b>Receipts</b>	<b>1,575</b>	<b>1,792</b>	<b>2,170</b>	<b>2,248</b>	<b>2,593</b>	<b>2,945</b>
Employer contribution	1,257	1,392	1,681	1,648	1,803	2,063
Employee contribution	129	153	176	191	222	267
Income from interest and dividends	189	247	313	409	463	558
Net profit or loss on sale of assets	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	84	49
Other income	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12	19
<b>Expenditures</b>	<b>225</b>	<b>270</b>	<b>322</b>	<b>365</b>	<b>461</b>	<b>557</b>
Benefits paid out	220	263	314	357	447	544
Expenses	5	7	8	8	14	13
<b>Net receipts</b>	<b>1,350</b>	<b>1,522</b>	<b>1,848</b>	<b>1,883</b>	<b>2,122</b>	<b>2,389</b>

<sup>1</sup> Not available separately, included among other items shown.

Source: Securities and Exchange Commission; *Corporate Pension Funds, 1956.*

## No. 348.—SUMMARY OF SELECTED OPERATIONS OF STATE EMPLOYMENT SECURITY AGENCIES: 1943 TO 1957

[Includes Alaska and Hawaii for all items; prior to 1955, Puerto Rico and Virgin Islands for employment service only, thereafter for all items. For Federal grants for administration, see table 335. Corrected to February 5, 1958]

YEAR AND QUARTER	UNEMPLOYMENT INSURANCE						
	Covered employment and wages			Contributions		Interest credited to trust fund	Weekly average insured unemployment under State programs
	Average employment <sup>1</sup>	Wages <sup>2</sup>		Amount collected <sup>4</sup>	Rate payable		
		Total	Taxable <sup>3</sup>				
	1,000	Millions	Millions	1,000		1,000	1,000
1943.....	30,828	\$66,117	\$59,049	\$1,325,421	<sup>a</sup> 2.09	\$81,849	147
1944.....	30,044	69,139	60,637	1,317,050	<sup>a</sup> 1.92	102,007	105
1945.....	28,407	66,642	58,545	1,161,884	<sup>a</sup> 1.71	126,505	589
1946.....	30,234	73,402	63,690	911,835	<sup>a</sup> 1.43	129,667	1,295
1947.....	32,278	86,505	72,981	1,085,520	1.41	138,053	1,009
1948.....	33,088	96,095	78,536	999,635	1.24	154,924	1,002
1949.....	31,695	93,863	76,268	986,905	1.31	156,472	1,976
1950.....	32,887	103,130	81,545	1,191,438	1.50	145,687	1,503
1951.....	34,858	118,717	90,252	1,492,509	1.58	158,265	969
1952.....	35,577	127,814	94,676	1,367,676	1.45	177,351	1,024
1953.....	36,667	139,151	99,630	1,347,630	1.30	201,277	995
1954.....	35,372	137,069	96,539	1,136,154	1.12	198,602	1,865
1955.....	36,590	148,638	101,575	1,208,785	1.18	184,974	1,264
1956.....	38,983	164,508	109,879	1,463,263	1.32	199,597	1,212
1957.....	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	1,544,338	( <sup>b</sup> )	220,398	1,451
1st quarter.....	38,903	41,846	39,845	247,812	1.25	52,805	1,676
2d quarter.....	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	504,385	( <sup>b</sup> )	53,200	1,351
3d quarter.....	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	468,216	( <sup>b</sup> )	57,045	1,187
4th quarter.....	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	323,925	( <sup>b</sup> )	57,347	1,595

YEAR AND QUARTER	UNEMPLOYMENT INSURANCE—Continued				EMPLOYMENT SERVICE			
	Beneficiaries <sup>7</sup> 8	Benefit payments <sup>8</sup>		Funds available for State benefits at end of period <sup>10</sup>	New applications	Counseling interviews	Placements	
		Amount <sup>9</sup>	Weekly average for total unemployment				Total	Nonagricultural
	1,000	1,000		Millions	1,000	1,000	1,000	1,000
1943.....	664	\$79,643	\$13.84	\$4,716	7,417	(5)	12,253	9,393
1944.....	533	62,385	15.90	6,072	2,176	(5)	12,219	11,446
1945.....	2,861	445,866	18.77	6,914	5,757	(5)	10,811	9,808
1946.....	4,461	1,094,850	18.50	6,860	10,404	1,400	7,140	5,519
1947.....	3,984	776,165	17.83	7,303	6,867	1,398	6,328	5,280
1948.....	4,008	793,265	19.03	7,603	6,754	1,200	11,910	5,386
1949.....	7,364	1,737,279	20.48	7,010	8,524	952	13,508	4,443
1950.....	5,212	1,373,426	20.76	6,972	7,752	1,297	13,409	5,625
1951.....	4,127	840,411	21.09	7,782	7,330	1,321	15,328	6,552
1952.....	4,384	998,237	22.79	8,328	7,273	1,296	15,555	6,501
1953.....	4,228	962,221	23.58	8,913	7,865	1,273	15,582	6,235
1954.....	6,590	2,026,866	24.93	8,219	9,054	1,244	14,070	5,158
1955.....	4,591	1,379,219	25.08	8,264	7,983	1,453	14,958	6,052
1956.....	4,730	1,499,312	27.06	8,574	8,338	1,457	15,157	6,035
1957.....	5,647	1,766,445	28.21	8,602	9,181	1,538	14,293	5,724
1st quarter.....	1,726	508,028	27.77	8,375	2,337	429	1,632	1,245
2d quarter.....	1,199	421,438	27.55	8,515	2,281	414	3,842	1,542
3d quarter.....	1,167	364,152	28.00	8,753	2,122	325	5,207	1,930
4th quarter.....	1,554	472,827	29.51	8,662	2,441	369	3,613	1,307

<sup>1</sup> Until January 1945, represents covered employment on last payroll ending in month; thereafter, employment on payroll ending nearest fifteenth of month. Annual figures represent averages of 12 monthly figures.

<sup>2</sup> Total wages in covered employment for all pay periods ending within period.

<sup>3</sup> Wages subject to contributions under State unemployment insurance laws.

<sup>4</sup> Contributions, penalties, and interest from employers, and contributions from employees. Adjusted for refunds of contributions and for dishonored contribution checks.

<sup>5</sup> Includes effect of war-risk contributions. <sup>6</sup> Not available. <sup>7</sup> Represents first payments.

<sup>8</sup> Effective Jan. 1, 1955, includes program for Federal employees; prior years are for State programs only.

<sup>9</sup> Annual figures are adjusted, but quarterly figures are not adjusted, for voided benefit checks. For 1947-50, includes small amounts paid to seamen under the Reconversion Unemployment Benefits for Seamen program. Program expired June 30, 1950.

<sup>10</sup> Sum of balances in State clearing account and benefit-payment account, and in State unemployment trust fund account in U. S. Treasury. State unemployment trust fund accounts include interest credited.

Source: Department of Labor, Bureau of Employment Security.

# No. 349.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT, TOTAL AND TAX- ABLE WAGES COVERED, BY STATES AND TERRITORIES: 1955 AND 1956

[Corrected to February 5, 1958]

STATE OR TERRITORY	Minimum coverage provisions for size of firm <sup>1</sup>	AVERAGE EMPLOYMENT <sup>2</sup> (1,000)		WAGES (\$1,000,000)				AVERAGE CONTRIBUTION RATE PAYABLE (percent)	
		1955	1956	Total <sup>3</sup>		Taxable <sup>4</sup>		1955	1956
				1955	1956	1955	1956		
<b>Total</b> .....		<b>36,590</b>	<b>38,983</b>	<b>148,638</b>	<b>164,508</b>	<b>101,575</b>	<b>109,879</b>	<b>1.18</b>	<b>1.32</b>
Alabama.....	8 in 20 weeks.....	448	512	1,479	1,733	1,114	1,311	0.97	1.12
Arizona.....	8 in 20 weeks.....	159	177	638	749	456	515	1.27	1.33
Arkansas.....	1 in 10 days.....	239	248	660	713	535	571	1.15	1.15
California.....	1 at any time <sup>5</sup> .....	3,256	3,480	14,419	16,204	9,762	10,627	1.51	1.50
Colorado.....	8 in 20 weeks.....	247	285	993	1,181	695	811	0.34	0.57
Connecticut.....	4 in 13 weeks.....	700	743	2,964	3,312	2,002	2,161	1.19	1.18
Delaware.....	1 in 20 weeks.....	119	129	521	606	364	415	0.63	0.74
Dist. of Col.....	1 at any time.....	218	222	835	893	569	596	0.52	0.69
Florida.....	8 in 20 weeks <sup>6</sup> .....	577	712	1,954	2,496	1,487	1,878	0.54	0.74
Georgia.....	8 in 20 weeks.....	631	712	2,001	2,325	1,525	1,754	1.17	1.29
Idaho.....	1 at any time <sup>7</sup> .....	99	105	355	397	267	289	1.75	1.36
Illinois.....	8 in 20 weeks.....	2,498	2,670	11,280	12,539	7,244	7,834	0.72	1.10
Indiana.....	8 in 20 weeks.....	1,016	1,102	4,414	4,863	3,011	3,211	0.96	1.09
Iowa.....	8 in 15 weeks.....	374	410	1,403	1,570	1,002	1,106	0.42	0.60
Kansas.....	8 in 20 weeks <sup>8</sup> .....	313	346	1,237	1,370	875	951	1.09	1.15
Kentucky.....	8 in 20 weeks <sup>9</sup> .....	426	446	1,520	1,555	1,113	1,185	1.76	1.91
Louisiana.....	4 in 20 weeks.....	518	548	1,805	2,046	1,301	1,435	1.13	1.25
Maine.....	8 in 20 weeks.....	170	195	588	674	464	519	1.55	1.61
Maryland.....	1 at any time.....	651	680	2,359	2,617	1,696	1,823	0.85	1.00
Massachusetts.....	1 in 13 weeks.....	1,463	1,506	5,381	5,838	3,831	4,027	1.80	1.71
Michigan.....	8 in 20 weeks.....	1,845	1,882	9,169	9,516	5,629	5,751	0.91	1.28
Minnesota.....	1 in 20 weeks <sup>10</sup> .....	601	622	2,366	2,564	1,619	1,705	0.90	0.96
Mississippi.....	8 in 20 weeks.....	209	239	580	685	470	551	1.15	1.14
Missouri.....	8 in 20 weeks.....	863	937	3,407	3,795	2,338	2,549	0.82	1.00
Montana.....	1 in 20 weeks <sup>11</sup> .....	111	116	411	456	304	326	1.21	1.26
Nebraska.....	8 in 20 weeks <sup>12</sup> .....	188	206	677	753	493	539	0.65	0.75
Nevada.....	1 at any time <sup>13</sup> .....	66	65	288	290	232	225	1.88	1.94
New Hampshire.....	4 in 20 weeks.....	139	141	459	489	360	373	1.90	1.64
New Jersey.....	4 in 20 weeks.....	1,452	1,511	6,290	6,856	4,192	4,421	1.54	1.64
New Mexico.....	2 in 13 weeks <sup>14</sup> .....	125	134	454	515	333	368	1.17	1.19
New York.....	4 in 15 days.....	4,538	4,772	20,011	21,961	12,945	13,835	1.49	1.49
North Carolina.....	8 in 20 weeks.....	750	826	2,248	2,564	1,811	2,031	1.13	1.32
North Dakota.....	8 in 20 weeks.....	51	59	180	210	133	154	1.43	1.50
Ohio.....	3 at any time.....	2,474	2,544	10,927	11,764	7,121	7,427	0.67	0.74
Oklahoma.....	8 in 20 weeks.....	327	363	1,261	1,431	885	983	0.85	0.98
Oregon.....	4 in 6 weeks <sup>15</sup> .....	330	357	1,390	1,552	978	1,194	1.23	1.42
Pennsylvania.....	1 at any time.....	3,053	3,127	11,771	12,737	8,154	8,510	1.63	2.24
Rhode Island.....	4 in 20 weeks.....	227	241	797	874	594	697	2.69	2.72
South Carolina.....	8 in 20 weeks.....	361	388	1,065	1,174	866	940	1.14	1.15
South Dakota.....	8 in 20 weeks <sup>16</sup> .....	56	65	192	226	143	166	0.62	0.91
Tennessee.....	8 in 20 weeks.....	563	623	1,890	2,148	1,417	1,651	1.52	1.71
Texas.....	8 in 20 weeks.....	1,475	1,684	5,621	6,594	3,922	4,537	0.48	0.65
Utah.....	1 at any time <sup>17</sup> .....	153	162	556	622	403	436	1.14	1.12
Vermont.....	8 in 20 weeks.....	63	71	214	253	165	191	1.14	1.23
Virginia.....	8 in 20 weeks.....	576	641	1,911	2,206	1,448	1,638	0.51	0.63
Washington.....	1 at any time.....	568	581	2,386	2,539	1,661	1,715	1.90	2.24
West Virginia.....	8 in 20 weeks.....	324	361	1,319	1,536	912	1,019	1.03	1.23
Wisconsin.....	6 in 18 weeks <sup>18</sup> .....	789	837	3,285	3,627	2,290	2,355	1.01	1.07
Wyoming.....	1 at any time <sup>19</sup> .....	58	59	213	229	157	165	0.95	1.07
Alaska.....	1 at any time.....	29	30	174	216	128	150	2.70	2.70
Hawaii.....	1 at any time.....	103	107	320	343	250	262	0.93	1.04

<sup>1</sup> Employer becomes subject to State unemployment insurance law when he has employed specified minimum number of workers on at least 1 day in each of specified number of weeks within current or preceding calendar year; coverage provisions shown in effect for 1955.

<sup>2</sup> Average of 12 monthly figures, each of which is total number of workers in covered employment in pay periods ending nearest 15th of month. <sup>3</sup> Total wages in covered employment for all pay periods ending in year.

<sup>4</sup> Wages subject to unemployment insurance tax; see text, p. 262.

<sup>5</sup> And wages of \$100 in any calendar quarter.

<sup>6</sup> Or 8 in 8 weeks and payroll in excess of \$12,000 in any quarter.

<sup>7</sup> And wages of \$75 in a calendar quarter. <sup>8</sup> Or 25 in 1 week.

<sup>9</sup> Or 4 in 3 quarters of preceding year with wages of at least \$50 to each of at least 4 workers during each of 3 calendar quarters. <sup>10</sup> But 8 in 20 weeks for employers located outside the corporate limits of a city, village, or borough of 10,000 or more population. <sup>11</sup> Or wages of \$500 in a calendar year.

<sup>12</sup> Or wages of \$10,000 in any calendar quarter. <sup>13</sup> And wages of \$225 in any calendar quarter.

<sup>14</sup> Or 1 at any time and wages of \$450 in a calendar quarter. <sup>15</sup> And wages of \$500 in same calendar quarter.

<sup>16</sup> Or \$24,000 in a year. <sup>17</sup> And wages of \$140 in any calendar quarter.

<sup>18</sup> Or wages of \$6,000 in preceding calendar year. Includes employers with wages of \$10,000 in a calendar quarter toward which not more than \$1,000 per employee need be counted.

<sup>19</sup> And wages of \$600 in a calendar year.

Source: Department of Labor, Bureau of Employment Security.

# No. 350.—UNEMPLOYMENT INSURANCE—STATE, VETERANS, AND FEDERAL EMPLOYEE PROGRAMS, BY STATES AND OTHER AREAS: 1957

[In thousands, except average weekly benefit payments.\* Corrected to February 5, 1958]

STATE OR OTHER AREA	Weekly average insured unemployment <sup>1</sup>	STATE UNEMPLOYMENT INSURANCE					UNEMPLOYMENT COMPENSATION FOR VETERANS		UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES <sup>2</sup>	
		Initial claims <sup>3</sup>	Beneficiaries <sup>4</sup>	Weeks compensated <sup>4</sup>	Amount benefits paid <sup>5</sup>	Average weekly benefit payments <sup>6</sup>	Beneficiaries <sup>7</sup>	Amount benefits paid	Beneficiaries <sup>8</sup>	Amount benefits paid
Total.....	1,571	14,014	5,647	65,261	\$1,733,374	\$28.17	1,085	\$53,086	87	\$32,571
Alabama.....	24	175	78	886	17,742	20.78	36	1,803	2	441
Arizona.....	6	60	21	200	4,729	26.20	8	304	1	426
Arkansas.....	15	122	47	506	9,567	19.75	19	946	1	227
California.....	127	1,289	500	5,441	151,903	29.84	69	2,902	9	3,575
Colorado.....	5	53	21	220	6,088	29.61	9	380	1	313
Connecticut.....	24	259	93	1,087	32,250	30.80	10	287	(11)	251
Delaware.....	3	29	18	187	5,470	30.55	2	80	(11)	44
Dist. of Col.....	6	38	18	232	4,611	25.41	8	353	3	1,418
Florida.....	19	179	72	654	13,860	22.10	22	817	2	358
Georgia.....	29	214	102	1,163	24,691	22.43	23	1,454	2	740
Idaho.....	5	38	21	216	5,948	28.80	6	270	1	229
Illinois.....	69	646	258	2,954	80,307	29.06	41	1,314	3	1,011
Indiana.....	35	335	155	1,519	39,027	27.04	28	1,371	2	676
Iowa.....	9	78	38	387	9,412	25.71	11	603	(11)	62
Kansas.....	9	80	42	418	10,782	27.19	10	405	1	217
Kentucky.....	35	187	93	1,356	30,994	23.05	33	1,872	2	731
Louisiana.....	14	123	42	551	11,624	22.38	15	712	1	218
Maine.....	11	91	43	480	9,784	20.59	10	352	1	122
Maryland.....	18	198	105	914	24,486	28.78	17	453	2	783
Massachusetts.....	02	649	245	2,802	75,132	30.24	34	730	2	528
Michigan.....	96	873	343	3,873	132,317	34.55	45	3,674	1	497
Minnesota.....	24	147	78	1,014	24,638	25.38	29	1,382	1	523
Mississippi.....	16	120	51	618	11,808	20.41	18	894	1	455
Missouri.....	31	329	125	1,187	24,753	22.58	34	1,265	1	341
Montana.....	6	47	26	303	7,655	26.17	5	251	1	286
Nebraska.....	6	40	22	257	6,219	25.68	6	371	1	224
Nevada.....	3	30	14	148	4,870	34.83	1	45	(11)	144
New Hampshire.....	0	63	23	250	5,265	22.64	4	125	(11)	67
New Jersey.....	81	670	303	4,049	123,410	32.12	19	998	2	1,388
New Mexico.....	4	35	14	150	3,490	25.00	7	281	1	257
New York.....	191	2,251	731	8,680	246,947	30.64	65	1,991	7	3,178
North Carolina.....	41	421	178	1,886	33,390	18.35	34	2,046	2	469
North Dakota.....	3	15	9	112	2,893	27.13	6	295	(11)	69
Ohio.....	67	628	255	2,789	85,365	31.79	36	1,844	2	695
Oklahoma.....	13	105	43	513	11,790	24.70	16	743	1	456
Oregon.....	24	223	86	1,053	31,712	31.78	18	947	1	544
Pennsylvania.....	160	1,465	529	7,263	195,392	28.51	55	2,429	4	2,509
Rhode Island.....	17	192	68	769	19,647	27.55	7	449	1	254
South Carolina.....	10	136	55	628	12,908	21.37	18	1,014	1	222
South Dakota.....	2	13	7	76	1,619	23.44	7	348	(11)	100
Tennessee.....	42	226	116	1,738	35,286	21.33	40	2,040	3	1,340
Texas.....	33	285	135	1,442	31,189	23.00	48	2,554	4	1,446
Utah.....	5	40	17	191	5,009	28.90	6	214	1	354
Vermont.....	3	25	10	124	2,829	23.77	2	76	(11)	25
Virginia.....	14	132	69	587	12,038	21.72	27	983	2	521
Washington.....	34	296	127	1,433	40,077	29.73	25	1,175	5	1,843
West Virginia.....	15	116	60	557	11,925	22.52	30	1,187	(11)	68
Wisconsin.....	24	191	106	980	29,300	30.91	17	974	1	393
Wyoming.....	2	13	8	81	2,219	28.22	2	64	(11)	125
Alaska.....	4	19	12	215	6,785	35.61	1	68	2	845
Hawaii.....	3	21	12	134	2,774	25.41	7	247	1	349
Puerto Rico.....	4	5	1	9	(19)	(19)	37	4,060	1	213
Virgin Islands.....	(11)	(11)	(11)	(11)	(19)	(19)	(11)	44	(11)	2

\* Comprises insured unemployment under: (a) State programs; (b) veterans' program exclusive of veterans filing at same time under State programs; (c) Federal employee program; and (d) railroad unemployment insurance program, not distributed by State.

<sup>2</sup> Excludes transitional initial claims; Puerto Rico and Virgin Islands take claims as agents for some States.

<sup>3</sup> Represents number of first payments during year; Wisconsin figure represents first payments on "per employer" basis.

<sup>4</sup> Includes data for beneficiaries receiving benefits from from UCFF programs; not segregable by States.

<sup>5</sup> Adjusted for voided benefit checks and transfers under interstate combined wage plan.

<sup>6</sup> For total unemployment.

<sup>7</sup> Cumulative Oct. 15, 1952, through Dec. 31, 1957. Includes 2,000 veterans supplementing railroad unemployment program not distributed by State.

<sup>8</sup> Comprises data for beneficiaries receiving all or part of their benefits from Federal employee programs.

<sup>9</sup> For 2,327,000 compensated weeks; also includes payments to veterans supplementing railroad unemployment program, not distributed by State—1 beneficiary, 6 compensated weeks, and \$9 (gross) paid in benefits.

<sup>10</sup> For 1,186,000 compensated weeks. <sup>11</sup> Less than 500. <sup>12</sup> Not applicable.

Source: Department of Labor, Bureau of Employment Security.

# No. 351.—UNEMPLOYMENT INSURANCE—CONTRIBUTIONS COLLECTED AND BENEFITS PAID UNDER STATE LAWS, BY STATES AND TERRITORIES: 1956 AND 1957

[In thousands of dollars, except ratios. Corrected to February 5, 1958]

STATE OR TERRITORY	Month and year benefits first payable	Funds available for benefits as of Dec. 31, 1955 <sup>1</sup>	CONTRIBUTIONS COLLECTED <sup>2</sup>		BENEFITS PAID <sup>3</sup>		RATIO OF BENEFITS TO CONTRIBUTIONS (percent)		FUNDS AVAILABLE FOR BENEFITS <sup>1</sup>	
			1956	1957	1956	1957	1956	1957	Dec. 31, 1956	Dec. 31, 1957
<b>Total</b>		8,263,850	1,463,263	1,544,338	1,380,726	1,733,874	94.4	112.3	8,573,570	8,662,101
Alabama	Jan. 1938	76,448	17,876	19,214	12,494	17,742	71.1	92.3	83,820	88,368
Arizona	do	49,567	7,072	7,737	3,745	4,729	53.0	61.1	54,099	58,718
Arkansas	Jan. 1939	44,034	6,643	6,707	6,795	9,567	102.3	140.8	46,012	44,727
California	Jan. 1938	880,078	158,208	155,247	98,753	151,903	62.4	67.8	964,449	998,922
Colorado	Jan. 1939	70,742	4,908	6,308	3,351	6,088	68.3	96.5	74,230	76,993
Connecticut	Jan. 1938	232,797	26,209	27,151	19,532	32,250	74.5	118.8	245,840	248,478
Delaware	Jan. 1939	16,491	3,108	2,713	2,951	5,470	94.9	201.6	17,169	15,088
Dist. of Col.	Jan. 1938	55,211	4,003	4,508	3,800	4,611	94.9	102.3	56,939	58,698
Florida	Jan. 1939	83,783	13,757	15,402	11,528	13,860	83.8	89.6	88,491	93,621
Georgia	do	140,013	22,318	22,307	16,846	24,691	75.5	110.7	149,407	151,888
Idaho	Sept. 1938	36,717	4,067	4,004	4,087	5,948	99.8	148.6	37,676	36,570
Illinois	July 1939	443,603	84,784	83,048	61,398	80,307	72.4	96.7	480,265	500,574
Indiana	Apr. 1938	208,258	34,026	33,977	36,377	39,027	104.2	114.9	212,784	212,176
Iowa	July 1938	108,928	7,054	8,580	7,727	9,412	109.5	109.7	111,189	113,948
Kansas	Jan. 1939	79,183	11,188	10,959	9,434	10,782	84.3	98.4	83,143	86,088
Kentucky	do	122,640	23,112	24,964	24,329	30,994	105.3	124.2	124,393	121,045
Louisiana	Jan. 1938	127,441	17,962	21,750	10,787	11,624	60.1	53.4	138,145	152,871
Maine	do	42,902	8,348	8,464	6,625	9,784	79.4	115.6	45,826	45,537
Maryland	do	110,304	18,125	19,035	13,601	24,486	75.0	128.6	117,973	116,612
Massachusetts	do	282,918	70,308	65,207	44,698	75,132	63.5	115.1	316,958	317,790
Michigan	July 1938	366,917	73,403	115,914	150,077	132,317	204.5	114.2	300,023	295,025
Minnesota	Jan. 1938	118,225	17,821	16,227	20,260	24,638	113.7	151.8	119,103	113,488
Mississippi	Apr. 1938	36,860	6,174	9,086	7,979	11,808	129.2	130.0	36,077	34,602
Missouri	Jan. 1939	208,297	25,223	26,345	21,757	24,753	86.3	94.0	217,618	226,562
Montana	July 1939	44,678	4,085	4,042	3,748	7,065	91.8	189.6	46,184	43,816
Nebraska	Jan. 1939	39,800	4,125	5,169	5,526	6,219	134.0	120.3	39,489	39,766
Nevada	do	19,019	4,409	4,628	4,604	4,870	104.4	105.2	19,335	16,720
New Hampshire	Jan. 1938	21,831	6,553	6,151	5,746	5,265	87.7	85.6	23,281	24,999
New Jersey	Jan. 1939	463,831	83,980	89,151	100,329	123,410	119.5	138.4	459,766	439,803
New Mexico	Dec. 1938	35,407	4,357	4,731	2,649	3,430	60.8	72.5	38,100	40,643
New York	Jan. 1938	1,273,160	211,405	254,626	212,736	246,947	100.6	97.0	1,305,825	1,355,730
North Carolina	do	173,306	26,005	30,519	25,063	33,390	96.0	109.4	179,134	182,207
North Dakota	Jan. 1939	10,076	2,338	2,662	2,576	2,893	110.2	108.7	10,107	10,223
Ohio	do	619,274	54,788	55,651	61,327	85,365	111.9	153.4	629,758	618,636
Oklahoma	Dec. 1938	61,550	9,542	9,939	8,912	11,790	93.4	118.6	53,711	53,868
Oregon	Jan. 1938	56,697	16,308	16,975	19,986	31,712	122.1	186.8	54,663	41,834
Pennsylvania	do	347,073	186,125	143,779	160,176	195,392	86.1	135.9	383,862	346,771
Rhode Island	do	26,202	18,034	18,603	13,898	19,647	77.1	105.6	31,199	31,390
South Carolina	July 1938	71,127	10,995	11,800	10,607	12,908	96.5	108.6	73,530	75,013
South Dakota	Jan. 1939	13,186	1,506	1,723	1,438	1,619	95.5	94.0	13,015	14,179
Tennessee	Jan. 1938	94,225	27,013	28,925	28,908	35,286	107.0	122.0	95,004	91,572
Texas	do	283,687	24,478	31,922	22,292	31,189	91.1	97.7	293,835	301,247
Utah	do	36,350	4,926	5,884	3,857	5,009	78.3	85.1	38,424	40,420
Vermont	do	15,479	2,412	2,591	1,713	2,829	71.0	109.2	16,612	16,928
Virginia	do	87,232	10,215	10,215	8,678	12,038	85.0	117.8	91,332	92,894
Washington	Jan. 1939	191,887	36,042	39,775	34,727	40,077	96.4	100.8	198,550	204,348
West Virginia	Jan. 1938	58,624	12,635	12,648	8,486	11,925	67.2	94.3	64,533	67,625
Wisconsin	July 1936	245,123	25,243	27,425	24,051	29,300	95.3	106.8	252,981	259,172
Wyoming	Jan. 1939	16,791	1,738	1,861	1,825	2,219	105.0	119.2	16,125	16,276
Alaska	do	3,825	4,799	4,908	4,972	6,785	103.6	138.2	098	1,550
Hawaii	do	22,145	2,733	2,852	2,996	2,774	109.6	97.3	22,496	23,077

<sup>1</sup> Sum of balances in State clearing account and benefit-payment account, and in State unemployment trust fund account in U. S. Treasury. State unemployment trust fund accounts include interest credited.

<sup>2</sup> Contributions, penalties, and interest from employers and contributions from employees. Adjusted for refunds of contributions and for dishonored contribution checks.

<sup>3</sup> Adjusted for voided benefit checks.

Source: Department of Labor, Bureau of Employment Security.



# No. 352.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES COVERED, BY MAJOR INDUSTRY GROUP: 1954 TO 1956

[Includes Alaska and Hawaii. "N.e.c." means not elsewhere classified. Corrected to February 5, 1958]

INDUSTRY GROUP <sup>1</sup>	AVERAGE EMPLOYMENT <sup>2</sup> (1,000)			TOTAL WAGES <sup>3</sup> (\$1,000,000)		
	1954	1955	1956	1954	1955	1956
<b>Total, all industries.....</b>	<b>35,372</b>	<b>36,590</b>	<b>38,983</b>	<b>137,069</b>	<b>148,638</b>	<b>164,508</b>
<b>Agriculture, forestry, and fishing.....</b>	<b>79</b>	<b>83</b>	<b>94</b>	<b>256</b>	<b>269</b>	<b>313</b>
Farms.....	12	13	14	38	42	48
Agriculture and similar service establishments.....	51	54	62	147	161	190
Forestry.....	2	2	3	6	6	9
Fishing.....	14	14	15	65	59	67
<b>Mining.....</b>	<b>749</b>	<b>752</b>	<b>798</b>	<b>3,326</b>	<b>3,583</b>	<b>4,042</b>
Metal mining.....	101	104	111	469	522	591
Anthracite mining.....	40	31	30	142	120	125
Bituminous and other soft-coal mining.....	222	214	229	910	986	1,141
Crude-petroleum and natural-gas production.....	284	296	314	1,378	1,491	1,653
Nonmetallic mining and quarrying.....	102	105	114	428	465	533
<b>Contract construction.....</b>	<b>2,275</b>	<b>2,391</b>	<b>2,631</b>	<b>10,298</b>	<b>11,038</b>	<b>12,684</b>
Building construction—general contractors.....	795	830	881	3,440	3,628	4,006
General contractors, other than building.....	487	501	574	2,293	2,414	2,954
Construction—special-trade contractors.....	993	1,061	1,175	4,565	4,997	5,725
<b>Manufacturing.....</b>	<b>15,846</b>	<b>16,395</b>	<b>16,827</b>	<b>65,529</b>	<b>71,670</b>	<b>77,325</b>
Ordnance and accessories.....	160	133	123	736	648	667
Food and kindred products.....	1,514	1,513	1,542	5,794	6,057	6,478
Tobacco manufactures.....	102	100	96	287	295	308
Textile-mill products.....	1,073	1,082	1,061	3,215	3,417	3,481
Apparel and other finished products of fabrics.....	1,170	1,209	1,220	3,242	3,432	3,655
Lumber and wood products (except furniture).....	644	681	698	2,053	2,295	2,416
Furniture and fixtures.....	340	364	378	1,237	1,393	1,489
Paper and allied products.....	532	550	567	2,283	2,489	2,703
Printing, publishing, and allied industries.....	769	788	828	3,563	3,789	4,124
Chemicals and allied products.....	786	801	835	3,738	3,909	4,428
Products of petroleum and coal.....	246	246	245	1,317	1,375	1,400
Rubber products.....	253	272	273	1,091	1,293	1,316
Leather and leather products.....	366	379	375	1,084	1,170	1,224
Stone, clay, and glass products.....	511	541	560	2,104	2,363	2,598
Primary metal industries.....	1,183	1,290	1,321	5,475	6,563	7,197
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	1,043	1,107	1,121	4,646	5,142	5,455
Machinery (except electrical).....	1,545	1,577	1,713	7,811	7,814	9,026
Electrical machinery, equipment, and supplies.....	1,090	1,132	1,204	4,635	5,066	5,688
Transportation equipment.....	1,744	1,835	1,896	8,643	9,693	10,021
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	312	314	333	1,395	1,476	1,659
Miscellaneous manufacturing industries.....	464	479	496	1,682	1,806	1,973
<b>Transportation, communication, and other public utilities <sup>4</sup>.....</b>	<b>2,700</b>	<b>2,765</b>	<b>2,917</b>	<b>11,221</b>	<b>12,081</b>	<b>13,210</b>
Local railroads and bus lines.....	125	116	109	510	486	479
Trucking and warehousing for hire.....	662	707	767	2,772	3,142	3,512
Other transportation, except water transportation.....	311	314	338	1,183	1,263	1,409
Water transportation.....	126	130	134	716	758	806
Services allied to transportation, n. e. c.....	163	170	181	587	648	726
Communication: Telephone, telegraph, and related services.....	732	744	792	2,820	3,020	3,323
Utilities: Electric and gas.....	560	563	574	2,562	2,680	2,873
Local utilities and local public services, n. e. c.....	21	21	22	72	75	82
<b>Wholesale and retail trade.....</b>	<b>8,822</b>	<b>9,108</b>	<b>10,058</b>	<b>29,885</b>	<b>32,044</b>	<b>36,234</b>
Full-service and limited-function wholesalers.....	1,384	1,430	1,559	5,951	6,398	7,328
Wholesale distributors, other than full-service and limited-function wholesalers.....	1,098	1,124	1,216	5,360	5,733	6,512
Wholesale and retail trade combined, n. e. c.....	338	356	385	1,378	1,506	1,680
Retail general merchandise.....	1,338	1,365	1,419	3,279	3,456	3,721
Retail food and liquor stores.....	1,126	1,175	1,304	3,519	3,786	4,234
Retail automotive.....	687	722	761	2,842	3,169	3,327
Retail apparel and accessories.....	497	503	546	1,870	1,419	1,575
Retail trade, not elsewhere classified.....	1,069	1,095	1,253	3,446	3,665	4,368
Eating and drinking places.....	1,100	1,140	1,310	2,248	2,373	2,747
Retail filling stations.....	183	198	274	492	563	742
<b>Finance, insurance, and real estate.....</b>	<b>1,785</b>	<b>1,873</b>	<b>2,047</b>	<b>6,914</b>	<b>7,563</b>	<b>8,531</b>
Banks and trust companies.....	472	492	537	1,795	1,932	2,183
Security dealers and investment banking.....	63	73	79	403	497	511
Finance agencies, not elsewhere classified.....	153	160	197	604	688	828
Insurance carriers.....	594	611	642	2,877	2,548	2,810
Insurance agents, brokers, and services.....	119	123	141	401	621	631
Real estate.....	336	356	394	1,031	1,147	1,315
Real estate, insurance, loans, law offices: Any combination.....	40	41	47	155	169	198
Holding companies (except real estate).....	8	8	8	59	61	65

See footnotes at end of table.

No. 352.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES COVERED, BY MAJOR INDUSTRY GROUP: 1954 TO 1956—Continued

INDUSTRY GROUP <sup>1</sup>	AVERAGE EMPLOYMENT <sup>2</sup> (1,000)			TOTAL WAGES <sup>3</sup> (\$1,000,000)		
	1954	1955	1956	1954	1955	1956
Service.....	3,062	3,184	3,571	9,478	10,268	12,027
Hotels, rooming houses, camps, and other lodging places.....	435	439	464	921	958	1,031
Personal services.....	664	672	742	1,653	1,724	1,904
Business services, not elsewhere classified.....	531	572	654	2,263	2,508	2,976
Employment agencies and commercial and trade schools.....	33	35	41	109	119	140
Automobile repair services and garages.....	147	155	185	483	521	635
Miscellaneous repair services and hand trades.....	104	111	132	417	465	568
Motion pictures.....	215	214	215	687	735	756
Amusement and recreation and related services, n. e. c.....	245	253	268	615	664	730
Medical and other health services.....	235	254	315	599	663	842
Law offices and related services.....	61	64	75	232	252	304
Educational institutions and agencies.....	22	24	29	58	64	78
Other professional and social-service agencies and institutions.....	148	164	210	785	904	1,230
Nonprofit membership organizations.....	205	208	228	616	647	732
Private households.....	13	13	13	31	32	33
Regular governmental establishments.....	3	3	—	9	11	—
Establishments not elsewhere classified <sup>4</sup> .....	53	39	40	161	121	141

<sup>1</sup> Industry titles from 1942 edition of *Social Security Board Industrial Classification Code* for nonmanufacturing industries and 1945 edition of *Standard Industrial Classification Manual* for manufacturing industries.

<sup>2</sup> Average of 12 monthly figures, each of which is total of numbers of workers in covered employment in pay periods ending nearest fifteenth of month.

<sup>3</sup> Total wages in covered employment for all pay periods ending in year.

<sup>4</sup> Excludes railroad and allied groups subject, as of July 1, 1939, to Railroad Unemployment Insurance Act.

<sup>5</sup> Includes data for firms whose activities are not classifiable in any of above industries and data for firms not classified due to lack of sufficient information regarding nature of business.

Source: Department of Labor, Bureau of Employment Security.

No. 353.—PUBLIC EMPLOYMENT OFFICES—NONAGRICULTURAL PLACEMENTS, BY SEX, VETERAN STATUS, INDUSTRY, AND OCCUPATION: 1956 AND 1957

[Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Corrected to February 5, 1958]

INDUSTRY DIVISION AND OCCUPATION GROUP	TOTAL		MALE		VETERAN	
	1956	1957	1956	1957	1956	1957
Total.....	6,084,674	5,723,865	3,515,625	3,220,158	1,528,580	1,369,851
INDUSTRY DIVISION						
Forestry and fishing.....	8,399	9,761	7,579	7,895	2,079	1,897
Mining.....	37,851	29,246	34,607	26,032	15,595	11,430
Construction.....	501,019	432,326	489,310	421,599	200,756	174,260
Manufacturing.....	1,612,500	1,432,007	935,804	800,544	410,931	336,623
Transportation, communication, and other public utilities.....	304,563	274,953	280,025	251,528	151,864	138,202
Wholesale and retail trade.....	1,340,325	1,269,932	848,192	790,111	365,207	336,032
Finance, insurance, and real estate.....	110,991	114,393	49,126	50,884	20,618	21,244
Service.....	1,953,751	1,990,097	740,243	751,789	284,234	285,516
Domestic.....	1,263,031	1,217,434	314,061	318,837	113,106	113,776
Government.....	181,692	168,635	127,532	117,613	76,276	63,852
Establishments not elsewhere clas- sified.....	3,583	2,515	3,207	2,163	1,020	795
OCCUPATION GROUP						
Professional and managerial.....	116,871	131,725	63,646	65,559	37,344	36,630
Clerical and sales.....	847,627	817,237	281,882	272,276	144,696	133,342
Service.....	1,876,127	1,843,490	610,709	597,530	206,692	204,427
Skilled.....	331,044	303,380	295,773	272,850	136,438	124,176
Semiskilled.....	829,479	773,824	471,569	429,509	221,832	193,212
Unskilled and other.....	2,053,526	1,854,200	1,792,046	1,582,434	781,578	678,064

Source: Department of Labor, Bureau of Employment Security.

## No. 354.—PUBLIC EMPLOYMENT OFFICES—SELECTED ACTIVITIES, BY STATES AND OTHER AREAS: 1957

[Corrected to February 5, 1958]

STATE OR OTHER AREA	New applica- tions	Counseling interviews	PLACEMENTS				
			Total	Nonagricultural			
				Total	Male	Veteran	Handi- capped
<b>Total</b> .....	<b>9, 181, 138</b>	<b>1, 537, 678</b>	<b>14, 292, 828</b>	<b>5, 723, 865</b>	<b>3, 220, 158</b>	<b>1, 369, 851</b>	<b>287, 300</b>
Alabama.....	142, 682	15, 280	163, 207	96, 059	47, 647	18, 163	2, 941
Arizona.....	94, 193	13, 263	658, 130	57, 463	35, 526	17, 638	3, 534
Arkansas.....	129, 523	20, 085	356, 410	67, 467	38, 016	14, 992	3, 852
California.....	1, 063, 122	128, 615	1, 251, 508	421, 705	243, 253	126, 796	16, 029
Colorado.....	96, 473	18, 855	239, 035	84, 226	66, 643	35, 302	4, 287
Connecticut.....	170, 703	26, 100	100, 196	88, 264	47, 848	17, 720	6, 607
Delaware.....	16, 822	3, 580	16, 899	6, 717	3, 069	991	156
District of Columbia.....	60, 045	21, 780	36, 099	36, 090	19, 873	8, 231	2, 185
Florida.....	180, 805	22, 712	388, 656	221, 108	124, 568	50, 304	10, 943
Georgia.....	192, 742	25, 615	235, 724	106, 454	55, 170	16, 946	2, 971
Idaho.....	51, 314	8, 887	218, 332	40, 198	27, 664	13, 409	1, 785
Illinois.....	422, 198	74, 813	324, 415	217, 359	148, 175	75, 159	9, 808
Indiana.....	220, 371	25, 491	185, 198	75, 056	41, 232	18, 990	5, 102
Iowa.....	104, 521	22, 867	113, 374	79, 118	53, 936	27, 498	5, 971
Kansas.....	91, 917	11, 968	122, 221	93, 827	65, 591	29, 781	3, 720
Kentucky.....	136, 707	24, 285	180, 558	54, 044	30, 235	10, 928	3, 130
Louisiana.....	123, 949	16, 438	211, 766	101, 089	62, 655	23, 295	2, 414
Maine.....	35, 550	7, 659	72, 469	25, 293	14, 225	4, 959	934
Maryland.....	128, 476	26, 071	137, 040	67, 761	34, 917	14, 426	1, 599
Massachusetts.....	226, 438	49, 475	235, 152	178, 600	102, 687	42, 927	5, 820
Michigan.....	435, 175	56, 499	317, 470	137, 250	87, 969	43, 056	9, 966
Minnesota.....	158, 113	13, 965	170, 952	104, 414	71, 734	38, 224	5, 433
Mississippi.....	115, 784	14, 600	1, 605, 362	82, 869	44, 099	15, 009	2, 158
Missouri.....	217, 892	33, 356	270, 763	86, 824	50, 196	19, 938	4, 574
Montana.....	50, 117	6, 216	60, 812	29, 057	21, 452	11, 309	1, 606
Nebraska.....	60, 001	13, 984	102, 416	56, 797	45, 181	21, 454	3, 497
Nevada.....	27, 729	3, 090	31, 949	22, 925	11, 487	5, 821	418
New Hampshire.....	27, 416	7, 083	19, 658	17, 714	10, 397	4, 276	1, 174
New Jersey.....	259, 067	32, 049	219, 173	125, 085	49, 260	16, 534	3, 664
New Mexico.....	50, 601	7, 850	68, 727	42, 645	28, 092	11, 374	1, 339
New York.....	935, 226	172, 524	969, 761	835, 491	299, 456	115, 676	35, 544
North Carolina.....	213, 447	30, 516	564, 126	144, 589	72, 531	26, 375	5, 923
North Dakota.....	28, 848	4, 275	45, 867	24, 759	16, 524	6, 488	547
Ohio.....	540, 136	114, 074	433, 264	271, 020	181, 992	85, 341	20, 105
Oklahoma.....	101, 467	21, 407	220, 995	139, 259	105, 922	48, 758	11, 981
Oregon.....	103, 964	17, 842	403, 258	51, 902	34, 500	17, 241	3, 183
Pennsylvania.....	536, 728	119, 011	471, 631	263, 064	134, 518	59, 362	25, 722
Rhode Island.....	57, 093	9, 026	18, 173	17, 950	7, 323	3, 115	1, 815
South Carolina.....	88, 938	13, 262	214, 792	77, 179	40, 344	12, 371	2, 213
South Dakota.....	24, 147	3, 566	29, 639	19, 558	15, 000	7, 480	779
Tennessee.....	126, 616	27, 700	300, 006	102, 925	55, 068	28, 484	8, 469
Texas.....	561, 637	93, 610	1, 055, 869	529, 009	319, 697	107, 485	25, 119
Utah.....	48, 030	12, 146	67, 476	35, 620	20, 498	10, 477	683
Vermont.....	18, 742	2, 160	19, 395	13, 318	8, 867	4, 280	907
Virginia.....	124, 449	47, 123	193, 358	74, 293	38, 056	12, 280	2, 719
Washington.....	158, 706	29, 497	311, 701	87, 258	59, 843	24, 022	4, 497
West Virginia.....	79, 035	12, 772	63, 471	26, 680	13, 141	6, 295	2, 369
Wisconsin.....	178, 601	28, 396	185, 824	101, 494	57, 839	23, 005	4, 455
Wyoming.....	18, 318	4, 481	33, 138	17, 385	13, 261	6, 612	662
Alaska.....	17, 075	1, 601	6, 971	6, 903	3, 273	1, 497	162
Hawaii.....	23, 412	3, 699	14, 166	12, 223	8, 821	3, 792	708
Puerto Rico.....	106, 227	15, 929	53, 179	45, 444	29, 457	4, 088	966
Virgin Islands.....	1, 850	530	3, 097	3, 064	1, 421	197	65

Source: Department of Labor, Bureau of Employment Security.

**No. 355.—RAILROAD EMPLOYEES AND RAILROAD RETIREMENT AND SURVIVOR  
BENEFITS, BY CLASS: 1940 TO 1957**

ITEM	1940	1945	1950	1953	1954	1955	1956	1957
Number of employees.....1,000..	1,708	3,016	2,053	1,968	1,682	1,672	1,628	(1)
<b>NUMBER OF BENEFITS</b>								
Monthly benefits awarded, total.....	23,817	24,213	62,474	77,944	92,183	96,872	81,442	85,983
Retirement annuities and pensions <sup>2</sup> .....	22,180	23,242	35,815	55,889	55,349	59,321	55,178	59,461
Survivor benefits.....	1,637	871	26,659	22,055	36,834	37,551	26,264	26,522
Monthly benefits terminated, total.....	13,343	14,770	34,316	49,791	50,386	53,306	55,627	57,461
Retirement annuities and pensions <sup>2</sup> .....	12,212	13,915	21,293	34,065	34,657	36,273	38,407	40,037
Survivor benefits.....	1,131	855	13,023	15,726	15,729	17,033	17,220	17,424
Monthly benefits in current-payment status at end of year, total.....	149,241	177,289	396,797	546,480	589,243	636,228	662,302	691,364
Retirement annuities and pensions <sup>2</sup> .....	145,978	172,875	255,065	381,357	403,186	426,073	443,283	462,738
Survivor benefits.....	3,263	4,414	141,732	165,123	186,057	209,555	219,019	228,626
Lump-sum death benefits awarded, total.....	13,378	20,381	34,938	30,450	26,111	25,174	21,402	22,372
<b>AMOUNT OF BENEFITS (\$1,000)</b>								
Total <sup>1</sup> .....	118,111	147,050	310,845	475,840	538,431	576,904	638,164	698,764
Retirement annuities and pensions <sup>2</sup> .....	114,166	137,140	264,240	374,112	428,900	438,970	490,445	538,501
Survivor benefits:								
Monthly.....	1,448	1,772	43,884	83,319	93,201	121,847	133,171	143,826
Lump-sum.....	2,497	8,138	12,722	18,409	16,330	16,088	14,548	16,437

<sup>1</sup> Not available.<sup>2</sup> Beginning 1952 includes annuities to spouses of retired employees.Source: Railroad Retirement Board. Data published on a fiscal-year basis in *Annual Report* and currently in *The Monthly Review*.

**No. 356.—RAILROAD UNEMPLOYMENT AND SICKNESS BENEFITS—SUMMARY OF  
OPERATIONS: 1940 TO 1957**

(For years ending June 30)

YEAR	Applica- tions re- ceived <sup>1</sup>	Claims received	BENEFIT PAYMENTS		Amount of benefits <sup>2</sup> (\$1,000)	Number of benefici- aries	Accounts exhausted
			Number	Average amount			
UNEMPLOYMENT BENEFITS							
1940.....	210,823	1,441,213	(3)	(3)	14,810	161,000	29,298
1945.....	8,959	34,874	27,547	26.47	728	6,000	626
1950.....	662,294	3,730,733	3,475,121	32.72	113,769	506,000	83,131
1951.....	233,403	1,027,727	911,677	27.53	24,780	181,000	16,733
1952.....	219,527	905,331	823,374	28.06	22,741	162,000	10,700
1953.....	264,241	1,305,250	1,202,338	45.26	53,849	224,000	15,354
1954.....	315,800	2,118,103	1,980,737	48.68	95,541	265,000	34,340
1955.....	370,697	2,784,679	2,594,019	59.06	152,668	320,000	76,531
1956.....	177,380	1,122,973	1,021,611	54.98	55,456	149,000	21,859
1957.....	279,219	1,552,942	1,434,468	53.23	83,154	221,000	28,049
SICKNESS BENEFITS (including maternity benefits)							
1950.....	197,023	896,024	851,780	440.36	29,487	160,000	22,107
1951.....	185,671	825,905	782,883	440.08	27,003	143,000	21,806
1952.....	191,620	800,562	767,850	440.48	25,898	143,000	19,847
1953.....	206,610	918,075	878,074	458.01	43,526	158,000	24,306
1954.....	202,645	942,271	901,516	459.39	44,904	154,000	26,233
1955.....	204,869	961,461	912,306	477.38	52,388	151,000	27,365
1956.....	200,093	930,374	889,323	468.05	50,040	150,000	26,346
1957.....	194,179	915,264	874,807	469.91	50,028	145,000	25,332

<sup>1</sup> Application submitted for unemployment when worker applies for unemployment benefits for first time with respect to benefit year, for sickness at the beginning of each spell of sickness. Beginning with 1950, data include some applications submitted in June with respect to following year.<sup>2</sup> Adjusted for settlement of underpayments and recovery of overpayments.<sup>3</sup> Not reported on comparable basis. <sup>4</sup> Excludes maternity benefits.Source: Railroad Retirement Board; *Annual Report*. Data published currently in *The Monthly Review*.

NO. 357.—RAILROAD RETIREMENT—SURVIVOR, UNEMPLOYMENT, AND SICKNESS  
BENEFITS, BY STATE OF RESIDENCE OF BENEFICIARY: 1956 AND 1957

[In thousands of dollars]

STATE	TOTAL		RETIREMENT		SURVIVOR		UNEMPLOY- MENT		SICKNESS (INCL. MATERNITY)	
	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957	1956	1957
<b>Total</b> .....	758, 144	843, 592	490, 445	538, 501	147, 719	160, 263	70, 443	93, 535	49, 538	51, 292
Alabama.....	10, 970	11, 497	6, 553	7, 195	2, 026	2, 198	1, 608	1, 217	783	886
Arizona.....	5, 157	6, 273	3, 255	3, 574	706	766	900	1, 628	297	306
Arkansas.....	8, 415	9, 383	5, 829	5, 851	1, 372	1, 488	1, 143	1, 405	573	639
California.....	49, 543	56, 055	33, 897	37, 218	8, 951	9, 711	3, 294	5, 772	3, 401	3, 854
Colorado.....	9, 256	9, 982	5, 941	6, 523	1, 682	1, 824	1, 125	1, 014	509	621
Connecticut.....	4, 552	5, 015	3, 037	3, 335	1, 117	1, 212	112	152	235	317
Delaware.....	2, 629	2, 778	1, 629	1, 788	498	530	303	308	210	152
Dist. of Columbia.....	1, 941	2, 175	957	1, 051	583	632	196	211	205	281
Florida.....	24, 026	26, 651	18, 859	20, 707	3, 106	3, 370	1, 188	1, 646	873	928
Georgia.....	12, 454	14, 442	7, 811	8, 027	2, 726	2, 958	1, 478	2, 407	939	1, 050
Idaho.....	3, 163	3, 444	1, 720	1, 889	578	627	586	651	279	277
Illinois.....	55, 470	63, 449	34, 480	37, 858	11, 630	12, 618	4, 437	8, 015	4, 923	4, 958
Indiana.....	25, 747	28, 248	16, 999	18, 064	5, 119	5, 553	2, 163	2, 506	1, 407	1, 525
Iowa.....	16, 048	18, 131	11, 100	12, 188	3, 435	3, 727	1, 334	1, 566	779	949
Kansas.....	16, 284	18, 073	10, 425	11, 447	3, 023	3, 280	1, 763	2, 190	1, 042	1, 157
Kentucky.....	17, 153	19, 067	11, 444	12, 565	3, 328	3, 611	1, 418	1, 931	968	960
Louisiana.....	8, 145	9, 150	4, 937	5, 421	1, 750	1, 890	902	1, 166	556	664
Maine.....	3, 895	4, 518	2, 632	2, 890	799	867	280	498	184	263
Maryland.....	12, 341	13, 329	7, 766	8, 526	2, 787	3, 023	1, 039	861	750	913
Massachusetts.....	12, 541	13, 801	7, 741	8, 499	3, 089	3, 351	796	1, 081	916	870
Michigan.....	19, 011	21, 267	12, 676	13, 918	3, 505	3, 868	1, 676	2, 282	1, 094	1, 199
Minnesota.....	23, 006	25, 308	13, 901	15, 203	4, 407	4, 782	3, 552	3, 816	1, 146	1, 348
Mississippi.....	6, 390	7, 298	3, 902	4, 350	1, 429	1, 550	658	965	346	433
Missouri.....	26, 423	29, 680	17, 075	18, 749	4, 654	5, 050	2, 864	3, 833	1, 829	2, 049
Montana.....	5, 594	6, 304	3, 567	3, 916	948	1, 029	607	936	411	423
Nebraska.....	9, 795	10, 265	5, 908	6, 487	1, 605	1, 741	1, 668	1, 811	615	726
Nevada.....	1, 639	1, 792	1, 026	1, 126	256	277	230	289	127	120
New Hampshire.....	2, 505	2, 900	1, 719	1, 887	467	508	177	385	143	121
New Jersey.....	20, 959	23, 430	14, 579	16, 008	4, 700	5, 099	480	1, 105	1, 200	1, 218
New Mexico.....	4, 681	5, 130	1, 980	2, 174	654	710	1, 830	2, 017	217	229
New York.....	55, 619	61, 377	35, 645	39, 138	11, 505	12, 482	3, 963	5, 244	4, 506	4, 513
North Carolina.....	8, 297	9, 061	4, 885	5, 363	1, 813	1, 967	941	1, 585	658	745
North Dakota.....	2, 940	3, 246	1, 531	1, 681	421	457	752	927	235	181
Ohio.....	49, 087	54, 743	33, 277	36, 537	9, 477	10, 281	3, 457	4, 946	2, 877	2, 978
Oklahoma.....	6, 485	6, 983	3, 756	4, 124	1, 194	1, 295	1, 079	1, 067	457	446
Oregon.....	8, 500	9, 606	5, 756	6, 320	1, 351	1, 466	741	1, 208	652	612
Pennsylvania.....	81, 064	88, 023	52, 673	57, 834	15, 750	17, 088	8, 003	8, 262	4, 638	4, 840
Rhode Island.....	1, 322	1, 438	797	875	323	351	105	152	96	60
South Carolina.....	4, 523	5, 381	2, 452	2, 693	1, 048	1, 137	691	1, 183	332	369
South Dakota.....	2, 107	2, 388	1, 237	1, 358	445	483	312	450	113	97
Tennessee.....	15, 875	17, 553	10, 144	11, 138	3, 102	3, 365	1, 689	2, 014	941	1, 035
Texas.....	28, 928	33, 531	18, 192	19, 975	5, 710	6, 195	2, 689	4, 987	2, 337	2, 370
Utah.....	4, 178	4, 580	2, 532	2, 780	815	884	586	661	245	266
Vermont.....	1, 981	2, 205	1, 299	1, 426	442	480	121	178	119	121
Virginia.....	18, 119	19, 976	11, 607	12, 744	4, 319	4, 686	767	1, 155	1, 425	1, 391
Washington.....	11, 949	13, 544	7, 914	8, 690	2, 207	2, 395	1, 053	1, 736	765	723
West Virginia.....	12, 913	13, 910	8, 547	9, 385	2, 366	2, 567	1, 105	1, 195	895	768
Wisconsin.....	15, 600	17, 342	10, 270	11, 276	2, 878	3, 123	1, 636	2, 119	816	825
Wyoming.....	2, 854	3, 039	1, 658	1, 821	473	514	506	544	216	165
Outside cont. U. S. ....	5, 494	6, 284	3, 869	4, 248	1, 099	1, 192	376	681	150	163

Source: Railroad Retirement Board. Data published on fiscal-year basis in *Annual Report*.

# No. 358.—CIVIL SERVICE RETIREMENT—ANNUITIES AND LUMP-SUM PAYMENTS: 1940 to 1957

[Dollar amounts in thousands. As of June 30 or for years ending June 30. See text, p. 263]

YEAR	ANNUITIES <sup>1</sup>					LUMP-SUM PAYMENTS					
	Number certi- fied	Number termi- nated	Number in force		Annual value	Separated employees <sup>2</sup>		Deceased employees <sup>3</sup>		Deceased annuitants <sup>4</sup>	
			Total <sup>1</sup>	Disa- bility		Num- ber	Amount	Num- ber	Amount	Num- ber	Amount
1940	7,207	3,625	62,027	15,294	\$50,879	15,183	\$2,857	2,812	\$3,723	2,145	\$1,483
1943	9,679	4,886	73,972	19,602	71,450	111,863	7,178	6,312	4,987	2,658	2,003
1944	10,041	5,659	78,354	21,158	75,653	390,284	21,536	9,061	5,155	2,915	2,263
1945	12,380	5,511	85,225	23,389	82,346	900,858	62,377	16,374	7,441	3,062	2,476
1946	16,084	5,113	96,146	26,827	91,887	1,450,434	185,086	17,924	8,546	2,990	2,563
1947	22,158	6,888	111,416	31,502	103,321	943,026	178,853	17,304	10,372	3,971	3,710
1948	21,879	7,448	125,897	35,353	134,244	432,000	112,846	10,968	9,361	3,563	3,539
1949	31,371	8,935	148,336	39,076	154,252	228,554	61,407	6,338	3,926	4,872	4,685
1950	33,303	9,451	172,206	42,809	181,878	239,151	88,194	4,859	3,712	6,827	4,194
1951	35,654	10,771	197,148	45,601	205,641	166,962	64,914	4,387	3,998	7,584	3,946
1952	30,990	11,935	216,232	47,964	227,448	146,714	71,038	4,308	4,347	7,575	3,582
1953	37,938	12,963	241,294	51,775	289,482	135,821	81,424	4,207	5,209	8,170	3,771
1954	41,478	13,554	269,278	56,468	324,059	123,383	88,995	3,754	5,406	7,659	3,371
1955	42,364	14,803	296,927	61,043	358,295	100,868	73,310	3,738	5,709	8,035	3,551
1956	46,867	16,740	327,111	66,093	441,002	164,841	84,200	4,401	6,023	8,210	3,581
1957	60,848	18,709	369,313	73,074	519,654	183,583	99,288	4,454	6,656	8,404	3,712

<sup>1</sup> Through June 30, 1940, data relate entirely to employees retired voluntarily or involuntarily under various age and length-of-service requirements and to employees with at least 5 years of service who became totally disabled for the position occupied prior to eligibility for retirement. Beginning Jan. 1, 1940, certain employees may elect a joint and survivor annuity, and beginning Feb. 29, 1948, widows and minor children of deceased employees and annuitants are eligible for survivor annuities under certain conditions; number of survivor annuities in force as of June 30 increased from 26 in 1941 to 92,905 in 1957. Beginning Jan. 24, 1942, employees with at least 5 years service who separate voluntarily or involuntarily prior to eligibility for retirement may obtain deferred annuity at age 62. Prior to 1952, excludes annuities purchased by voluntary contributions.

<sup>2</sup> Due to adjustments, number in force at end of fiscal year does not in all cases equal number certified less number terminated in that year, plus number in force at end of preceding fiscal year.

<sup>3</sup> Refunds of amounts to employees' credit in fund paid to employees not eligible for an annuity or who, if eligible, elected to take a refund.

<sup>4</sup> Refunds of amounts to employees' credit paid to designated or other beneficiaries of employees who died in service or after separation.

<sup>5</sup> Refunds of balance of amount to annuitants' credit at time of death paid to designated or other beneficiaries of annuitants. Includes refunds to disability annuitants, whose entitlement to an annuity was terminated, and unexpended balances paid upon termination of survivor annuities.

Source: Civil Service Commission; annual retirement report.

# No. 359.—CIVIL SERVICE RETIREMENT—EMPLOYEE ANNUITANTS AND SURVIVOR ANNUITANTS ON THE ROLL, BY RATES OF ANNUITY: 1957

[As of June 30]

RATES OF ANNUITY <sup>1</sup>	Employee annuitants	Survivor annuitants	RATES OF ANNUITY <sup>1</sup>	Employee annuitants	Survivor annuitants
<b>Annuityants, total.....</b>	<b>276,408</b>	<b>92,905</b>			
Under \$120.....	189	4,523	\$1,560 to \$1,679.....	9,183	1,070
\$120 to \$239.....	4,221	13,954	\$1,680 to \$1,799.....	9,804	763
\$240 to \$359.....	11,498	12,530	\$1,800 to \$1,919.....	12,037	521
\$360 to \$479.....	14,413	11,866	\$1,920 to \$2,039.....	23,794	323
\$480 to \$599.....	13,055	8,911	\$2,040 to \$2,159.....	12,315	267
\$600 to \$719.....	13,043	13,795	\$2,160 to \$2,279.....	9,450	181
\$720 to \$839.....	12,051	6,837	\$2,280 to \$2,399.....	13,566	206
\$840 to \$959.....	10,806	4,196	\$2,400 to \$2,999.....	29,061	338
\$960 to \$1,079.....	11,873	3,206	\$3,000 to \$3,599.....	14,066	109
\$1,080 to \$1,199.....	11,040	3,022	\$3,600 to \$4,199.....	6,333	38
\$1,200 to \$1,319.....	10,289	2,506	\$4,200 to \$4,799.....	2,024	9
\$1,320 to \$1,439.....	10,381	2,174	\$4,800 to \$5,399.....	1,120	2
\$1,440 to \$1,559.....	9,292	1,418	\$5,400 to \$5,999.....	627	-----
			\$6,000 and over.....	877	-----

<sup>1</sup> Includes increases under sec. 8 as amended by acts of Feb. 28, 1948 (Public Law 426, 80th Cong.), July 6, 1950 (Public Law 601, 81st Cong.), July 16, 1952 (Public Law 555, 82d Cong.), and Aug. 11, 1955 (Public Law 369 84th Cong.); includes annuities purchased by voluntary contributions.

Source: Civil Service Commission; annual retirement report.

## No. 360.—WORKMEN'S COMPENSATION PAYMENTS, BY STATES: 1940 TO 1956

[In thousands of dollars. Estimated by Social Security Administration. 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)*), net disbursements of State funds (from *Spectator* and State reports; estimated for some States), and self-insurance payments (estimated from available State data). Calendar-year data, except fiscal-year data for Federal employees and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Base Compensation Act for States in which such payments are made]

STATE	1940	1945	1950	1951	1952	1953	1954	1955	1956
<b>Total</b> -----	<b>255,922</b>	<b>408,738</b>	<b>617,283</b>	<b>710,339</b>	<b>788,046</b>	<b>846,088</b>	<b>878,187</b>	<b>915,435</b>	<b>1,003,077</b>
Alabama-----	1,061	2,648	2,137	3,264	3,568	3,891	3,909	4,268	4,862
Arizona-----	1,527	3,865	5,473	5,094	5,890	6,406	6,462	7,030	7,972
Arkansas-----	23	2,379	3,690	4,308	4,551	4,485	4,757	5,156	5,603
California-----	19,960	40,268	57,137	66,377	73,431	78,872	82,357	89,359	98,031
Colorado-----	2,492	2,285	3,418	4,112	4,982	5,576	6,218	6,514	7,190
Connecticut-----	3,500	7,202	9,500	11,182	12,941	13,770	14,519	15,938	16,812
Delaware-----	316	438	744	888	1,078	1,159	1,117	1,209	1,445
Dist. of Col.-----	1,441	1,193	2,360	2,635	2,642	2,568	2,603	2,550	2,873
Florida-----	1,880	4,193	7,418	9,340	11,269	13,880	15,782	18,011	20,810
Georgia-----	1,492	2,921	4,757	5,560	6,290	6,872	7,190	7,617	9,333
Idaho-----	1,216	1,193	2,218	2,508	2,701	3,082	3,140	3,598	3,660
Illinois-----	14,466	23,457	31,540	35,090	38,120	42,288	45,665	45,688	53,326
Indiana-----	3,779	6,625	8,920	11,270	12,646	13,803	14,024	13,064	16,538
Iowa-----	1,870	2,666	4,085	5,510	6,099	6,535	6,419	6,707	7,759
Kansas-----	1,587	2,977	4,260	4,917	6,240	6,742	7,403	8,176	9,442
Kentucky-----	3,087	4,000	6,987	7,884	8,645	9,443	9,257	9,314	10,236
Louisiana-----	3,369	6,952	11,400	13,070	14,942	16,889	18,664	19,573	22,264
Maine-----	991	2,224	1,600	2,040	2,280	2,221	2,125	2,387	2,427
Maryland-----	2,711	5,853	6,895	8,348	9,065	9,829	11,524	12,087	13,995
Massachusetts-----	7,415	11,771	23,676	27,123	30,239	34,581	33,150	33,361	36,517
Michigan-----	9,071	14,623	23,123	23,919	24,898	27,918	28,230	31,049	34,819
Minnesota-----	3,754	5,853	9,662	11,200	12,427	12,910	13,969	14,948	16,508
Mississippi-----	11	34	2,272	3,254	3,589	3,913	4,032	4,718	5,520
Missouri-----	4,035	8,365	10,649	12,306	14,709	15,788	16,782	16,613	17,945
Montana-----	2,093	2,003	2,544	3,215	3,124	3,282	3,853	4,238	4,878
Nebraska-----	967	1,334	2,360	2,758	3,090	3,159	3,303	3,540	3,777
Nevada-----	828	1,046	1,659	2,046	2,434	3,000	3,274	3,616	4,125
New Hampshire-----	704	1,002	1,670	1,855	2,077	2,146	2,246	2,386	2,635
New Jersey-----	12,419	21,961	29,138	35,979	38,573	40,988	41,986	44,179	45,463
New Mexico-----	566	662	2,330	2,640	3,578	4,510	4,707	4,812	5,513
New York-----	51,211	75,092	119,188	134,590	144,400	147,145	147,053	143,909	149,692
North Carolina-----	1,962	3,542	6,354	7,266	8,160	8,807	9,076	10,026	11,041
North Dakota-----	600	743	1,100	1,256	1,231	1,433	1,528	1,895	1,914
Ohio-----	16,895	25,603	40,441	44,478	53,299	57,970	63,365	69,314	76,562
Oklahoma-----	3,394	5,456	8,082	9,890	10,680	11,340	12,024	13,248	15,439
Oregon-----	4,277	5,666	8,983	11,248	12,982	13,523	14,779	15,721	18,605
Pennsylvania-----	22,774	24,552	30,831	34,025	36,206	37,652	37,316	37,839	42,928
Rhode Island-----	1,153	5,449	3,800	4,520	5,417	5,617	5,840	5,926	5,964
South Carolina-----	1,072	2,606	4,123	4,128	4,583	4,877	5,103	5,239	5,571
South Dakota-----	268	355	950	963	950	1,051	1,134	1,120	1,129
Tennessee-----	1,527	4,027	5,349	6,331	6,602	7,974	8,911	9,529	11,186
Texas-----	8,124	18,218	33,380	38,979	44,465	47,329	47,271	50,027	54,136
Utah-----	1,109	1,312	1,859	2,097	2,297	2,352	2,448	2,461	3,039
Vermont-----	386	522	900	1,115	1,153	1,288	1,236	1,200	1,465
Virginia-----	2,085	3,361	5,559	6,155	6,815	7,380	7,703	8,169	9,222
Washington-----	5,576	9,688	14,593	17,008	18,737	19,483	20,294	19,351	19,416
West Virginia-----	5,756	7,735	9,632	10,086	10,909	11,625	12,305	12,372	13,068
Wisconsin-----	5,662	9,162	13,356	15,049	15,990	16,225	16,219	16,697	18,377
Wyoming-----	422	503	1,011	1,025	1,088	1,155	1,323	1,361	1,415
Federal employees-----	13,048	13,163	23,370	30,427	36,234	41,356	43,692	48,324	50,631

Source: Department of Health, Education, and Welfare, Social Security Administration. Preliminary estimates appear periodically in *Social Security Bulletin*.

### No. 361.—WORKMEN'S COMPENSATION PAYMENTS, BY TYPE OF BENEFIT AND OF INSURANCE: 1940 TO 1956

[In millions of dollars]

YEAR	Total payments	TYPE OF BENEFIT				TYPE OF INSURANCE					
		Medical and hospitalization payments	Compensation payments			Insurance losses paid by private carriers <sup>1</sup>		State fund disbursements <sup>2</sup>		Self-insurance payments <sup>3</sup>	
			Total	Disability	Survivor	Amount	Per cent of total	Amount	Per cent of total	Amount	Per cent of total
1940.....	256	95	161	129	32	135	52.6	73	28.3	49	19.1
1941.....	291	100	191	157	34	160	54.9	77	26.5	54	18.6
1942.....	329	108	221	185	36	190	57.9	81	24.7	57	17.4
1943.....	353	112	241	203	38	213	60.4	81	22.8	59	16.8
1944.....	386	120	268	228	40	237	61.4	86	22.3	63	16.3
1945.....	409	125	284	242	42	253	61.8	91	22.3	65	15.9
1946.....	434	140	294	250	44	270	62.1	96	22.1	69	15.8
1947.....	486	160	326	280	46	302	62.1	110	22.7	74	15.2
1948.....	534	175	359	309	50	335	62.6	121	22.7	79	14.7
1949.....	568	185	383	331	52	353	62.2	132	23.2	83	14.6
1950.....	617	200	417	362	55	381	61.8	149	24.1	87	14.1
1951.....	710	233	477	417	60	444	62.6	170	23.9	96	13.5
1952.....	787	260	527	462	65	491	62.3	192	24.5	104	13.2
1953.....	846	290	556	486	70	524	61.9	211	24.9	111	13.2
1954.....	878	310	568	498	70	541	61.5	223	25.4	115	13.1
1955.....	915	325	590	520	70	563	61.4	238	26.0	114	12.5
1956.....	1,003	350	653	578	75	619	61.7	259	25.8	125	12.6

<sup>1</sup> Net cash and medical benefits paid during calendar year by private insurance carriers under standard workmen's compensation policies. Data primarily from *Spectator (Insurance by States, of . . . Casualty Lines)*.

<sup>2</sup> Net cash and medical benefits paid by competitive and exclusive State funds, and Federal system for Government employees. Compiled from State reports (published and unpublished) and from *Spectator* or other insurance publications; data for fiscal years for some funds.

<sup>3</sup> Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workmen's compensation policies that exclude standard medical coverage. Estimated from available State data.

Source: Department of Health, Education, and Welfare, Social Security Administration. Data appear periodically in *Social Security Bulletin*.

### No. 362.—PUBLIC ASSISTANCE—RECIPIENTS AND PAYMENTS, BY PROGRAM: 1936 TO 1957

[Through 1940 covers only continental U. S.; thereafter includes Alaska and Hawaii, and beginning October 1950, Puerto Rico and Virgin Islands. Beginning 1950, except for general assistance, includes vendor payments for medical care and cases receiving only such payments]

PROGRAM	1936	1940	1945	1950	1955	1956	1957
NUMBER OF RECIPIENTS <sup>1</sup> (1,000)							
Old-age assistance.....	1, 106	2, 066	2, 056	2, 789	2, 553	2, 514	2, 487
Aid to dependent children:							
Families.....	162	370	274	652	603	616	667
Recipients <sup>2</sup> .....				2, 234	2, 193	2, 271	2, 498
Children.....	404	891	701	1, 662	1, 661	1, 732	1, 913
Aid to the blind.....	45	73	71	98	105	107	108
Aid to the permanently and totally disabled.....				69	244	269	201
General assistance (cases).....	1, 510	1, 239	257	413	314	305	344
AVERAGE MONTHLY PAYMENT <sup>1</sup>							
Old-age assistance.....	\$18.79	\$20.26	\$30.88	\$43.95	\$53.93	\$57.99	\$60.68
Aid to dependent children:							
Per family.....	29.82	32.38	52.05	72.42	88.61	95.05	100.72
Per recipient <sup>2</sup> .....				21.13	24.35	25.79	26.90
Aid to the blind.....	26.11	25.38	33.62	46.56	58.08	63.15	66.25
Aid to the permanently and totally disabled.....				45.41	56.18	58.82	60.02
General assistance (per case).....	24.13	24.28	32.72	46.05	55.03	56.14	59.74
TOTAL PAYMENTS FOR YEAR (\$1,000)							
Total <sup>3</sup> .....	656,712	1,034,984	989,686	2,395,395	2,756,865	2,861,146	3,098,615
Old-age assistance.....	155,241	474,952	726,550	1,469,869	1,608,187	1,676,734	1,772,827
Aid to dependent children.....	49,654	133,243	140,067	553,097	639,065	663,323	754,701
Aid to the blind.....	12,813	21,826	26,557	52,866	71,127	76,976	83,547
Aid to the permanently and totally disabled.....				8,120	156,456	176,684	200,780
General assistance.....	439,064	404,963	86,912	295,383	214,265	197,704	213,317

<sup>1</sup> As of December.

<sup>2</sup> Includes children and 1 parent or other adult in families in which adult was considered in determining amount of assistance.

<sup>3</sup> Beginning 1950, total includes vendor payments for medical care from general assistance funds.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance. Data appear periodically in *Social Security Bulletin*.



No. 363.—PUBLIC ASSISTANCE—FEDERAL GRANTS TO STATES FOR PUBLIC ASSISTANCE, 1952 TO 1957, AND BY STATES AND OTHER AREAS, 1957

[In thousands of dollars. For years ending June 30. Based on checks issued in specified year, excluding any amounts paid during the year for a prior or subsequent year]

YEAR AND STATE OR OTHER AREA	Total	Old-age assistance	Aid to dependent children	Aid to the blind	Aid to the permanently and totally disabled
1952.....	1,177,688	799,845	303,280	29,397	45,165
1953.....	1,338,989	903,241	343,321	33,017	59,410
1954.....	1,386,931	931,711	347,236	35,561	72,423
1955.....	1,423,907	920,791	385,233	36,467	81,416
1956.....	1,446,116	922,539	395,291	37,618	90,669
1957					
Total.....	1,586,361	993,284	443,210	41,361	108,506
Alabama.....	47,865	35,905	7,695	538	3,727
Arizona.....	10,536	6,025	4,149	362	-----
Arkansas.....	24,121	17,331	4,122	725	1,943
California.....	172,331	121,562	44,396	6,374	-----
Colorado.....	29,331	21,790	5,057	154	2,329
Connecticut.....	12,506	7,090	4,164	150	1,103
Delaware.....	1,921	636	989	109	188
District of Columbia.....	4,550	1,268	2,048	116	1,118
Florida.....	44,430	27,851	13,327	1,094	2,159
Georgia.....	52,704	35,594	10,543	1,395	5,173
Idaho.....	5,256	3,363	1,394	82	413
Illinois.....	68,942	38,137	23,595	1,597	5,613
Indiana.....	20,337	12,228	7,284	824	-----
Iowa.....	23,083	16,626	5,762	695	-----
Kansas.....	20,312	14,291	3,907	286	1,828
Kentucky.....	34,207	19,785	12,653	1,120	650
Louisiana.....	78,395	56,096	15,690	1,037	5,571
Maine.....	8,601	4,762	3,235	227	377
Maryland.....	11,865	3,854	5,642	194	2,174
Massachusetts.....	54,057	37,966	10,205	898	4,988
Michigan.....	46,753	28,772	15,956	784	1,241
Minnesota.....	28,294	20,769	6,284	542	700
Mississippi.....	27,117	21,127	3,438	1,478	1,073
Missouri.....	78,511	55,398	14,698	2,073	6,342
Montana.....	6,135	3,547	1,700	196	632
Nebraska.....	10,423	7,156	2,296	401	569
Nevada.....	1,712	1,166	489	57	-----
New Hampshire.....	3,235	2,237	724	111	163
New Jersey.....	16,745	8,623	5,694	470	2,068
New Mexico.....	10,187	4,035	5,242	172	739
New York.....	117,517	43,023	52,154	2,253	20,082
North Carolina.....	36,833	16,439	13,341	1,989	5,065
North Dakota.....	5,202	3,317	1,832	53	450
Ohio.....	61,193	40,452	14,876	1,754	4,111
Oklahoma.....	55,398	40,467	11,008	891	3,033
Oregon.....	12,205	7,588	2,922	147	1,548
Pennsylvania.....	55,803	20,856	25,605	3,445	5,897
Rhode Island.....	6,667	3,173	2,668	67	768
South Carolina.....	20,016	12,469	4,399	645	2,503
South Dakota.....	6,377	3,860	2,074	83	361
Tennessee.....	33,230	18,925	12,018	1,089	1,199
Texas.....	102,153	83,984	15,564	2,635	-----
Utah.....	6,917	3,803	2,216	104	795
Vermont.....	3,595	2,490	800	55	250
Virginia.....	13,526	4,945	6,174	462	1,946
Washington.....	35,801	25,330	7,570	376	2,524
West Virginia.....	23,217	6,793	13,306	391	2,757
Wisconsin.....	22,886	15,585	6,256	480	565
Wyoming.....	2,471	1,694	510	30	237
Alaska.....	1,796	678	1,080	37	-----
Hawaii.....	3,560	568	2,432	41	520
Puerto Rico.....	5,812	1,784	2,505	71	953
Virgin Islands.....	192	97	74	5	16

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance; annual report, 1957.

## No. 364.—PUBLIC ASSISTANCE—RECIPIENTS OF ASSISTANCE, BY STATES AND OTHER AREAS: 1957

[As of December. Except for general assistance, includes cases receiving vendor payments for medical care]

STATE OR OTHER AREA	Old-age assist- ance	AID TO DEPENDENT CHILDREN			Aid to the blind	Aid to the perma- nently and totally disabled	General assist- ance (cases)
		Families	Recipients				
			Total number <sup>1</sup>	Children			
Total.....	2 2,487,483	667,280	2,408,196	1,913,260	3 108,434	291,247	4 344,000
Alabama.....	104,590	21,747	85,811	66,486	1,661	12,645	104
Arizona.....	14,223	5,531	21,382	16,399	824		2,304
Arkansas.....	56,342	7,978	30,411	23,817	2,048	6,902	334
California.....	266,303	55,645	198,926	154,112	13,003	345	35,476
Colorado.....	52,367	6,303	24,386	18,960	325	5,312	1,930
Connecticut.....	15,246	5,693	18,448	13,736	312	2,059	4,093
Delaware.....	1,604	1,518	5,701	4,364	271	303	1,624
District of Columbia.....	3,111	2,844	12,271	9,583	240	2,485	853
Florida.....	69,442	23,501	85,036	66,691	2,516	6,148	5,200
Georgia.....	98,553	14,854	55,343	42,483	3,456	14,266	2,502
Idaho.....	8,179	1,806	6,619	4,878	178	926	(1)
Illinois.....	83,750	26,110	100,395	81,721	3,286	13,032	33,188
Indiana.....	31,568	9,569	34,561	25,855	1,821		16,120
Iowa.....	37,893	7,416	27,002	20,189	1,460		4,178
Kansas.....	31,667	5,136	18,913	14,714	622	4,259	1,964
Kentucky.....	58,436	19,635	71,407	53,897	3,275	6,407	3,300
Louisiana.....	124,763	23,155	92,578	71,316	2,425	14,895	9,691
Maine.....	12,133	4,818	10,733	12,347	474	1,136	2,879
Maryland.....	9,695	6,789	27,933	21,893	465	5,006	2,172
Massachusetts.....	85,843	12,921	43,475	32,672	1,990	9,357	9,453
Michigan.....	67,933	21,760	77,905	57,497	1,777	3,219	26,217
Minnesota.....	49,194	8,399	28,686	22,151	1,141	1,768	7,004
Mississippi.....	81,235	14,821	55,644	43,909	5,206	5,709	970
Missouri.....	124,885	22,446	83,408	62,951	5,139	14,798	6,799
Montana.....	8,093	2,102	7,567	5,891	404	1,452	1,447
Nebraska.....	16,787	2,854	10,591	8,003	971	1,376	1,277
Nevada.....	2,554	740	2,481	1,896	129		830
New Hampshire.....	5,424	923	3,508	2,644	243	829	1,210
New Jersey.....	19,328	7,992	26,875	20,406	906	4,873	8,802
New Mexico.....	10,136	6,641	24,689	18,786	390	1,924	473
New York.....	90,672	60,241	229,587	171,448	4,227	38,383	29,180
North Carolina.....	51,246	22,240	87,341	67,312	4,891	15,253	3,157
North Dakota.....	7,694	1,642	6,110	4,714	112	1,015	496
Ohio.....	92,850	19,365	75,510	57,888	3,711	9,035	33,106
Oklahoma.....	94,050	16,314	55,735	42,468	1,914	7,824	7,306
Oregon.....	18,031	4,396	16,167	12,260	296	4,014	4,370
Pennsylvania.....	49,615	33,035	129,705	98,980	17,693	13,832	23,670
Rhode Island.....	7,357	4,102	14,600	10,909	128	1,956	3,493
South Carolina.....	36,869	8,778	34,507	27,043	1,757	7,670	1,618
South Dakota.....	9,965	2,936	10,044	7,608	180	946	1,120
Tennessee.....	57,624	18,929	69,368	52,133	2,933	4,594	2,373
Texas.....	223,605	23,979	98,700	75,012	6,456	730	10,200
Utah.....	8,847	2,891	10,178	7,565	219	1,820	1,859
Vermont.....	6,303	1,044	3,641	2,742	138		1,200
Virginia.....	15,931	8,746	34,878	27,299	1,250	5,411	1,868
Washington.....	53,728	10,205	35,045	26,541	774	5,604	14,707
West Virginia.....	21,864	17,997	68,620	53,338	1,104	7,680	2,323
Wisconsin.....	38,719	7,650	27,571	20,655	1,037	1,239	8,270
Wyoming.....	3,721	637	2,290	1,739	67	605	468
Alaska.....	1,550	1,265	4,310	3,163	83		193
Hawaii.....	1,565	2,726	10,596	8,468	83	1,147	1,289
Puerto Rico.....	42,094	46,264	167,205	134,219	1,801	20,865	1,745
Virgin Islands.....	637	250	954	799	22	107	123

<sup>1</sup> Includes children and 1 parent or other adult in families in which adult was considered in determining amount of assistance.<sup>2</sup> Includes 4,153 recipients under 65 in Colorado.<sup>3</sup> Includes 334 recipients of payments made without Federal participation in California, 635 in Missouri, and 10,421 in Pennsylvania.<sup>4</sup> Partly estimated; total not as large as sum of State figures because of adjustment. See footnote 8.<sup>5</sup> Excludes some cases for program not administered by State agency. <sup>6</sup> Estimated.<sup>7</sup> Not available.<sup>8</sup> Includes unknown number of cases receiving medical care, hospitalization, or burial only.Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance. Data appear periodically in *Social Security Bulletin*.

No. 365.—PUBLIC ASSISTANCE—PAYMENTS TO RECIPIENTS, BY TYPE OF ASSISTANCE,  
BY STATES AND OTHER AREAS: 1957

[Includes vendor payments for medical care]

STATE OR OTHER AREA	Total amount of public assistance (1,000)	AVERAGE MONTHLY PAYMENTS, DECEMBER					
		Old age assist- ance	Aid to depend- ent children		Aid to the blind	Aid to the perma- nently and to- tally dis- abled	Gen- eral assist- ance (per case)
			Per family	Per recipi- ent			
<b>Total.....</b>	<b>1 \$3,098,615</b>	<b>\$60.68</b>	<b>\$100.72</b>	<b>\$26.90</b>	<b>\$66.25</b>	<b>\$60.02</b>	<b>\$59.74</b>
Alabama.....	68,796	38.23	32.79	8.31	35.50	32.55	13.36
Arizona.....	17,691	55.98	99.72	25.79	64.42	-----	43.60
Arkansas.....	36,148	45.72	59.60	15.63	51.34	35.86	13.44
California.....	370,721	83.16	157.79	44.14	104.96	70.30	53.06
Colorado.....	65,217	81.74	121.93	31.52	72.98	56.69	44.73
Connecticut.....	32,500	106.20	144.27	44.52	103.19	122.37	66.15
Delaware.....	3,909	49.31	87.22	23.22	72.36	63.50	60.69
Dist. of Columbia.....	8,329	56.41	123.39	28.60	64.23	67.52	67.80
Florida.....	65,006	54.19	59.00	16.30	58.44	57.93	(2)
Georgia.....	75,541	43.06	82.75	22.21	48.04	46.67	22.72
Idaho.....	9,311	60.55	140.27	38.27	66.01	64.27	(2)
Illinois.....	156,375	67.82	148.28	36.39	72.35	81.90	77.24
Indiana.....	39,952	56.94	102.48	28.37	66.42	-----	33.24
Iowa.....	45,099	67.36	117.16	32.18	82.30	-----	37.29
Kansas.....	40,673	73.04	122.62	33.30	77.94	76.68	59.08
Kentucky.....	48,339	38.63	71.46	19.65	39.84	38.03	(2)
Louisiana.....	131,159	63.06	83.57	20.90	73.33	49.74	44.43
Maine.....	15,211	55.79	93.65	26.97	60.77	62.68	42.80
Maryland.....	19,541	51.75	101.72	24.67	57.14	58.77	58.61
Massachusetts.....	136,678	95.83	153.22	45.54	111.36	112.31	67.30
Michigan.....	112,060	66.23	134.55	37.54	74.55	82.42	88.86
Minnesota.....	66,005	79.10	140.39	41.10	92.86	60.55	63.87
Mississippi.....	36,138	28.43	28.34	7.55	38.67	29.43	13.96
Missouri.....	122,216	54.53	87.87	23.65	60.00	56.42	49.04
Montana.....	11,130	61.99	117.21	32.58	69.68	68.66	32.79
Nebraska.....	16,853	62.18	100.42	27.06	77.92	65.63	41.22
Nevada.....	3,020	67.72	90.11	26.88	96.52	-----	(2)
New Hampshire.....	7,080	68.57	144.55	38.03	72.37	88.30	54.19
New Jersey.....	45,001	80.43	141.37	42.04	78.03	91.65	90.88
New Mexico.....	15,506	53.83	97.68	26.25	56.14	56.12	37.27
New York.....	275,053	92.08	155.65	40.84	96.84	94.31	86.93
North Carolina.....	60,078	36.44	70.17	17.87	45.71	41.74	21.19
North Dakota.....	11,520	76.33	136.07	36.57	66.95	86.70	50.65
Ohio.....	122,498	64.54	96.37	24.71	63.16	59.20	59.31
Oklahoma.....	106,590	72.79	99.31	29.07	87.21	79.53	14.45
Oregon.....	30,841	77.77	140.15	38.11	81.54	86.44	66.51
Pennsylvania.....	114,512	52.00	117.41	29.89	63.17	60.10	66.45
Rhode Island.....	16,406	70.61	122.53	34.33	71.62	78.01	72.48
South Carolina.....	26,679	37.52	55.35	14.08	41.79	34.73	22.24
South Dakota.....	9,931	49.18	88.63	25.91	49.46	50.36	35.87
Tennessee.....	43,889	38.03	68.36	18.65	42.92	41.24	19.61
Texas.....	147,963	47.15	70.94	17.24	51.14	47.10	(2)
Utah.....	14,006	65.45	131.47	37.34	71.83	71.26	70.46
Vermont.....	6,183	50.64	91.08	26.12	53.88	53.46	(2)
Virginia.....	18,427	35.66	72.93	18.29	41.58	41.70	35.49
Washington.....	94,458	84.46	148.43	42.49	96.57	98.29	70.85
West Virginia.....	33,007	34.05	86.58	22.71	37.54	36.15	32.64
Wisconsin.....	67,472	71.09	156.63	43.46	79.69	106.13	79.02
Wyoming.....	4,593	69.93	128.67	35.79	73.00	69.78	56.37
Alaska.....	2,868	63.43	93.24	28.83	60.54	-----	68.83
Hawaii.....	6,865	51.56	115.70	29.77	63.29	63.85	63.38
Puerto Rico.....	13,548	8.09	13.50	3.74	8.06	8.77	6.80
Virgin Islands.....	315	18.51	34.59	9.06	(2)	20.18	19.38

<sup>1</sup> Includes vendor payments for medical care from general assistance funds and from special medical funds; data for such expenditures partly estimated for some States.

<sup>2</sup> Not computed. <sup>3</sup> Not computed; base too small.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance. Data appear periodically in *Social Security Bulletin*.

# NO. 366.—CHILDREN RECEIVING CHILD WELFARE CASEWORK SERVICE FROM PUBLIC WELFARE AGENCIES, BY TYPE OF LIVING ARRANGEMENTS, BY STATES AND OTHER AREAS: 1957

[As of September 30]

STATE OR OTHER AREA	Total	IN HOMES OF PAR- ENTS OR RELATIVES		IN FOSTER FAMILY HOMES		IN INSTITUTIONS AND ELSEWHERE <sup>1</sup>	
		Number	Percent	Number	Percent	Number	Percent
<b>Total</b> .....	<b>* 333, 674</b>	<b>129, 458</b>	<b>39</b>	<b>145, 249</b>	<b>44</b>	<b>58, 420</b>	<b>17</b>
Alabama.....	10, 066	0, 931	60	2, 170	21	965	10
Arizona.....	3, 087	1, 018	33	1, 874	61	195	6
Arkansas.....	2, 596	1, 387	53	1, 062	41	147	6
California.....	18, 802	2, 981	16	14, 656	78	1, 165	6
Colorado.....	2, 837	1, 475	52	1, 155	41	207	7
Connecticut.....	* 6, 409	1, 142	18	4, 111	65	1, 066	17
Delaware.....	1, 272	1, 535	42	632	50	105	8
District of Columbia.....	* 4, 148	1, 629	40	1, 221	30	1, 228	30
Florida.....	3, 419	1, 019	30	2, 025	59	375	11
Georgia.....	4, 325	1, 392	32	2, 413	56	520	12
Idaho.....	312	226	73	63	20	23	7
Illinois.....	* 4, 906	890	19	3, 447	71	491	10
Indiana.....	12, 113	5, 560	46	4, 874	40	1, 679	14
Iowa.....	* 2, 832	2, 153	76	413	15	257	9
Kansas.....	* 2, 077	670	32	696	34	706	34
Kentucky.....	9, 011	6, 566	73	1, 363	15	1, 082	12
Louisiana.....	6, 456	1, 253	23	3, 710	68	493	9
Maine.....	* 3, 261	1, 389	43	1, 681	51	201	6
Maryland.....	7, 345	2, 127	29	4, 433	60	785	11
Massachusetts.....	* 0, 324	1, 147	18	4, 562	72	602	10
Michigan.....	2, 400	1, 164	48	1, 078	45	158	7
Minnesota.....	* 12, 611	8, 817	70	2, 962	24	707	6
Mississippi.....	7, 119	6, 215	87	569	8	335	5
Missouri.....	4, 870	2, 696	55	1, 952	40	222	5
Montana.....	859	422	49	375	44	62	7
Nebraska.....	1, 720	797	46	354	21	569	33
Nevada.....	287	116	41	147	51	24	8
New Hampshire.....	2, 253	900	44	940	42	323	14
New Jersey.....	7, 918	1, 967	25	4, 966	63	985	12
New Mexico.....	1, 525	624	41	814	53	87	6
New York.....	39, 206	4, 333	11	21, 195	54	13, 678	35
North Carolina.....	15, 382	8, 344	54	4, 154	27	2, 884	19
North Dakota <sup>2</sup> .....	901	711	79	84	9	106	12
Ohio.....	21, 174	8, 230	39	8, 847	42	4, 097	19
Oklahoma.....	2, 991	1, 137	42	509	22	955	36
Oregon.....	4, 883	2, 539	52	2, 095	43	249	5
Pennsylvania <sup>3</sup> .....	31, 500	5, 000	16	14, 000	44	12, 500	40
Rhode Island.....	1, 599	587	37	767	48	245	15
South Carolina.....	4, 160	2, 535	61	805	19	820	20
South Dakota.....	* 905	305	44	395	44	114	12
Tennessee.....	3, 616	1, 591	43	1, 731	48	324	9
Texas.....	1, 929	1, 016	53	650	34	263	13
Utah.....	1, 177	550	47	585	50	42	3
Vermont.....	1, 640	693	43	756	46	188	11
Virginia.....	11, 215	4, 053	36	6, 186	55	976	9
Washington.....	6, 316	2, 315	37	3, 253	51	748	12
West Virginia.....	7, 743	4, 911	63	2, 209	29	623	8
Wisconsin.....	10, 068	5, 113	51	4, 253	42	702	7
Wyoming.....	460	300	65	118	26	42	9
Alaska.....	742	266	36	252	34	224	30
Hawaii.....	1, 520	657	43	683	45	180	12
Puerto Rico.....	* 12, 303	8, 726	72	793	7	2, 568	21
Virgin Islands.....	354	185	52	121	34	48	14

<sup>1</sup> Includes 10,307 children living elsewhere. Children reported in institutions represent only those children served by workers attached to State or local public welfare agencies and not all children receiving institutional care.

<sup>2</sup> Includes a number of children for whom whereabouts is unknown. For total, this is less than 1 percent.

<sup>3</sup> Incomplete report. Excluded from total percent distribution.

<sup>4</sup> Estimated by Pennsylvania State Department of Welfare.

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

## No. 367.—MATERNAL AND CHILD-HEALTH SERVICES: 1956

[Includes data for Alaska, Hawaii, Puerto Rico, and Virgin Islands]

ITEM	States and areas reporting	Total receiving service (1,000)	ITEM	States and areas reporting	Total receiving service (1,000)
SERVICE			SERVICE—Continued		
Maternity services:			School health examinations and screening:		
Maternity medical clinic service.....	35	225	Examined by physicians.....	41	2,202
Maternity nursing service.....	52	430	Referred for further diagnosis or treatment.....	20	466
Dental treatment.....	13	10	Completed referrals.....	16	167
Hospital in-patient care.....	11	35	Screening by other personnel:		
Child-health services:			Visual screening.....	40	3,580
Well child conference service:			Audiometer testing.....	36	2,491
All ages.....	51	1,284	Dental screening.....	39	2,427
Infants under 1 year.....	50	517	Other.....	20	896
General pediatric clinic service.....	14	153	IMMUNIZATION <sup>1</sup>		
Special clinics.....	14	195	Smallpox.....	53	1,611
Nursing service.....	49	2,963	Diphtheria.....	53	2,355
Topical fluoride applications.....	30	166	Pertussis.....	53	1,811
Dental treatment.....	33	354	Tetanus.....	52	2,240
Hospital in-patient care:			Poliomylitis.....	48	13,201
For prematurity.....	12	7	Typhoid.....	23	1,043
Excluding prematurity.....	10	8	Other.....	8	46

<sup>1</sup> Children only.

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

## No. 368.—MATERNAL AND CHILD HEALTH AND WELFARE SERVICES—GRANTS TO STATES AND OTHER AREAS: 1957

[In thousands of dollars. For year ending June 30. Based on checks issued less refunds]

STATE OR OTHER AREA	Maternal and child health services	Services for crippled children	Child welfare services	STATE OR OTHER AREA	Maternal and child health services	Services for crippled children	Child welfare services
<b>Total</b> .....	15,497.5	14,835.0	7,919.5	Nevada.....	144.1	91.8	28.9
Alabama.....	493.5	520.4	242.1	New Hampshire.....	92.5	97.3	56.0
Arizona.....	163.5	.....	81.2	New Jersey.....	196.6	222.4	97.0
Arkansas.....	279.8	307.2	174.3	New Mexico.....	174.7	162.8	83.7
California.....	845.0	694.0	228.8	New York.....	672.5	527.1	257.2
Colorado.....	277.2	167.0	90.9	North Carolina.....	616.7	577.3	367.2
Connecticut.....	214.3	217.0	79.2	North Dakota.....	110.2	106.1	64.8
Delaware.....	108.5	92.8	47.6	Ohio.....	509.9	486.9	287.0
Dist. of Columbia.....	259.6	151.0	33.4	Oklahoma.....	221.7	324.7	149.8
Florida.....	374.3	367.4	161.8	Oregon.....	143.0	156.3	81.0
Georgia.....	444.0	546.4	255.0	Pennsylvania.....	630.6	620.0	367.1
Idaho.....	146.5	105.3	34.1	Rhode Island.....	127.5	103.4	45.5
Illinois.....	412.0	453.5	236.4	South Carolina.....	341.6	381.4	217.4
Indiana.....	290.8	193.0	111.9	South Dakota.....	89.9	79.1	81.6
Iowa.....	202.3	316.5	170.0	Tennessee.....	492.3	480.5	247.1
Kansas.....	106.6	172.4	128.4	Texas.....	608.3	652.3	389.1
Kentucky.....	340.7	520.1	253.7	Utah.....	159.3	180.1	56.3
Louisiana.....	362.3	371.1	199.0	Vermont.....	100.3	97.3	58.5
Maine.....	123.8	115.6	78.0	Virginia.....	431.3	407.6	249.1
Maryland.....	371.5	300.6	118.4	Washington.....	263.4	164.8	129.2
Massachusetts.....	468.4	231.7	91.0	West Virginia.....	220.7	210.9	189.2
Michigan.....	478.3	459.7	263.3	Wisconsin.....	208.0	318.3	199.0
Minnesota.....	312.6	308.1	192.5	Wyoming.....	83.7	86.9	33.1
Mississippi.....	398.3	326.6	226.5	Alaska.....	131.4	177.9	43.9
Missouri.....	313.6	220.8	194.5	Hawaii.....	197.6	153.7	51.6
Montana.....	111.1	167.0	72.2	Puerto Rico.....	374.1	430.1	231.5
Nebraska.....	110.3	121.1	58.8	Virgin Islands.....	86.8	86.7	34.7

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

## No. 369.—ORPHANS, BY TYPE, 1920 TO 1957, AND BY AGE, 1955 and 1957

[In thousands. Orphans refer to children under age 18 who have been orphaned at any time; full orphan refers to loss of both parents, paternal orphan to loss of father, maternal orphan to loss of mother. Age on last birthday]

DATE AND ITEM	All orphans	Paternal orphans only	Maternal orphans only	Full orphans
1920:				
Number.....	6,400	3,350	2,300	750
Percent of child population.....	16.8	8.5	5.9	1.9
1930:				
Number.....	5,050	2,700	1,900	450
Percent of child population.....	11.7	6.3	4.4	1.1
1940:				
Number.....	3,340	2,180	1,370	290
Percent of child population.....	9.5	5.4	3.4	0.7
October 1, 1949:				
Number.....	2,930	1,890	960	80
Percent of child population.....	6.1	3.9	2.0	0.2
July 1, 1955:				
Number.....	2,700	1,830	820	60
Percent of child population.....	4.8	3.2	1.5	0.1
January 1, 1957:				
Number.....	2,715	1,880	780	55
Percent of child population.....	4.6	3.2	1.3	0.1
Distribution by age:				
0 to 4 years.....	205	155	50	(1)
5 to 9 years.....	370	405	160	5
10 to 14 years.....	1,060	735	305	20
15 to 17 years.....	880	585	265	30

<sup>1</sup> Less than 2,500.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, March 1955, February 1956, and August 1957.

## No. 370.—BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1940 TO 1957

[In thousands. Boy Scout data as of December 31; Girl Scout data as of September 30]

ITEM	1940	1945	1950	1954	1955	1956	1957
BOY SCOUTS OF AMERICA							
Total membership.....	1,449	1,977	2,795	3,774	4,166	4,526	4,751
Boys.....	1,106	1,534	2,072	2,770	3,056	3,313	3,461
Cub scouts (8 to 10 years old).....	195	474	828	1,236	1,475	1,695	1,800
Boy scouts (11 to 13 years old).....	911	1,060	827	1,118	1,141	1,163	1,171
Explorers (14 years and over).....			416	425	440	465	484
Adults.....	343	444	724	995	1,110	1,213	1,291
Total units (packs, troops, and explorer units).....	48	61	79	97	104	112	118
GIRL SCOUTS OF THE U. S. A.							
Total membership.....	632	1,174	1,646	2,327	2,643	2,860	3,115
Girls.....	509	937	1,268	1,784	2,025	2,190	2,358
Brownies (7 to 9 years old).....	79	269	556	837	1,022	1,168	1,259
Intermediates (10 to 13 years old).....	386	609	654	874	922	936	1,033
Seniors (14 to 17 years old).....	44	59	58	72	81	87	96
Adults.....	123	237	378	543	618	670	727
Total units (troops).....	27	48	76	110	125	136	149

Source: Boy Scouts of America, National Council, New Brunswick, N. J., annual report; and Girl Scouts of the United States of America, New York, N. Y., annual report.

## No. 371.—ADOPTIONS—SUMMARY, FOR REPORTING STATES AND OTHER AREAS: 1955

[For calendar year, except as noted. Covers States whose reports include complete data for 90 percent or more of the children for whom adoption petitions were filed]

STATE OR OTHER AREA	Number of petitions filed	RELATION OF PETITIONER TO CHILDREN <sup>1</sup>		TYPE OF PLACEMENT <sup>2</sup>		AGE AT/TIME OF PLACEMENT <sup>3</sup>			BIRTH STATUS	
		Re-related	Not related	Agency	Independent	Under 1 month	1 month to under 1 year	1 year to under 6 years	Out of wed-lock	In wed-lock
United States and other areas.....	493,000									
<b>Total, reporting areas</b>	<b>36,935</b>	<b>16,783</b>	<b>17,940</b>	<b>9,903</b>	<b>10,336</b>	<b>7,460</b>	<b>7,094</b>	<b>4,185</b>	<b>16,762</b>	<b>16,205</b>
Arkansas.....	568	253	315	153	184	75	110	104	246	320
Connecticut <sup>4</sup> .....	1,170	535	632	415	296	190	318	144	720	429
Delaware.....	185	86	99	92	22	2	61	30	116	69
District of Columbia.....	504	222	271	178	154	83	144	77	385	113
Florida <sup>5</sup> .....	2,470	1,004	1,406	314	1,092	763	131	136	885	864
Georgia.....	1,419	629	768	216	736	372	247	238	735	663
Indiana.....	2,972	1,484	1,447	907	947	510	643	457	1,358	1,558
Iowa.....	1,767	940	820	423	508	354	298	149	806	952
Kentucky.....	903	376	493	266	368	131	277	138	462	360
Louisiana <sup>6</sup> .....	1,017	390	424	325	299					
Maine.....	881	477	404	188		32	80	59	445	436
Minnesota <sup>6</sup> .....	1,616	709	859	792	175	226	526	139	925	675
Missouri <sup>7</sup> .....	1,066	773	859	640	487	216	458	225	826	819
Nevada.....	191	96	87	16	113	38	27	33	59	111
New Hampshire.....	312	120	185	145	81	37	106	61	204	78
New Mexico.....	673	331	327	86	309	174	86	84	302	347
North Carolina <sup>8</sup> .....	1,378	598	778	532	246	105	454	159	816	490
North Dakota <sup>8</sup> .....	252	129	121	104	41	16	73	31	118	133
Oregon.....	1,649	882	765	244	647	415	184	178	696	934
Rhode Island <sup>8</sup> .....	351	225	125	98	38	24	50	35	197	153
South Dakota.....	347	155	188	95	117	59	69	41	173	163
Tennessee <sup>7</sup> .....	1,040	372	666	401	407	168	345	216	583	451
Texas <sup>8</sup> .....	6,399	2,616	1,895	1,183	1,006	2,257	580	610	1,790	2,898
Utah.....	528	253	275	167	145	91	56	104	236	282
Vermont.....	285	119	165	129	52	21	84	54	165	117
Virginia.....	1,794	747	1,011	514	666	400	460	238	1,125	662
Washington <sup>7</sup> .....	2,158	994	1,159	579	509	353	520	152	1,023	1,099
Wisconsin <sup>7</sup> .....	1,617	729	888	734	266	153	564	191	945	608
Hawaii.....	611	300	184	59	259	153	67	47	209	303
Puerto Rico.....	190	68	122	8	161	42	66	53	103	85
Virgin Islands.....	22	21	1		5		1	2	19	3

<sup>1</sup> Excludes children for whom data were not reported.<sup>2</sup> About 40 percent of the children required no placement since they resided in the homes of stepparents or the relatives who adopted them. See also footnote 1.<sup>3</sup> In addition, 1,802 children aged 6-20 were adopted in 1955. See also footnotes 1 and 2.<sup>4</sup> Estimated.<sup>5</sup> For year ending June 30.<sup>6</sup> Based on children placed by licensed agencies for whom a petition was filed during 1955, and on children placed independently for whom investigation of the petition was completed in 1955.<sup>7</sup> Based on adoptions completed rather than petitions filed.<sup>8</sup> For year ending August 31.Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau: *Adoptions in the United States and its Territories, 1955.*

## No. 372.—SERVICES FOR CRIPPLED CHILDREN: 1948 TO 1956

[In thousands. Represents number reported only. Services provided or purchased by official State crippled children's agencies under Social Security Act. Beginning 1950, excludes Arizona, which did not participate in this program. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Subject to revision]

TYPE OF SERVICE	1948	1949	1950	1953	1954	1955	1956
Total number of children who received physician's services.....	155	181	214	252	271	278	290
Clinic service:							
Number of children.....	131	151	172	203	221	221	232
Number of visits.....	284	320	364	432	468	472	482
Average number of visits per child.....	2.2	2.1	2.1	2.1	2.1	2.1	2.1
Hospital in-patient care:							
Number of children.....	32	38	43	45	44	48	52
Number of days' care.....	1,335	1,454	1,425	1,278	1,244	1,246	1,373
Average number of days per child.....	41.5	37.8	32.8	28.7	28.3	26.0	26.5
Convalescent-home care:							
Number of children.....	5	6	6	4	4	4	4
Number of days' care.....	484	556	529	452	411	302	340
Average number of days per child.....	97.1	98.9	96.9	103.6	99.1	96.5	89.2
Other physician's services:							
Number of children.....	12	18	25	43	48	53	60
Number of visits (office and home).....	39	58	91	106	109	124	142
Average number of visits per child.....	3.1	3.3	3.7	2.5	2.2	2.3	2.4

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

## No. 373.—VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER REHABILITATED, BY TYPE OF DISABILITY AND OCCUPATION: 1945 TO 1957

(For years ending June 30. Includes Alaska, Hawaii, and Puerto Rico)

TYPE	1945	1950	1953	1954	1955	1956	1957 <sup>1</sup>
<b>Total.....</b>	<b>41,925</b>	<b>59,597</b>	<b>61,308</b>	<b>55,825</b>	<b>57,981</b>	<b>65,640</b>	<b>70,940</b>
<b>Disability:</b>							
Amputated or missing members.....	6,380	7,582	7,230	6,186	6,469	7,118	7,693
Impairment of extremities.....	11,612	13,720	12,769	11,922	12,128	13,682	14,787
Impairment of other parts of body <sup>2</sup> .....	2,908	4,501	5,061	4,520	4,755	6,498	5,942
Visual:							
Blind.....	1,497	3,210	3,685	3,295	3,473	3,765	4,069
Other visual.....	3,448	3,880	3,770	3,238	3,160	3,630	3,923
Aural:							
Deaf.....	1,023	1,207	1,068	851	927	1,278	1,331
Hard of hearing.....	2,097	4,024	3,293	2,588	2,828	2,945	3,183
Speech defect.....	252	675	793	835	751	988	1,068
Tuberculosis, pulmonary.....	2,651	4,913	6,241	6,229	6,563	7,045	7,614
Cardiac.....	1,784	2,303	2,649	2,372	2,562	3,040	3,285
Other diseases.....	5,708	9,667	10,635	9,998	10,351	11,701	12,645
Mental or nervous system disorders.....	2,429	3,845	4,114	3,790	3,993	4,950	5,350
Not reported.....	136	15		1	1		
<b>Job or occupation:</b>							
Professional.....	1,598	3,117	3,021	2,969	3,135	3,279	3,544
Semiprofessional.....	1,270	1,193	1,346	1,304	1,349	1,584	1,712
Managerial and official.....	625	1,691	1,571	1,494	1,501	1,740	1,880
Clerical and kindred.....	6,699	7,852	9,740	8,555	8,535	9,773	10,562
Sales and kindred.....	1,497	3,361	2,708	2,376	2,861	3,010	3,253
Service occupations.....	5,015	9,142	9,669	8,832	9,510	11,117	12,015
Agriculture, fishing, etc.....	1,780	5,731	5,198	5,208	5,448	5,614	6,067
Skilled.....	5,128	9,305	8,197	7,402	7,260	8,094	8,748
Semiskilled.....	8,049	7,962	9,201	7,890	7,994	9,781	10,571
Unskilled.....	5,948	4,095	4,205	3,547	3,438	4,413	4,769
Family workers and housewives.....	156	6,131	6,441	6,244	6,938	7,227	7,810
Not reported.....	151	17	10	4	12	8	9

<sup>1</sup> Subject to revision.

<sup>2</sup> Includes spine, neck, head, facial disfigurement, dwarf.

Source: Department of Health, Education, and Welfare, Office of Vocational Rehabilitation.



# No. 374.—VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER AND GRANTS TO STATES AND OTHER AREAS: 1957

[For year ending June 30. Excludes training grants totaling \$2,938,076 and special project grants totaling \$1,999,046]

STATE OR OTHER AREA	Number rehabilitated	Number in process of rehabilitation on June 30	GRANTS (\$1,000)					
			Total	Type of agency		Type of grant		
				State boards of vocational education	State agencies for the blind	Support grants	Extension and improvement grants	Expansion grants <sup>1</sup>
<b>Total.....</b>	<b>70,940</b>	<b>144,588</b>	<b>37,052</b>	<b>32,397</b>	<b>4,655</b>	<b>34,848</b>	<b>1,207</b>	<b>997</b>
Alabama.....	2,070	4,934	1,318	1,318	—	1,271	27	20
Arizona.....	439	765	288	261	27	273	9	6
Arkansas.....	1,501	2,015	888	888	—	866	16	6
California.....	1,567	5,554	2,267	2,267	—	2,072	116	79
Colorado.....	696	1,207	312	288	74	284	11	17
Connecticut.....	1,016	2,425	396	352	44	363	20	13
Delaware.....	502	698	192	154	38	183	5	4
District of Columbia.....	340	861	249	249	—	242	—	7
Florida.....	2,114	4,094	1,166	837	329	1,113	31	22
Georgia.....	5,326	5,578	1,940	1,940	—	1,884	32	24
Idaho.....	173	418	88	77	11	85	—	3
Illinois.....	4,207	7,407	1,608	1,608	—	1,517	36	55
Indiana.....	1,181	2,669	511	455	56	469	27	15
Iowa.....	1,077	2,408	592	567	25	553	24	15
Kansas.....	625	1,468	353	286	97	355	18	10
Kentucky.....	871	1,812	398	398	—	358	27	13
Louisiana.....	1,712	4,521	1,030	913	117	1,018	—	12
Maine.....	247	843	239	194	45	227	8	4
Maryland.....	1,218	2,833	406	406	—	389	—	17
Massachusetts.....	1,027	2,424	699	609	90	621	45	33
Michigan.....	3,355	5,670	1,355	1,244	111	1,236	64	55
Minnesota.....	1,045	3,431	846	697	179	806	22	18
Mississippi.....	1,184	2,088	573	352	221	563	—	10
Missouri.....	1,420	2,338	775	571	204	727	19	29
Montana.....	421	760	180	160	30	174	6	—
Nebraska.....	672	1,441	262	193	69	237	12	13
Nevada.....	54	118	36	36	—	31	5	—
New Hampshire.....	118	408	93	74	24	89	5	4
New Jersey.....	877	2,045	870	725	145	828	16	26
New Mexico.....	303	341	185	152	33	161	3	21
New York.....	4,703	7,773	2,405	2,071	424	2,274	143	78
North Carolina.....	3,298	7,185	1,495	960	535	1,432	38	25
North Dakota.....	274	633	227	227	—	224	3	—
Ohio.....	1,378	2,693	780	547	233	691	35	54
Oklahoma.....	1,396	4,828	730	730	—	708	17	5
Oregon.....	693	1,764	446	396	50	422	14	10
Pennsylvania.....	6,024	11,956	3,166	2,575	591	2,980	99	87
Rhode Island.....	464	918	241	206	35	229	7	5
South Carolina.....	1,623	3,163	654	609	45	633	12	9
South Dakota.....	188	662	155	121	34	146	6	3
Tennessee.....	2,199	3,112	913	708	205	870	21	22
Texas.....	2,440	6,065	1,159	911	248	1,033	70	56
Utah.....	347	800	211	211	—	201	6	4
Vermont.....	190	457	166	138	28	161	5	—
Virginia.....	2,351	4,342	1,069	1,007	62	1,010	32	27
Washington.....	1,044	2,231	608	516	92	575	18	15
West Virginia.....	2,171	5,430	795	795	—	768	17	10
Wisconsin.....	1,434	3,276	825	752	73	770	33	22
Wyoming.....	201	261	94	94	—	94	—	—
Alaska.....	81	178	108	108	—	102	5	1
Hawaii.....	215	415	186	155	31	179	5	2
Puerto Rico.....	868	2,243	372	372	—	344	17	11
Virgin Islands.....	—	3	7	7	—	7	—	—

<sup>1</sup> Includes grants to nonprofit agencies for projects developed in cooperation with State boards of vocational education or State agencies for the blind.

Source: Department of Health, Education, and Welfare, Office of Vocational Rehabilitation.

### No. 375.—AMERICAN NATIONAL RED CROSS—SUMMARY OF MEMBERSHIP, INCOME, AND EXPENDITURES: 1945 TO 1957

[In thousands. For years ending June 30. The national organization's financial plan provides for a general fund balance to meet national emergencies or other extraordinary circumstances. Excess of income is transferred to, an excess of expenditures is financed from, this fund]

ITEM	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>Membership, total</b> .....	56,550	37,374	37,970	40,452	41,582	44,453	45,000	45,000	45,000
Adult.....	36,645	18,090	18,635	20,829	20,894	23,196	23,000	23,000	23,000
Junior.....	19,905	19,284	19,335	19,623	20,688	21,257	22,000	22,000	22,000
<b>Income, total</b> <sup>1</sup> .....	\$165,629	\$31,266	\$32,788	\$43,225	\$42,053	\$47,623	\$40,514	\$54,213	\$48,214
Contributions, total.....	163,503	28,959	30,500	41,697	40,626	44,874	38,771	52,237	45,665
From fund campaigns.....	162,177	28,662	30,152	41,068	39,978	43,889	37,876	55,107	40,532
For disaster relief operations.....	116	32	51	7,371	338	1,070	608	16,664	4,830
For Junior Red Cross program.....	819	247	223	203	245	293	242	238	255
Other contributions.....	391	18	63	55	65	122	45	228	48
Other income.....	2,126	2,307	2,288	1,528	1,427	2,749	1,743	1,976	2,549
<b>Expenditures, total</b> <sup>2</sup> .....	130,671	39,561	45,917	56,948	40,373	42,821	40,995	67,842	51,364
Services to Armed Forces and veterans.....	112,345	12,428	16,613	18,257	16,128	18,170	16,792	16,937	17,535
Disaster preparedness and relief.....	3,463	5,589	3,765	19,039	5,440	1,930	5,888	31,076	15,884
Blood program.....	29	5,847	9,847	6,437	6,589	9,917	6,161	5,405	4,456
Health and safety services.....	2,610	1,774	1,962	1,798	1,388	1,290	1,277	1,270	1,354
Junior Red Cross.....	988	1,124	925	780	507	713	541	601	765
Volunteer services.....	374	2,356	3,077	3,515	3,735	4,636	4,677	4,271	4,820
Services and assistance to chapters.....	2,097								
Public information and fund raising.....	2,253	1,137	1,108	1,100	964	1,067	1,064	1,261	1,210
International relations.....	4,034	375	401	363	221	184	179	186	179
General executive offices.....	2,478	1,948	1,793	1,451	1,270	1,447	1,424	1,635	1,793
Acquisition and construction of land and buildings.....	-----	-----	2,418	81	631	-----	110	2,247	290
Operating facilities.....	-----	6,983	4,008	4,137	3,500	3,467	2,882	2,952	3,078
Excess of income (+) or excess of expenditures (-).....	+34,958	-8,295	-13,129	-13,723	+1,680	+4,802	-481	-13,629	-3,150

<sup>1</sup> Estimated.<sup>2</sup> Excludes income of chapters.

<sup>3</sup> Data for chapter budgets not included; additional expenditures by chapters estimated at approximately \$49,910,000 for year ending June 30, 1957. Beginning 1950, activities common to all services, such as stenographic section, files, etc., previously prorated to the various services, included with "Operating facilities"; and applicable proportion of cost of telecommunications, duplicating service, insurance, and retirement charged directly to program services.

Source: The American National Red Cross; annual report.

### No. 376.—FUNDS RAISED BY COMMUNITY CHEST AND UNITED FUND CAMPAIGNS: 1925 TO 1957

[Includes all campaigns for which data are on file with United Community Funds and Councils of America, Incorporated, and campaigns of Canada. Reports of campaign results are based on the total raised in the federated campaign. In cases where an agency such as the Red Cross was included in the joint campaign for only part of its goal, only the amount raised for the agency through the joint campaign is reported]

YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR		YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR	
		Amount	Percent of goal			Amount	Percent of goal
1925.....	240	\$58,003,965	94.0	1948.....	1,010	\$177,082,356	95.3
1930.....	353	75,972,555	95.5	1949.....	1,152	188,061,328	91.9
1935.....	406	69,781,478	87.2	1950.....	1,318	192,933,988	93.1
1940.....	561	86,297,068	95.3	1951.....	1,498	212,987,292	94.9
1941.....	598	90,379,099	98.0	1952.....	1,500	240,920,220	98.8
1942.....	632	104,575,890	99.6	1953.....	1,560	266,124,734	96.1
1943.....	649	132,334,486	107.0	1954.....	1,690	287,539,960	96.7
1944.....	703	210,415,187	100.9	1955.....	1,858	302,023,059	95.9
1945.....	772	221,272,950	101.9	1956.....	1,939	339,706,067	98.4
1946.....	798	197,048,839	89.8	1957.....	1,961	378,382,274	98.1
1947.....	841	168,521,984	96.6				

Source: United Community Funds and Councils of America, Inc., New York, N. Y.; annual directory.

No. 377.—NUMBER OF COMMUNITY CHEST AND UNITED FUND CAMPAIGNS, AND  
AMOUNT RAISED, BY STATES: 1950 TO 1957

[Funds in thousands of dollars. See also table 376]

STATE	NUMBER OF CAMPAIGNS					FUNDS RAISED FOR—				
	1950	1954	1955	1956	1957	1950	1954	1955	1956	1957
<b>Total.....</b>	<b>1,259</b>	<b>1,619</b>	<b>1,785</b>	<b>1,866</b>	<b>1,884</b>	<b>181,801</b>	<b>272,338</b>	<b>284,492</b>	<b>320,827</b>	<b>353,979</b>
Alabama.....	16	19	20	22	22	1,714	2,702	3,411	4,008	4,685
Arizona.....	5	5	4	6	6	490	795	914	1,248	1,655
Arkansas.....	11	10	11	10	11	829	1,051	1,068	1,177	1,232
California.....	119	124	119	121	108	16,322	25,727	26,543	29,077	30,916
Colorado.....	7	8	7	6	6	1,882	2,721	2,818	2,971	3,195
Connecticut.....	20	30	32	33	33	4,599	6,453	6,463	7,804	8,181
Delaware.....	1	2	2	3	2	870	1,155	1,204	1,375	1,609
Dist. of Columbia.....	1	1	1	1	1	3,574	3,852	3,809	4,046	6,601
Florida.....	17	21	19	20	22	2,093	3,678	4,065	4,705	6,044
Georgia.....	23	21	22	25	25	2,239	3,655	3,808	4,417	4,881
Idaho.....	9	5	5	4	5	246	154	156	219	224
Illinois.....	79	112	122	123	123	11,579	15,050	15,407	16,412	17,493
Indiana.....	39	43	43	45	47	4,213	6,585	6,600	7,549	9,061
Iowa.....	38	75	121	128	129	2,472	3,955	4,496	4,653	4,928
Kansas.....	22	27	32	36	37	1,197	2,197	2,387	2,576	2,853
Kentucky.....	19	20	20	21	21	1,861	2,337	2,612	2,881	2,811
Louisiana.....	7	8	10	11	12	2,010	4,260	4,908	5,110	5,322
Maine.....	6	8	8	9	10	557	781	815	959	1,286
Maryland.....	8	8	9	8	9	2,258	2,806	3,941	4,245	4,557
Massachusetts.....	38	46	48	50	49	9,006	12,307	12,507	13,113	13,706
Michigan.....	116	103	116	119	103	14,000	21,522	22,097	25,423	26,322
Minnesota.....	33	41	92	91	85	4,422	5,567	5,854	6,127	6,419
Mississippi.....	10	13	12	12	12	1,044	1,003	996	1,051	1,051
Missouri.....	17	24	25	27	30	7,005	10,328	10,573	13,325	14,124
Montana.....	6	7	7	7	7	304	375	365	385	384
Nebraska.....	10	11	13	14	15	1,229	1,688	1,953	2,388	2,551
Nevada.....	3	3	3	3	3	185	206	220	242	312
New Hampshire.....	4	9	8	7	8	363	473	485	499	538
New Jersey.....	39	45	55	55	57	5,950	8,711	8,930	9,380	9,744
New Mexico.....	5	7	8	8	9	192	371	431	508	659
New York.....	82	103	109	109	116	11,275	16,586	17,821	20,135	21,793
North Carolina.....	27	51	53	57	61	1,735	4,754	4,823	5,174	6,227
North Dakota.....	6	10	11	12	12	205	325	331	341	393
Ohio.....	81	110	106	110	111	16,190	25,311	25,050	29,774	32,474
Oklahoma.....	18	25	26	32	41	1,605	3,112	3,107	3,528	3,805
Oregon.....	10	44	37	29	29	1,846	3,757	4,055	4,508	4,547
Pennsylvania.....	95	105	122	120	117	20,164	26,027	26,189	31,077	38,570
Rhode Island.....	4	5	6	6	6	1,457	1,749	1,935	2,487	2,609
South Carolina.....	12	18	19	22	23	842	1,478	1,745	2,095	2,510
South Dakota.....	6	6	6	7	8	218	334	357	388	476
Tennessee.....	13	16	16	19	21	2,380	3,558	4,398	4,649	5,339
Texas.....	44	97	106	145	161	7,069	14,512	15,411	17,743	19,056
Utah.....	2	2	2	2	2	373	461	622	931	940
Vermont.....	5	4	4	5	5	200	222	237	282	312
Virginia.....	32	35	35	34	35	2,899	3,570	3,525	4,174	4,557
Washington.....	30	28	28	28	26	3,121	5,844	6,185	6,707	7,531
West Virginia.....	14	13	13	12	14	994	1,305	1,257	1,540	1,883
Wisconsin.....	43	86	87	88	85	4,381	6,518	6,766	7,262	7,962
Wyoming.....	3	5	5	5	5	97	161	176	214	221

Source: United Community Funds and Councils of America, Inc., New York; annual directory.

## No. 378.—FOUNDATIONS—DECADE ESTABLISHED AND LATEST RESOURCE CLASS

[Excludes those which have ceased functioning. A foundation is a non-profit legal entity having a principal fund of its own, or receiving charitable contributions of a living founder or founders, which is governed by its own trustees or directors, and which has been established to serve the welfare of mankind. Excludes endowed religious and educational institutions, those which solicit or appeal for endowment or operating funds, and those which conduct a clinical or other local program or benefit solely a single institution or group. Data are admittedly incomplete in coverage with respect to foundations which meet the above specifications. It is estimated that approximately 7,300 are in existence which would qualify for inclusion under these standards.]

RESOURCE CLASS	Total	DECADE ESTABLISHED							
		Prior to 1900	1900 to 1909	1910 to 1919	1920 to 1929	1930 to 1939	1940 to 1949	1950 and later	Un-known
<b>Total foundations reporting</b>	4,164	10	16	75	169	330	2,502	814	248
Assets under \$1,000,000 or grants under \$50,000	3,311	4	6	30	79	196	2,118	653	225
Assets of \$1,000,000 to \$9,999,999 or grants of \$50,000 and over	640	5	2	30	68	110	342	68	15
Assets of \$10,000,000 and over	78	1	7	12	12	20	19	6	1
Unknown	135	—	1	3	10	4	23	87	7
<b>Foundations reporting a company donor</b>	763	—	—	5	6	29	495	189	39
Assets under \$1,000,000 or grants under \$50,000	591	—	—	1	4	17	395	137	37
Assets of \$1,000,000 to \$9,999,999 or grants of \$50,000 and over	138	—	—	1	2	9	94	30	2
Assets of \$10,000,000 and over	10	—	—	3	—	1	5	1	—
Unknown	24	—	—	—	—	2	1	21	—

<sup>1</sup> Comprises foundations receiving gifts from corporations, exclusively or otherwise.

## No. 379.—FOUNDATIONS—EXPENDITURES AND GRANTS, BY STATES AND FOR HAWAII

[Amounts in thousands of dollars. For latest year reported. See headnote, table 378]

STATE OR OTHER AREA	EXPENDITURES <sup>1</sup>		GRANTS		STATE OR OTHER AREA	EXPENDITURES <sup>1</sup>		GRANTS	
	Foundations reporting	Amount	Foundations reporting	Amount		Foundations reporting	Amount	Foundations reporting	Amount
<b>Total</b>	3,795	371,367	3,764	308,649	<b>S. A.—Con.</b>				
N. E.	290	12,965	283	11,021	Va.	40	1,176	41	1,041
Maine	3	129	3	73	W. Va.	3	32	3	27
N. H.	7	159	6	134	N. C.	72	5,342	67	4,635
Vt.	5	75	4	31	S. C.	40	846	37	632
Mass.	156	7,974	154	6,710	Ga.	80	4,755	79	3,994
R. I.	35	623	34	598	Fla.	55	923	49	450
Conn.	84	4,005	82	3,475	<b>E. S. C.</b>	102	2,672	99	3,084
<b>M. A.</b>	1,463	220,973	1,452	192,806	Ky.	28	530	26	340
N. Y.	1,178	193,185	1,170	171,221	Tenn.	41	709	41	1,935
N. Y. City	1,082	188,072	1,077	167,103	Ala.	19	1,147	19	540
N. J.	100	2,123	99	2,191	Miss.	14	286	13	200
Pa.	185	25,665	183	19,394	<b>W. S. C.</b>	176	15,143	170	10,081
<b>E. N. C.</b>	814	65,814	806	48,699	Ark.	19	933	19	901
Ohio	140	23,968	136	8,028	La.	26	1,117	26	999
Ind.	30	2,878	31	2,182	Okla.	15	304	15	288
Ill.	342	15,053	341	15,805	Tex.	116	12,789	110	7,923
Mich.	222	21,641	212	20,315	<b>Mt.</b>	80	4,743	86	4,093
Wis.	80	2,274	86	2,369	Mont.	—	—	—	—
<b>W. N. C.</b>	203	8,743	209	6,444	Idaho.	6	81	6	64
Minn.	75	4,474	77	3,202	Wyo.	—	—	—	—
Iowa	32	599	30	608	Colo.	54	2,496	56	1,881
Mo.	75	2,885	82	2,237	N. Mex.	4	9	5	10
N. Dak.	2	10	2	9	Ariz.	8	118	9	89
S. Dak.	1	12	1	5	Utah.	6	55	7	63
Nebr.	12	593	12	227	Nev.	2	1,984	2	1,895
Kans.	6	170	5	156	<b>Pac.</b>	168	6,779	175	6,692
<b>S. A.</b>	496	33,358	481	25,630	Wash.	22	269	21	189
Del.	23	1,320	21	948	Oreg.	13	277	14	245
Md.	140	2,258	142	2,313	Calif.	133	6,233	140	6,200
D. C.	43	16,706	42	11,400	Hawaii	3	175	3	180

<sup>1</sup> Comprises administrative expenses and grants. In those instances where foundations reported grants made and did not report expenditures, the figures were included only in the totals for grants. As a result, total grants for certain States are greater than total expenditures.

Source of tables 378 and 379: Wilmer Shields Rich, *American Foundations and Their Fields* (Seventh Edition) (Copyright 1955 by American Foundations Information Service.)

## Section 11

### Income, Expenditures, and Wealth

This section presents statistics relating to two different aspects of income and expenditures: Those which in aggregate reflect the entire complex of the Nation's economic activities and the interaction of its major components (the national income and product system and the flow-of-funds system); and those showing the distribution of families and individuals by income size-classes or type of expenditure. It also includes statistics on national wealth.

The primary source for national income and product information is the Department of Commerce, Office of Business Economics' monthly *Survey of Current Business*. Each July issue of the *Survey* is identified as the *National Income Number* and contains the most recent and detailed statistics on this subject.

A further development of the general body of national income data appears in *Income Distribution in the United States, 1944-50*, a supplement to the *Survey*, which presents personal income data classified by income size-groups. More recent data are presented in the *Survey of Current Business* for March 1955 and June 1956.

The primary source for flow-of-funds data is the Board of Governors of the Federal Reserve System; the *Federal Reserve Bulletin* from time to time presents summarized versions of these data. Detailed historical data appear in *Flow of Funds in the United States, 1939-53*.

A primary source for data on distribution of income by size-class is the Bureau of the Census, *Current Population Reports—Consumer Income*, Series P-60. A brief discussion of the Current Population Survey which is the basis for the data in the above report appears in the Technical Note on page 201 and also on page 2. Another primary source for information in this field is the national Survey of Consumer Finances conducted annually since 1946 for the Board of Governors of the Federal Reserve System by the Survey Research Center of the University of Michigan. This survey consists of a sample of approximately 2,700 family units or 3,000 spending units located in 66 sampling areas. Survey findings are published in the *Federal Reserve Bulletin* and include information regarding debts, instalment credit, purchases, liquid assets, and other financial matters, in addition to income of families.

A national survey of urban family income, expenditures, and savings was made by the Bureau of Labor Statistics for 1950. Preliminary results were published in BLS Bulletin 1097 (Revised), *Family Income, Expenditures, and Savings in 1950*. Final data for this survey appear in *Study of Consumer Expenditures, Income, and Savings* (18 volumes), issued by the Wharton School of Finance and Commerce of the University of Pennsylvania. (See table 396 for selected data from this study.) Family expenditures data for selected cities from 1946 to 1949 have been published in BLS Bulletin No. 1065, *Family Income, Expenditures, and Savings in 10 Cities*.

**National income and product.**—A synoptic view of the economy is provided by the summary of the Nation's income, expenditure, and saving shown in the form of a balancing set of accounts for the major economic categories—consumers, business, and government. (See table 380.) These statistics assembled by the Council of

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Note.—This section presents data for the most recent year or period available on March 31, 1958, when the material was organized and sent to the printer.

Economic Advisers are based on the "national income and product" accounts of the Department of Commerce. An explanation of the items included in this summation may be found in the 1957 *Historical and Descriptive Supplement to Economic Indicators*, 85th Congress, 1st Session.

**Gross national product.**—Gross national product (called GNP) represents the total national output of goods and services at market prices. It measures this output in terms of the expenditures by which these goods are acquired. These expenditures comprise the purchases of goods and services by consumers and government, gross private domestic investment, and net foreign investment. The goods and services included in GNP are, for the most part, those actually bought for final use (excluding illegal transactions) in the markets. There are a number of inclusions, however, which represent imputed values, the most important of which is the rental value of owner-occupied dwellings. GNP, the total national output, also measures the product attributable to the factors of production—labor and property—supplied by residents of continental United States. GNP differs from "national income," described below, mainly in that GNP includes allowances for depreciation and similar capital consumption and for indirect taxes (such as sales and excise taxes).

**National income.**—National income is the aggregate of earnings by labor and property from the current production of goods and services by the Nation's economy. It is the sum represented by compensation of employees, proprietors' income, rental income, net interest, and corporate profits. Thus, it measures the total factor costs of the goods and services produced by the economy. Earnings are inclusive of taxes on those earnings.

**Personal income.**—Personal income is the current income received by individuals, by unincorporated businesses, and by nonprofit institutions (including pension, trust, and welfare funds) from all sources. It 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. Although most of the income is in monetary form, there are important nonmonetary inclusions—chiefly, estimated net rental value to owner-occupants of their homes and the value of food consumed on farms.

Disposable personal income is equal to personal income less taxes on individuals (including income, property, and other taxes not deductible as business expense), and other general Government revenues (e. g., fines, penalties, etc.) received from individuals as individuals.

**Flow-of-funds accounts.**—Another synoptic view of the economy is provided by a summary of the flow-of-funds accounts. This system of national accounts presents a record designed to picture the flow of funds through the major sectors of the national economy. The system records all transactions that involve at least two separate economic units (e. g., persons, firms) and that are effected through the use of credit or money. The transactions covered include transactions in financial instruments, existing assets, and transfers of various kinds, as well as transactions involving currently produced goods and services. The purpose of the system is to provide an aid in analyzing the flows of funds through the economy and in relating financial developments in the economy to the flows of income and expenditures.

**Distribution of income by size-class.**—These statistics are based on data collected in various field surveys of income conducted since 1936. In each of these field surveys trained enumerators interview representative samples of the population with respect to income received during the previous year. The income here referred to is consumer money income for the calendar year and is before deduction of income taxes or social security taxes. Nonmoney items of income are not covered. None of the aggregate income concepts (gross national product, national income, or personal income) is exactly comparable with consumer money income. The nearest approximation is "personal income."

A size distribution of family "personal income" (less amounts received by institutional residents or retained by private trust, pension, health, and welfare funds) is prepared by the Office of Business Economics based on data from consolidated Federal individual income tax returns and the sample data from the surveys mentioned above. These are described in *Income Distribution in the United States, 1944-1950* mentioned above. Detailed statistics, including information on Federal individual income tax liabilities, are available in the March 1955 and June 1956 issues of the *Survey of Current Business*.

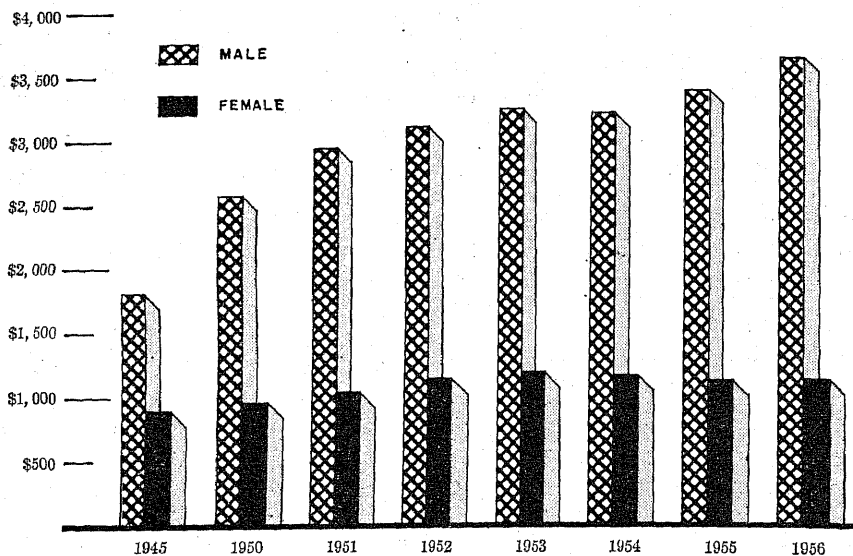
**National wealth.**—National wealth data are not currently compiled by any Federal government agency. The Bureau of the Census prepared estimates of national wealth for selected years from 1850 to 1922. Figures for various dates covering the period 1880 to 1922, based on the Census Bureau reports, are shown in *Historical Statistics of the United States, 1789-1945*. For the same period, 1880-1922, estimates for certain components of wealth (land, real-estate improvements, and equipment), also largely based on Census Bureau figures, appear in *National Product Since 1869*, by Simon Kuznets, issued by the National Bureau of Economic Research in 1946. More recent data on wealth for the period 1922 to 1938 were compiled by the National Industrial Conference Board and published in *Enterprise and Social Progress*, and in the *Economic Record*. Both the Kuznets estimates and the NICB estimates also appear in *Historical Statistics*. The Board of Governors of the Federal Reserve System publishes partial balance sheets, covering financial assets and liabilities, for the various sectors of the economy as part of the flow-of-funds accounts.

The wealth data shown here (tables 412 and 413) represent the most recent attempt to derive a consistent and comprehensive series in this field. They were compiled by Dr. Raymond W. Goldsmith. As is the case in all national wealth estimates, the figures are intended chiefly to indicate the order of magnitudes involved and to permit rough comparisons among types of wealth and of the growth of wealth over long periods. Careful examination of the methods and sources of the estimates, as they are described in the source, *A Study of Saving in the United States*, is therefore advisable before use is made of the figures.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series A 101-116") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

FIG. XVII.—MEDIAN TOTAL MONEY INCOME OF MEN AND WOMEN:  
1945 TO 1956

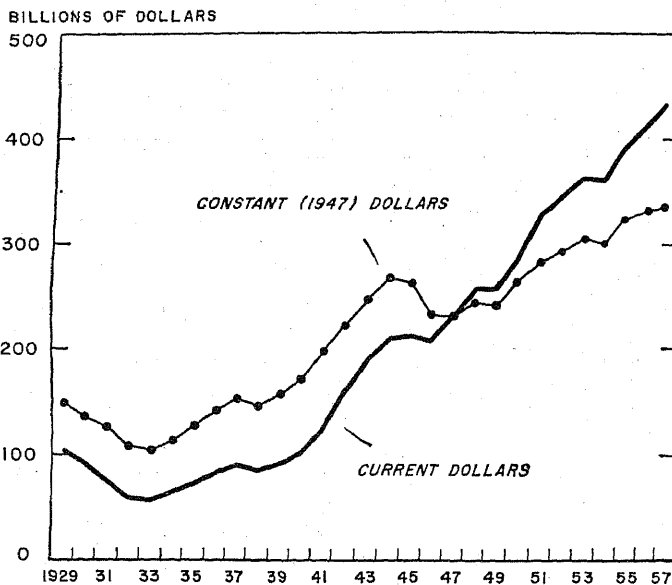
[See table 408]



Source: Department of Commerce, Bureau of the Census.

FIG. XVIII.—GROSS NATIONAL PRODUCT IN CURRENT AND CONSTANT DOLLARS: 1929 TO 1957

[See tables 381 and 382]



Source: Department of Commerce, Office of Business Economics.



## No. 380.—THE NATION'S INCOME, EXPENDITURE, AND SAVING: 1955 TO 1957

[In billions of dollars. Based on national income and product data of Department of Commerce. See text, p. 209]

ECONOMIC GROUP	1955			1956			1957 (prel.)		
	Re- ceipts	Ex- pend- itures	Excess of re- ceipts (+) or expend- itures (-)	Re- ceipts	Ex- pend- itures	Excess of re- ceipts (+) or expend- itures (-)	Re- ceipts	Ex- pend- itures	Excess of re- ceipts (+) or expend- itures (-)
Gross national product.....	391.7	391.7	-----	414.7	414.7	-----	433.9	433.9	-----
Consumers:									
Disposable personal income.....	270.2			287.2			300.0		
Personal consumption expenditures.....		254.4			287.2			280.4	
Personal net saving (+).....			15.8			20.0			19.6
Business:									
Gross retained earnings.....	39.8			40.9			44.0		
Gross private domestic investment.....		60.6			65.9			63.6	
Excess of investment (-).....			-20.8			-25.0			-19.6
International:									
Net foreign investment.....		-4			1.4			3.3	
Excess of receipts (+) or investment (-).....			.4			-1.4			-3.3
Government (Federal, State, and local): <sup>1</sup>									
Tax and nontax receipts or accruals.....	101.1			109.0			115.7		
Less: Transfers, interest, and sub- sidies (net) <sup>2</sup> .....		21.5			24.0			27.5	
Equals: Net receipts.....		79.6			85.0			88.2	
Total government expenditures.....			98.6			104.2			114.1
Less: Transfers, interest, and sub- sidies (net) <sup>2</sup> .....			21.5			24.0			27.5
Equals: Purchases of goods and ser- vices.....			77.1			80.2			86.6
Surplus (+) or deficit (-) on income and product account.....			2.6			4.8			1.7
Statistical discrepancy.....	2.1		2.1	1.6		1.6	1.7		1.7

<sup>1</sup> Data are on "income and product" account basis rather than cash or conventional budget basis.<sup>2</sup> Data are subtracted because they are excluded from gross national product.Source: Executive Office of the President, Council of Economic Advisers; published in *Economic Report of the President*, January 1958.

## No. 381.—GROSS NATIONAL PRODUCT OR EXPENDITURE IN CONSTANT (1947) DOLLARS: 1929 TO 1957

[In billions of 1947 dollars. Constant dollar figures obtained by dividing current-dollar estimates shown in table 382 in as fine a product classification as possible, by appropriate price indexes based on 1947 as 100, in order to eliminate from the current dollar estimates all price change as compared with 1947. For definition of gross national product, see text, p. 300]

ITEM	1929	1933	1940	1945	1950	1953	1954	1955	1956	1957 (prel.)
Gross national product.....	149.3	103.7	171.6	263.1	264.7	305.3	301.3	322.8	332.0	335.2
Personal consumption expenditures.....	107.3	86.6	122.5	145.2	182.8	197.4	200.9	215.4	222.5	226.1
Durable goods.....	13.0	6.7	13.5	8.9	27.2	26.7	26.9	32.2	30.5	30.5
Nondurable goods.....	58.1	49.2	71.0	90.6	97.2	105.4	106.3	111.9	117.0	119.0
Services.....	36.2	30.8	37.4	45.6	58.4	65.3	67.6	71.3	76.0	76.7
Gross private domestic investment.....	26.8	2.1	22.8	13.0	45.3	38.5	37.9	46.6	47.6	44.4
New construction.....	16.1	3.5	10.6	5.0	20.0	19.8	21.4	24.7	24.1	23.2
Producers' durable equipment.....	8.5	2.9	8.4	9.7	18.3	19.0	17.6	18.1	20.1	20.7
Change in business inventories.....	2.1	-4.2	3.9	-1.6	7.0	-3	-1.0	3.8	3.4	.6
Net foreign investment.....	1.6	.1	2.2	-2.9	-1.1	-3	1.2	1.3	3.0	4.0
Government purchases of goods and services.....	13.6	14.9	24.1	107.8	37.7	60.6	61.2	59.4	58.9	60.7
Federal.....	2.3	4.3	11.0	97.9	20.5	61.1	41.0	37.8	36.3	37.3
State and local.....	11.2	10.6	13.0	9.9	17.3	18.5	20.2	21.6	22.5	23.4
Gross government product <sup>1</sup> .....	7.0	8.1	13.0	45.1	18.1	24.6	24.0	23.8	24.0	24.3
Other gross product <sup>2</sup> .....	142.3	95.6	158.6	218.0	246.6	280.7	277.3	299.0	308.0	310.9

<sup>1</sup> Compensation of general government employees.<sup>2</sup> Gross national product less compensation of general government employees; i. e., gross product accruing from domestic business, households, and institutions, and from the rest of the world.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957 and February 1958.

# No. 382.—GROSS NATIONAL PRODUCT OR EXPENDITURE IN CURRENT DOLLARS: 1929 TO 1957

[In millions of dollars. For definition of gross national product, see text, p. 300. See also *Historical Statistics 1789-1946*, series A 101-116]

ITEM	1929	1930	1933	1935	1940	1945	1946	1947	1948
<b>Gross national product.....</b>	<b>104,436</b>	<b>91,105</b>	<b>55,964</b>	<b>72,502</b>	<b>100,618</b>	<b>213,558</b>	<b>209,246</b>	<b>232,228</b>	<b>257,325</b>
Personal consumption expenditures.....	78,952	70,968	46,392	56,289	71,881	121,699	146,617	164,973	177,609
Durable goods.....	9,212	7,155	3,469	5,111	7,771	8,105	15,892	20,593	22,214
Nondurable goods.....	37,677	34,010	22,251	29,319	37,215	73,222	84,501	93,077	98,741
Services.....	32,063	29,803	20,672	21,859	26,896	40,372	46,224	51,303	56,654
Gross private domestic investment.....	16,231	10,265	1,391	6,277	13,155	10,430	27,125	29,705	41,176
New construction.....	8,707	6,183	1,431	2,299	5,452	3,833	10,291	14,029	17,904
Producers' durable equipment.....	5,850	4,465	1,589	3,066	5,531	7,654	10,733	16,667	19,110
Change in business inventories.....	1,674	-383	-1,629	912	2,172	-1,057	6,101	-991	4,162
Net foreign investment.....	771	690	150	-54	1,509	-1,438	4,586	8,942	1,956
Government purchases of goods and services.....	8,482	9,182	8,031	9,990	14,073	82,867	30,918	28,608	36,584
Federal.....	1,311	1,410	2,018	2,931	6,170	74,796	20,934	15,776	21,019
National security.....	1,344	1,432	2,022	2,935	2,223	75,923	21,188	13,349	15,984
Other.....					3,956	1,031	2,469	3,751	5,570
Less: Government sales.....	33	22	4	4	9	2,158	2,723	1,324	535
State and local.....	7,171	7,772	6,013	7,059	7,903	8,071	9,984	12,832	15,565

ITEM	1949	1950	1951	1952	1953	1954	1955	1956	1957 (prel.)
<b>Gross national product.....</b>	<b>257,301</b>	<b>285,067</b>	<b>328,232</b>	<b>345,445</b>	<b>363,218</b>	<b>361,167</b>	<b>391,692</b>	<b>414,686</b>	<b>434,400</b>
Personal consumption expenditures.....	180,568	194,026	208,342	218,328	230,542	236,557	254,421	267,160	280,400
Durable goods.....	23,573	28,608	27,148	26,641	29,811	29,354	35,640	33,948	35,100
Nondurable goods.....	96,879	100,386	111,054	116,110	119,055	120,571	125,968	133,337	139,900
Services.....	60,146	65,032	70,140	75,577	81,676	86,632	92,804	98,875	105,400
Gross private domestic investment.....	32,549	51,219	56,864	49,808	50,325	48,381	60,605	65,923	64,400
New construction.....	17,453	22,733	23,332	23,723	25,778	27,806	32,672	33,276	33,200
Producers' durable equipment.....	17,833	21,135	23,177	23,116	24,293	22,490	23,701	28,093	30,400
Change in business inventories.....	-2,737	7,351	10,355	2,969	254	-1,915	4,232	4,554	800
Net foreign investment.....	534	-2,201	227	-164	-2,017	-412	-420	1,377	3,200
Government purchases of goods and services.....	43,620	42,023	62,799	77,473	84,368	76,641	77,086	80,276	86,400
Federal.....	25,445	22,138	40,995	54,260	59,481	48,928	46,785	47,199	50,400
National security.....	19,288	18,511	37,260	48,823	51,475	43,065	41,269	42,405	45,700
Other.....	6,570	3,882	4,154	5,792	8,423	6,242	5,934	5,192	5,300
Less: Government sales.....	413	255	419	355	417	379	418	398	400
State and local.....	18,175	19,885	21,804	23,213	24,887	27,713	30,301	33,028	36,000

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957 and February 1958.

# No. 383.—PER CAPITA INCOME AND PRODUCT FOR SELECTED ITEMS IN CURRENT AND CONSTANT (1947) DOLLARS: 1929 TO 1957

[For population figures used to derive these data, see table 389]

ITEM	1929	1933	1940	1945	1950	1954	1955	1956	1957 (prel.)
<b>CURRENT DOLLARS</b>									
Gross national product.....	857	445	762	1,526	1,879	2,224	2,370	2,466	2,537
National income.....	721	320	618	1,295	1,582	1,841	1,961	2,043	2,091
Personal income.....	794	376	596	1,224	1,497	1,770	1,851	1,944	2,006
Disposable personal income.....	682	364	576	1,075	1,359	1,567	1,635	1,708	1,756
Personal consumption expenditures.....	648	399	544	870	1,279	1,456	1,539	1,589	1,638
<b>CONSTANT (1947) DOLLARS</b>									
Gross national product.....	1,225	825	1,299	1,880	1,745	1,855	1,953	1,974	1,958
Disposable personal income.....	927	679	981	1,283	1,280	1,331	1,384	1,422	1,416
Personal consumption expenditures.....	880	689	927	1,038	1,205	1,237	1,303	1,323	1,320

<sup>1</sup> Figures obtained by dividing current-dollar disposable personal income by the implicit price deflator for personal consumption expenditures.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957 and February 1958.

## No. 384.—RELATION OF GROSS NATIONAL PRODUCT, NATIONAL INCOME, AND PERSONAL INCOME: 1929 TO 1957

[In millions of dollars. For definitions of gross national product, national income, and personal income, see text, p. 300]

ITEM	1929	1933	1940	1945	1950	1954	1955	1956	1957 (prel.)
<b>Gross national product</b> .....	104,436	55,964	100,618	213,558	285,067	361,107	391,682	414,686	434,400
Less:									
Capital consumption allowances.....	8,617	7,161	8,148	12,549	20,516	28,923	31,611	34,263	37,100
Depreciation charges.....	7,698	6,661	7,816	11,246	18,042	25,691	28,110	30,588	33,300
Accidental damage to fixed capital.....	413	275	246	381	616	917	1,055	740	3,800
Capital outlays charged to current expense.....	506	225	586	922	1,858	2,415	2,446	2,932	
<b>Equals: Net national product</b> .....	95,819	48,803	92,470	201,009	264,551	332,244	360,081	380,420	397,306
Plus: Subsidies minus current surplus of Government enterprises.....	-147	18	420	760	204	-232	233	1,102	1,300
Less:									
Indirect business tax and nontax liability.....	7,003	7,055	10,021	15,522	23,741	30,133	32,862	35,000	36,900
Business transfer payments.....	887	659	431	532	843	1,262	1,303	1,303	1,300
Statistical discrepancy.....	268	948	804	4,407	215	1,662	2,081	1,599	( <sup>1</sup> )
<b>Equals: National income</b> .....	87,814	40,159	81,634	181,248	239,956	298,955	324,068	343,620	358,000
Less:									
Undistributed corporate profits.....	2,446	-2,426	2,443	3,697	12,934	6,149	9,905	9,175	( <sup>1</sup> )
Corporate profits tax liability.....	1,369	521	2,834	10,689	17,829	17,429	21,520	21,959	( <sup>1</sup> )
Corporate inventory valuation adjustment.....	472	-2,143	-200	-664	-4,864	-318	-1,749	-2,559	( <sup>1</sup> )
Contributions for social insurance.....	243	285	2,282	6,138	6,870	9,695	11,013	12,352	14,400
Excess of wage accruals over disbursements.....	0	0	0	14	0	0	0	0	0
Plus:									
Net interest paid by Government.....	983	1,170	1,201	3,683	4,716	5,194	6,209	5,739	6,000
Government transfer payments.....	909	1,457	2,683	5,633	14,304	14,961	16,051	17,150	19,900
Business transfer payments.....	587	650	431	532	843	1,262	1,303	1,303	1,300
<b>Equals: Personal income</b> .....	85,763	47,208	78,680	171,222	227,050	287,417	305,942	326,885	343,400

<sup>1</sup> Not available.

## No. 385.—PERSONAL INCOME AND DISPOSITION OF INCOME: 1929 TO 1957

[In millions of dollars. For definition of personal income, see text, p. 300. See also *Historical Statistics, 1789-1945*, series A 134-141]

ITEM	1929	1933	1940	1945	1950	1954	1955	1956	1957 (prel.)
<b>Personal income</b> .....	85,763	47,208	78,680	171,222	227,050	287,417	305,942	326,885	343,400
Wage and salary disbursements.....	50,423	28,967	49,818	117,563	146,526	195,513	210,330	227,237	238,800
Other labor income <sup>1</sup> .....	561	409	687	1,799	3,823	6,214	6,917	7,519	8,000
Proprietors' and rental income <sup>2</sup> .....	20,184	7,570	15,895	30,469	44,613	49,145	49,395	49,939	51,200
Dividends.....	5,813	2,056	4,043	4,691	9,207	9,874	11,048	11,874	12,100
Personal interest income.....	7,428	6,212	5,781	6,808	10,628	15,021	16,080	17,599	18,800
Transfer payments <sup>3</sup> .....	1,496	2,116	3,114	6,165	15,147	16,223	17,354	18,453	21,200
Less: Personal contributions for social insurance <sup>4</sup> .....	142	152	658	2,333	2,894	4,573	5,197	5,736	6,800
Less:									
Personal tax and nontax payments.....	2,643	1,464	2,604	20,867	20,920	32,954	35,753	39,683	42,800
Federal.....	1,203	474	1,304	19,379	18,179	29,155	31,621	35,110	37,800
State and local.....	1,880	990	1,240	1,488	2,741	3,799	4,232	4,573	5,000
<b>Equals: Disposable personal income</b> .....	83,120	45,744	76,076	150,355	206,130	254,463	270,189	287,202	300,600
Less: Personal consumption expenditures.....	78,952	46,392	71,881	121,699	194,026	236,557	254,421	267,160	280,400
<b>Equals: Personal saving</b> .....	4,168	-648	4,195	28,656	12,104	17,906	15,768	20,042	20,200

<sup>1</sup> Comprises compensation for injuries, employer contributions under private pension and related plans, and other payments.<sup>2</sup> Comprises business and professional income, farm income, and rental income of persons; also the noncorporate inventory valuation adjustment.<sup>3</sup> Comprises government social insurance benefits, direct relief, mustering-out pay, veterans' readjustment allowances and other payments, as well as consumer bad debts and other business transfers.<sup>4</sup> Through 1950 represents employee contributions only; thereafter, also includes personal contributions of self-employed persons.Source of tables 384 and 385: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957 and February 1958.

## No. 386.—NATIONAL INCOME BY DISTRIBUTIVE SHARES: 1929 TO 1957

[In millions of dollars. For definition of national income, see text, p. 300. See also *Historical Statistics, 1789-1945*, series A 117-133]

ITEM	1929	1930	1933	1935	1940	1945	1946	1947	1948
<b>National income</b> .....	87,814	75,729	40,159	57,057	81,634	181,248	179,577	197,168	221,641
Compensation of employees.....	51,085	46,844	29,539	37,340	52,129	123,181	117,697	128,757	140,927
Wages and salaries.....	50,423	46,187	28,997	36,690	49,818	117,577	111,836	122,858	135,172
Private.....	45,485	41,033	23,855	30,189	41,395	82,664	91,241	105,512	116,424
Military.....	308	311	207	303	563	21,819	7,818	4,067	3,970
Government civilian <sup>1</sup> .....	4,680	4,843	4,875	6,198	7,860	13,094	12,777	13,279	14,778
Supplements to wages and salaries.....	662	657	542	650	2,311	5,604	5,861	5,899	5,755
Employer contributions for social insurance.....	101	106	133	171	1,624	3,805	3,970	3,565	3,042
Other labor income.....	561	551	409	479	687	1,799	1,891	2,334	2,713
<b>Income of unincorporated enterprises and inventory valuation adjustment</b> .....	14,759	11,540	5,599	10,387	13,010	30,835	35,265	34,433	38,380
Business and professional.....	8,791	7,410	3,166	5,351	8,442	19,011	21,321	19,948	21,649
Income of unincorporated enterprises.....	8,649	6,655	3,691	5,401	8,487	19,117	23,026	21,419	22,061
Inventory valuation adjustment.....	142	755	-525	-50	-45	-106	-1,705	-1,471	-412
Farm <sup>2</sup> .....	5,968	4,130	2,438	5,036	4,568	13,944	13,944	14,485	16,740
Rental income of persons.....	5,425	4,778	1,971	1,661	2,885	5,634	6,208	6,510	7,193
Corporate profits and inventory valuation adjustment.....	10,100	6,532	-1,992	2,918	9,120	18,413	17,288	23,626	30,619
Corporate profits before tax.....	9,628	3,322	151	3,145	9,320	18,977	22,551	29,525	32,769
Corporate profits tax liability.....	1,369	842	521	951	2,834	10,689	9,111	11,283	12,510
Corporate profits after tax.....	8,259	2,480	-370	2,194	6,486	8,288	13,440	18,242	20,259
Dividends.....	5,813	5,490	2,056	2,863	4,043	6,291	5,784	6,521	7,243
Undistributed profits.....	2,446	-3,010	-2,426	-669	2,443	3,597	7,656	11,721	13,011
Inventory valuation adjustment.....	472	3,260	-2,143	-227	-200	-564	-5,263	-5,899	-2,150
Net interest.....	6,445	5,985	5,042	4,751	4,490	3,185	3,119	3,842	4,608

ITEM	1949	1950	1951	1952	1953	1954	1955	1956	1957 (prel.)
<b>National income</b> .....	216,193	239,956	277,041	290,177	302,129	298,955	324,068	343,620	358,000
Compensation of employees.....	140,858	154,325	180,420	195,005	208,069	206,849	223,072	241,372	254,400
Wages and salaries.....	134,334	146,526	170,881	184,918	197,287	196,613	210,339	227,237	238,800
Private.....	113,873	124,297	142,050	151,987	163,466	161,183	174,446	189,383	199,000
Military.....	4,248	4,099	8,684	10,472	10,337	9,951	9,778	9,702	9,700
Government civilian <sup>1</sup> .....	10,213	17,230	20,147	22,459	23,454	24,379	26,115	28,152	30,100
Supplements to wages and salaries.....	6,524	7,799	9,539	10,177	10,782	11,336	12,733	14,135	15,600
Employer contributions for social insurance.....	3,503	3,976	4,753	4,861	4,788	5,122	5,816	6,616	7,700
Other labor income.....	3,021	3,823	4,786	5,316	5,994	6,214	6,917	7,519	8,000
<b>Income of unincorporated enterprises and inventory valuation adjustment</b> .....	34,140	36,140	40,809	40,852	39,171	38,560	39,191	39,617	40,800
Business and professional.....	21,431	22,855	24,701	25,732	25,908	25,876	27,339	28,017	28,709
Income of unincorporated enterprises.....	20,063	23,989	25,135	25,519	26,098	25,930	27,597	28,577	(?)
Inventory valuation adjustment.....	468	-1,134	-344	213	-190	-54	-258	-560	(?)
Farm <sup>2</sup> .....	12,718	13,285	16,018	15,120	13,263	12,684	11,852	11,600	12,100
Rental income of persons.....	7,874	8,473	9,129	9,906	10,152	10,585	10,204	10,322	10,400
Corporate profits and inventory valuation adjustment.....	28,141	35,106	39,913	36,903	36,042	33,134	40,724	40,449	39,700
Corporate profits before tax.....	26,198	39,970	41,173	35,036	37,039	33,452	42,473	43,008	41,200
Corporate profits tax liability.....	10,411	17,829	22,476	19,788	20,304	17,429	21,520	21,950	21,000
Corporate profits after tax.....	15,787	22,141	18,697	16,148	16,735	16,023	20,953	21,049	20,200
Dividends.....	7,458	9,207	9,090	9,000	9,310	9,874	11,048	11,874	12,100
Undistributed profits.....	8,329	12,934	9,607	7,148	7,425	6,149	9,905	9,175	8,100
Inventory valuation adjustment.....	1,943	-4,864	-1,260	967	-997	-318	-1,749	-2,559	-1,500
Net interest.....	6,171	5,912	6,770	7,421	8,695	9,827	10,777	11,860	12,800

<sup>1</sup> Comprises pay of employees of government enterprises and of permanent U. S. residents employed in U. S. by foreign governments and international organizations.

<sup>2</sup> Inventory valuation adjustment data for farms are not available separately.

<sup>3</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957 and February 1958.

## No. 387.—NATIONAL INCOME BY INDUSTRIAL ORIGIN: 1929 TO 1957

[In millions of dollars. National income (for definition, see text, p. 300) originating in each industry is the sum of factor costs incurred by the industry in production. Hence, it is net value added to production by industry, measured at factor costs]

INDUSTRIAL DIVISION	1929	1933	1940	1945	1950	1954	1955	1956	1957 (prel.)
All industries, total.....	87,814	40,159	81,634	181,248	239,956	298,955	324,068	343,620	358,000
Agriculture, forestry, and fisheries.....	8,278	3,713	6,247	14,889	17,232	16,892	16,166	16,084	16,800
Farms.....	8,083	3,590	6,073	14,526	16,673	16,138	15,377	15,209	(1)
Mining.....	2,048	647	1,868	2,717	4,998	4,868	5,447	6,050	6,200
Metal.....	466	38	440	334	693	733	994	1,123	(1)
Anthracite.....	284	130	138	219	277	159	139	166	(1)
Bituminous and other soft coal.....	649	257	621	1,195	1,701	1,143	1,266	1,480	(1)
Crude petroleum and natural gas.....	447	181	518	741	1,816	2,164	2,327	2,491	(1)
Nonmetallic mining and quarrying.....	202	41	151	228	511	669	721	790	(1)
Contract construction.....	3,808	755	2,569	4,280	11,461	15,459	16,564	17,704	18,200
Manufacturing.....	21,888	7,562	22,336	52,008	74,235	89,978	102,374	108,075	110,200
Food and kindred products.....	2,135	1,331	2,462	5,010	6,753	7,856	8,546	8,751	(1)
Tobacco manufactures.....	256	142	260	236	512	680	684	726	(1)
Textile-mill products.....	1,796	699	1,509	3,015	4,551	3,773	4,350	4,458	(1)
Apparel and other finished fabric products.....	1,262	542	1,138	2,914	3,424	3,775	4,026	4,363	(1)
Lumber and furniture products <sup>2</sup> .....	1,528	305	1,154	2,133	4,187	4,100	4,831	4,933	(1)
Paper and allied products.....	562	290	665	1,341	2,085	3,345	3,717	3,996	(1)
Printing, publishing, and allied industries.....	1,589	793	1,254	2,234	3,620	4,511	4,845	5,253	(1)
Chemicals and allied products <sup>2</sup> .....	1,129	621	1,488	3,221	5,103	6,303	7,506	7,878	(1)
Products of petroleum and coal <sup>2</sup> .....	917	76	639	1,244	2,889	3,396	3,029	3,854	(1)
Rubber products.....	355	102	321	928	1,045	1,389	1,651	1,829	(1)
Leather and leather products.....	602	271	461	925	1,132	1,322	1,386	1,436	(1)
Stone, clay, and glass products.....	799	208	760	1,146	2,631	3,137	3,748	3,984	(1)
Metals, metal products, and miscellaneous <sup>2</sup> .....	4,323	1,031	4,502	10,679	15,370	18,392	21,697	23,454	(1)
Machinery, except electrical <sup>2</sup> .....	1,890	424	2,179	5,084	7,247	9,585	10,351	12,143	(1)
Electrical machinery <sup>2</sup> .....	1,045	276	1,134	3,051	4,404	6,253	6,622	7,446	(1)
Transportation equipment, except automobiles.....	315	69	810	7,730	2,051	5,773	5,821	6,551	(1)
Automobiles and automobile equipment.....	1,385	382	1,000	1,117	6,631	6,888	8,964	7,020	(1)
Wholesale and retail trade.....	13,358	5,485	14,337	27,997	43,449	51,059	54,834	57,874	60,800
Wholesale trade.....	4,222	1,781	4,463	8,242	13,694	16,613	18,075	19,467	(1)
Retail trade and auto. services.....	9,136	3,704	9,874	19,755	29,755	34,446	36,759	38,407	(1)
Finance, insurance, and real estate <sup>2</sup> .....	12,693	5,745	8,208	12,830	20,671	28,105	29,333	30,932	32,400
Banking.....	1,957	495	981	1,829	2,893	4,411	4,806	5,255	(1)
Insurance carriers.....	888	571	893	1,077	2,250	3,250	3,433	3,405	(1)
Insurance agents and combination offices.....	421	289	405	568	1,057	1,412	1,498	1,638	(1)
Real estate.....	8,572	4,130	5,598	8,799	15,315	17,300	17,787	18,735	(1)
Transportation <sup>2</sup> .....	6,636	3,036	5,040	10,536	13,266	14,493	15,652	16,713	17,200
Railroads.....	4,597	1,866	2,944	6,009	7,109	6,553	6,912	7,254	(1)
Local and highway passenger transportation.....	825	450	526	1,306	1,336	1,382	1,376	1,422	(1)
Highway freight, etc.....	560	416	815	1,390	2,780	3,881	4,397	4,801	(1)
Water transportation.....	266	153	336	989	746	853	930	993	(1)
Communications and public utilities <sup>2</sup> .....	2,864	2,000	3,056	4,244	7,172	10,730	11,542	12,499	13,300
Telephone, telegraph, etc.....	1,125	691	1,025	1,751	2,958	4,308	4,803	5,258	(1)
Utilities: electric and gas.....	1,631	1,237	1,872	2,218	3,779	5,665	5,973	6,381	(1)
Services <sup>2</sup> .....	10,338	5,567	8,854	14,614	22,757	29,747	32,500	35,550	38,000
Hotels and other lodging places.....	699	271	530	1,085	1,309	1,528	1,613	1,716	(1)
Personal services.....	1,279	695	1,150	2,121	2,861	3,330	3,486	3,729	(1)
Private households.....	3,253	1,199	2,056	2,635	4,539	6,079	7,084	7,856	(1)
Medical and other health services.....	1,536	948	1,463	2,459	4,496	6,149	6,604	7,114	(1)
Legal services.....	689	561	719	930	1,317	1,550	1,628	1,704	(1)
Government and government enterprises.....	5,093	5,326	8,762	30,764	23,443	35,794	37,693	40,078	42,600
Federal—general government.....	879	1,164	3,489	29,786	10,649	17,621	18,177	18,798	(1)
Federal—government enterprises.....	581	485	746	1,248	1,897	2,852	2,521	2,672	(1)
State and local—general government.....	3,456	3,531	4,289	5,370	10,124	14,620	15,717	17,270	(1)
State and local—govt. enterprises.....	177	146	238	360	779	1,201	1,278	1,338	(1)
Rest of the world.....	810	323	357	369	1,266	1,830	1,963	2,061	2,400

<sup>1</sup> Not available.

<sup>2</sup> Data for 1929-1945 not comparable with those shown for later years.

<sup>3</sup> Includes items not shown separately.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957 and February 1958, and *National Income Supplement*, 1954.

### No. 388.—PERSONAL CONSUMPTION EXPENDITURES, BY TYPE OF PRODUCT: 1929 TO 1957

[In millions of dollars. Represents market value of purchases of goods and services by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. Includes rental value of owner-occupied houses, but not purchases of dwellings (which are classified as capital goods)]

TYPE OF PRODUCT	1929	1933	1940	1945	1950	1954	1955	1956	1957 (prel.)
<b>Total</b> .....	78,952	46,392	71,881	121,699	194,026	236,557	254,421	267,160	280,400
Durable commodities.....	9,212	3,469	7,771	8,105	28,608	29,354	35,649	33,948	35,160
Nondurable commodities.....	37,677	22,251	37,215	73,222	100,386	120,571	125,968	133,337	139,900
Services.....	32,063	20,672	26,895	40,372	65,032	86,632	92,804	99,875	105,400
Food <sup>1</sup> and tobacco.....	21,230	12,757	22,223	44,573	63,250	78,343	81,361	86,367	(2)
Clothing, accessories, and jewelry.....	11,193	5,438	8,857	19,706	22,705	24,504	25,048	27,017	(2)
Personal care.....	1,116	660	1,036	1,982	2,355	2,893	3,182	3,581	(2)
Housing.....	11,446	7,880	9,327	12,407	21,356	29,539	31,120	32,841	(2)
Household operation.....	10,735	6,466	10,479	15,580	27,414	30,854	33,912	36,113	(2)
Medical care and death expenses.....	3,544	2,370	3,533	5,756	9,257	11,765	12,501	13,405	(2)
Personal business.....	5,086	2,912	3,645	4,431	8,181	11,559	12,766	13,908	(2)
Transportation.....	7,612	3,987	7,143	6,845	23,225	26,797	32,194	30,314	(2)
Recreation.....	4,331	2,202	3,761	6,139	10,768	12,189	13,020	13,844	(2)
Private education and research.....	664	481	641	974	1,959	2,708	3,059	3,555	(2)
Religious and welfare activities.....	1,196	872	1,012	1,735	2,463	3,231	3,370	3,746	(2)
Foreign travel and remittances, net.....	799	367	223	1,621	1,093	2,175	2,288	2,399	(2)
<b>Percent</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Durable commodities.....	11.7	7.5	10.8	6.7	14.7	12.4	14.0	12.7	12.5
Nondurable commodities.....	47.7	48.0	51.8	60.2	51.7	51.0	49.5	49.9	49.9
Services.....	40.6	44.6	37.4	33.2	33.5	36.6	36.5	37.4	37.6
Food <sup>1</sup> and tobacco.....	26.9	27.5	30.9	36.6	32.6	33.1	32.0	32.3	(2)
Clothing, accessories, and jewelry.....	14.2	11.7	12.3	16.2	11.7	10.4	10.1	10.1	(2)
Personal care.....	1.4	1.4	1.4	1.6	1.2	1.2	1.3	1.3	(2)
Housing.....	14.5	17.0	13.0	10.2	11.0	12.5	12.2	12.3	(2)
Household operation.....	13.6	13.9	14.6	12.8	14.1	13.0	13.3	13.6	(2)
Medical care and death expenses.....	4.5	5.1	4.9	4.7	4.8	5.0	4.9	5.0	(2)
Personal business.....	6.4	6.3	5.1	3.6	4.2	4.9	5.0	5.2	(2)
Transportation.....	9.6	8.6	9.9	5.6	12.0	11.3	12.7	11.3	(2)
Recreation.....	5.5	4.7	5.2	5.0	5.5	5.2	5.1	5.2	(2)
Private education and research.....	0.8	1.0	0.9	0.8	1.0	1.1	1.2	1.3	(2)
Religious and welfare activities.....	1.5	1.9	1.4	1.4	1.3	1.4	1.3	1.4	(2)
Foreign travel and remittances, net.....	1.0	0.8	0.3	1.3	0.6	0.9	0.9	0.9	(2)

<sup>1</sup> Includes alcoholic beverages. <sup>2</sup> Not available.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business, July 1957 and February 1958, and *National Income Supplement*, 1954.

### No. 389.—DISPOSABLE PERSONAL INCOME AND PERSONAL CONSUMPTION EXPENDITURES IN CURRENT AND 1957 PRICES, AND PERSONAL NET SAVING IN CURRENT PRICES: 1929 TO 1957

ITEM	1929	1933	1940	1945	1950	1954	1955	1956	1957 (prel.)
<b>Disposable personal income:</b>									
Current prices.....bil. dol.	83.1	45.7	76.1	150.4	206.1	254.5	270.2	287.2	300.0
1957 prices <sup>1</sup> .....do.	136.0	99.2	152.5	234.6	240.5	265.9	283.2	295.7	300.0
<b>Per capita:</b>									
Current prices.....dol.	682	364	576	1,075	1,359	1,567	1,636	1,708	1,752
1957 prices <sup>1</sup> .....do.	1,116	790	1,154	1,677	1,586	1,637	1,714	1,764	1,752
<b>Personal consumption expenditures:</b>									
Current prices.....bil. dol.	79.0	46.4	71.9	121.7	194.0	236.6	254.4	267.2	280.4
1957 prices <sup>1</sup> .....do.	129.2	100.6	144.0	189.0	226.4	247.2	266.7	276.0	280.4
<b>Per capita:</b>									
Current prices.....dol.	648	369	544	870	1,279	1,456	1,539	1,589	1,638
1957 prices.....do.	1,061	800	1,090	1,357	1,492	1,521	1,613	1,642	1,633
<b>Personal net saving:</b>									
Current prices.....bil. dol.	4.2	—6	4.2	28.7	12.1	17.9	15.8	20.0	19.6
Percent of disposable personal income.....	5.0	—1.4	5.5	19.1	5.9	7.0	5.8	7.0	6.5
<b>Population<sup>2</sup></b> .....1,000.....	121,875	125,690	132,122	139,928	151,683	162,417	165,270	168,174	171,229

<sup>1</sup> Dollar estimates in current prices divided by consumer price index on a 1957 base.

<sup>2</sup> Continental U. S. including Armed Forces overseas, as of July 1.

Source: Department of Commerce, Office of Business Economics and Bureau of the Census; Department of Labor, Bureau of Labor Statistics; and Executive Office of the President, Council of Economic Advisers; published in *Economic Report of the President*, January 1958.

## No. 390.—SAVING BY INDIVIDUALS IN THE UNITED STATES: 1951 TO 1957

[In billions of dollars. Includes unincorporated business saving; excludes corporate and Government saving. For data prior to 1951, see 1955 *Statistical Abstract*, table 534]

TYPE	1951	1952	1953	1954	1955	1956	1957
Total gross saving.....	51.2	53.0	54.6	54.4	62.5	65.6	68.9
Net financial saving.....	10.9	13.0	10.7	9.0	7.5	13.3	16.3
Currency and deposits.....	6.0	7.1	4.9	5.4	4.4	4.7	6.0
Currency.....	.8	1.1	.6	-4.4	.4	(1)	(1)
Demand deposits.....	3.1	1.5	-2.1	1.1	.5	.4	-6
Time and savings deposits <sup>2</sup> .....	2.1	4.5	4.6	4.7	3.5	4.3	6.7
Savings and loan association shares.....	2.1	3.1	3.6	4.4	4.8	4.8	4.8
Securities.....	.4	3.3	3.4	.2	6.3	5.1	6.1
U. S. Savings bonds.....	-.5	.1	.2	.6	.3	-.1	-1.9
Other U. S. Government.....	-1.1	.3	.1	-1.6	1.3	1.4	1.9
State and local government.....	.4	1.0	1.8	.6	1.6	1.4	1.8
Corporate and other.....	1.6	2.0	1.3	.6	3.1	2.3	4.4
Private insurance and pension reserves.....	5.4	6.5	6.8	7.3	7.6	8.0	7.9
Insurance reserves.....	3.1	3.8	3.9	4.2	4.2	4.4	3.8
Insured pension reserves.....	1.0	1.1	1.1	1.2	1.3	1.2	1.4
Noninsured pension funds.....	1.4	1.6	1.7	1.9	2.1	2.4	2.7
Government insurance and pension reserves <sup>3</sup> .....	4.2	4.4	3.2	2.6	3.1	3.5	2.3
Increase in individuals' debts.....	7.3	11.5	11.4	11.0	18.7	12.9	10.8
Mortgage debt <sup>4</sup> .....	6.6	6.5	7.3	9.2	12.0	10.5	8.3
Consumer indebtedness <sup>5</sup> .....	1.0	4.4	3.6	1.0	6.1	3.1	2.6
Securities loans <sup>6</sup> .....	-.3	.6	.4	.9	.6	-.8	(1)
Nonfarm homes <sup>7</sup> .....	11.6	12.0	12.6	14.2	17.3	16.2	15.2
Construction and equipment of nonprofit institutions.....	1.5	1.4	1.5	1.9	2.0	2.1	2.4
Consumer durable goods.....	27.1	26.6	29.8	29.4	35.7	34.0	35.0

<sup>1</sup> Less than \$50,000,000.

<sup>2</sup> Includes shares and deposits in credit unions and Postal Savings System.

<sup>3</sup> Includes Social Security funds, State and local retirement systems, etc.

<sup>4</sup> Mortgage debt to institutions on 1- to 4-family nonfarm dwellings.

<sup>5</sup> Consumer debt owed to corporations, largely attributable to purchases of automobiles and other durable consumer goods, although including some debt arising from purchases of consumption goods. Policy loans on Government and private life insurance have been deducted from those items of saving.

<sup>6</sup> Change in bank loans made for the purpose of purchasing or carrying securities.

<sup>7</sup> Construction of 1- to 4-family nonfarm dwellings less net acquisitions of properties by nonindividuals.

Source: Securities and Exchange Commission; data are published quarterly in *Volume and Composition of Individuals' Saving*, and in the *Statistical Bulletin*.

## No. 391.—COMPONENTS OF PERSONAL SAVING: 1946 TO 1957

[In billions of dollars. The SEC and OBE personal savings tables (390 and 391) differ in (a) the definition of savings, (b) statistical methodologies of measuring savings, and (c) the treatment of uninsured pension funds. For example, conceptually, SEC gross savings includes, and OBE personal savings excludes, consumer durable goods and Government insurance funds]

ITEM	ANNUAL AVERAGES		1956	1957
	1946-1949	1950-1955		
Personal saving.....	8.6	17.0	20.0	20.2
Gross investment in physical assets.....	14.8	26.6	29.2	30.2
Housing (nonfarm).....	6.0	11.8	14.1	13.1
Other.....	8.8	14.8	15.1	17.1
Depreciation.....	7.8	11.8	14.1	15.1
Housing (nonfarm).....	2.1	3.0	3.9	4.0
Other.....	5.7	8.8	10.2	11.1
Net investment.....	7.0	14.8	15.1	15.1
Housing (nonfarm).....	3.9	8.8	10.2	9.1
Other.....	3.1	6.0	4.9	6.0
Increase in financial assets.....	9.8	16.9	23.1	24.7
Currency and checking accounts.....	.0	2.0	.4	-.6
Savings accounts.....	3.6	6.3	9.1	11.5
U. S. savings bonds.....	1.6	.3	-.2	-2.2
Private insurance.....	3.6	4.8	5.6	5.2
Marketable securities.....	1.0	3.5	8.2	10.8
Net investment and increase in financial assets.....	16.8	31.7	38.2	39.8
Increase in debt.....	9.6	14.7	20.8	17.0
Mortgage.....	4.2	8.0	10.4	8.2
Consumer.....	2.4	2.9	3.1	2.6
Other.....	3.0	3.8	7.3	6.2
Errors and omissions.....	-1.3	-.1	-2.6	2.5

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, December 1957.

No. 392.—FLOW OF FUNDS—SUMMARY: 1956  
 [Annual flows, in billions of dollars. For explanation of general concepts, see text, p. 300]

ITEM	TOTAL <sup>1</sup>		CONSUMER		BUSINESS				GOVERNMENT		FINANCIAL INSTITUTIONS				REST OF THE WORLD	
	Sources	Uses	Sources	Uses	Corporate	Noncorporate	Farm	Federal	State and local	Banking	Insurance	Other	Sources	Uses	Sources	Uses
<b>Total</b>	1,550.8	1,550.8	375.3	375.9	651.5	249.3	33.5	84.9	52.9	15.2	39.5	22.4	25.8	25.8	22.2	23.5
<b>Nonfinancial</b>	1,503.6	1,503.7	362.1	356.9	636.5	246.4	32.8	83.5	49.5	9.0	39.1	16.8	22.2	22.2	22.2	23.5
Payroll	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4
Receipts from and payments on investment	122.4	122.4	71.1	20.4	11.4	24.9	20.6	46.8	1.0	14.2	1.3	6.2	1.4	1.4	1.4	1.4
Insurance and grants	103.3	103.7	31.4	27.5	1.7	13.8	1.4	4.7	1.4	8.0	4.8	7.7	2.5	2.5	2.5	2.7
Taxes and tax refunds	102.7	102.4	3.2	46.8	1.4	42.0	1.4	19.4	14.7	14.4	34.2	21.3	6.4	1.5	2.6	3.3
Capital acquisitions	31.5	144.0	30.8	80.7	2.3	36.1	2.9	7.9	26.6	1.1	1.0	1.1	1.0	1.0	1.0	1.0
Net change in inventories	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Net fixed capital	104.1	104.1	34.6	9.9	30.7	7.3	3.2	2.8	11.2	3.3	4.4	2.8	2.8	2.8	2.8	2.8
Other capital acquisitions	34.5	35.3	30.8	33.8	2.1	2.9	4.1	2.8	10.0	3.3	1.1	2.8	2.8	2.8	2.8	2.8
Other purchases and sales	915.3	805.8	179.2	622.7	397.7	221.6	147.3	30.7	7.1	1.2	4.2	6.3	4.5	19.0	20.5	19.0
<b>Financial</b>	46.6	49.1	13.3	18.8	14.9	3.5	2.9	1.1	3.4	1.9	6.1	6.8	3.8	8.2	7.1	6.9
Currency and demand deposits	1.8	1.2	1.8	1.2	1.8	1.2	1.8	1.2	1.8	1.2	1.8	1.2	1.8	1.2	1.8	1.2
Time and savings deposits	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Federal obligations	6.0	6.4	2.3	2.3	4.6	6.6	1.7	6.0	3.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8
State and local obligations	3.4	3.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Corporate securities	8.9	8.9	3.8	3.8	7.2	1.1	3.3	6.0	3.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Mortgages	14.8	14.8	9.7	1.8	1.2	3.1	3.3	2.8	3.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Consumer credit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Other trade credit	1.9	7.0	1.9	7.0	1.9	7.0	1.9	7.0	1.9	7.0	1.9	7.0	1.9	7.0	1.9	7.0
Bank loans n. e. c.	4.9	4.8	4.9	4.8	4.9	4.8	4.9	4.8	4.9	4.8	4.9	4.8	4.9	4.8	4.9	4.8
Gold and Treasury currency	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Savings shares	3.8	2.3	3.8	2.3	3.8	2.3	3.8	2.3	3.8	2.3	3.8	2.3	3.8	2.3	3.8	2.3
Other	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
<b>Valuation adjustment and discrepancy</b>	-5	-2.1	5	1	-1.9	4	-	-	-1.0	4	5	-1.3	-	-	-	-
<b>Memoranda:</b>																
Gross national product identifiable in total nonfinancial uses	400.1	250.9	40.0	8.1	4.7	46.8	32.0	2.0	14.2	1.1	1.4	1.4	1.4	1.4	1.4	1.4
Bank credit in total financial transactions	6.6	6.3	4.2	2.1	-3	-3.8	2	6.3	1	1	1	1	1	1	1	1

<sup>1</sup> Differences in total sources and uses of funds for transaction categories result from valuation, timing, and classification differences and from statistical discrepancies.  
<sup>2</sup> Less than \$60 million.  
<sup>3</sup> Consists of purchases of new durable goods (\$33.1 billion) and new houses (\$32.8 billion).  
<sup>4</sup> Financial sources of funds represent net changes in liabilities; financial uses, net changes in financial assets.

Source: Board of Governors of the Federal Reserve System. For description of sectors and types of transactions, see *Federal Reserve Bulletin*, April 1957, and *Flow of Funds in the United States, 1929-53*.



## No. 393.—PERSONAL INCOME, BY STATES AND FOR HAWAII: 1929 TO 1956

[State personal income is a measure of current income received from all sources during the calendar year by the residents of each State. Excludes amounts disbursed by the Federal Government to its civilian and military personnel outside continental United States. See text, p. 300]

STATE	AMOUNT (millions of dollars)						PER CAPITA (dollars)					
	1929	1940	1950	1954	1955	1956	1929	1940	1950	1954	1955	1956
<b>Continental United States.....</b>	<b>85,661</b>	<b>78,522</b>	<b>225,473</b>	<b>284,823</b>	<b>303,268</b>	<b>324,281</b>	<b>703</b>	<b>595</b>	<b>1,491</b>	<b>1,767</b>	<b>1,846</b>	<b>1,940</b>
<b>New England.....</b>	<b>7,125</b>	<b>6,398</b>	<b>15,180</b>	<b>18,829</b>	<b>20,006</b>	<b>21,385</b>	<b>876</b>	<b>757</b>	<b>1,628</b>	<b>1,853</b>	<b>2,080</b>	<b>2,202</b>
Maine.....	479	444	1,087	1,808	1,430	1,517	601	523	1,188	1,452	1,588	1,687
New Hampshire.....	322	285	699	894	955	1,015	690	579	1,314	1,020	1,727	1,812
Vermont.....	225	184	448	544	571	607	827	507	1,185	1,455	1,543	1,641
Massachusetts.....	3,862	3,385	7,799	9,400	9,950	10,614	913	784	1,662	1,947	2,085	2,206
Rhode Island.....	596	534	1,287	1,512	1,583	1,686	871	743	1,644	1,874	1,933	2,012
Connecticut.....	1,641	1,566	3,860	5,171	5,508	5,966	1,029	917	1,908	2,375	2,504	2,673
<b>Middle Atlantic.....</b>	<b>25,350</b>	<b>21,563</b>	<b>53,230</b>	<b>65,242</b>	<b>68,937</b>	<b>74,006</b>	<b>979</b>	<b>783</b>	<b>1,758</b>	<b>2,045</b>	<b>2,138</b>	<b>2,273</b>
New York.....	14,105	11,713	28,054	34,104	36,112	38,784	1,153	870	1,883	2,155	2,254	2,395
New Jersey.....	3,714	3,433	8,699	11,575	12,242	13,202	931	822	1,792	2,218	2,299	2,443
Pennsylvania.....	7,531	6,417	16,477	19,563	20,583	22,020	775	648	1,566	1,802	1,889	2,008
<b>East North Central.....</b>	<b>20,235</b>	<b>17,813</b>	<b>50,744</b>	<b>64,814</b>	<b>69,520</b>	<b>73,874</b>	<b>863</b>	<b>667</b>	<b>1,661</b>	<b>1,968</b>	<b>2,069</b>	<b>2,159</b>
Ohio.....	5,173	4,606	12,891	17,202	18,376	19,594	781	665	1,614	1,945	2,054	2,154
Indiana.....	1,975	1,898	6,006	7,602	8,147	8,589	612	553	1,321	1,793	1,882	1,946
Illinois.....	7,280	5,964	15,984	19,713	20,865	22,422	957	754	1,822	2,154	2,243	2,383
Michigan.....	3,803	3,610	10,803	14,136	15,617	16,206	793	679	1,684	1,998	2,132	2,166
Wisconsin.....	2,001	1,740	5,060	6,161	6,515	7,016	682	554	1,467	1,697	1,760	1,864
<b>West North Central.....</b>	<b>7,584</b>	<b>6,515</b>	<b>19,854</b>	<b>24,031</b>	<b>24,344</b>	<b>25,583</b>	<b>572</b>	<b>483</b>	<b>1,408</b>	<b>1,645</b>	<b>1,640</b>	<b>1,699</b>
Minnesota.....	1,539	1,407	4,184	5,142	5,344	5,587	508	426	1,397	1,642	1,675	1,745
Iowa.....	1,419	1,272	3,799	4,478	4,219	4,445	577	501	1,447	1,680	1,580	1,651
Missouri.....	2,275	1,982	5,705	7,044	7,502	7,904	638	524	1,443	1,708	1,736	1,858
North Dakota.....	253	224	781	777	866	897	375	350	1,260	1,222	1,247	1,365
South Dakota.....	288	230	793	911	855	926	417	359	1,213	1,354	1,342	1,330
Nebraska.....	811	578	1,949	2,255	2,161	2,246	590	439	1,468	1,659	1,560	1,538
Kansas.....	999	762	2,643	3,424	3,397	3,508	535	426	1,374	1,693	1,649	1,668
<b>South Atlantic.....</b>	<b>7,247</b>	<b>8,227</b>	<b>25,564</b>	<b>32,675</b>	<b>35,395</b>	<b>38,212</b>	<b>462</b>	<b>459</b>	<b>1,203</b>	<b>1,431</b>	<b>1,510</b>	<b>1,594</b>
Delaware.....	240	270	689	906	1,005	1,149	1,017	1,004	2,153	2,455	2,577	2,725
Maryland.....	1,260	1,309	3,755	5,057	5,421	5,911	777	712	1,588	1,941	1,976	2,102
Dist. of Col.....	615	807	1,774	1,889	2,000	2,053	1,273	1,170	2,128	2,225	2,334	2,371
Virginia.....	1,054	1,267	4,024	5,232	5,536	6,012	435	466	1,222	1,494	1,547	1,647
West Virginia.....	794	777	2,203	2,411	2,546	2,815	462	407	1,095	1,211	1,283	1,420
North Carolina.....	1,046	1,171	4,108	5,009	5,446	5,770	334	328	1,009	1,185	1,254	1,305
South Carolina.....	470	584	1,869	2,405	2,579	2,665	270	307	881	1,061	1,117	1,133
Georgia.....	1,015	1,060	3,510	4,417	4,809	5,195	350	340	1,016	1,217	1,338	1,409
Florida.....	753	982	3,632	5,349	5,963	6,641	521	513	1,288	1,578	1,666	1,762
<b>East South Central.....</b>	<b>3,428</b>	<b>3,184</b>	<b>10,371</b>	<b>12,740</b>	<b>13,800</b>	<b>14,462</b>	<b>348</b>	<b>294</b>	<b>901</b>	<b>1,102</b>	<b>1,183</b>	<b>1,232</b>
Kentucky.....	1,020	914	2,834	3,613	3,755	3,995	391	320	958	1,207	1,247	1,324
Tennessee.....	982	995	3,288	4,048	4,317	4,566	377	339	995	1,203	1,264	1,317
Alabama.....	856	801	2,659	3,254	3,586	3,854	324	282	867	1,059	1,185	1,229
Mississippi.....	570	474	1,590	1,825	2,042	2,047	285	218	729	856	957	964
<b>West South Central.....</b>	<b>5,259</b>	<b>5,005</b>	<b>17,355</b>	<b>22,051</b>	<b>23,365</b>	<b>24,847</b>	<b>436</b>	<b>383</b>	<b>1,192</b>	<b>1,437</b>	<b>1,489</b>	<b>1,555</b>
Arkansas.....	564	501	1,539	1,778	1,930	1,974	305	256	805	984	1,071	1,088
Louisiana.....	866	861	2,937	3,751	3,944	4,338	415	363	1,089	1,299	1,344	1,444
Oklahoma.....	1,077	867	2,614	3,156	3,312	3,491	454	373	1,133	1,444	1,499	1,601
Texas.....	2,752	2,776	10,375	13,366	14,179	15,044	478	432	1,340	1,580	1,621	1,686
<b>Mountain.....</b>	<b>2,118</b>	<b>2,144</b>	<b>7,101</b>	<b>9,231</b>	<b>9,919</b>	<b>10,741</b>	<b>580</b>	<b>516</b>	<b>1,389</b>	<b>1,625</b>	<b>1,672</b>	<b>1,753</b>
Montana.....	312	318	957	1,064	1,141	1,188	595	570	1,366	1,719	1,814	1,862
Idaho.....	225	242	757	880	897	992	503	464	1,279	1,472	1,466	1,587
Wyoming.....	151	152	474	533	562	602	677	608	1,629	1,789	1,801	1,875
Colorado.....	642	617	1,930	2,536	2,756	3,003	637	546	1,446	1,700	1,782	1,863
New Mexico.....	171	199	798	1,073	1,129	1,218	407	375	1,163	1,395	1,424	1,494
Arizona.....	254	245	979	1,497	1,623	1,816	591	497	1,297	1,610	1,612	1,718
Utah.....	284	269	892	1,140	1,235	1,326	559	487	1,283	1,496	1,550	1,638
Nevada.....	79	99	314	608	576	596	878	876	1,938	2,396	2,451	2,413
<b>Pacific.....</b>	<b>7,315</b>	<b>7,668</b>	<b>26,064</b>	<b>35,210</b>	<b>37,982</b>	<b>41,171</b>	<b>911</b>	<b>784</b>	<b>1,793</b>	<b>2,111</b>	<b>2,201</b>	<b>2,311</b>
Washington.....	1,166	1,152	3,986	4,995	5,161	5,392	750	662	1,671	1,977	1,980	2,022
Oregon.....	647	677	2,451	2,881	3,073	3,278	683	623	1,602	1,748	1,824	1,908
California.....	5,502	5,839	19,627	27,334	29,748	32,501	995	848	2,182	2,185	2,295	2,419
<b>Hawaii.....</b>	<b>-----</b>	<b>246</b>	<b>689</b>	<b>886</b>	<b>946</b>	<b>1,016</b>	<b>-----</b>	<b>577</b>	<b>1,403</b>	<b>1,704</b>	<b>1,720</b>	<b>1,773</b>

Source: Department of Commerce, Office of Business Economics; *Personal Income by States*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, August 1957.

[In millions of dollars.]

WAGE AND SALARY DISBURSEMENTS												
STATE	Personal income, total	Total	Farms	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation	Communications and public utilities	Services	
Continental United States.....	324, 281	224, 635	2, 761	4, 088	13, 326	77, 629	39, 937	9, 648	13, 344	6, 782	21, 417	
New England.....	21, 385	15, 032	121	28	808	6, 413	2, 493	714	541	451	1, 440	
Maine.....	1, 517	994	22	2	53	389	163	31	51	31	74	
New Hampshire.....	1, 015	685	7	1	38	298	99	24	24	23	62	
Vermont.....	607	394	20	5	17	147	60	13	23	12	42	
Massachusetts.....	10, 614	7, 481	36	13	372	2, 971	1, 350	377	282	239	778	
Rhode Island.....	1, 666	1, 198	3	1	54	486	188	49	36	36	101	
Connecticut.....	5, 966	4, 280	32	6	275	2, 120	633	220	125	110	393	
Middle Atlantic.....	74, 006	52, 846	241	529	2, 739	19, 874	9, 790	2, 878	3, 087	1, 714	5, 635	
New York.....	38, 784	27, 354	110	66	1, 350	8, 719	5, 694	1, 913	1, 488	955	3, 437	
New Jersey.....	13, 202	9, 652	49	26	574	4, 252	1, 529	403	552	288	908	
Pennsylvania.....	22, 020	15, 840	82	437	815	6, 903	2, 507	562	1, 047	471	1, 290	
East North Central.....	73, 874	53, 278	313	438	3, 149	24, 691	8, 753	1, 831	2, 877	1, 426	4, 179	
Ohio.....	19, 594	14, 865	62	110	826	6, 970	2, 266	439	825	345	1, 036	
Indiana.....	8, 586	6, 162	48	54	372	3, 000	969	191	359	155	375	
Illinois.....	22, 472	16, 134	80	160	1, 015	6, 442	2, 980	724	1, 054	467	1, 501	
Michigan.....	16, 206	11, 894	57	94	656	6, 066	1, 767	318	425	328	910	
Wisconsin.....	7, 016	4, 733	66	20	281	2, 213	770	158	215	130	357	
West North Central.....	25, 583	15, 653	290	265	1, 022	4, 321	3, 246	703	1, 330	535	1, 454	
Minnesota.....	5, 657	3, 584	55	98	255	1, 004	748	165	306	106	344	
Iowa.....	4, 445	2, 417	63	14	146	751	506	106	156	90	213	
Missouri.....	7, 904	5, 208	52	38	318	1, 681	1, 096	247	442	182	483	
North Dakota.....	897	433	31	9	37	21	116	17	48	18	49	
South Dakota.....	926	471	22	11	36	47	110	20	24	17	57	
Nebraska.....	2, 246	1, 318	35	10	82	242	289	78	136	43	129	
Kansas.....	3, 508	2, 223	33	85	149	575	381	70	218	80	178	
South Atlantic.....	38, 212	26, 421	397	574	1, 620	6, 912	4, 434	1, 064	1, 549	715	2, 574	
Delaware.....	1, 149	762	9	(3)	88	342	93	26	39	14	62	
Maryland.....	5, 911	4, 393	33	11	310	1, 231	692	173	259	125	420	
Dist. of Col.....	2, 058	1, 413	---	---	46	44	219	54	53	40	202	
Virginia.....	6, 012	4, 444	57	71	251	930	690	168	298	106	362	
West Virginia.....	2, 815	2, 001	11	420	90	599	268	47	155	82	129	
North Carolina.....	5, 770	3, 792	89	14	173	1, 449	625	130	194	84	335	
South Carolina.....	2, 065	1, 557	38	5	85	720	262	70	60	40	145	
Georgia.....	5, 196	3, 597	71	19	168	1, 080	662	164	216	103	332	
Florida.....	6, 641	4, 162	89	34	409	517	923	232	275	121	587	
East South Central.....	14, 462	9, 519	173	287	502	3, 015	1, 600	354	585	261	900	
Kentucky.....	3, 995	2, 585	36	170	147	772	425	78	192	75	230	
Tennessee.....	4, 566	3, 090	37	34	161	1, 079	557	125	193	70	308	
Alabama.....	3, 854	2, 649	42	66	143	857	399	108	139	74	243	
Mississippi.....	2, 047	1, 195	58	17	51	307	209	43	61	42	119	
West South Central.....	24, 847	16, 450	398	1, 230	1, 028	3, 376	3, 110	663	1, 183	572	1, 597	
Arkansas.....	1, 974	1, 153	73	28	50	276	207	37	92	44	105	
Louisiana.....	4, 338	2, 947	44	241	215	609	536	110	235	105	311	
Oklahoma.....	8, 491	2, 246	36	267	128	391	409	83	134	87	202	
Texas.....	16, 044	10, 104	245	694	635	2, 100	1, 958	433	722	336	979	
Mountain.....	10, 741	7, 165	248	504	570	1, 027	1, 337	246	548	261	708	
Montana.....	1, 188	715	29	67	54	101	140	21	83	26	62	
Idaho.....	992	604	38	24	48	119	119	18	49	22	55	
Wyoming.....	602	406	20	48	32	33	58	11	55	12	33	
Colorado.....	3, 003	1, 967	37	78	146	318	415	82	144	73	162	
New Mexico.....	1, 218	874	34	85	66	95	132	25	49	38	83	
Arizona.....	1, 816	1, 226	68	95	109	173	220	44	59	48	115	
Utah.....	1, 326	942	13	81	74	159	180	35	77	30	65	
Nevada.....	590	431	9	26	41	29	73	10	32	12	103	
Pacific.....	41, 171	28, 274	580	231	1, 885	8, 001	5, 236	1, 193	1, 645	846	2, 930	
Washington.....	5, 392	3, 714	68	13	286	1, 038	695	142	253	90	302	
Oregon.....	3, 278	2, 140	54	6	120	684	437	77	162	76	190	
California.....	32, 501	22, 420	458	212	1, 529	6, 279	4, 104	974	1, 230	680	2, 438	
Hawaii.....	1, 016	767	69	1	38	66	107	18	33	18	63	

<sup>1</sup> Comprises agricultural and similar service establishments, forestry, fisheries, and rest of world.

<sup>2</sup> Comprises employer contributions to private pension, health, and welfare funds; compensation for injuries; pay of military reservists; directors' fees; and several other minor items.

## SOURCES, BY STATES AND FOR HAWAII: 1956

See headnote, table 393]

WAGE AND SALARY DISBURSEMENTS—Con.				Other labor income <sup>2</sup>	PROPRIETORS' INCOME		Property income	Transfer payments	Less: Personal contributions for social insurance	Farm income	Government income disbursements	Private non-farm income	
Federal Government		State and local governments	Other <sup>1</sup>		Farm	Non-farm							
Civilian	Military												
10,270	7,492	17,469	472	7,519	11,600	28,017	39,795	18,425	5,706	14,341	53,559	256,381	1
506	424	1,041	52	466	196	1,501	3,173	1,370	354	316	3,351	17,718	2
46	56	70	6	26	68	146	197	111	25	90	285	1,142	3
33	23	50	1	20	19	84	153	71	17	27	177	811	4
14	7	32	1	13	21	56	89	44	10	41	99	467	5
288	184	562	20	236	36	691	1,604	745	179	72	1,779	8,763	6
64	105	73	3	86	7	107	229	124	35	10	364	1,292	7
62	48	255	12	137	45	417	901	274	88	76	647	5,243	8
1,690	664	3,992	76	1,859	604	5,767	10,171	4,089	1,330	843	10,491	62,672	9
844	318	2,420	41	864	256	3,115	5,840	2,076	721	365	5,655	32,763	10
261	182	613	15	367	111	1,091	1,548	665	222	159	1,737	11,306	11
585	164	959	20	638	237	1,561	2,783	1,348	387	319	3,098	18,603	12
1,324	613	3,622	63	2,077	2,219	5,827	8,077	3,587	1,189	2,530	9,264	62,080	13
450	145	870	20	574	386	1,459	2,208	946	343	447	2,412	16,735	14
153	57	410	8	260	366	701	811	432	135	414	1,069	7,103	15
434	268	990	19	533	746	1,782	2,627	1,013	364	825	2,767	18,880	16
194	101	971	8	543	292	1,263	1,635	819	239	348	2,107	13,751	17
93	43	381	6	167	430	622	796	377	109	496	909	5,611	18
625	431	1,402	30	471	2,419	2,674	3,263	1,532	427	2,707	4,158	18,718	19
106	42	344	9	107	542	624	661	340	99	697	839	4,221	20
80	27	259	7	73	651	502	611	262	70	713	682	3,050	21
198	129	335	7	162	457	752	966	486	127	509	1,164	6,231	22
25	7	56	(3)	13	223	97	95	50	15	254	151	492	23
37	26	64	1	12	163	115	123	58	15	184	202	540	24
78	53	141	3	34	218	261	324	180	38	253	436	1,557	25
100	147	203	3	70	164	423	482	207	62	197	684	2,627	26
2,544	2,036	1,918	78	735	1,840	3,288	4,391	2,248	708	2,234	8,592	27,386	27
16	29	42	1	31	81	68	230	41	14	40	130	979	28
555	292	278	13	117	78	449	716	283	125	111	1,376	4,424	29
603	80	65	5	21	-----	148	350	183	62	-----	914	1,139	30
655	548	298	11	104	246	457	608	288	135	302	1,757	3,953	31
42	17	140	1	135	64	203	262	199	48	75	407	2,333	32
122	269	300	7	96	613	518	531	308	87	702	984	4,084	33
100	186	142	3	48	175	218	248	161	41	213	584	1,868	34
236	268	262	16	91	292	502	488	316	90	362	1,064	3,770	35
215	347	391	21	92	341	725	958	469	106	429	1,376	4,836	36
615	440	770	15	330	1,107	1,367	1,366	1,036	263	1,281	2,854	10,327	37
120	149	186	4	102	348	334	406	289	70	385	740	2,804	38
183	92	238	3	100	271	432	448	305	80	308	807	3,451	39
240	116	218	3	91	216	367	329	280	77	258	849	2,747	40
72	83	128	5	37	272	234	183	162	36	330	452	1,265	41
879	1,044	1,329	39	592	1,121	2,634	2,938	1,522	410	1,516	4,732	18,599	42
66	78	93	5	39	272	172	203	168	33	344	408	1,222	43
105	138	286	10	115	178	405	453	312	71	222	834	3,282	44
182	123	197	6	80	115	406	426	278	60	151	783	2,557	45
526	705	753	18	358	556	1,651	1,856	764	246	799	2,707	11,538	46
569	444	692	7	200	664	1,070	1,214	639	209	910	2,325	7,506	47
36	22	73	(3)	23	161	118	125	69	22	190	208	790	48
32	18	60	1	17	136	103	91	61	20	174	171	647	49
25	37	42	-----	15	35	55	75	30	13	54	136	412	50
156	148	176	1	59	77	331	426	206	53	113	679	2,211	51
90	87	87	2	23	48	118	111	68	23	81	326	811	52
81	85	127	2	31	143	166	183	101	34	212	385	1,219	53
121	19	88	1	30	52	121	135	78	33	65	301	960	54
28	28	39	(3)	11	12	58	68	26	11	21	119	456	55
1,516	1,393	2,705	111	787	1,429	3,891	5,202	2,402	813	2,004	7,792	31,375	56
268	236	359	14	100	193	490	624	374	103	260	1,227	3,905	57
90	27	210	6	62	162	405	385	205	60	216	534	2,528	58
1,158	1,130	2,136	91	625	1,074	2,996	4,213	1,823	650	1,528	6,031	24,942	59
114	105	73	2	27	10	81	105	45	19	85	397	534	60

<sup>1</sup> Less than \$500,000.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1957.

# No. 395.—PERSONAL INCOME—CHANGES IN TOTAL AND PER CAPITA PERSONAL INCOME, BY STATES AND FOR HAWAII: 1929 TO 1956

[See base data and headnote, table 393]

STATE	TOTAL PERSONAL INCOME						PER CAPITA PERSONAL INCOME							
	Percent of continental United States					Percent increase		Percent of continental United States					Percent increase	
	1929	1940	1950	1955	1956	1929 to 1956	1950 to 1956	1929	1940	1950	1955	1956	1929 to 1956	1950 to 1956
Continental United States.....	100.00	100.00	100.00	100.00	100.00	279	44	100	100	100	100	100	176	30
New England.....	8.32	8.15	6.73	6.60	6.59	200	41	125	127	109	113	114	151	35
Maine.....	0.56	0.57	0.48	0.47	0.47	217	40	85	88	80	86	86	177	40
New Hampshire.....	0.38	0.36	0.31	0.31	0.31	215	45	98	97	88	94	93	163	34
Vermont.....	0.25	0.23	0.20	0.19	0.19	170	35	80	85	70	84	85	162	38
Massachusetts.....	4.51	4.32	3.45	3.28	3.27	175	36	130	132	111	113	114	142	31
Rhode Island.....	0.69	0.68	0.57	0.52	0.51	180	29	124	125	110	105	104	131	22
Connecticut.....	1.92	1.99	1.72	1.82	1.84	264	55	146	154	128	136	138	160	49
Middle Atlantic.....	29.60	27.46	23.61	22.73	22.82	192	39	139	132	118	116	117	132	29
New York.....	16.47	14.92	12.43	11.91	11.96	175	38	165	146	126	122	123	107	27
New Jersey.....	4.33	4.37	3.86	4.04	4.07	255	52	132	138	120	125	126	162	36
Pennsylvania.....	8.79	8.17	7.30	6.79	6.79	192	34	110	109	105	102	104	159	28
East North Central.....	23.62	22.69	22.51	22.92	22.78	265	46	114	112	111	112	111	169	30
Ohio.....	6.04	5.86	6.72	6.06	6.04	278	52	111	112	108	111	111	176	33
Indiana.....	2.30	2.42	2.66	2.69	2.65	335	43	87	93	102	102	100	218	28
Illinois.....	8.50	7.59	7.10	6.88	6.93	209	41	136	127	123	122	123	149	30
Michigan.....	4.44	4.60	4.79	5.15	5.00	326	50	113	114	113	115	111	172	28
Wisconsin.....	2.33	2.22	2.24	2.15	2.16	251	39	97	93	98	95	96	173	27
West North Central.....	8.85	8.30	8.80	8.03	7.89	237	29	81	81	94	89	88	197	21
Minnesota.....	1.80	1.87	1.86	1.76	1.74	268	35	85	88	94	91	90	192	25
Iowa.....	1.66	1.62	1.68	1.39	1.37	213	17	82	84	97	86	85	186	14
Missouri.....	2.66	2.62	2.53	2.47	2.44	241	39	80	88	97	97	96	190	29
North Dakota.....	0.30	0.29	0.35	0.29	0.28	255	15	53	50	85	73	70	204	8
South Dakota.....	0.34	0.29	0.35	0.28	0.29	222	17	50	60	81	68	69	219	10
Nebraska.....	0.95	0.74	0.86	0.71	0.69	177	15	84	74	98	84	82	169	8
Kansas.....	1.16	0.97	1.17	1.12	1.08	251	33	76	72	92	89	86	212	21
South Atlantic.....	8.46	10.48	11.34	11.67	11.78	427	49	66	77	81	82	82	245	33
Delaware.....	0.28	0.34	0.31	0.33	0.35	379	67	145	160	144	140	147	181	33
Maryland.....	1.47	1.67	1.67	1.79	1.82	369	57	111	120	107	107	108	171	32
Dist. of Columbia.....	0.72	1.03	0.79	0.68	0.63	234	16	181	197	147	126	122	86	8
Virginia.....	1.23	1.62	1.78	1.83	1.85	470	49	62	78	82	84	85	270	35
West Virginia.....	0.93	0.99	0.98	0.84	0.87	255	28	66	68	73	70	73	207	30
North Carolina.....	1.22	1.49	1.82	1.80	1.78	452	30	48	55	68	68	67	291	29
South Carolina.....	0.55	0.74	0.83	0.85	0.82	467	43	38	52	59	61	58	320	29
Georgia.....	1.18	1.35	1.56	1.02	1.00	412	48	50	57	68	72	72	300	33
Florida.....	0.88	1.25	1.61	1.97	2.05	782	83	74	80	86	90	91	233	37
East South Central.....	4.00	4.05	4.60	4.55	4.46	322	39	50	49	60	64	64	254	37
Kentucky.....	1.19	1.16	1.26	1.24	1.23	292	41	56	54	64	68	68	239	38
Tennessee.....	1.15	1.27	1.46	1.42	1.41	365	39	54	57	67	68	68	249	32
Alabama.....	1.00	1.02	1.18	1.22	1.19	350	45	46	47	58	64	63	279	42
Mississippi.....	0.67	0.60	0.71	0.67	0.63	259	29	41	37	49	52	50	238	32
West South Central.....	6.14	6.37	7.70	7.70	7.66	372	43	62	64	80	81	80	257	30
Arkansas.....	0.66	0.64	0.68	0.64	0.61	250	28	43	43	54	53	53	257	35
Louisiana.....	1.01	1.10	1.30	1.30	1.34	401	48	59	61	73	73	74	248	33
Oklahoma.....	1.20	1.10	1.11	1.09	1.08	224	39	65	63	76	81	80	244	28
Texas.....	3.21	3.54	4.61	4.68	4.64	447	45	68	73	90	88	87	253	25
Mountain.....	2.47	2.73	3.15	3.27	3.31	407	51	83	87	93	91	90	202	25
Montana.....	0.39	0.40	0.42	0.38	0.37	281	21	85	96	108	98	96	213	16
Idaho.....	0.23	0.31	0.34	0.30	0.31	341	31	72	78	86	79	82	216	24
Wyoming.....	0.18	0.19	0.21	0.19	0.19	299	27	96	102	109	98	97	177	15
Colorado.....	0.75	0.76	0.86	0.91	0.93	368	56	91	92	97	97	96	192	29
New Mexico.....	0.20	0.25	0.35	0.37	0.38	612	53	58	63	78	77	77	267	25
Arizona.....	0.80	0.82	0.43	0.54	0.56	615	85	84	84	87	87	80	191	32
Utah.....	0.33	0.34	0.40	0.41	0.41	367	49	80	82	86	84	84	192	27
Nevada.....	0.00	0.13	0.14	0.19	0.18	654	90	125	147	130	133	124	175	25
Pacific.....	8.54	9.77	11.56	12.52	12.70	463	58	130	132	120	119	119	154	29
Washington.....	1.36	1.47	1.77	1.70	1.66	362	35	107	111	112	107	104	170	21
Oregon.....	0.75	0.86	1.09	1.01	1.01	407	34	97	105	107	99	98	179	19
California.....	6.42	7.43	8.70	9.81	10.02	491	66	142	141	124	124	125	143	31
Hawaii.....	0.31	0.31	0.31	0.31	0.31	47	47	97	94	93	91	91	26	26

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1957.

### No. 396.—PERCENT DISTRIBUTION OF CURRENT CONSUMPTION EXPENDITURES OF ALL URBAN FAMILIES: 1950

[Based on a sample of 12,500 civilian families (including 1-person units in 91 cities) existing as family groups during entire year. A family is defined as a group of persons dependent on a common or pooled income for the major items of expense and usually living in the same household]

TYPE OF EXPENDITURE	All income classes	ANNUAL NET MONEY INCOME CLASS								
		Under \$1,000	\$1,000 to \$2,000	\$2,000 to \$3,000	\$3,000 to \$4,000	\$4,000 to \$5,000	\$5,000 to \$6,000	\$6,000 to \$7,500	\$7,500 to \$10,000	\$10,000 and over
Average expenditure for current consumption.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food and beverages.....	31.4	34.6	36.4	34.7	32.8	31.0	30.2	29.0	28.9	24.5
Tobacco.....	1.8	1.2	2.0	2.1	2.0	1.9	1.7	1.6	1.4	1.0
Housing.....	11.5	18.8	15.7	12.8	11.5	10.9	10.3	10.3	9.9	10.7
Fuel, light, refrigeration.....	4.1	7.5	6.1	4.8	4.3	4.0	3.7	3.5	3.4	2.8
Household operation.....	4.7	4.9	4.6	4.2	4.1	4.2	4.5	4.6	5.4	9.0
Furnishings and equipment.....	6.9	4.3	4.9	6.4	6.6	7.4	7.2	7.2	6.4	8.4
Clothing and clothing services.....	11.5	6.3	9.3	10.3	10.8	11.4	12.3	12.8	13.6	14.1
Transportation.....	13.4	7.2	7.9	10.9	13.3	14.4	15.4	15.6	15.5	12.8
Medical care.....	5.2	7.1	5.4	5.3	5.5	5.1	4.8	5.0	5.2	4.1
Personal care.....	2.2	2.0	2.4	2.4	2.3	2.2	2.2	2.1	2.1	1.9
Recreation, reading, education.....	5.9	3.4	3.7	4.7	5.7	6.3	6.3	6.9	6.9	7.3
Miscellaneous.....	1.4	2.7	1.6	1.4	1.1	1.2	1.4	1.4	1.3	2.9

<sup>1</sup> Comprises contract rents for tenant-occupied dwellings and for lodging away from home, and current maintenance costs for home owners (interest on mortgages, taxes, insurance, and expenses for repairs and replacements).

Source: University of Pennsylvania, Wharton School of Finance and Commerce; *Study of Consumer Expenditures, Income, and Savings*, Vols. II and XVIII. Based on Department of Labor, Bureau of Labor Statistics, *Survey of Consumer Expenditures in 1950*.

### No. 397.—FAMILY PERSONAL INCOME RECEIVED BY EACH FIFTH AND TOP 5 PERCENT OF ALL CONSUMER UNITS: 1935 TO 1954

ALL CONSUMER UNITS RANKED BY SIZE OF INCOME	PERCENT OF INCOME							AVERAGE INCOME (CURRENT DOLLARS)						
	1935- 1936	1941	1944	1947	1950	1953	1954	1935- 1936	1941	1944	1947	1950	1953	1954
Total...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,631	2,209	3,614	4,126	4,444	5,375	5,344
Lowest fifth...	4.1	4.1	4.9	5.0	4.8	4.9	4.9	337	450	882	1,023	1,056	1,319	1,313
Second fifth...	9.2	9.5	10.9	11.0	10.9	11.4	11.4	749	1,044	1,979	2,275	2,418	3,070	3,056
Third fifth...	14.1	15.3	16.2	16.0	16.1	16.6	16.6	1,146	1,694	2,920	3,308	3,579	4,469	4,443
Fourth fifth...	20.9	22.3	22.2	22.0	22.1	22.4	22.4	1,708	2,463	4,014	4,542	4,911	6,011	5,975
Highest fifth...	51.7	48.8	45.8	46.0	46.1	44.7	44.7	4,216	5,396	8,272	9,483	10,254	12,006	11,932
Top 5 percent.	26.5	24.0	20.7	20.9	21.4	20.5	20.5	8,654	10,617	14,963	17,226	19,066	22,035	21,902

ALL CONSUMER UNITS RANKED BY SIZE OF INCOME	AVERAGE INCOME (1950 DOLLARS) <sup>1</sup>						PERCENT INCREASE IN AVERAGE INCOME (1950 DOLLARS)		
	1935-1936	1941	1944	1950	1953	1954	1935-1936 to 1954	1935-1936 to 1941	1941 to 1954
Total.....	2,937	3,663	4,651	4,444	4,893	4,826	64	25	32
Lowest fifth.....	607	746	1,135	1,056	1,201	1,186	95	23	59
Second fifth.....	1,349	1,731	2,547	2,418	2,794	2,760	106	28	59
Third fifth.....	2,063	2,809	3,758	3,579	4,068	4,012	94	36	43
Fourth fifth.....	3,075	4,085	5,165	4,911	5,472	5,396	75	33	32
Highest fifth.....	7,591	8,949	10,645	10,254	10,928	10,776	42	18	20
Top 5 percent.....	15,582	17,607	19,255	19,066	20,057	19,780	27	13	12

<sup>1</sup> Price indexes used for deflators are those employed in deflating the personal consumption expenditure series in the national income accounts.

Source: 1935-36 and 1941, Harvard University; *Review of Economics and Statistics*, February 1954. Later years, Department of Commerce, Office of Business Economics; *Survey of Current Business*, March 1955 and June 1956.

### No. 398.—AVERAGE FAMILY PERSONAL INCOME BEFORE AND AFTER FEDERAL INDIVIDUAL INCOME TAX LIABILITY: 1929 TO 1957

ITEM	1929	1947	1950	1953	1954	1955	1956	1957
Number of families and unattached individuals.....millions.....	36.1	44.7	48.9	50.5	51.2	52.2	52.8	53.5
Average (mean) personal income per family or individual:								
Before tax:								
In current dollars.....	\$2,340	\$4,130	\$4,440	\$5,390	\$5,360	\$5,600	\$5,910	\$6,130
In 1957 dollars <sup>1</sup> .....	3,940	5,120	5,180	5,720	5,640	5,870	6,110	6,130
After tax:								
In current dollars.....	2,320	3,720	4,070	4,810	4,840	5,050	5,310	5,480
In 1957 dollars <sup>1</sup> .....	3,910	4,610	4,750	5,100	5,100	5,290	5,480	5,480

<sup>1</sup> See footnote 1, table 397.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, April 1953.

**No. 399.—DISTRIBUTION OF FAMILIES AND UNATTACHED INDIVIDUALS AND OF FAMILY PERSONAL INCOME, BY FAMILY PERSONAL INCOME LEVEL: 1944 TO 1956**

[Numbers in thousands; income in millions of dollars. For distinction between personal income and money income, see text, pp. 300 and 301]

FAMILY PERSONAL INCOME <sup>1</sup> (BEFORE INCOME TAXES)	NUMBER OF FAMILIES AND UNATTACHED INDIVIDUALS					AGGREGATE FAMILY PERSONAL INCOME <sup>1</sup>				
	1944	1950	1954	1955	1956	1944	1950	1954	1955	1956
Total.....	40,880	48,890	51,150	52,170	52,800	147,721	217,262	273,956	291,905	312,255
Under \$1,000.....	4,352	3,861	3,071	2,918	2,688	2,390	1,943	1,571	1,480	1,380
\$1,000 to \$1,999.....	8,108	7,464	5,889	5,827	4,954	12,338	11,333	8,951	8,081	7,562
\$2,000 to \$2,999.....	8,702	8,091	6,509	6,272	5,871	21,938	20,273	16,345	15,771	14,742
\$3,000 to \$3,999.....	7,723	8,580	7,291	7,275	6,784	26,900	29,963	25,615	25,591	23,841
\$4,000 to \$4,999.....	4,535	7,054	7,118	7,117	6,941	20,261	31,533	32,055	32,087	31,198
\$5,000 to \$5,999.....	2,515	4,694	6,032	6,363	6,640	13,739	25,603	33,033	34,871	35,838
\$6,000 to \$7,499.....	2,259	3,836	6,284	6,040	7,416	14,942	25,578	41,947	40,442	40,608
\$7,500 to \$9,999.....	1,885	2,758	4,734	5,186	6,042	11,802	23,304	40,333	44,272	51,540
\$10,000 to \$14,999.....	707	1,630	2,601	3,017	3,545	8,483	18,310	31,859	36,173	42,483
\$15,000 to \$19,999.....	246	414	745	852	946	4,215	7,083	12,749	14,606	16,000
\$20,000 to \$24,999.....	108	218	313	350	380	2,395	4,826	6,931	7,885	8,500
\$25,000 to \$49,999.....	140	294	397	439	480	4,651	9,743	13,294	14,528	15,500
\$50,000 and over.....	40	84	106	114	114	3,607	7,690	9,276	10,118	10,118
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$1,000.....	10.7	7.9	6.0	5.6	5.1	1.6	0.9	0.6	0.5	0.4
\$1,000 to \$1,999.....	19.8	15.3	11.5	10.2	9.4	8.4	5.2	3.3	2.8	2.4
\$2,000 to \$2,999.....	21.4	16.6	12.7	12.0	11.1	14.9	9.3	6.0	5.4	4.7
\$3,000 to \$3,999.....	18.9	17.6	14.3	14.0	12.9	18.3	13.8	9.4	8.8	7.7
\$4,000 to \$4,999.....	11.1	14.4	13.9	13.7	13.2	13.7	14.5	11.7	11.0	10.0
\$5,000 to \$5,999.....	6.2	9.6	11.8	12.2	12.4	9.3	11.8	12.1	11.9	11.5
\$6,000 to \$7,499.....	5.5	7.9	12.3	13.3	14.0	10.1	11.8	15.3	15.9	15.9
\$7,500 to \$9,999.....	3.4	5.6	9.2	9.9	11.4	8.0	10.8	14.7	15.1	16.5
\$10,000 to \$14,999.....	1.7	3.1	5.2	5.8	6.7	5.7	8.4	11.6	12.4	13.6
\$15,000 to \$19,999.....	0.6	0.8	1.5	1.6	1.6	2.9	3.3	4.6	5.0	5.0
\$20,000 to \$24,999.....	0.3	0.4	0.6	0.7	0.8	1.6	2.2	2.5	2.7	2.7
\$25,000 to \$49,999.....	0.3	0.6	0.8	0.8	0.8	3.1	4.5	4.8	5.0	5.0
\$50,000 and over.....	0.1	0.2	0.2	0.2	0.2	2.4	3.5	3.4	3.5	3.5

<sup>1</sup> Covers income of families and unattached individuals.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, April 1958.

**No. 400.—SHARE OF MONEY INCOME RECEIVED BY EACH TENTH OF ALL SPENDING UNITS, AND LOWEST INCOME WITHIN TENTH: 1947 TO 1956**

[See text, p. 209. Data for each year based on interviews in January-March of following year. "Spending unit" defined as all persons living in the same dwelling and belonging to the same family who pool their incomes to meet their major expenses; a spending unit may consist of only 1 person]

SPENDING UNITS RANKED FROM LOWEST TO HIGHEST INCOME <sup>1</sup>	PERCENT OF TOTAL MONEY INCOME					LOWEST INCOME WITHIN TENTH (DOLLARS)				
	1947	1950	1954	1955	1956	1947	1950	1954	1955	1956
Lowest tenth.....	1	1	1	1	1	(2)	(2)	(2)	(2)	(2)
Second tenth.....	3	3	3	3	3	750	830	1,000	900	1,050
Third tenth.....	4	5	5	4	5	1,200	1,430	1,790	1,650	1,900
Fourth tenth.....	6	6	6	6	6	1,700	1,900	2,500	2,470	2,740
Fifth tenth.....	7	8	8	8	8	2,100	2,510	3,120	3,240	3,520
Sixth tenth.....	9	9	9	9	9	2,530	3,000	3,700	3,900	4,270
Seventh tenth.....	10	11	11	11	10	3,000	3,550	4,350	4,040	5,000
Eighth tenth.....	12	13	13	13	12	3,500	4,080	5,060	5,380	6,550
Ninth tenth.....	15	15	15	15	15	4,200	4,950	6,000	6,500	7,000
Highest tenth.....	33	29	29	29	31	5,700	6,210	7,720	8,440	9,050

<sup>1</sup> Ranking based on size of money income before tax.

<sup>2</sup> Not available.

Source: Board of Governors of the Federal Reserve System. Based on data from various Surveys of Consumer Finances, conducted for Board of Governors of Federal Reserve System by Survey Research Center of University of Michigan. Data appear periodically in *Federal Reserve Bulletin*.

**No. 401.—PERCENT DISTRIBUTION OF SPENDING UNITS, 1945 TO 1956, AND SHARE OF LIQUID ASSETS, 1946 TO 1957, BY INCOME GROUPS**

[Liquid asset holdings as of January 1, 1952, and at time of interviews in January, February, and early March of other years. Money income groupings for calendar year preceding time of interview. For definition of spending unit, see headnote, table 400. See text, p. 299]

MONEY INCOME BEFORE TAXES	SPENDING UNITS						SHARE OF TOTAL LIQUID ASSETS <sup>1</sup>					
	1945	1951	1953	1954	1955	1956	1946	1952	1954	1955	1956	1957
<b>All income groups.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$1,000.....	20	13	10	10	11	9	7	7	4	4	5	4
\$1,000 to \$1,999.....	27	15	13	13	12	12	14	8	6	7	7	6
\$2,000 to \$2,999.....	23	18	14	14	13	12	17	10	7	9	7	3
\$3,000 to \$3,999.....	15	18	16	17	14	12	16	14	10	12	9	8
\$4,000 to \$4,999.....	7	15	16	14	14	14	10	11	11	11	9	8
\$5,000 to \$7,499.....	5	14	20	21	22	24	13	18	22	20	25	19
\$7,500 and over.....	3	7	11	11	14	17	23	32	40	37	38	47

<sup>1</sup> Liquid assets comprise U. S. Government savings bonds, checking accounts, savings accounts in banks, postal savings, and shares in savings and loan associations and credit unions; currency is excluded. Data prior to 1957 also include marketable U. S. Government bonds, which were held by about 1 percent of all spending units early in 1957.

Source: Board of Governors of the Federal Reserve System. Based on data from various Surveys of Consumer Finances conducted for Board of Governors of Federal Reserve System by Survey Research Center of University of Michigan. Data appear periodically in *Federal Reserve Bulletin*.

**No. 402.—MEAN AND MEDIAN INCOMES WITHIN OCCUPATIONAL GROUPS: 1947 TO 1956**

[In dollars. See text, p. 299. For definition of spending unit, see headnote, table 400. Mean income is the average obtained by dividing aggregate money income before taxes by number of spending units. Median income is that of middle spending unit when units are ranked by size of money income before taxes. Figures beginning 1953 are high relative to prior years owing largely to a change in 1954 questionnaire that improved the reporting of income.]

OCCUPATION OF HEAD OF SPENDING UNIT	1947	1950	1951	1952	1953	1954	1955	1956
<b>MEAN INCOME</b>								
<b>All spending units.....</b>	<b>3,290</b>	<b>3,520</b>	<b>3,820</b>	<b>4,070</b>	<b>4,570</b>	<b>4,420</b>	<b>4,650</b>	<b>5,140</b>
Professional and semiprofessional.....	5,750	5,630	6,020	6,670	6,790	7,380	8,140	7,770
Managerial and self-employed.....	6,730	5,790	7,100	6,970	(1)	(1)	(1)	(1)
Managerial.....	(1)	6,580	8,960	6,890	8,920	7,480	8,280	8,790
Self-employed <sup>2</sup> .....	(1)	5,330	5,820	7,010	8,830	8,360	8,180	10,750
Clerical and sales.....	3,220	3,910	3,920	4,180	4,480	4,420	4,080	6,190
Skilled and semiskilled.....	3,120	3,530	3,970	4,200	4,550	4,500	4,830	<sup>3</sup> 5,030
Unskilled and service.....	1,900	2,350	2,320	2,620	2,760	2,990	2,840	3,250
Farm operator <sup>2</sup> .....	2,080	2,480	2,660	2,540	3,170	3,020	2,860	3,350
Other <sup>4</sup> .....	2,010	2,020	2,330	2,410	2,560	(1)	(1)	(1)
<b>MEDIAN INCOME</b>								
<b>All spending units.....</b>	<b>2,530</b>	<b>3,000</b>	<b>3,200</b>	<b>3,430</b>	<b>3,780</b>	<b>3,700</b>	<b>3,960</b>	<b>4,250</b>
Professional and semiprofessional.....	4,000	4,500	4,500	5,310	5,540	6,020	6,250	6,250
Managerial and self-employed.....	4,500	4,500	4,780	5,000	(1)	(1)	(1)	(1)
Managerial.....	(1)	4,950	5,350	5,500	6,610	5,860	6,760	7,000
Self-employed.....	(1)	4,100	4,180	4,738	5,000	5,710	6,000	7,500
Clerical and sales.....	2,900	3,200	3,410	3,850	4,100	3,980	4,290	4,600
Skilled and semiskilled.....	3,000	3,600	3,800	4,000	4,400	4,390	4,660	<sup>3</sup> 4,940
Unskilled and service.....	1,750	2,100	2,100	2,470	2,530	2,810	2,520	3,000
Farm operator.....	1,500	1,900	1,880	2,190	2,060	2,080	2,190	2,320
Other <sup>4</sup> .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

<sup>1</sup> Not available.

<sup>2</sup> Beginning 1953, not exactly comparable; changes in 1954 questionnaire resulted in overestimates of farm and nonfarm business incomes relative to earlier years. The effect is thought to have been much greater on the mean than on the median.

<sup>3</sup> Median income of skilled workers was \$5,350 and that of semiskilled workers was \$4,400. Mean incomes were \$5,640 and \$4,480, respectively.

<sup>4</sup> Comprises spending units headed by housewives, protective service workers, unemployed persons, and students.

Source: Board of Governors of the Federal Reserve System. Based on data from various Surveys of Consumer Finances, conducted for Board of Governors of Federal Reserve System by Survey Research Center of University of Michigan. Data appear periodically in *Federal Reserve Bulletin*.

**No. 403.—MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY INCOME LEVEL, AND FARM AND NONFARM MEDIAN INCOME: 1944 TO 1956**

[Based on samples of population residing in households only. Includes small number of families and unrelated individuals with no money income. Excludes small number of families and individuals residing in quasi-households (hotels, large rooming houses, etc.). "Family" refers to a group of 2 or more related persons residing in same household. "Unrelated individual" is used to refer to a person living alone or with persons not related to him. See Technical Note, p. 201. For explanation of urban and rural areas, see p. 2]

ITEM AND YEAR	INCOME LEVEL (percent distribution)								MEDIAN INCOME <sup>1</sup>		
	Under \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over	Total	Urban and rural nonfarm	Rural farm
<b>Families and individuals:</b>											
1944.....	23.2	22.1	20.7	16.1	7.9	4.1	4.2	1.6	\$2,209	\$2,410	\$1,157
1945.....	19.5	21.1	23.9	15.3	8.4	5.3	5.3	1.3	2,379	2,595	1,291
1946.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2,659	( <sup>2</sup> )
1947.....	16.8	17.7	20.9	17.6	10.2	6.7	7.7	2.5	2,727	2,900	1,781
1948.....	16.2	15.8	19.8	18.8	11.4	7.1	8.5	2.5	2,909	3,101	1,861
1949.....	18.5	15.8	20.0	17.9	10.4	6.8	8.3	2.3	2,783	2,989	1,462
1950.....	17.8	14.2	17.5	18.8	11.9	7.7	9.3	2.8	3,025	3,188	1,790
1951.....	15.2	12.4	15.5	18.5	13.8	9.3	12.3	3.1	3,308	3,546	1,953
1952.....	14.5	12.6	14.3	17.4	13.6	10.2	14.0	3.5	3,467	3,611	2,011
1953.....	14.3	11.2	12.5	15.2	14.0	11.3	16.7	4.6	3,789	3,981	1,926
1954.....	14.9	12.2	12.2	14.7	13.8	10.4	16.7	4.9	3,730	3,949	1,803
1955.....	13.4	11.9	11.3	14.1	13.8	11.1	19.1	5.3	3,948	4,195	1,937
1956.....	12.3	10.9	10.7	12.3	13.7	12.0	21.5	6.7	4,237	4,468	2,149
<b>Families:</b>											
1944.....	17.0	20.6	22.3	18.9	9.3	5.0	5.1	1.8	2,533	2,794	1,272
1945.....	13.5	20.5	25.5	17.3	9.7	6.1	6.1	1.4	2,621	2,857	1,410
1946.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2,981	( <sup>2</sup> )
1947.....	10.7	10.6	22.0	19.7	11.7	7.7	8.9	2.7	3,033	3,207	1,958
1948.....	10.6	14.5	20.5	20.7	13.0	8.1	9.8	2.8	3,190	3,391	2,034
1949.....	12.1	14.8	20.6	20.0	12.1	7.8	9.8	2.6	3,107	3,324	1,587
1950.....	11.5	13.2	17.9	20.6	13.6	9.0	11.0	3.2	3,319	3,497	1,970
1951.....	9.2	11.4	15.4	19.7	15.6	10.8	14.4	3.6	3,714	3,913	2,131
1952.....	8.5	10.8	14.2	18.6	15.4	11.9	16.6	4.2	3,889	4,111	2,226
1953.....	8.6	9.9	11.7	15.8	15.9	13.2	19.8	5.4	4,233	4,462	2,131
1954.....	8.8	11.0	11.9	15.5	15.6	11.9	19.6	5.8	4,167	4,406	1,908
1955.....	7.7	9.9	11.0	14.6	15.4	12.7	22.4	6.2	4,420	4,705	2,117
1956.....	6.5	8.9	10.2	12.5	14.8	13.7	25.4	7.9	4,787	5,061	2,375
<b>Unrelated individuals:</b>											
1944.....	50.8	28.6	13.7	4.1	1.6	6.4	0.5	0.4	979	1,057	461
1945.....	53.9	25.2	14.4	4.0	1.0	0.3	0.8	0.3	899	976	401
1946.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,105	( <sup>2</sup> )
1947.....	50.7	23.9	14.8	6.0	1.9	0.9	0.8	1.0	983	1,077	532
1948.....	48.9	23.0	15.5	7.9	2.6	0.8	0.8	0.4	1,042	1,148	539
1949.....	50.7	20.5	16.8	7.3	2.3	1.4	0.7	0.4	984	1,042	500
1950.....	50.3	19.5	15.6	9.2	3.1	1.0	0.9	0.4	992	1,079	532
1951.....	46.7	18.0	16.0	11.9	4.1	1.8	1.3	0.3	1,180	1,285	733
1952.....	41.8	21.4	15.2	12.0	5.0	2.1	2.0	0.5	1,332	1,410	665
1953.....	42.3	17.8	17.1	12.5	5.4	2.2	1.7	1.1	1,397	1,489	589
1954.....	45.4	18.6	14.3	10.9	5.0	3.0	2.0	0.7	1,225	1,312	583
1955.....	42.0	21.8	13.0	11.4	5.6	2.7	3.0	0.8	1,310	1,371	635
1956.....	39.6	20.8	12.9	11.1	8.0	3.9	2.9	0.8	1,448	1,522	723

<sup>1</sup> For definition of median, see headnote, table 24, p. 27.

<sup>2</sup> Comparable figures not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 27.



**No. 404.—MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY INCOME LEVEL, URBAN AND RURAL: 1956**

[Based on sample. Includes small number of families and unrelated individuals with no money income, and families and individuals in quasi-households (hotels, large rooming houses, etc.) as well as households. "Family" refers to a group of 2 or more related persons residing in same household. "Unrelated individual" refers to a person living alone or with persons not related to him. See Technical Note, p. 201. For explanation of urban and rural areas, see p. 2]

INCOME LEVEL	FAMILIES AND INDIVIDUALS				FAMILIES				UNRELATED INDIVIDUALS			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
Number.....	53,103	34,951	12,693	5,459	43,445	27,496	11,041	4,908	9,658	7,455	1,652	551
Percent.....	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 \$1,000.....	12.7	10.5	12.6	26.3	6.5	3.7	6.5	22.3	40.2	35.6	53.4	60.9
\$1,000 to \$1,999.....	11.1	9.7	10.3	21.5	8.9	6.7	9.1	20.8	20.9	20.9	18.5	28.2
\$2,000 to \$2,999.....	10.7	9.9	10.6	15.7	10.2	8.7	10.7	16.9	12.8	14.1	9.5	5.3
\$3,000 to \$3,999.....	12.3	12.0	13.1	11.9	12.5	11.8	14.0	12.9	11.2	12.7	7.5	3.1
\$4,000 to \$4,999.....	13.5	14.4	13.3	8.6	14.9	15.9	14.5	9.4	7.7	8.9	4.5	1.3
\$5,000 to \$5,999.....	11.9	12.3	13.7	5.6	13.7	14.5	15.3	6.2	3.7	4.1	2.8	0.8
\$6,000 to \$6,999.....	8.3	8.7	8.9	4.0	9.8	10.6	10.1	4.4	1.6	1.8	1.1	0.3
\$7,000 to \$9,999.....	13.0	14.8	12.1	4.3	15.6	18.5	13.6	4.8	1.3	1.3	1.6	-----
\$10,000 to \$14,999.....	4.9	5.7	4.1	1.8	5.9	7.2	4.6	2.0	0.4	0.4	0.8	0.3
\$15,000 to \$24,999.....	1.2	1.4	1.1	0.3	1.5	1.8	1.2	0.3	0.1	0.1	0.2	-----
\$25,000 and over.....	0.5	0.5	0.4	0.1	0.5	0.6	0.4	0.1	0.2	0.2	0.1	-----
Median income <sup>1</sup> .....	\$4,237	\$4,549	\$4,256	\$2,140	\$4,783	\$5,221	\$4,619	\$2,371	\$1,426	\$1,643	\$939	\$803

<sup>1</sup> For definition of median, see headnote, table 24, p. 27.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 27.

**No. 405.—MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY INCOME LEVEL, BY COLOR; AND MEDIAN INCOME BY COLOR, URBAN AND RURAL: 1956**

[Based on sample. See Technical Note, p. 201. See also headnote, table 404]

INCOME LEVEL	FAMILIES AND INDIVIDUALS			FAMILIES			UNRELATED INDIVIDUALS		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
UNITED STATES									
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$1,000.....	12.7	11.2	25.7	6.6	5.4	18.2	40.2	38.9	48.5
\$1,000 to \$1,999.....	11.1	10.2	18.9	8.9	7.9	19.2	20.9	21.3	18.0
\$2,000 to \$2,999.....	10.7	9.8	18.7	10.2	9.3	19.0	12.8	11.9	17.8
\$3,000 to \$3,999.....	12.3	12.1	13.4	12.5	12.3	14.9	11.2	11.5	9.2
\$4,000 to \$4,999.....	13.5	14.0	9.7	14.9	15.2	11.4	7.7	8.2	4.0
\$5,000 to \$5,999.....	11.9	12.5	6.0	13.7	14.4	7.5	3.7	4.0	1.6
\$6,000 to \$6,999.....	8.3	8.8	3.1	9.8	10.3	4.1	1.6	1.8	0.1
\$7,000 to \$9,999.....	13.0	14.0	3.7	15.6	16.7	4.7	1.3	1.4	0.7
\$10,000 to \$14,999.....	4.9	5.4	0.7	5.9	6.4	0.9	0.4	0.5	-----
\$15,000 to \$24,999.....	1.2	1.4	0.1	1.5	1.6	0.1	0.1	0.1	-----
\$25,000 and over.....	0.5	0.5	-----	0.5	0.6	-----	0.2	0.2	-----
MEDIAN INCOME <sup>1</sup>									
Total.....	\$4,237	\$4,479	\$2,289	\$4,783	\$4,993	\$2,628	\$1,426	\$1,466	\$1,087
Urban.....	4,549	4,762	2,735	5,221	5,413	3,250	1,643	1,670	1,462
Rural nonfarm.....	4,256	4,514	1,869	4,619	4,871	2,268	939	989	723
Rural farm.....	2,140	2,407	1,034	2,371	2,648	1,104	803	847	(2)

<sup>1</sup> For definition of median, see headnote, table 24, p. 27.

<sup>2</sup> Fewer than 100 cases in sample reporting on income.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 27.

**No. 406.—MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION OF RECIPIENTS BY INCOME LEVEL AND SEX, BY REGIONS: 1956**

[Persons 14 years old and over. Based on sample. See Technical Note, p. 201. For composition of regions, see fig. 1, p. XII]

INCOME LEVEL	UNITED STATES		NORTHEAST		NORTH CENTRAL		SOUTH		WEST	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Percent of those with income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss.....	0.7	0.3	0.3	0.3	0.8	0.2	1.0	0.8	0.7	0.3
\$1 to \$999.....	16.5	46.6	11.1	40.6	14.5	44.9	24.5	54.8	13.0	42.6
\$1,000 to \$1,999.....	11.7	19.3	9.3	19.6	10.6	18.7	15.1	19.1	11.1	21.2
\$2,000 to \$2,999.....	12.1	15.7	12.0	19.4	10.9	16.5	14.5	12.4	9.7	14.7
\$3,000 to \$3,999.....	14.8	11.0	17.2	12.7	14.3	12.1	14.2	8.2	13.0	11.3
\$4,000 to \$4,999.....	15.9	4.3	15.5	4.5	17.1	4.9	12.3	3.1	17.0	5.9
\$5,000 to \$5,999.....	11.9	1.5	14.6	1.9	13.0	1.4	8.1	1.0	12.8	2.3
\$6,000 to \$6,999.....	6.2	0.5	6.5	0.4	7.3	0.6	3.7	0.5	8.6	0.7
\$7,000 to \$9,999.....	5.5	0.4	5.6	0.3	7.2	0.4	4.2	0.5	9.5	0.8
\$10,000 to \$14,999.....	2.4	0.2	2.7	0.4	2.5	0.3	1.8	0.1	2.7	0.2
\$15,000 to \$24,999.....	0.8	.....	0.8	.....	1.0	.....	0.4	.....	1.3	0.1
\$25,000 and over.....	0.4	.....	0.4	.....	0.6	0.1	0.2	.....	0.5	.....
Median income for persons with income.....	\$3,608	\$1,146	\$4,004	\$1,450	\$3,923	\$1,250	\$2,602	\$872	\$4,142	\$1,265
Median income for year-round full-time workers <sup>2</sup> .....	\$4,462	\$2,828	\$4,640	\$2,851	\$4,691	\$2,900	\$3,710	\$2,493	\$5,209	\$3,290

<sup>1</sup> For definition of median, see headnote, table 24, p. 27.

<sup>2</sup> Those who worked 35 hours or more for 50 weeks or more during previous year.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 27.

**No. 407.—MEDIAN MONEY INCOME OF PERSONS, BY SEX, URBAN (BY SIZE OF PLACE) AND RURAL: 1954 TO 1956**

[Persons 14 years old and over. Based on sample. See Technical Note, p. 201. For definition of median, see headnote, table 24, p. 27]

RESIDENCE AND SIZE OF PLACE	1954			1955			1956		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
United States.....	\$2,301	\$3,199	\$1,161	\$2,323	\$3,354	\$1,116	\$2,432	\$3,608	\$1,146
Urban, total.....	2,608	3,569	1,386	2,654	3,742	1,347	2,786	4,010	1,402
Urbanized areas.....	2,781	3,711	1,509	2,875	3,903	1,475	3,019	4,148	1,532
Areas of 1,000,000 or more.....	2,937	3,796	1,685	3,082	4,040	1,686	3,230	4,317	1,766
Areas of 250,000 to 999,999.....	2,710	3,755	1,360	2,639	3,678	1,420	2,761	3,829	1,412
Areas of less than 250,000.....	2,433	3,476	1,271	2,525	3,511	1,108	2,642	4,014	1,391
Places not in urbanized areas.....	2,185	3,181	1,090	2,151	3,289	1,066	2,293	3,580	1,047
Places of 25,000 or more.....	2,341	3,279	1,301	2,452	3,696	1,363	2,552	3,782	1,290
Places of less than 25,000.....	2,134	3,141	1,020	2,048	3,182	973	2,175	3,529	980
Rural nonfarm.....	2,149	3,066	868	2,316	3,399	867	2,371	3,592	871
Rural farm.....	1,044	1,342	499	989	1,324	470	1,029	1,461	468

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, Nos. 19, 23, and 27.

**No. 408.—MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION OF RECIPIENTS BY INCOME LEVEL, BY SEX, FARM AND NONFARM: 1945 TO 1956**

[Persons 14 years old and over. Based on sample. See Technical Note, p. 201]

ITEM	MALE						FEMALE					
	1945	1950	1953	1954	1955	1956	1945	1950	1953	1954	1955	1956
<b>UNITED STATES</b>												
Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	89.5	90.1	91.3	90.2	92.1	91.9	45.1	43.2	46.4	46.4	49.3	51.9
Percent without income.....	10.5	9.9	8.7	9.8	7.9	8.1	54.9	56.8	53.6	53.6	50.7	48.1
Percent of those with income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss.....	0.6	0.7	1.1	1.0	0.9	0.7	0.1	0.3	0.4	0.3	0.3	0.3
\$1 to \$999.....	28.1	20.0	17.0	17.4	17.3	16.5	54.6	51.5	45.8	46.1	47.0	46.6
\$1,000 to \$1,999.....	26.0	16.4	12.4	13.8	12.8	11.7	33.2	23.6	21.4	21.4	20.6	19.3
\$2,000 to \$2,999.....	23.9	21.6	15.0	14.1	13.2	12.1	9.7	18.1	18.1	16.8	15.8	15.7
\$3,000 to \$3,999.....	13.2	20.9	19.3	18.4	16.5	14.8	1.4	4.5	9.9	10.7	10.7	11.0
\$4,000 to \$4,999.....	3.8	9.6	14.8	14.6	15.8	15.9	0.4	1.2	2.3	2.6	3.4	4.3
\$5,000 to \$5,999.....	2.4	4.6	9.5	9.2	10.3	11.9	0.1	0.3	1.0	1.0	1.2	1.5
\$6,000 to \$9,999.....	1.3	4.0	8.5	8.8	10.5	12.7	0.1	0.3	0.5	0.9	0.8	0.9
\$10,000 and over.....	0.8	2.0	2.3	2.7	2.9	3.6	0.1	0.2	0.4	0.2	0.3	0.2
Median income for persons with income <sup>1</sup> .....	\$1,811	\$2,570	\$3,223	\$3,109	\$3,354	\$3,608	\$901	\$953	\$1,168	\$1,161	\$1,116	\$1,146
<b>URBAN AND RURAL NONFARM</b>												
Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	90.5	90.8	91.9	90.9	92.4	92.4	48.8	45.2	48.3	48.3	50.8	53.3
Percent without income.....	9.5	9.2	8.1	9.1	7.6	7.6	51.2	54.8	51.7	51.7	49.2	46.7
Median income for persons with income <sup>1</sup> .....	\$2,042	\$2,784	\$3,421	\$3,469	\$3,646	\$3,899	\$962	\$1,043	\$1,250	\$1,252	\$1,220	\$1,257
<b>RURAL FARM</b>												
Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	85.3	86.7	87.3	85.8	90.0	88.8	27.6	31.0	32.9	32.7	38.1	40.8
Percent without income.....	14.7	13.3	12.7	14.2	10.0	11.2	72.4	69.0	67.1	67.3	61.9	59.2
Median income for persons with income <sup>1</sup> .....	\$904	\$1,328	\$1,394	\$1,342	\$1,324	\$1,461	\$431	\$417	\$482	\$499	\$470	\$468

<sup>1</sup> For definition of median, see headnote, table 24, p. 27.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 27.

**No. 409.—PERCENT DISTRIBUTION OF AGGREGATE WAGE OR SALARY INCOME (BEFORE TAXES) RECEIVED BY EACH FIFTH OF WAGE OR SALARY RECIPIENTS: 1939 TO 1954**

[Based on sample. See Technical Note, p. 201, and see source for explanation of method of estimating aggregate income. Wage or salary income includes all money received in compensation for work or services performed as employees including commissions, tips, piece-rate payments, bonuses, Armed Forces pay, etc., as well as receipts commonly referred to as wages or salaries. Excludes value of income in kind, such as living quarters, meals, clothing, etc.]

WAGE OR SALARY RECIPIENTS	1939	1945	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total.....</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lowest fifth.....	3.4	2.9	2.9	2.9	2.6	2.3	3.0	2.7	2.6	2.5
Second fifth.....	8.4	10.1	10.3	10.2	10.1	9.7	10.6	10.2	9.7	9.1
Middle fifth.....	15.0	17.4	17.8	18.6	18.7	18.3	18.9	18.5	18.1	18.0
Fourth fifth.....	23.9	25.7	24.7	25.5	26.2	25.7	25.9	25.7	25.4	25.5
Highest fifth.....	49.3	43.9	44.3	42.8	42.4	44.0	41.6	42.9	44.0	44.7

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 19.

### No. 410.—MONEY INCOME OF PERSONS—RECIPIENTS AND MEDIAN INCOME, BY MAJOR OCCUPATION GROUP AND SEX: 1956

[Employment and occupation status of recipients as of March 1957. Persons 14 years old and over. Based on sample. See Technical Note, p. 201]

MAJOR OCCUPATION GROUP	MALE				FEMALE			
	Recipients		Median income		Recipients		Median income	
	Total	With income	For recipients with income <sup>1</sup>	For year-round, full-time workers <sup>2</sup>	Total	With income	For recipients with income <sup>1</sup>	For year-round, full-time workers <sup>2</sup>
Total.....	56,591	52,016	\$3,608	\$4,462	61,304	31,823	\$1,146	\$2,828
Employed as civilians.....	43,273	42,518	4,093	4,487	20,592	18,258	2,081	2,855
Professional, technical, and kindred workers.....	4,141	4,084	5,772	6,126	2,436	2,229	3,133	3,694
Self-employed <sup>3</sup> .....	632	620	9,496	10,460	135	110	(4)	(4)
Salaried.....	3,509	3,464	5,061	5,968	2,301	2,110	3,178	3,730
Farmers and farm managers.....	3,064	3,026	1,510	1,680	139	125	(4)	(4)
Managers, officials, and proprietors, excluding farm.....	5,598	5,557	5,535	5,816	1,080	893	2,489	2,835
Self-employed <sup>3</sup> .....	2,935	2,905	4,850	5,187	633	468	1,829	1,839
Salaried.....	2,663	2,652	6,084	6,313	447	425	3,154	3,793
Clerical and kindred workers.....	2,988	2,957	4,263	4,473	6,161	5,764	2,758	3,189
Sales workers.....	2,479	2,440	4,363	5,194	1,607	1,249	1,311	2,165
Craftsmen, foremen, and kindred workers.....	8,413	8,383	4,697	5,004	215	198	(4)	(4)
Operatives and kindred workers.....	8,953	8,846	3,972	4,303	3,438	3,225	2,236	2,660
Private household workers.....	40	45	(4)	(4)	2,174	1,909	598	925
Service workers, except private household.....	2,708	2,644	3,123	3,579	2,700	2,391	1,316	2,017
Farm laborers and foremen.....	1,403	1,130	878	1,521	625	181	(4)	(4)
Laborers, except farm and mine.....	3,477	3,397	2,844	3,451	117	104	(4)	(4)
Unemployed.....	1,950	1,790	1,946	3,232	932	-743	1,089	(4)
In Armed Forces or not in labor force.....	11,368	7,708	978	(4)	39,780	12,822	582	2,296

<sup>1</sup> Based on number of persons with income. For definition of median, see headnote, table 24, p. 27.

<sup>2</sup> For definition, see footnote 2, table 406.

<sup>3</sup> Includes a very small number of unpaid family workers.

<sup>4</sup> Fewer than 100 cases in sample reporting with income.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 27.

### No. 411.—INCOME OF NONSALARIED PHYSICIANS, LAWYERS, AND DENTISTS: 1929 TO 1954

[Data are based on mail questionnaire surveys of the 3 professions, usually in cooperation with the professional associations. At intervals, large-scale surveys have been conducted to establish benchmark data, most recently in 1949 (dentists), 1950 (physicians), and 1955 (lawyers). For later years, smaller, interim surveys are conducted to obtain indexes for extending the benchmark data forward.]

YEAR	PHYSICIANS		DENTISTS		LAWYERS	
	Average gross income <sup>1</sup>	Average net income <sup>2</sup>	Average gross income <sup>1</sup>	Average net income <sup>2</sup>	Average gross income <sup>1</sup>	Average net income <sup>2</sup>
1929.....	\$8,567	\$5,224	\$7,112	\$4,267	\$7,997	\$5,534
1930.....	8,173	4,870	6,814	4,020	7,594	5,194
1935.....	6,295	3,695	4,438	2,485	6,424	4,272
1940.....	7,632	4,441	6,592	3,314	6,747	4,507
1945.....	17,350	10,975	12,115	6,922	10,308	6,861
1948.....	18,921	11,327	12,703	7,039	12,459	8,003
1949.....	19,710	11,744	12,881	7,146	12,756	7,971
1950.....	20,713	12,324	13,202	7,436	13,264	8,349
1951.....	22,298	13,432	14,085	7,820	14,185	8,855
1952.....	(3)	(3)	(3)	(3)	14,700	9,021
1953.....	(3)	(3)	(3)	(3)	15,444	9,392
1954.....	(3)	(3)	(3)	(3)	16,719	10,258

<sup>1</sup> Gross business receipts from independent professional practice only.

<sup>2</sup> For nonsalaried group only; income from independent professional practice after deduction of business expenses but before payment of income taxes.

<sup>3</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1949, January 1950, July 1951, July 1952, and December 1956.

No. 412.—NATIONAL WEALTH, BY TYPE OF ASSET, IN CURRENT DOLLARS:  
1900 TO 1955

[In billions of dollars. Data should be regarded as approximative only. Consult source for methods and sources used to derive these estimates. See text, p. 301]

YEAR	National wealth, total	REPRODUCIBLE TANGIBLE ASSETS									
		Total	Structures <sup>1</sup>							Equipment <sup>1</sup>	
			Total	Nonfarm		Mining (under-ground)	Farm	Institutional	Government	Producer durables	Consumer durables
				Residential	Nonresidential						
1900.....	87.7	59.1	35.0	15.7	12.5	0.4	3.3	1.1	2.0	6.5	6.0
1905.....	117.1	76.5	45.6	19.2	16.8	0.6	4.2	1.5	3.3	9.0	8.3
1910.....	152.0	99.6	57.7	23.8	20.9	0.8	5.3	1.9	5.0	12.6	11.3
1915.....	191.8	126.9	72.3	29.1	25.4	1.2	6.7	2.3	7.7	17.1	15.3
1920.....	374.4	264.6	149.1	60.4	48.9	3.5	15.3	4.5	16.4	37.3	36.1
1925.....	384.2	272.9	161.4	72.6	48.7	3.9	12.5	4.7	19.0	33.8	35.8
1930.....	410.1	293.4	182.4	85.1	53.1	3.9	11.1	5.5	23.8	36.7	38.0
1935.....	344.9	256.1	163.7	70.2	47.7	3.8	8.9	4.8	28.5	29.3	25.9
1940.....	424.2	331.2	200.2	92.5	51.0	5.1	9.6	5.5	36.5	37.0	36.5
1945 <sup>4</sup> .....	570.6	441.5	265.1	124.6	59.8	7.8	15.7	6.4	50.7	50.3	51.0
1945 <sup>4</sup> .....	560.5	445.4	275.0	140.5	56.0	7.8	16.3	7.0	47.4	48.3	46.2
1950.....	1,024.0	835.3	490.5	245.0	102.7	15.9	27.0	13.9	85.9	112.4	109.2
1955.....	1,338.3	1,109.0	668.2	320.8	139.6	23.7	33.2	20.4	130.7	159.8	143.7

YEAR	REPRODUCIBLE TANGIBLE ASSETS—Con.					LAND <sup>3</sup>				Net foreign assets
	Inventories <sup>2</sup>			Public	Monetary gold and silver	Private			Public	
	Private					Farm	Forests	Other		
	Live-stock	Crop	Non-farm							
1900.....	3.1	1.4	5.4	0.0	1.6	14.5	1.5	10.9	4.0	-2.3
1905.....	3.7	1.8	6.0	0.0	2.1	22.2	1.6	13.6	5.2	-2.0
1910.....	5.3	2.4	8.0	0.0	2.4	29.5	1.9	16.3	6.8	-2.1
1915.....	6.4	2.9	10.0	0.0	3.0	34.8	2.4	19.4	8.6	-0.3
1920.....	6.4	4.2	28.1	0.2	3.2	50.0	4.0	36.9	12.5	6.3
1925.....	5.4	3.4	28.1	0.1	4.9	37.1	3.2	47.4	13.9	9.7
1930.....	4.9	2.2	24.1	0.1	5.1	31.0	2.7	54.2	15.2	12.6
1935.....	5.2	2.0	18.4	0.3	11.3	23.9	2.6	40.0	16.1	6.1
1940.....	5.4	2.3	24.4	1.4	24.1	23.9	3.0	47.3	18.0	0.8
1945 <sup>4</sup> .....	9.7	5.6	34.1	2.7	22.9	44.5	3.6	56.0	24.0	1.1
1945 <sup>4</sup> .....	9.7	6.0	33.6	2.7	23.9	43.5	3.8	45.9	24.2	-2.3
1950.....	17.1	7.3	69.3	2.8	26.8	58.2	8.7	75.5	33.0	13.4
1955.....	10.7	6.7	36.8	7.1	26.1	68.8	10.2	97.6	37.3	15.4

<sup>1</sup> Estimates obtained by multiplying the constant dollar figures shown in table 413 by the appropriate price index for current year. See also footnote 1 in that table.

<sup>2</sup> Estimates are based on book values.

<sup>3</sup> Estimates for farm land are based on Census or similar data. For other private land, estimates are derived by application of rough ratios of land to structure values for different types of real estate.

<sup>4</sup> 1945 estimates differ from one another not only because of changes in base period (1929 vs. 1947-49) of deflator used but also because of minor changes in sources of data and methods of estimation used.

<sup>5</sup> 1945 estimates differ from one another because of minor changes in sources of data and methods of estimation used.

Source: For 1900 to 1945, R. W. Goldsmith, *A Study of Saving in the United States*, Princeton University Press, 1956, Vol. III, Table W-1; for 1945 (revised) to 1955, National Bureau of Economic Research, preliminary estimates by Raymond W. Goldsmith.

# NO. 413.—NATIONAL REPRODUCIBLE TANGIBLE ASSETS AND NET FOREIGN ASSETS, IN CONSTANT DOLLARS: 1900 TO 1955

[In billions of dollars. Data should be regarded as approximative only. Consult source for methods and sources used to derive these estimates. See text, p. 301]

YEAR	REPRODUCIBLE TANGIBLE ASSETS							
	Total	Structures <sup>1</sup>						
		Total	Nonfarm		Mining (under-ground)	Farm	Institutional	Government
			Residential	Nonresidential				
1929 PRICES								
1900.....	122.6	73.0	33.1	24.9	0.8	6.8	2.3	5.1
1905.....	146.2	87.5	37.3	31.0	1.1	7.9	2.9	7.2
1910.....	175.8	106.1	45.0	37.2	1.5	8.9	3.5	10.0
1915.....	202.6	123.8	52.7	41.6	2.0	10.2	4.0	13.3
1920.....	230.2	133.6	56.5	43.7	3.1	12.1	4.2	14.0
1925.....	273.3	163.0	75.1	48.8	3.8	12.2	4.8	18.3
1930.....	322.7	197.2	90.7	58.2	4.3	12.3	5.8	25.8
1935.....	297.1	189.5	85.1	62.9	4.1	10.8	5.4	31.2
1940.....	329.6	193.6	87.6	49.2	4.7	10.4	5.0	36.7
1945 <sup>2</sup> .....	331.5	185.3	84.0	44.5	5.2	10.1	4.4	37.2
1947-49 PRICES								
1945 <sup>2</sup> .....	616.1	402.0	194.7	81.6	11.3	22.2	11.6	80.7
1950.....	753.3	442.3	216.0	89.5	14.2	25.0	12.6	85.1
1955.....	906.0	520.5	253.0	103.4	18.7	27.6	15.5	102.4

YEAR	REPRODUCIBLE TANGIBLE ASSETS—continued							Net foreign assets
	Equipment <sup>1</sup>		Inventories <sup>2</sup>				Monetary gold and silver	
	Producer durables	Consumer durables	Private			Public		
			Livestock	Crop	Nonfarm			
1929 PRICES								
1900.....	13.5	16.6	6.4	2.6	9.2	0.0	1.3	-4.7
1905.....	18.2	19.9	6.7	3.0	9.3	0.0	1.7	-3.8
1910.....	23.1	23.7	6.6	3.2	11.2	0.0	1.9	-3.5
1915.....	26.5	26.8	7.2	3.6	13.1	0.0	2.5	-0.6
1920.....	32.4	28.2	7.2	4.1	21.5	0.2	3.1	5.1
1925.....	34.7	35.4	6.5	3.3	25.9	0.1	4.5	9.4
1930.....	39.6	43.9	6.6	2.8	28.2	0.1	4.5	13.1
1935.....	32.2	37.6	6.4	3.0	21.6	0.4	6.4	7.5
1940.....	36.2	47.0	6.7	3.4	27.2	2.0	13.4	0.9
1945 <sup>2</sup> .....	42.6	46.9	7.2	3.9	30.8	2.1	12.7	0.8
1947-49 PRICES								
1945 <sup>2</sup> .....	61.5	57.5	14.9	7.9	46.9	3.7	21.7	-2.7
1950.....	90.3	100.8	14.0	7.9	62.0	2.5	24.5	12.0
1955.....	123.5	133.9	15.0	8.4	72.7	8.4	23.6	12.6

<sup>1</sup> Estimates derived by "perpetual inventory" method which is intended to reflect reproduction cost of different types of assets. Estimates are obtained by: (1) Reducing each year's gross capital expenditures in current prices to 1929 (or 1947-49) price level by means of appropriate construction cost or wholesale price indices; (2) 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 1929 (or 1947-49) prices; (3) cumulating net capital expenditures for as many years backwards as corresponds to the assumed length of life of the type of asset involved.

<sup>2</sup> Estimates reflect book values reduced by means of wholesale price indices.

<sup>3</sup> 1945 estimates differ from one another not only because of changes in base period (1929 vs. 1947-49) of deflator used but also because of minor changes in sources of data and methods of estimation used.

Source: For 1900 to 1945 (1929 prices), R. W. Goldsmith, *A Study of Saving in the United States*, Princeton University Press, 1956, Vol. III, Table W-1; for 1945 (1947-49 prices) to 1955, National Bureau of Economic Research, preliminary estimates by Raymond W. Goldsmith.

## Section 12

### Prices

This section presents indexes of wholesale, retail, and consumer prices. Average prices are also shown for selected commodities. The primary sources of these data are the publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review*; *Handbook of Labor Statistics*; *Consumer Price Index* (monthly); *Retail Food Prices by Cities* (monthly); *Retail Prices and Indexes of Fuels and Electricity* (monthly); *Wholesale (Primary Market) Price Index* (monthly); and *Wholesale Prices* (annually). The Agricultural Marketing Service prepares indexes of prices received and prices paid by farmers (see text, p. 610).

The Bureau of Labor Statistics prepares weekly and monthly indexes of wholesale prices, a daily index based on spot market prices of 22 commodities; and indexes of consumer prices for urban wage-earner and clerical-worker families for the United States, based on 46 cities, and individually for 20 large cities, as well as component indexes for food and other groups.

**Wholesale price index.**—This index, dating from 1890, is the oldest continuous statistical series published by the Bureau of Labor Statistics. It is designed to measure average changes in prices of commodities sold in primary markets in the United States.

The index has undergone 4 major revisions. The latest revised index (see *Monthly Labor Review*, February 1952), based on 1947-49=100, is the official index for January 1952 and all subsequent months. The index beginning with data for 1947 is based on nearly 2,000 commodity price series instead of the 900 included in the earlier index. Prices used in constructing the index are collected directly from sellers, if possible, and apply as nearly as practicable to the first large-volume commercial transaction for each commodity—i. e., the manufacturer's or other producer's selling price, the importer's selling price, the selling price on an organized exchange or at a central market. Respondents are asked to report prices f. o. b. point of production if possible.

For the 1947-54 period, the weights used in the index represent the total net selling value including the value of sales for export, f. o. b. production point, less interplant transfers, but plus the value of imports for consumption, for the producing and processing sector of the economy in continental United States for the year 1947 (adjusted for price change to the average of 1947-49). Beginning in January 1955, the weights used are based on data for the average of the years 1952 and 1953.

The all-commodities wholesale price index series on a base 1947-49=100 has been extended back to 1890. Monthly indexes on the same base are available for most of the major groups of commodities from January 1926. They are available on a 1926=100 base by groups from January 1890 and by subgroups beginning with 1913. The index 1926=100 is the official index for December 1951 and all earlier dates.

**Consumer price index.**—This index measures the average change in prices of goods and services purchased by city wage-earner and clerical-worker families. The weights used in calculating the index are based on studies of actual expenditures by families of wage earners and clerical workers. The quantities and qualities of the items in the "market basket" remain the same between consecutive pricing periods, so that the index measures the effect of price change only on the cost of living of these families.

Note.—This section presents data for the most recent year or period available on March 31, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

The index does not measure changes in the total amount families spend for living; city indexes do not measure relative differences in prices or living costs between cities.

A study conducted during 1917-19 provided the weights used from 1913 to 1935. Since then, there have been three major revisions of this index, which involved bringing the "market basket" of goods and services up to date and improving the sample and methodology. From 1935 to January 1950, time-to-time changes in retail prices were weighted by 1934-36 average expenditures except for certain temporary wartime adjustments. Weights used from January 1950 to December 1952 represented estimated 1949-50 spending patterns. Beginning January 1953, the weights represent average purchases of urban wage-earner and clerical-worker families in fiscal year 1952, derived from a study of family expenditures in 1950 and estimated changes in income and prices between 1950 and fiscal 1952.

The list of items currently priced for the index includes approximately 300 goods and services. For some items, a number of different qualities are priced. The items priced are described by detailed specifications to insure that, as far as possible, the same quality is priced each time, and that differences in reported prices are measures of price change only. Sales taxes are reflected wherever applicable.

Beginning January 1953, prices are obtained in a sample of 46 cities. Foods, fuels, and a few other items are priced monthly in all cities. Prices of most other goods and services are obtained on a regular rotating cycle—monthly in the 5 largest cities and every 3 months in other cities. Rents are surveyed bimonthly in the 5 largest cities and every 3 months in other cities. Estimates are made for unpriced cities each month. Prior to January 1953, indexes were based on food prices in 56 cities monthly, and prices of other commodities in 34 cities quarterly or monthly.

Price changes for the 46 cities are combined for the United States with weights based on 1950 population of cities represented by each sample city. City indexes are compiled for the 20 largest of the 46 cities.

**Retail food price index.**—Retail food price indexes are computed as a subgroup of the consumer price index. Weights used at various times are consistent with those for the index as a whole. In March 1943, the weights for the food index were revised to take account of changes in food purchases due to wartime shortages and rationing. In January 1946, these wartime weight adjustments were eliminated and certain other revisions made in the calculating procedures. In January 1950 and again in January 1953 the weights were revised as described above for the total consumer price index.

The indexes were computed from prices of 54 foods for the period from January 1935 to March 1943, 61 foods for the period March 1943 to June 1947, 50 foods from June 1947 to January 1950, 60 foods from January 1950 to December 1952, and 90 foods beginning January 1953.

**Comparability with other indexes.**—The National Industrial Conference Board prepares a monthly Consumer Price Index based on 1953=100 (see table 423) for the United States and for selected cities. This index is not fully comparable with that of the Bureau of Labor Statistics.

In comparing the movement of the indexes of consumer prices and of the prices paid by farmers for commodities bought for family living (table 811), it should be noted that the consumer price index includes rents and other services and the farm index does not, and that the list of commodities included in the two indexes and their geographic coverage differ because farm family buying differs considerably from that of city families, and farm and city workers are located in different parts of the country.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series L 50-51") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.



FIG. XIX.—WHOLESALE PRICE INDEXES: 1926 TO 1957

[1947-49=100. Prices in primary markets. See tables 414 and 416]

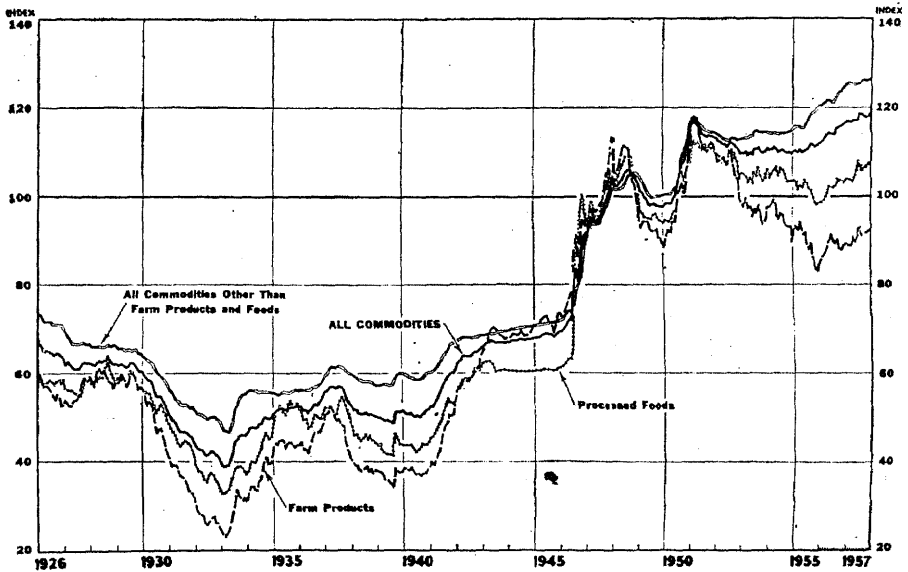
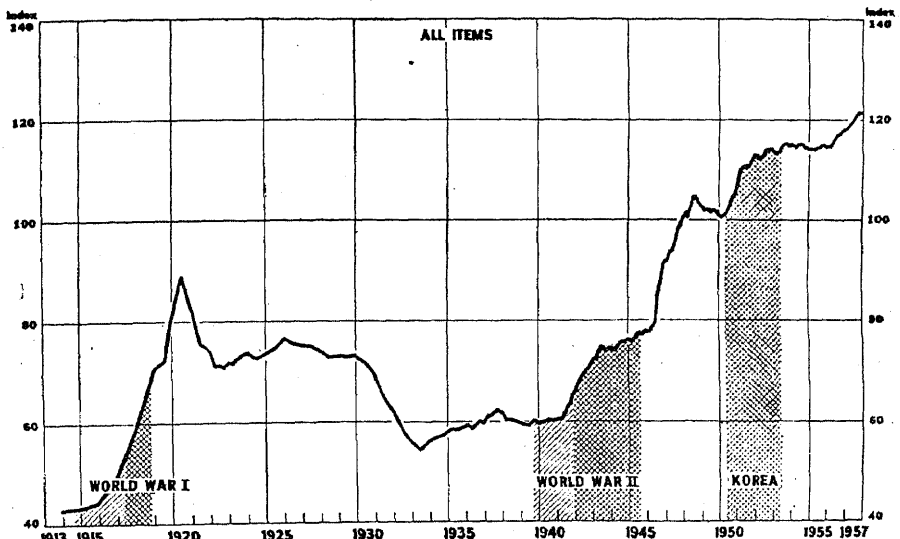


FIG. XX.—CONSUMER PRICE INDEX: 1913 TO 1957

[1947-49=100. See table 419]



Source of figs. XIX and XX: Department of Labor, Bureau of Labor Statistics.

# No. 414.—WHOLESALE PRICE INDEXES FOR ALL COMMODITIES, AND FOR ALL COMMODITIES OTHER THAN FARM PRODUCTS AND FOODS: 1926 TO 1958

[1947-49=100. This index is the official price index, beginning with January 1952. See text, p. 325]

YEAR	All commodities	All, other than farm products and foods	YEAR AND MONTH	All commodities	All, other than farm products and foods	YEAR AND MONTH	All commodities	All, other than farm products and foods
1926.....	65.0	71.5	1946.....	78.7	78.3	1956—Con.		
1927.....	62.0	67.2	1947.....	96.4	95.3	November.....	115.9	124.2
1928.....	62.9	66.4	1948.....	104.4	103.4	December.....	116.3	124.7
1929.....	61.9	65.5	1949.....	99.2	101.3			
1930.....	56.1	60.9	1950.....	103.1	105.0	1957.....	117.6	125.6
						January.....	116.9	125.2
1931.....	47.4	53.6	1951.....	114.8	115.9	February.....	117.0	125.5
1932.....	42.1	50.2	1952.....	111.6	113.2	March.....	116.9	125.4
1933.....	42.8	50.9	1953.....	110.1	114.0	April.....	117.2	125.4
1934.....	48.7	56.0	1954.....	110.3	114.5	May.....	117.1	125.2
1935.....	52.0	55.7	1955.....	110.7	117.0	June.....	117.4	125.2
						July.....	118.2	125.7
1936.....	52.5	56.9	1956.....	114.3	122.2	August.....	118.4	126.0
1937.....	56.1	61.0	January.....	111.9	120.4	September.....	118.0	126.0
1938.....	51.1	58.4	February.....	112.4	120.6	October.....	117.8	125.8
1939.....	59.1	58.1	March.....	112.8	121.0	November.....	118.1	125.9
1940.....	51.1	59.4	April.....	113.6	121.6	December.....	118.5	126.1
			May.....	114.4	121.7			
1941.....	56.8	63.7	June.....	114.2	121.5	1958:		
1942.....	64.2	68.3	July.....	114.0	121.4	January.....	118.9	126.1
1943.....	67.0	69.3	August.....	114.7	122.5	February.....	119.0	125.7
1944.....	67.6	70.4	September.....	115.5	123.1	March.....	119.7	125.7
1945.....	68.8	71.3	October.....	115.6	123.6			

Source: Department of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices*; and *Monthly Labor Review*.

# No. 415.—INDEXES OF SPOT PRIMARY MARKET PRICES OF 22 COMMODITIES: 1939 TO 1958

[1947-49=100. Figures in column heads represent number of commodities. Index is computed daily; represents unweighted geometric average of daily price quotations of 22 commodities, traded on organized exchanges. The index is much more sensitive to changes in market conditions than is monthly or weekly wholesale price index]

DATE	All commodities (22)	Foodstuffs (9)	Raw industrial (13)	Livestock and products (5)	Metals (5)	Textiles and fibers (4)	Fats and oils (4)
1939—Aug. 15.....	33.6	26.9	39.2	31.9	43.1	31.2	28.6
1941—Dec. 6.....	53.0	46.1	58.3	53.0	54.6	56.3	55.6
1945—Aug. 17.....	61.7	57.5	64.6	62.6	55.8	62.6	62.4
1950—June 20.....	88.4	85.1	90.7	71.4	98.8	96.3	59.4
1951—June 19.....	123.3	102.8	140.0	107.8	129.4	140.4	92.8
1952—June 17.....	96.9	93.5	99.3	71.3	113.2	95.4	65.0
1953—June 16.....	86.4	85.9	86.6	59.3	98.4	90.0	54.6
1954—June 15.....	91.6	97.7	87.4	72.2	96.8	87.7	69.5
1955—June 14.....	90.4	87.8	92.1	65.0	107.0	83.7	66.6
1956—June 12.....	89.0	81.8	94.2	63.7	116.9	79.3	66.9
1957—Mar. 12.....	88.8	81.2	94.3	67.2	110.5	83.2	69.5
June 18.....	89.4	83.7	93.3	70.0	104.0	84.3	67.5
1958—Mar. 18.....	85.5	89.3	82.8	74.7	84.7	76.7	69.2

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices*; also published daily and weekly in mimeographed reports.

No. 416.—WHOLESALE PRICE INDEXES, BY COMMODITIES: 1947 TO 1958  
[1947-49=100. See headnote, table 414]

COMMODITY GROUP	1947	1950	1954	1955	1956	1957		1958, March
						Average	March	
All commodities.....	96.4	103.1	110.3	110.7	114.3	117.6	116.9	119.7
All commodities other than farm products and foods.....	95.3	105.0	114.5	117.0	122.2	125.6	125.4	125.7
Special groups:								
All foods.....	98.1	98.5	103.6	101.0	100.8	104.0	101.0	112.4
Special metals and metal prod.....	91.3	109.7	125.9	132.9	143.3	146.9	146.5	146.9
Building materials.....	94.0	109.5	120.2	125.5	130.6	130.6	130.5	129.4
Farm products.....	100.0	97.5	95.6	89.6	88.4	90.9	88.8	100.5
Fresh and dried fruits and vegetables.....	98.4	91.4	99.2	104.1	104.2	103.6	94.1	143.1
Grains.....	110.9	89.7	91.5	87.0	87.0	84.1	87.5	82.2
Livestock and live poultry.....	97.6	99.0	85.5	75.8	71.3	80.2	76.6	95.8
Plant and animal fibers.....	97.4	116.2	106.2	102.4	102.8	104.0	104.0	101.7
Fluid milk.....	98.1	88.7	91.1	91.5	94.5	96.0	95.6	95.7
Eggs.....	96.0	84.9	79.9	85.7	81.9	77.2	63.8	93.6
Hay, hayseeds, and oilseeds.....	107.0	89.8	93.1	84.9	82.6	82.0	85.1	79.4
Other farm products.....	96.1	127.8	171.2	142.5	146.9	144.6	146.0	143.4
Processed foods.....	98.2	99.8	105.3	101.7	101.7	105.6	103.7	110.7
Cereal and bakery products.....	100.6	99.0	113.9	116.2	115.2	116.9	116.7	117.8
Meats, poultry, and fish.....	94.4	101.5	91.9	84.8	81.6	91.9	84.6	105.9
Dairy products and ice cream.....	96.1	94.8	106.1	106.1	108.6	111.7	111.3	113.4
Canned, frozen, fruits and vegetables.....	100.4	99.8	104.5	105.5	107.9	103.0	105.9	106.8
Sugar and confectionery.....	100.8	97.6	112.4	110.5	109.8	113.4	112.3	114.4
Packaged beverage materials.....	89.5	148.3	212.0	180.1	192.7	183.1	190.9	168.4
Animal fats and oils.....	119.9	71.6	93.0	67.7	60.8	75.6	78.8	73.7
Crude vegetable oils.....	122.1	75.6	68.7	62.2	68.5	65.7	67.6	63.6
Refined vegetable oils.....	119.8	75.1	75.4	71.2	73.4	70.1	78.2	70.0
Vegetable oil end products.....	109.8	82.4	85.0	81.4	85.3	86.1	89.2	85.8
Other processed foods.....	93.8	118.1	103.2	99.6	96.8	95.5	95.1	96.4
Textile products and apparel.....	100.1	99.2	95.2	95.3	95.3	95.4	95.4	94.0
Cotton products.....	103.1	99.5	89.2	91.5	93.0	90.7	91.1	89.0
Wool products.....	90.6	112.9	109.1	104.7	103.7	109.5	109.0	102.8
Man-made fiber textile products.....	96.6	95.3	85.7	86.6	81.4	82.0	81.7	81.0
Silk products.....	117.2	99.7	129.8	123.8	121.9	122.1	123.0	116.1
Apparel.....	101.2	96.3	98.5	98.5	99.6	99.6	99.6	99.3
Other textile products.....	103.6	110.5	79.8	74.5	72.8	76.4	76.1	73.8
Hides, skins, leather, and leather products.....	101.0	104.6	94.2	93.8	99.3	99.4	98.4	99.5
Hides and skins.....	109.1	103.0	55.2	56.6	59.2	55.2	51.0	51.2
Leather.....	105.8	107.0	85.2	84.6	91.2	90.2	88.6	91.0
Footwear.....	96.1	106.5	111.8	112.3	119.3	121.1	120.7	122.1
Other leather products.....	99.9	98.2	97.0	95.9	98.6	98.0	97.8	97.5
Fuel, power, and lighting materials.....	90.9	103.0	108.1	107.9	111.2	117.2	119.2	112.4
Coal.....	88.0	106.2	106.3	104.8	114.5	124.4	123.6	126.2
Coke.....	84.2	116.1	132.5	135.2	149.7	161.7	161.9	161.9
Gas.....	96.1	98.2	108.8	111.6	115.1	116.1	118.4	( <sup>1</sup> )
Electricity.....	98.0	100.1	101.8	97.0	94.2	95.5	94.9	( <sup>1</sup> )
Petroleum and products.....	88.2	103.7	110.8	112.7	118.2	127.0	130.7	117.0
Chemicals and allied products.....	101.4	96.3	107.0	106.6	107.2	109.5	108.8	110.7
Industrial chemicals.....	98.8	101.1	117.6	118.1	121.4	123.5	122.9	123.7
Prepared paint.....			112.8	114.5	120.0	126.3	124.1	128.4
Paint materials.....	99.1	96.8	96.3	96.8	99.6	100.5	100.1	104.4
Drugs and pharmaceuticals.....	105.3	92.5	93.9	92.8	92.1	93.3	93.2	94.0
Fats and oils, inedible.....	127.6	68.7	57.8	56.6	56.2	61.4	57.9	64.2
Mixed fertilizer.....	94.0	101.3	109.7	108.7	108.7	110.0	108.5	111.6
Fertilizer materials.....	95.0	101.7	113.0	112.6	108.4	106.8	106.8	110.3
Other chemicals and allied prod.....	100.7	94.6	107.5	106.0	103.2	105.7	105.2	106.8
Rubber and rubber products.....	99.0	120.5	126.9	143.8	145.8	145.2	144.3	144.6
Crude rubber.....	103.0	157.3	123.1	156.8	146.7	141.3	142.0	131.3
Tires and tubes.....	99.4	113.6	130.6	144.9	152.2	150.9	149.0	152.1
Other rubber products.....	96.3	109.9	124.1	134.4	138.0	140.9	140.0	143.3
Lumber and wood products.....	93.7	113.9	118.0	123.6	125.4	119.0	120.1	115.5
Lumber.....	94.5	114.5	117.3	124.4	127.2	119.7	121.2	115.9
Millwork.....	87.3	114.6	130.6	128.7	129.1	128.3	128.7	127.6
Plywood.....	95.9	106.5	103.1	105.4	101.7	96.4	96.2	92.9

See footnotes at end of table.

## No. 416.—WHOLESALE PRICE INDEXES, BY COMMODITIES: 1947 TO 1958—Con.

[1947-49=100]

COMMODITY GROUP	1947	1950	1954	1955	1956	1957		1958, March
						Average	March	
<b>Pulp, paper, and allied products</b> .....	98.6	100.9	116.3	119.3	127.2	129.6	128.7	130.5
Woodpulp.....	95.6	95.6	109.6	112.9	117.7	118.8	118.0	121.2
Wastepaper.....	148.3	119.5	80.4	110.7	112.3	77.2	75.4	75.3
Paper.....	93.4	106.5	126.6	129.8	137.3	141.9	140.1	143.0
Paperboard.....	99.2	105.0	124.5	127.1	134.8	136.3	136.2	136.2
Converted paper and paperboard prod.....	100.5	97.7	112.0	113.9	123.1	126.1	125.6	127.2
Building paper and board.....	93.0	107.6	127.7	130.0	136.9	141.5	141.1	142.5
<b>Metals and metal products</b> .....	91.3	110.3	128.0	136.6	148.4	151.2	151.0	149.8
Iron and steel.....	89.7	113.1	132.9	140.6	154.7	166.2	163.8	167.3
Nonferrous metals.....	95.6	104.1	124.2	142.7	156.1	137.4	143.2	127.0
Metal containers.....	90.6	109.2	130.6	132.9	141.6	151.2	148.0	155.7
Hardware.....	92.9	114.2	139.3	146.4	155.9	164.9	162.2	168.9
Plumbing equipment.....	94.7	108.2	118.4	125.4	133.9	130.2	132.0	124.8
Heating equipment.....	95.3	105.1	114.3	115.0	119.0	122.1	121.6	121.0
Fabricated structural metal prod.....	96.8	104.2	117.1	122.5	132.6	133.8	133.4	134.5
Fabricated nonstructural metal prod.....	84.3	115.6	125.9	128.2	135.1	144.7	142.8	146.7
<b>Machinery and motive products</b> .....	92.5	108.6	124.6	128.4	137.8	146.1	144.8	149.2
Agricultural machinery and equip.....	90.3	110.7	122.2	123.2	127.6	133.5	132.2	138.3
Construction machinery and equip.....	90.0	111.5	131.6	137.1	148.6	160.0	156.7	165.4
Metalworking machinery and equip.....	93.6	112.0	133.2	142.5	156.4	167.0	164.9	170.7
General purpose machinery and equip.....	92.6	110.3	128.2	134.0	147.5	157.6	155.9	159.4
Miscellaneous machinery.....	93.8	107.4	125.5	129.2	137.0	145.2	143.3	148.9
Electrical machinery and equip.....	96.1	106.4	120.2	128.2	138.4	149.0	147.5	151.3
Motor vehicles.....	91.3	107.2	119.3	122.9	129.8	135.4	134.6	139.1
<b>Furniture and other household durables</b> .....	95.6	105.3	115.4	115.9	119.1	122.2	121.9	123.5
Household furniture.....	95.6	105.2	113.3	114.0	119.0	122.5	122.2	122.8
Commercial furniture.....	94.6	109.7	126.7	132.0	141.8	150.4	146.9	154.2
Floor coverings.....	95.7	115.0	123.2	126.4	131.1	133.4	134.3	129.8
Household appliances.....	97.1	101.9	109.6	106.8	105.5	105.5	106.8	105.3
Radio receivers and phonographs.....			95.6	92.6	90.3			
Television receivers.....			71.2	69.1	69.7			
Television, radio receivers, and phonographs.....	96.3	96.8	(1)	93.0	93.1	94.4	93.1	94.7
Other household durable goods.....	93.4	108.7	130.1	133.5	140.9	148.3	147.0	155.0
<b>Nonmetallic minerals, structural</b> .....	93.9	106.9	120.9	124.2	129.6	134.6	133.2	135.3
Flat glass.....	95.0	107.4	124.4	128.0	133.4	135.7	135.7	135.7
Concrete ingredients.....	93.0	106.8	121.0	124.8	130.6	136.0	135.1	133.7
Concrete products.....	95.1	105.5	117.5	118.6	123.0	126.4	125.7	128.0
Structural clay products.....	93.3	112.6	133.1	140.1	148.0	154.0	150.8	155.5
Gypsum products.....	94.5	104.6	122.1	122.1	127.1	127.1	127.1	133.1
Prepared asphalt roofing.....	94.1	101.3	104.0	106.1	111.7	122.3	118.2	105.6
Other nonmetallic minerals.....	93.7	106.8	120.1	121.2	123.4	128.0	127.5	131.1
<b>Tobacco manufactures and bottled beverages</b> .....	97.2	103.5	120.6	121.6	122.3	126.1	124.1	128.0
Cigarettes.....	94.3	108.4	124.0	124.0	124.0	129.4	124.0	134.8
Cigars.....	99.4	100.9	103.6	103.9	104.2	105.0	105.1	106.0
Other tobacco manufactures.....	96.0	105.3	121.0	121.8	122.8	136.0	126.0	136.0
Alcoholic beverages.....	97.4	101.9	114.4	114.6	115.8	119.5	119.0	120.3
Nonalcoholic beverages.....	99.6	101.0	142.3	148.1	148.3	149.2	149.0	149.3
<b>Miscellaneous products</b> .....	100.8	96.6	102.5	92.0	91.0	89.6	92.0	94.3
Toys, sporting goods, small arms, and ammunition.....	97.1	106.9	113.2	113.5	116.1	117.7	117.5	119.1
Manufactured animal feeds.....	103.4	91.4	96.0	75.7	72.0	67.3	72.0	74.6
Notions and accessories.....	103.2	92.0	95.0	92.1	95.3	97.3	96.7	97.5
Jewelry, watches, photo. equip.....	99.9	97.4	102.7	103.7	104.9	107.5	107.6	107.4
Other miscellaneous products.....	94.1	108.6	121.0	121.6	124.1	128.4	126.5	131.9

1 Not available.

Source: Department of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices*; and *Monthly Labor Review*.

## No. 417.—WHOLESALE PRICE INDEXES, BY STAGE OF PRODUCTION: 1947 TO 1957

[1947-49=100. These indexes are a regrouping of the regular Wholesale Price Index Series to show price movements at various levels of production and in the various sectors of the economy. The new series comprise three major categories: (a) raw or crude materials; (b) intermediate materials for further processing, components, and supplies; (c) finished goods. Each of these three is further divided in accordance with end-use and durability]

STAGE OF PRODUCTION	1947	1950	1951	1952	1953	1954	1955	1956	1957
<b>All commodities.....</b>	<b>96.4</b>	<b>103.1</b>	<b>114.8</b>	<b>111.6</b>	<b>110.1</b>	<b>110.3</b>	<b>110.7</b>	<b>114.3</b>	<b>117.6</b>
Crude materials for further processing.....	98.6	101.8	116.9	107.4	99.2	98.3	94.5	95.0	97.2
Foodstuffs and feedstuffs.....	100.7	97.0	112.3	105.7	94.6	94.7	85.7	84.0	87.7
Nonfood materials, except fuel.....	96.0	111.0	128.1	110.9	106.2	104.2	110.1	114.2	112.5
For manufacturing.....	96.1	111.2	128.6	110.8	105.8	103.6	109.6	113.6	111.5
For construction.....	93.0	106.8	113.0	113.0	117.4	121.0	124.9	130.6	136.0
Fuel.....	89.4	104.6	106.5	107.2	111.0	106.0	105.8	113.3	119.7
For manufacturing.....	89.3	104.5	106.2	106.9	110.5	105.5	105.4	113.0	119.4
For nonmanufacturing industries.....	89.5	104.7	106.9	107.8	111.8	106.7	105.5	113.7	120.1
Intermediate materials, supplies, and components.....	96.2	104.3	116.9	113.5	114.1	114.8	117.0	122.1	125.1
Materials and components for manufacturing.....	96.4	104.5	118.4	113.4	115.2	115.4	118.2	123.7	126.9
Materials for—									
Food manufacturing.....	102.8	94.9	105.7	101.5	101.8	100.9	97.7	98.0	99.9
Nondurable manufacturing.....	99.2	100.5	116.5	104.8	104.0	102.3	102.7	104.3	105.7
Durable manufacturing.....	91.2	111.9	124.3	124.6	130.1	133.1	139.7	148.5	153.2
Components for manufacturing.....	94.4	107.6	122.2	122.5	124.7	125.3	130.9	142.9	148.3
Materials and components for construction.....	93.3	108.9	119.1	118.3	120.2	120.9	125.6	132.0	132.9
Processed fuels and lubricants.....	94.8	99.7	104.2	102.8	103.6	103.5	103.5	106.7	113.0
For manufacturing.....	95.8	98.9	103.5	102.3	102.5	102.5	102.2	105.3	111.2
For nonmanufacturing industries.....	93.1	101.1	105.4	103.7	105.5	105.3	105.7	109.1	116.0
Containers, nonreturnable.....	97.0	104.4	122.7	116.0	116.2	118.2	119.8	128.5	134.3
Supplies.....	99.0	100.8	113.5	113.5	107.8	110.2	108.5	111.3	112.5
For manufacturing.....	96.6	108.3	120.7	117.6	118.3	120.0	127.3	132.9	137.6
For nonmanufacturing industries.....	100.1	97.5	110.4	111.8	103.2	105.9	100.0	101.6	101.1
Manufactured animal feeds.....	104.1	90.0	100.2	108.7	88.9	96.3	76.7	72.9	67.6
Other supplies.....	97.9	101.7	116.0	113.4	111.1	111.2	113.4	118.2	120.7
Finished goods <sup>1</sup> .....	95.9	102.4	112.1	111.5	110.4	110.7	110.9	114.6	118.1
Consumer goods.....	96.8	100.9	110.3	109.0	107.1	107.1	106.4	108.0	111.1
Foodstuffs.....	97.0	99.2	111.3	110.4	104.6	103.8	101.1	101.0	104.5
Crude foods.....	96.9	89.9	103.2	109.9	102.6	92.3	96.4	96.2	95.0
Processed foods.....	97.0	100.9	112.8	110.5	105.0	106.0	102.2	102.1	106.4
Other nondurable goods.....	97.4	100.8	108.5	105.9	106.9	107.2	107.8	109.9	112.4
Durable goods.....	94.8	105.0	112.1	113.0	113.8	114.7	115.9	119.7	123.3
Producer goods.....	92.8	108.7	119.3	121.3	123.1	124.7	128.5	138.1	146.7
For manufacturing.....	92.8	109.0	120.3	122.7	124.7	126.4	130.9	142.2	151.2
For nonmanufacturing industries.....	92.8	108.4	118.5	120.2	121.9	123.4	126.6	134.9	142.9

<sup>1</sup> Goods to users, including raw foods and fuels.

Source: Department of Labor, Bureau of Labor Statistics; release, *Economic Sector Indexes*, January 1947-July 1956, and monthly releases, *Wholesale Prices and Price Indexes*.

## No. 418.—PURCHASING POWER OF THE DOLLAR: 1935 TO 1957

[1947-49=100. Obtained by computing reciprocals of price indexes compiled by Department of Labor, Bureau of Labor Statistics; these reciprocals are expressed as percentages with average of base period 1947-49=100]

YEAR	MONTHLY AVERAGE AS MEASURED BY—			YEAR	MONTHLY AVERAGE AS MEASURED BY—		
	Whole-sale prices	Con-sumer prices	Retail food prices		Whole-sale prices	Con-sumer prices	Retail food prices
1935.....	192.3	170.4	201.2	1949.....	100.8	98.2	100.0
1940.....	195.7	166.9	209.2	1950.....	97.0	97.3	98.8
1941.....	176.1	159.0	191.6	1951.....	87.1	90.1	88.8
1942.....	155.8	143.5	163.1	1952.....	89.6	88.1	87.3
1943.....	149.3	135.1	146.4	1953.....	90.8	87.4	88.7
1944.....	147.9	133.0	148.4	1954.....	90.7	87.1	88.8
1945.....	145.3	130.0	145.1	1955.....	90.3	87.3	90.2
1946.....	127.1	119.9	126.6	1956.....	87.5	86.1	89.5
1947.....	103.7	104.7	104.3	1957.....	85.0	83.2	86.7
1948.....	95.8	97.3	96.1				

Source: Department of Commerce, Office of Business Economics; monthly data published in *Survey of Current Business*.

# No. 419.—CONSUMER PRICE INDEX—ALL ITEMS AND COMMODITY GROUPS: 1913 TO 1958

[1947-49=100. The Consumer Price Index from 1913 to December 1952 is rebased according to new groupings from adjusted series indexes on 1935-39=100 formerly published. For detailed explanation, see text, p. 325. These indexes include a correction of new unit bias in the rent index from 1940 to December 1949 and adjusted population and commodity weights beginning with indexes for January 1950. These adjustments make a continuous comparable series]

YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel	YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel	YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel
1913.....	42.3	39.6	76.6	36.2	1924.....	73.1	60.8	126.9	65.3	1935.....	58.7	49.7	78.2	50.6
1914.....	42.9	40.5	76.6	36.5	1925.....	75.0	65.8	126.4	64.0	1936.....	59.3	50.1	80.1	51.0
1915.....	43.4	40.0	77.2	37.3	1926.....	75.6	68.0	125.2	63.0	1937.....	61.4	52.1	83.8	53.7
1916.....	46.6	45.0	78.1	40.9	1927.....	74.2	65.5	123.2	61.8	1938.....	60.3	48.4	86.5	53.4
1917.....	54.8	57.9	77.4	49.2	1928.....	73.3	64.8	120.3	60.9	1939.....	59.4	47.1	86.6	52.5
1918.....	64.3	66.5	78.8	66.6	1929.....	73.3	65.6	117.4	60.3	1940.....	59.9	47.8	86.9	53.2
1919.....	74.0	74.2	85.3	88.2	1930.....	71.4	62.4	114.2	58.9	1941.....	62.0	52.2	88.4	55.6
1920.....	85.7	83.6	100.2	105.1	1931.....	65.0	51.4	108.2	53.6	1942.....	69.7	61.3	90.4	64.9
1921.....	76.4	63.5	115.1	80.9	1932.....	58.4	42.8	97.1	47.5	1943.....	74.0	68.3	90.3	67.8
1922.....	71.6	59.4	118.5	65.7	1933.....	55.3	41.6	83.6	45.9	1944.....	75.2	67.4	90.6	72.6
1923.....	72.9	61.4	121.6	65.8	1934.....	57.2	46.4	78.4	50.2	1945.....	78.9	68.9	90.9	76.3
										1946.....	83.4	70.0	91.4	83.7

YEAR AND MONTH	All items	Food <sup>1</sup>	HOUSING						Ap- parel	Trans- por- tation	Med- ical care	Per- sonal care	Read- ing and recre- ation	Other goods and serv- ices <sup>2</sup>
			Total <sup>2</sup>	Rent	Gas and elec- tricity	Solid fuels and fuel oil	House- fur- nish- ings	House- hold oper- ation						
1947.....	95.5	95.9	95.0	94.4	97.6	88.8	97.2	97.2	97.1	90.6	94.9	97.6	95.5	96.1
1948.....	102.8	104.1	101.7	100.7	100.0	104.4	103.2	102.6	103.5	100.9	100.9	101.3	100.4	100.6
1949.....	101.3	100.0	103.3	105.0	102.5	106.8	99.6	100.1	99.4	108.5	104.1	101.1	104.1	103.4
1950.....	102.8	101.2	106.1	108.8	102.7	110.5	100.3	101.2	98.1	111.3	106.0	101.1	103.4	105.2
1951.....	111.0	112.6	112.4	113.1	103.1	116.4	111.2	109.0	106.9	118.4	111.1	110.5	106.5	109.7
1952.....	113.5	114.6	114.6	117.9	104.5	118.7	108.5	111.8	105.8	126.2	117.2	111.8	107.0	115.4
1953.....	114.4	112.8	117.7	124.1	106.6	123.9	107.9	115.3	104.8	129.7	121.3	112.8	108.0	118.2
March.....	113.6	111.7	116.8	121.7	106.5	124.4	108.0	114.0	104.7	129.3	119.5	112.4	107.7	117.5
June.....	114.5	113.7	117.4	123.3	106.4	121.8	108.0	115.4	104.6	129.4	121.1	112.6	107.8	118.2
Sept.....	116.2	113.8	118.4	126.0	106.9	124.6	108.1	116.0	105.3	130.7	122.6	112.9	107.8	118.5
Dec.....	114.9	112.3	118.9	127.6	107.2	125.3	108.1	117.0	103.5	128.9	123.6	113.6	108.9	120.3
1954.....	114.8	112.6	119.1	128.5	107.9	123.5	106.1	117.4	104.3	128.0	125.2	113.4	107.0	120.1
March.....	114.8	112.1	119.0	128.0	107.6	125.8	107.2	117.5	104.3	129.0	124.4	114.1	108.2	120.1
June.....	115.1	113.8	118.9	128.3	107.6	120.9	105.8	117.2	104.2	128.9	125.1	112.7	106.4	120.1
Sept.....	114.7	112.4	119.5	128.8	107.9	122.4	106.0	117.4	104.3	126.4	125.7	113.5	106.5	120.1
Dec.....	114.3	110.4	119.7	129.4	109.1	125.5	105.4	117.7	104.3	127.3	126.3	113.6	106.6	119.9
1955.....	114.5	110.9	120.0	130.3	110.7	125.2	104.1	119.1	103.7	126.4	128.0	115.3	106.6	120.2
March.....	114.3	110.8	119.6	130.0	110.3	126.2	104.6	117.9	103.2	127.3	127.0	113.5	106.6	119.8
June.....	114.4	111.3	119.7	130.4	110.7	122.7	103.8	119.2	103.2	125.8	127.6	114.7	106.2	119.9
Sept.....	114.9	111.6	120.4	130.5	111.2	125.2	103.6	119.8	104.6	125.3	128.2	116.6	106.7	120.6
Dec.....	114.7	109.5	120.8	131.1	111.5	128.0	103.4	120.7	104.7	127.3	130.2	117.9	106.8	120.6
1956.....	116.2	111.7	121.7	132.7	111.8	130.7	103.0	122.9	105.5	128.7	132.6	120.0	108.1	122.0
March.....	114.7	109.0	120.7	131.6	111.7	130.6	103.1	121.6	104.8	126.7	131.4	119.2	107.7	121.2
June.....	116.2	113.2	121.4	132.5	111.7	128.4	102.8	122.6	104.8	126.8	132.0	119.9	107.6	121.8
Sept.....	117.1	113.1	122.5	133.4	112.2	130.5	103.5	123.7	106.5	128.6	134.0	120.5	108.4	122.7
Dec.....	118.0	112.9	123.5	134.2	112.0	136.1	104.1	124.8	107.0	133.1	134.7	121.8	109.3	123.3
1957.....	120.2	115.4	125.6	135.2	113.0	137.4	104.6	127.5	106.9	136.0	138.0	124.4	112.2	125.5
March.....	118.9	113.2	124.9	134.4	112.4	139.2	104.9	126.2	106.8	135.1	136.4	122.9	110.5	124.2
June.....	120.2	116.2	125.5	135.0	112.3	135.3	104.6	127.6	106.6	135.3	137.9	124.2	111.8	124.6
Sept.....	121.1	117.0	126.3	135.7	113.7	136.8	104.8	128.3	107.3	135.9	139.0	125.1	113.3	126.7
Dec.....	121.6	116.1	127.0	136.7	114.3	138.3	104.9	129.6	107.6	138.9	140.8	127.0	114.6	126.8
1958.....														
March.....	123.3	120.8	127.5	137.1	115.9	136.7	103.9	130.7	106.8	138.7	142.3	128.3	117.0	127.2

<sup>1</sup> Includes "food away from home" (restaurant meals and other food bought and eaten away from home) beginning January 1953.

<sup>2</sup> Includes "other shelter" (home purchase and other home owner costs).

<sup>3</sup> Comprises tobacco, alcoholic beverages, and miscellaneous services such as legal services, banking fees, burial services.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

No. 420.—CONSUMER PRICE INDEX—ALL ITEMS, 1920 TO 1957, AND COMMODITY GROUPS, 1957, BY CITIES

[1947-49=100. As of December except where noted. For detailed explanation, see text, p. 325, and headnote, table 419]

CITY	ALL ITEMS								
	1920	1929	1939	1950	1953	1954	1955	1956	1957
<b>United States</b> (46 cities) <sup>1</sup> .....	82.7	73.4	59.6	106.9	114.9	114.3	114.7	118.0	121.6
Atlanta.....	89.4	73.5	58.2	<sup>2</sup> 108.5	117.1	115.7	117.1	119.5	122.4
Baltimore.....	75.2	68.8	57.5	106.5	114.5	114.8	115.8	119.5	122.1
Boston.....	87.0	77.0	60.8	106.3	<sup>3</sup> 113.8	<sup>3</sup> 113.5	<sup>3</sup> 114.5	<sup>3</sup> 119.3	<sup>3</sup> 122.0
Chicago.....	80.8	75.9	58.6	107.7	116.4	117.0	118.5	121.0	125.6
Cincinnati.....	78.0	72.6	58.3	105.9	114.6	113.3	114.2	117.5	120.8
Cleveland.....	81.1	69.3	59.2	<sup>2</sup> 105.4	<sup>2</sup> 115.5	<sup>2</sup> 115.3	<sup>2</sup> 116.2	<sup>2</sup> 120.0	<sup>2</sup> 123.3
Detroit.....	89.4	73.9	59.1	107.4	116.4	116.2	116.7	120.2	123.3
Houston.....	85.4	71.3	59.8	109.9	<sup>2</sup> 117.3	<sup>2</sup> 116.7	<sup>2</sup> 116.7	<sup>2</sup> 119.7	<sup>2</sup> 122.4
Kansas City, Mo.....	90.4	73.2	61.7	<sup>3</sup> 105.0	<sup>3</sup> 115.7	<sup>3</sup> 115.7	<sup>3</sup> 116.2	<sup>3</sup> 118.9	<sup>3</sup> 121.8
Los Angeles.....	86.1	74.4	60.1	106.8	115.8	115.3	116.3	119.4	122.9
Minneapolis.....	81.8	70.8	61.1	107.3	<sup>3</sup> 116.6	<sup>3</sup> 116.9	<sup>3</sup> 116.4	<sup>3</sup> 117.4	<sup>3</sup> 122.2
New York.....	81.0	74.3	60.5	106.0	113.0	112.2	112.0	115.5	118.7
Philadelphia.....	82.4	74.2	59.3	107.0	115.0	115.6	114.8	118.6	122.1
Pittsburgh.....	81.5	73.5	58.1	106.0	<sup>3</sup> 114.7	<sup>3</sup> 114.3	<sup>3</sup> 113.8	<sup>3</sup> 118.2	<sup>3</sup> 121.1
Portland, Oreg.....	80.6	68.0	58.3	<sup>3</sup> 106.4	<sup>3</sup> 116.1	<sup>3</sup> 115.2	<sup>3</sup> 116.2	<sup>3</sup> 119.5	<sup>3</sup> 121.9
St. Louis.....	80.8	74.1	59.4	107.1	116.9	115.4	116.1	119.1	122.5
San Francisco.....	76.7	69.1	58.6	106.2	116.9	115.7	115.9	121.6	124.8
Scranton.....	82.1	76.4	58.6	<sup>2</sup> 104.2	<sup>2</sup> 113.4	<sup>2</sup> 112.3	<sup>2</sup> 110.9	<sup>2</sup> 114.9	<sup>2</sup> 117.8
Seattle.....	80.6	70.0	59.0	<sup>2</sup> 107.1	<sup>2</sup> 116.4	<sup>2</sup> 115.7	<sup>2</sup> 117.4	<sup>2</sup> 120.2	<sup>2</sup> 123.9
Washington, D. C.....	79.2	69.7	60.2	<sup>2</sup> 105.7	<sup>2</sup> 114.3	<sup>2</sup> 113.5	<sup>2</sup> 113.7	<sup>2</sup> 115.9	<sup>2</sup> 119.4

CITY	1957												
	Food <sup>4</sup>	HOUSING						Ap- parel	Trans- por- tation	Med- ical care	Per- sonal care	Read- ing and recre- ation	Other goods and serv- ices <sup>6</sup>
		To- tal <sup>5</sup>	Rent	Gas and elec- tricity	Solid fuels and fuel oil	House fur- nish- ings	House- hold oper- ation						
<b>United States (46 cities)<sup>1</sup></b>	116.1	127.0	136.7	114.3	138.3	104.9	129.6	107.6	138.9	140.8	127.0	114.6	126.8
Atlanta	113.6	130.0	136.7	119.6	130.7	110.3	136.1	113.8	139.0	133.2	129.1	116.7	132.1
Baltimore	117.4	122.2	132.7	101.4	134.6	101.0	127.0	107.0	150.7	145.0	121.1	126.3	131.7
Boston <sup>2</sup>	116.6	129.9	138.7	111.5	138.6	104.7	125.7	105.9	145.7	149.0	127.6	110.2	124.8
Chicago	113.9	136.4	<sup>2</sup> 162.0	114.6	139.9	103.3	133.2	110.6	150.7	147.0	128.2	127.0	121.5
Cincinnati	117.6	124.4	141.3	123.2	145.9	98.4	133.6	105.7	133.6	148.8	129.5	107.1	123.7
Cleveland <sup>2</sup>	113.7	129.4	159.2	115.4	136.3	103.8	116.9	109.0	138.3	150.8	127.6	120.9	127.2
Detroit	117.4	129.0	149.0	112.4	129.7	109.4	119.2	104.0	136.5	151.1	132.0	110.7	135.7
Houston <sup>2</sup>	112.6	130.3	139.1	116.2		100.5	140.4	111.3	139.0	129.2	134.4	113.4	128.1
Kansas City, Mo. <sup>2</sup>	112.2	124.4	140.1	122.8	120.1	101.9	130.8	105.7	138.8	152.4	126.5	125.2	126.4
Los Angeles	119.5	133.4	<sup>2</sup> 144.7	130.6		104.1	122.6	108.7	131.5	131.9	131.4	104.4	123.7
Minneapolis <sup>3</sup>	115.5	127.5	150.2	124.8	131.3	99.8	128.4	108.2	118.6	170.1	134.8	121.0	131.6
New York	115.8	123.0	125.2	111.0	145.4	104.9	128.2	107.0	139.6	129.7	119.2	118.2	126.1
Philadelphia	118.8	122.6	<sup>2</sup> 124.7	103.4	142.5	111.2	130.8	106.7	144.3	142.8	132.3	118.9	128.6
Pittsburgh <sup>3</sup>	117.5	124.1	128.2	129.5	131.1	108.1	135.2	107.3	145.5	146.8	123.7	105.8	126.8
Portland, Oreg. <sup>2</sup>	116.9	126.6	136.1	102.0	149.0	106.6	127.5	111.9	129.2	139.5	130.1	120.4	126.9
St. Louis	117.5	125.6	144.6	103.8	153.7	105.0	132.1	105.8	146.1	156.2	128.2	96.5	126.8
San Francisco	119.5	127.4	141.5	139.3		107.2	120.6	108.2	152.4	141.0	122.2	115.9	123.7
Scranton <sup>2</sup>	112.2	122.0	128.0	117.7	146.1	103.8	115.9	109.5	141.8	125.5	127.2	135.1	119.3
Seattle <sup>2</sup>	116.4	128.9	143.3	86.0	144.4	103.3	137.3	108.7	141.2	143.6	131.0	118.0	136.0
Washington, D. C. <sup>2</sup>	116.8	120.5	126.1	122.7	142.7	100.8	127.1	103.6	141.6	133.1	122.4	112.2	136.5

<sup>1</sup> 34 cities prior to January 1953. Indexes for food based on prices in 51 cities through 1942, 56 cities 1943 through 1952, and 46 cities beginning January 1953. Separate city indexes not compiled for 26 medium- and small-sized cities included in the national average.

<sup>2</sup> As of November. <sup>3</sup> As of October.

<sup>4</sup> Includes "food away from home" (restaurant meals and other food bought and eaten away from home).

<sup>5</sup> Includes "other shelter" (home purchase and other home owner costs).

<sup>6</sup> Comprises tobacco, alcoholic beverages, and miscellaneous services such as legal services, banking fees, burial services.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and records.

# No. 421.—CONSUMER PRICE INDEX—RESIDENTIAL RENTS IN SPECIFIED LARGE CITIES, GROUPED BY DATE OF RENT DECONTROL: 1947 TO 1957

[1947-49=100. Annual average]

CITY	Date of decontrol <sup>1</sup>	1947	1950	1951	1952	1953	1954	1955	1956	1957
Houston.....	October 1949.....	91.4	126.4	131.1	134.2	137.4	138.7	138.1	138.5	138.7
Los Angeles.....	December 1950.....	92.3	114.0	125.4	130.6	135.6	138.7	139.5	141.8	143.7
Portland, Oreg.....	do.....	94.7	108.2	117.6	124.1	127.4	129.1	130.4	132.2	135.4
Atlanta.....	October 1952.....	90.6	113.6	117.2	121.4	128.5	131.0	133.5	135.1	136.2
Detroit.....	do.....	94.6	106.3	109.5	116.1	120.7	138.2	141.1	144.8	147.6
Seattle.....	do.....	93.2	109.2	115.1	123.1	131.3	135.2	137.4	139.0	141.9
Seranton.....	May 1953.....	95.9	107.0	112.0	116.6	119.8	122.9	123.9	125.4	127.3
Cincinnati.....	do.....	95.1	104.8	108.7	112.3	124.7	129.1	132.2	135.8	139.8
Chicago.....	July 1953.....	92.4	109.2	113.3	117.9	130.2	142.7	150.7	159.0	160.3
Cleveland.....	do.....	95.4	107.3	112.0	118.3	129.4	140.6	144.2	150.6	157.0
Kansas City, Mo.....	do.....	92.9	112.3	115.9	120.2	127.6	135.0	138.3	139.2	139.9
Minneapolis.....	do.....	92.8	109.7	114.8	119.1	125.0	138.9	141.6	145.7	149.3
Pittsburgh.....	do.....	95.4	105.3	108.5	113.2	118.4	123.2	124.5	125.8	127.7
St. Louis.....	do.....	94.3	106.9	110.5	115.1	122.8	133.5	136.5	139.5	142.5
San Francisco.....	do.....	95.8	104.6	113.0	118.3	125.3	129.3	132.3	135.3	139.5
Washington.....	do.....	96.3	107.5	112.3	117.7	120.1	123.0	123.5	124.4	125.6
Boston.....	December 1955.....	95.3	107.2	111.1	115.6	118.0	121.6	124.8	132.2	137.0
Baltimore.....	March 1956.....	94.6	109.4	113.0	118.0	121.2	124.2	125.9	128.2	131.5
Philadelphia.....	December 1956.....	94.7	105.2	107.2	111.4	113.0	115.2	116.5	118.2	123.0
New York.....	( <sup>2</sup> ).....	96.8	104.2	105.9	109.0	113.5	116.6	118.0	120.5	123.4

<sup>1</sup> Date wartime controls on rents were removed.<sup>2</sup> Still under control.

Source: Department of Labor, Bureau of Labor Statistics.

# No. 422.—AVERAGE COSTS OF SPECIFIED MEDICAL SERVICES: 1956

[As of most recent month available in last quarter. Based on data collected primarily for calculation in Consumer Price Index; see text, p. 325]

CITY	HOSPITAL COSTS PER DAY			GENERAL PRACTITIONER		Obstetrical case <sup>1</sup>	Appendectomy <sup>1</sup>	Tonsillectomy <sup>1</sup>	Tooth filling <sup>2</sup>	Eye glasses <sup>3</sup>
	Men's pay ward	Semi-private room	Private room	Office visit	House visit					
Atlanta.....	10.75	12.00	14.62	3.83	6.33	147.50	158.33	65.00	4.17	<sup>4</sup> 25.12
Baltimore.....	12.88	13.60	16.12	2.92	4.67	147.50	129.17	52.50	4.08	21.33
Boston.....	18.25	20.88	23.88	3.00	4.00	125.17	166.67	65.83	4.40	20.83
Chicago.....	15.80	17.60	19.80	3.60	5.83	112.50	158.33	75.00	4.50	20.58
Cincinnati.....	10.50	14.38	17.00	3.00	5.00	92.17	145.83	60.00	3.50	<sup>4</sup> 19.93
Cleveland.....	<sup>5</sup> 21.31	<sup>5</sup> 24.40	<sup>5</sup> 29.40	4.00	5.83	126.33	137.50	65.83	4.83	<sup>4</sup> 28.54
Detroit.....	15.56	17.56	21.56	4.00	6.00	109.50	158.33	70.83	4.83	<sup>4</sup> 22.96
Houston.....	9.12	11.50	14.25	3.25	6.67	133.00	170.83	67.86	4.83	20.88
Kansas City.....	9.62	12.38	14.38	3.00	5.83	112.33	138.50	57.50	4.25	<sup>4</sup> 29.58
Los Angeles.....	19.70	21.80	24.80	4.67	7.50	166.67	187.50	99.17	6.75	28.58
Minneapolis.....	17.15	18.50	21.15	3.00	5.17	107.50	160.71	49.17	4.00	22.92
New York.....	15.80	18.40	23.40	3.83	4.67	162.17	187.50	87.50	5.17	15.10
Philadelphia.....	12.70	14.75	16.62	3.00	4.17	144.17	150.00	52.00	5.50	17.58
Pittsburgh.....	11.20	13.70	16.60	3.67	5.83	130.00	133.33	57.50	5.00	22.92
Portland, Oreg.....	16.69	18.81	20.62	3.83	7.25	132.60	145.83	72.50	5.00	28.33
San Francisco.....	20.50	23.00	26.38	5.00	7.42	155.71	201.67	80.00	7.14	26.50
Seranton.....	8.92	10.67	12.67	3.00	4.83	78.50	166.67	52.50	4.00	20.67
Seattle.....	13.50	20.38	22.00	4.00	5.58	149.03	173.33	70.00	5.83	<sup>4</sup> 29.69
St. Louis.....	10.38	12.50	15.70	3.29	5.14	112.50	168.67	72.50	4.50	<sup>4</sup> 18.62
Washington, D. C.....	14.62	16.25	18.62	3.83	5.33	141.00	132.14	69.17	5.17	21.24

<sup>1</sup> Excluding anesthetic and hospital care.<sup>2</sup> Amalgam, one surface.<sup>3</sup> With examination.<sup>4</sup> Includes retail sales taxes on materials.<sup>5</sup> Includes electroencephalogram, basal metabolism examination, transfusion service, and other specified tests.

Source: Department of Labor, Bureau of Labor Statistics.



No. 423.—THE CONFERENCE BOARD'S CONSUMER PRICE INDEX, 1920 TO 1957, AND  
FOR SPECIFIED CITIES, 1939 TO 1957

[1953=100. Represents annual averages of monthly figures for cities of 50,000 inhabitants or more]

YEAR	All items	Food	Housing	Apparel	Transportation and sundries	YEAR	All items	Food	Housing	Apparel	Transportation	Sundries
1920-----	77.8	76.6	78.4	139.9	60.0	1939-----	55.0	43.1	72.4	66.3		55.6
1921-----	66.8	58.1	82.4	89.1	60.9	1940-----	55.4	43.7	72.6	66.6		56.1
1922-----	63.6	54.4	80.0	83.4	58.7	1941-----	58.3	48.1	74.4	69.3		57.6
1923-----	65.4	56.2	82.7	91.2	57.9	1942-----	64.5	56.5	77.5	81.5		61.3
1924-----	66.1	55.7	85.4	93.8	58.3	1943-----	68.2	62.9	77.8	83.6		63.9
1925-----	67.8	60.2	84.3	93.5	58.7	1944-----	69.1	61.9	78.3	86.7		67.3
1926-----	68.3	62.2	82.7	93.5	58.6	1945-----	70.2	63.1	78.6	88.5		68.7
1927-----	66.9	60.1	80.6	91.6	58.6	1946-----	74.9	71.3	79.6	92.3		71.5
1928-----	65.9	59.4	78.2	92.3	58.3	1947-----	84.7	88.0	82.5	100.1		76.9
1929-----	65.6	60.1	77.0	90.1	57.6	1948-----	90.1	94.4	86.9	103.4		82.3
1930-----	63.4	57.1	75.2	83.9	57.4	1949-----	88.8	89.8	88.0	97.5		85.6
1931-----	57.0	47.1	70.0	72.5	57.1	1950-----	90.0	90.5	89.8	96.0		87.6
1932-----	50.9	39.2	62.8	60.7	56.4	1951-----	97.0	100.7	94.8	102.8		91.4
1933-----	49.0	38.1	58.1	61.7	54.3	1952-----	99.5	103.7	96.7	100.4		95.2
1934-----	51.8	42.3	60.4	70.7	53.8	1953-----	100.0	100.0	100.0	100.0		100.0
1935-----	53.6	45.4	63.4	68.4	54.0	1954-----	100.2	99.5	100.9	99.2	100.1	101.0
1936-----	54.8	45.8	67.7	67.3	54.4	1955-----	100.3	98.3	101.5	99.0	101.1	102.0
1937-----	57.2	47.6	73.0	70.2	55.1	1956-----	101.9	99.0	102.9	100.0	105.0	104.2
1938-----	55.7	42.2	73.0	67.8	55.7	1957-----	104.6	102.1	105.5	101.4	108.0	107.1

CITY (all items)	1939	1945	1950	1952	1953	1954	1955	1956	1957
Akron-----	54.3	70.2	89.7	98.5	100.0	100.3	100.3	102.6	105.3
Atlanta-----	55.8	70.8	88.7	97.9	100.0	99.4	98.9	100.9	103.1
Baltimore-----	55.0	71.6	90.6	100.6	100.0	100.2	100.0	101.7	104.5
Birmingham-----	55.5	71.8	89.6	99.2	100.0	100.1	100.1	100.9	103.0
Boston-----	56.3	70.4	91.3	100.9	100.0	99.4	99.6	101.6	104.8
Bridgeport-----	55.5	70.6	90.4	100.2	100.0	100.3	100.1	102.2	104.3
Chattanooga-----	56.4	72.9	89.7	99.0	100.0	99.3	98.8	100.2	102.6
Chicago-----	53.5	67.6	90.3	99.3	100.0	101.5	102.7	104.5	107.0
Cincinnati-----	53.5	67.8	89.5	98.7	100.0	100.3	100.7	102.7	105.2
Cleveland-----	53.3	68.4	87.8	98.3	100.0	100.4	100.5	102.7	105.4
Dallas-----	53.8	68.9	90.4	98.8	100.0	99.7	99.6	100.8	103.1
Denver-----	56.2	71.0	91.0	99.4	100.0	100.5	100.9	101.9	104.8
Des Moines-----	56.5	70.3	90.7	99.7	100.0	100.1	100.0	102.2	104.9
Detroit-----	52.8	69.6	88.5	98.5	100.0	100.3	100.8	103.1	105.9
Duluth-Superior-----	54.0	67.9	89.4	99.7	100.0	100.8	100.8	102.4	105.0
Erie-----	51.3	68.3	89.7	99.3	100.0	100.4	100.5	102.7	105.6
Evansville-----	(1)	71.6	87.8	96.1	100.0	100.3	98.4	99.5	101.2
Grand Rapids-----	52.0	68.7	86.6	99.3	100.0	100.6	100.9	103.2	106.6
Houston-----	56.8	71.1	91.5	99.7	100.0	99.9	100.4	101.7	104.8
Huntington-Ashland-----	(1)	74.7	90.9	99.2	100.0	100.6	100.8	102.6	105.1
Indianapolis-----	53.4	69.7	90.3	98.1	100.0	100.0	100.1	101.3	104.1
Kansas City, Mo.-----	57.9	72.8	89.6	99.3	100.0	100.2	100.4	101.7	104.2
Lansing-----	(1)	71.0	87.5	98.6	100.0	100.5	100.6	102.6	105.3
Los Angeles-----	56.3	72.4	88.5	100.8	100.0	99.7	99.4	101.0	104.6
Milwaukee-----	50.6	64.4	87.9	99.4	100.0	99.4	99.1	100.8	103.1
Minneapolis-St. Paul-----	54.5	68.5	90.1	99.5	100.0	100.6	101.0	102.7	105.6
Newark-Northeastern N. J.-----	56.3	70.4	89.6	100.4	100.0	99.4	99.4	100.8	103.5
New Orleans-----	53.1	69.1	87.2	96.8	100.0	102.1	101.4	102.3	104.5
New York-----	57.2	72.2	91.3	99.9	100.0	100.5	100.5	102.1	104.8
Philadelphia-----	55.3	70.5	88.3	98.9	100.0	99.9	99.5	101.0	103.7
Pittsburgh-----	54.0	68.1	87.7	99.8	100.0	100.2	100.0	101.8	104.3
Portland, Oreg.-----	54.9	70.3	90.5	99.8	100.0	99.6	99.1	100.9	104.1
Richmond-----	55.7	72.2	92.0	100.6	100.0	100.1	100.2	101.2	103.2
Ronoke-----	(1)	70.8	90.5	100.0	100.0	99.2	98.8	99.8	101.7
Rochester-----	54.0	69.9	90.9	100.5	100.0	100.2	100.6	101.9	104.4
St. Louis-----	54.7	69.6	88.0	100.2	100.0	98.8	99.8	101.1	103.3
San Francisco-Oakland-----	53.7	69.2	88.7	99.4	100.0	101.1	101.5	102.8	105.3
Seattle-----	55.8	71.7	90.0	99.5	100.0	99.9	100.2	102.1	104.8
Syracuse-----	(1)	72.5	91.2	100.0	100.0	100.1	99.9	101.0	103.5
Wilmington-----	56.6	70.9	88.8	98.5	100.0	99.9	99.8	101.5	104.6

<sup>1</sup> Not available.

Source: National Industrial Conference Board, Inc., New York, N. Y.

## No. 424.—AVERAGE RETAIL PRICES OF SELECTED FOODS: 1913 TO 1958

[Mid-month prices in cents per pound except for milk (cents per quart), eggs and oranges (cents per dozen), and tomatoes (cents per No. 2 can through September 1954, No. 303 can thereafter). Data are averages of prices reported by retail dealers in cities included in the Retail Food Index. (See headnote, table 426.) Number of cities also varies slightly according to availability of prices for each item. Sales taxes not included after 1945. Prices for individual cities combined with use of population weights]

YEAR AND MONTH	Wheat flour	Corn meal	Bread, white	Round steak	Chuck roast	Pork chops	Bacon, sliced	Ham, whole	Lamb, leg	Chickens, fryers, ready-to-cook	Butter	Cheese
1913.....	3.3	3.0	5.6	22.3	16.0	21.0	27.0	-----	18.9	(1)	38.3	22.1
1920.....	8.1	6.5	11.5	39.5	26.2	42.3	52.3	-----	39.3	(1)	70.1	41.6
1925.....	6.1	5.4	9.3	36.2	22.8	37.0	47.1	-----	38.6	(1)	55.2	37.5
1929.....	5.1	5.3	8.8	46.0	31.4	37.5	43.9	-----	40.2	(1)	55.5	39.6
1930.....	4.6	5.3	8.6	42.6	28.6	36.2	42.5	-----	35.1	(1)	46.4	36.6
1933.....	3.9	3.5	7.1	25.7	16.0	19.8	22.6	-----	21.8	(1)	27.8	23.9
1935.....	5.1	4.6	8.3	36.0	24.0	36.1	41.3	29.7	27.9	(1)	36.0	27.0
1940.....	4.3	4.2	8.0	36.4	23.5	27.9	27.3	24.3	27.9	(1)	36.0	25.9
1945.....	6.4	6.4	8.8	40.6	28.1	37.1	41.1	34.7	40.0	(1)	50.7	35.6
1950.....	9.8	9.0	14.3	63.6	61.6	75.4	63.7	62.0	74.4	59.5	72.9	51.8
1951.....	10.4	9.6	15.7	109.3	74.1	79.4	67.2	66.5	83.1	61.8	81.9	59.1
1952.....	10.5	10.4	16.0	111.2	73.5	80.3	64.9	65.2	81.7	60.7	85.5	60.7
1953.....	10.5	12.6	16.4	91.5	52.9	82.7	78.5	69.7	72.2	59.7	79.0	59.8
1954.....	10.7	12.6	17.2	90.7	51.4	86.3	81.7	70.0	71.1	53.5	72.4	57.0
1955.....	10.8	12.6	17.7	90.3	50.1	79.3	66.9	69.1	68.1	57.4	70.9	57.7
1956.....	10.6	12.6	17.9	88.2	48.4	78.2	57.3	(1)	68.7	(1)	72.1	57.2
1957.....	10.9	12.7	18.8	93.6	52.5	86.6	73.8	63.1	71.3	46.9	74.3	57.6
March.....	10.9	12.7	18.7	87.1	48.7	81.4	67.7	61.7	67.2	48.0	74.1	57.5
June.....	10.9	12.8	18.8	94.0	52.2	92.7	74.9	63.6	73.9	48.5	73.8	57.6
September.....	11.0	12.8	18.9	98.0	55.1	90.8	85.4	64.3	72.7	47.2	74.0	57.8
December.....	10.9	12.8	19.0	96.9	56.3	85.2	70.4	64.3	72.3	44.4	74.9	57.8
1958, March.....	11.1	12.8	19.1	103.1	64.1	89.5	77.1	68.4	77.5	49.9	74.9	58.3

YEAR AND MONTH	Milk, (fresh delivered)	Eggs	Bananas	Oranges	Cabbage	Onions	Potatoes	Canned tomatoes	Prunes, dried	Coffee <sup>2</sup>	Lard	Sugar
1913.....	8.9	34.5	-----	-----	-----	-----	1.7	-----	-----	29.8	15.8	5.5
1920.....	16.7	68.1	12.6	63.2	6.4	7.1	6.3	14.8	28.1	47.0	29.5	19.4
1925.....	13.9	55.4	10.8	57.1	5.2	7.0	3.6	13.2	17.1	50.4	23.0	7.0
1929.....	14.4	52.7	9.7	44.7	5.3	6.7	3.2	12.8	15.3	47.9	18.1	6.4
1930.....	14.1	44.5	9.1	57.1	5.6	5.0	3.6	12.1	16.1	39.5	16.8	6.1
1933.....	10.4	28.8	6.9	27.3	4.0	3.5	2.3	9.1	9.5	26.4	8.9	5.3
1935.....	11.7	37.6	6.4	32.0	3.9	5.1	1.9	10.2	11.1	25.7	19.5	5.7
1940.....	12.8	33.1	6.4	29.1	3.4	4.5	2.4	8.5	9.7	21.2	9.4	5.2
1945.....	15.6	58.1	10.4	48.5	6.1	6.9	4.9	12.2	17.5	30.5	18.8	6.7
1950.....	20.6	60.4	16.3	49.3	5.9	6.8	4.6	14.7	24.6	79.4	19.1	9.7
1951.....	23.1	73.7	16.3	48.7	8.6	7.9	5.1	18.8	27.4	86.8	24.6	10.1
1952.....	24.2	67.3	16.4	50.6	9.4	11.3	7.6	17.6	(3)	86.8	18.4	10.3
1953.....	23.4	69.8	16.8	49.0	7.2	8.6	5.4	17.6	29.1	89.2	20.2	10.6
1954.....	23.0	58.5	16.8	55.4	6.9	7.3	5.3	(3)	30.8	110.8	26.2	10.5
1955.....	23.1	60.6	17.0	52.8	8.3	8.1	5.6	15.1	33.7	93.0	20.8	10.4
1956.....	24.2	60.2	16.8	58.3	7.9	9.5	6.8	15.2	35.7	103.4	19.8	10.6
1957.....	25.0	57.3	17.3	57.9	8.7	9.5	5.7	15.0	33.9	101.7	22.7	11.0
March.....	24.6	50.5	16.3	54.6	9.6	8.4	5.5	14.9	34.4	106.3	22.9	11.0
June.....	24.4	47.9	18.1	55.6	8.7	13.0	5.9	14.9	34.4	102.4	22.3	11.0
September.....	25.3	64.9	17.8	63.9	8.4	8.2	5.6	15.1	33.3	99.3	23.0	11.1
December.....	25.8	66.6	15.9	57.2	8.3	8.4	5.8	15.4	32.9	95.0	22.5	11.1
1958, March.....	25.6	63.2	16.9	68.0	12.0	11.0	7.3	16.6	33.0	93.4	22.4	11.1

<sup>1</sup> Not available.<sup>2</sup> Beginning 1956, vacuum pack only; not comparable with earlier data.<sup>3</sup> Insufficient reports for annual average.Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, Serial No. R1172, and *Monthly Labor Review*.

## No. 425.—INDEXES OF RETAIL PRICES OF FOOD, BY SUBGROUPS: 1947 TO 1958

[1947-49=100. See text, p. 326. See earlier issues of *Statistical Abstract* for indexes based on 1935-39=100 and for more detailed groups from 1935 to 1952]

GROUP	Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total food:<sup>1</sup></b>													
1947.....	95.9	91.0	90.2	93.8	93.1	92.9	94.3	95.6	97.3	100.7	99.8	100.3	102.4
1950.....	101.2	97.0	95.5	97.3	97.7	98.9	100.5	103.1	103.9	104.0	104.3	104.4	107.1
1953.....	112.8	113.1	111.5	111.7	111.5	112.1	113.7	113.8	114.1	113.8	113.6	112.0	112.3
1954.....	112.6	113.1	112.6	112.1	112.4	113.3	113.8	114.6	113.9	112.4	111.8	111.1	110.4
1955.....	110.9	110.6	110.8	110.8	111.2	111.1	111.3	112.1	111.2	111.6	110.8	109.8	109.5
1956.....	111.7	109.2	108.8	109.0	109.6	111.0	113.2	114.8	113.1	113.1	113.1	112.9	112.9
1957.....	115.4	112.8	113.6	113.2	113.8	114.6	110.2	117.4	117.9	117.0	116.4	116.0	116.1
1958.....	118.2	118.7	120.8	121.6									
<b>Total food at home:</b>													
1947.....	112.5	112.9	111.1	111.3	111.1	111.7	113.7	113.8	114.1	113.5	113.3	111.4	111.7
1950.....	111.9	112.6	112.0	111.4	111.8	112.8	113.3	114.2	113.3	111.6	110.9	110.1	109.2
1955.....	109.7	109.4	109.6	109.7	110.1	110.0	110.3	111.1	110.0	110.4	109.4	108.2	107.9
1956.....	110.2	107.5	107.1	107.3	107.9	109.5	112.1	113.8	111.8	111.7	111.7	111.3	111.2
1957.....	113.8	111.1	112.0	111.4	112.1	113.0	114.7	116.1	116.6	115.5	114.7	114.1	114.3
1958.....	116.7	117.2	119.6	120.5									
<b>Cereals and bakery products:</b>													
1947.....	94.0	86.8	87.2	89.6	92.8	93.3	93.5	93.8	94.2	95.5	97.0	101.6	103.1
1950.....	104.5	102.2	102.3	102.3	102.4	102.7	102.7	103.8	106.2	107.0	107.2	107.4	107.5
1953.....	110.1	117.7	117.6	117.7	118.0	118.4	118.9	119.1	119.5	120.3	120.4	120.6	120.9
1954.....	121.9	121.2	121.3	121.2	121.1	121.3	121.3	122.1	122.3	122.0	122.7	123.1	123.3
1955.....	123.9	123.4	123.8	123.9	123.9	123.8	124.0	124.2	124.1	124.0	123.9	123.9	123.9
1956.....	125.6	123.9	124.3	124.4	124.5	124.7	125.2	125.8	126.3	126.6	126.8	127.0	127.4
1957.....	130.5	128.0	129.1	129.8	130.1	130.4	130.6	130.8	131.0	131.2	131.4	131.6	131.8
1958.....	132.5	132.6	132.7	132.7									
<b>Meats, poultry, and fish:</b>													
1947.....	93.5	85.7	84.7	89.4	87.2	87.8	93.4	94.8	98.3	103.6	101.4	97.7	97.8
1950.....	104.9	94.4	95.6	98.7	99.5	103.4	106.1	110.1	112.2	112.4	109.0	107.7	109.1
1953.....	109.9	110.9	107.7	107.4	106.8	109.2	111.3	112.0	114.1	113.5	111.1	107.0	107.8
1954.....	108.0	110.2	109.7	109.5	110.5	111.0	111.1	109.7	107.6	107.3	103.9	103.5	102.2
1955.....	101.6	102.4	102.5	102.3	103.0	102.1	103.8	103.7	102.9	103.5	100.9	97.1	94.6
1956.....	97.1	93.3	93.6	92.8	94.0	95.5	98.6	99.3	99.9	101.3	100.8	98.8	98.0
1957.....	105.2	99.0	101.4	100.6	102.0	103.7	106.9	109.5	111.9	110.3	106.3	104.6	106.0
1958.....	110.2	112.0	114.4	115.9									
<b>Dairy products:</b>													
1947.....	96.7	98.7	95.1	97.4	92.9	89.0	89.0	92.8	95.4	101.3	98.7	103.0	106.4
1950.....	95.9	95.6	95.3	94.7	93.3	92.6	92.3	93.8	95.7	97.0	99.6	100.1	100.7
1953.....	109.6	111.6	110.7	110.3	109.0	107.8	107.5	108.3	109.1	109.6	110.1	110.5	110.3
1954.....	106.1	109.7	109.0	108.0	104.6	103.5	102.9	104.3	105.1	105.8	106.7	106.6	106.8
1955.....	105.9	106.4	106.1	105.4	104.6	104.0	104.1	104.7	105.7	106.5	107.5	107.8	107.7
1956.....	108.7	107.3	107.3	106.9	106.4	107.5	107.7	108.7	109.2	109.8	110.7	111.1	111.3
1957.....	111.8	111.2	111.1	110.7	110.5	110.0	110.0	110.5	111.5	113.1	114.2	114.5	114.6
1958.....	114.6	114.5	114.1	112.5									
<b>Fruits and vegetables:</b>													
1947.....	97.6	92.0	93.9	97.7	98.1	101.4	100.4	98.9	97.8	97.1	96.3	97.7	100.5
1950.....	97.6	100.3	97.6	95.5	97.4	99.0	102.5	103.6	94.7	91.1	92.9	95.8	99.9
1953.....	113.5	116.7	115.9	115.5	115.0	115.2	121.7	118.2	112.7	108.6	107.7	107.4	109.2
1954.....	111.9	110.8	108.0	107.8	110.0	114.6	117.1	120.1	114.7	110.5	111.1	109.6	108.4
1955.....	113.5	110.6	110.7	112.0	111.5	120.2	119.5	121.9	111.3	110.2	108.5	109.0	110.7
1956.....	119.0	112.6	113.3	114.8	116.7	121.5	131.4	135.2	120.7	114.8	113.9	115.8	117.4
1957.....	118.6	116.9	116.5	116.1	118.7	122.5	126.8	126.9	121.3	114.8	114.5	114.6	113.9
1958.....	121.9	124.4	130.7	136.6									
<b>Other foods bought to be prepared at home:<sup>2</sup></b>													
1947.....	100.1	95.7	94.2	97.6	99.3	96.5	95.1	98.0	99.4	104.3	105.7	105.6	109.5
1950.....	101.2	95.1	93.5	95.5	95.1	93.5	94.1	97.7	105.3	107.7	110.4	109.2	117.0
1953.....	112.2	109.7	107.3	109.1	110.4	110.3	110.9	112.3	114.4	116.7	117.4	114.8	113.5
1954.....	114.8	113.5	114.0	112.3	113.6	114.5	115.2	117.3	119.6	116.0	115.7	113.7	112.0
1955.....	111.5	111.3	112.1	111.9	109.4	108.4	107.7	109.2	112.6	114.1	113.9	113.1	113.7
1956.....	112.8	112.8	109.6	110.7	110.8	110.9	111.1	112.8	113.9	115.4	115.8	115.2	114.2
1957.....	112.9	112.7	113.0	111.6	111.0	109.9	109.5	111.7	113.8	115.0	116.2	115.6	114.9
1958.....	113.1	111.3	113.8	112.4									

<sup>1</sup> Comprises "food at home" through 1952; beginning January 1953, includes "food away from home."

<sup>2</sup> Comprises eggs, beverages (nonalcoholic), fats and oils, sugar and sweets, and miscellaneous foods.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

## No. 426.—INDEXES OF RETAIL PRICES OF FOOD, BY CITIES: 1929 TO 1957

[1947-49=100. Annual averages. See text, p. 326. Based on 46 cities beginning January 1953, 56 cities March 1943-December 1952, and 51 cities prior to March 1943. City indexes not compiled for 26 medium- and small-sized cities included in the national average. See also earlier issues of *Statistical Abstract* for indexes based on 1935-39=100 for 1929 to 1952.]

CITY	1929	1939	1945	1950	1953	1954	1955	1956	1957
United States.....	65.6	47.1	68.9	101.2	112.8	112.6	110.9	111.7	115.4
Atlanta.....	70.2	46.7	69.3	99.7	113.2	112.9	110.2	110.2	113.3
Baltimore.....	58.4	45.5	69.3	101.3	113.2	114.1	111.7	112.9	116.8
Boston.....	71.2	49.5	69.4	101.6	110.5	110.1	109.5	111.0	115.0
Chicago.....	64.4	45.9	66.7	101.3	111.3	110.8	109.1	109.3	112.9
Cincinnati.....	63.7	45.4	67.7	101.4	115.0	114.4	112.0	113.2	117.3
Cleveland.....	62.6	46.0	68.4	101.0	110.2	110.9	108.9	109.9	113.4
Detroit.....	68.0	47.6	68.9	103.4	115.4	115.4	113.2	114.2	117.3
Houston.....	61.7	46.4	65.8	101.7	112.3	112.0	109.9	108.8	113.1
Kansas City, Mo.....	67.9	49.3	69.5	99.9	110.5	108.9	106.8	108.1	111.5
Los Angeles.....	66.2	46.8	70.8	100.0	113.1	112.7	111.8	113.5	117.9
Minneapolis <sup>1</sup> .....	64.6	50.3	68.3	100.9	112.7	112.3	111.6	112.6	114.2
New York <sup>2</sup> .....	66.0	47.8	69.3	101.3	111.4	111.4	110.8	111.5	115.0
Philadelphia.....	66.0	47.8	69.5	102.0	114.7	115.0	113.0	113.8	118.5
Pittsburgh.....	65.8	45.4	67.3	101.1	113.6	113.5	111.2	113.0	116.8
Portland, Oreg.....	59.5	45.7	69.5	102.9	113.0	112.5	110.6	113.8	117.0
St. Louis.....	61.2	45.7	67.6	102.1	114.4	115.3	112.3	112.8	116.3
San Francisco.....	59.9	45.0	69.5	100.9	113.6	113.9	112.9	114.1	117.8
Scranton.....	69.6	46.9	69.0	100.3	112.3	111.5	108.3	109.1	112.7
Seattle.....	62.2	46.6	69.3	101.6	112.1	112.1	112.1	113.2	117.1
Washington, D. C.....	67.0	47.3	69.7	100.9	111.4	111.8	111.2	112.6	116.9

<sup>1</sup> Minneapolis-St. Paul, beginning January 1953.

<sup>2</sup> New York, N. Y.-Newark, N. J., January 1953 through June 1953; New York, N. Y.-Northeastern N. J., beginning July 1953.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and records.

## No. 427.—INDEXES OF RETAIL PRICES OF FUELS AND ELECTRICITY FOR LARGE CITIES COMBINED: 1935 TO 1957

[1947-49=100. Annual averages]

ITEM	1935	1940	1945	1950	1953	1954	1955	1956	1957
Gas and electricity.....	109.0	103.9	100.7	102.7	106.6	107.9	110.7	111.8	113.0
Solid fuels and fuel oil.....	55.0	58.0	73.0	110.5	123.9	123.5	125.2	130.7	137.4
Gas (composite).....					109.1	111.2	115.6	117.5	119.5
Gas for space heating.....	121.4	104.3	99.0	101.6	111.5	114.6	120.6	121.5	122.8
Gas other than space heating.....	101.2	101.2	97.1	104.0	107.5	109.1	112.6	115.1	117.4
Electricity (composite).....	117.4	106.7	104.4	101.2	104.3	104.7	106.1	106.5	106.9
100 KWH.....	116.6	105.1	102.4	99.4	101.2	102.2	103.4	103.8	104.3
Bituminous coal.....	54.4	57.1	70.4	112.1	119.2	119.1	120.4	124.8	129.8
Pennsylvania anthracite.....	58.0	59.0	75.0	112.5	134.0	129.0	126.7	133.3	144.8
Petroleum fuel oil #2.....	53.4	58.6	71.7	105.1	119.6	120.4	124.4	130.5	137.2

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

No. 428.—COAL—AVERAGE RETAIL PRICES AND INDEXES FOR LARGE CITIES  
COMBINED: 1941 TO 1958

[Prices not directly comparable because of different methods of calculation and change in number of cities or dealers reporting prices over the period covered. Indexes are comparable. For indexes based on Oct. 1922-Sept. 1925=100, see *Historical Statistics, 1789-1946*, series L 50-51]

YEAR AND MONTH	AVERAGE PRICE PER TON OF 2,000 POUNDS			INDEX (1947-49=100)			
	Bitumi- nous <sup>1</sup>	Pennsylvania anthracite <sup>2</sup>		Bitumi- nous	Pennsylvania anthracite		
		Stove	Buckwheat No. 1		All sizes	Stove	Buckwheat No. 1
1941.....	9.10	11.92	8.43	60.6	62.3	62.5	58.3
1946.....	10.95	15.96	11.15	74.1	83.2	83.7	76.8
1947.....	12.99	17.23	11.95	87.6	90.3	90.8	83.3
1948.....	15.40	19.24	13.13	104.3	101.4	101.7	100.4
1949.....	15.83	20.34	13.67	108.1	108.3	107.5	116.3
1950.....	16.48	21.38	14.17	112.1	112.5	113.0	120.5
1951.....	16.87	23.70	14.81	114.6	123.4	125.2	130.0
1952.....	16.27	( <sup>3</sup> )	15.43	116.8	125.3	127.0	135.5
1953.....	14.95	26.36	17.05	119.2	134.0	134.6	153.4
1954.....	14.94	25.26	16.74	119.1	129.0	129.0	150.6
1955.....	15.10	25.08	16.03	120.4	126.7	128.1	144.2
1956.....	15.65	26.76	16.87	124.8	133.3	136.6	151.8
1957.....	16.28	28.62	19.22	129.8	144.8	146.2	173.1
March.....	16.32	29.43	19.26	130.1	147.9	150.3	173.3
June.....	15.96	27.58	18.39	127.3	138.6	140.8	165.5
September.....	16.38	28.40	19.51	130.6	144.9	145.0	175.5
December.....	16.61	28.90	19.90	132.5	149.6	148.2	180.0
1958, March (prel.).....	16.66	29.14	20.01	132.8	150.2	149.4	181.0

<sup>1</sup> Beginning 1952, weighted average price; unweighted for prior years.

<sup>2</sup> Weighted average price. <sup>3</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

No. 429.—AVERAGE TYPICAL RESIDENTIAL BILLS FOR ELECTRICITY IN CITIES  
OF 50,000 INHABITANTS OR MORE COMBINED: 1940 TO 1957

[As of January 1. 25, 100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking]

YEAR	AVERAGE BILL IN DOLLARS FOR—			AVERAGE BILL IN CENTS PER KILOWATT-HOUR FOR—			INDEX OF AVERAGE BILL (Jan. 1, 1935=100) FOR—		
	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.
1940.....	1.36	3.88	7.05	5.4	3.9	2.8	85.0	86.8	79.2
1945.....	1.32	3.76	6.89	5.3	3.8	2.8	82.5	84.1	77.4
1946.....	1.28	3.73	6.86	5.1	3.7	2.7	80.0	83.4	77.1
1947.....	1.23	3.64	6.78	4.9	3.6	2.7	76.9	81.4	76.2
1948.....	1.24	3.64	6.79	5.0	3.6	2.7	77.5	81.4	76.3
1949.....	1.25	3.68	6.87	5.0	3.7	2.7	78.1	82.3	77.2
1950.....	1.24	3.64	6.81	5.0	3.6	2.7	77.5	81.4	76.5
1951.....	1.24	3.62	6.77	5.0	3.6	2.7	77.5	81.0	76.1
1952.....	1.24	3.63	6.79	5.0	3.6	2.7	77.5	81.2	76.3
1953.....	1.28	3.69	6.93	5.1	3.7	2.8	80.0	82.6	77.9
1954.....	1.29	3.70	6.96	5.2	3.7	2.8	80.6	82.8	78.2
1955.....	1.30	3.75	7.03	5.2	3.7	2.8	81.3	83.9	79.0
1956.....	1.32	3.77	7.07	5.3	3.8	2.8	82.5	84.3	79.4
1957.....	1.32	3.78	7.11	5.3	3.8	2.8	82.5	84.6	79.9

Source: Federal Power Commission; annual report, *Typical Electric Bills, Including Residential, Commercial and Industrial Service: Cities of 50,000 Population and More*.

# No. 430.—LOWEST AND HIGHEST NET MONTHLY RESIDENTIAL ELECTRIC BILLS FOR 250 KILOWATT-HOURS USE, BY STATES: 1957

[Based on rates as of January 1 for communities of 2,500 inhabitants or more]

STATE	SERVED BY PRIVATELY OWNED UTILITIES		SERVED BY PUBLICLY OWNED UTILITIES		COMMUNITIES OF 50,000 INHABITANTS OR MORE		COMMUNITIES OF 10,000 TO 50,000 INHABITANTS		COMMUNITIES OF 2,500 TO 10,000 INHABITANTS	
	Util- ities	Com- muni- ties	Util- ities	Com- muni- ties	Low- est bills	High- est bills	Low- est bills	High- est bills	Low- est bills	High- est bills
<b>New England:</b>										
Maine.....	7	47	4	4	\$8.32	\$8.32	\$8.27	\$8.32	\$7.00	\$10.42
New Hampshire.....	6	20	1	1	\$8.86	\$8.86	7.56	8.10	8.00	9.15
Vermont.....	3	15	1	1	(3)	(3)	8.10	9.50	7.00	9.88
Massachusetts.....	25	112	22	23	7.20	9.75	8.80	10.27	7.01	10.77
Rhode Island.....	3	21			8.51	8.85	8.38	8.85	8.51	8.85
Connecticut.....	7	58	6	9	7.13	9.15	6.21	9.15	6.60	9.15
<b>Middle Atlantic:</b>										
New York.....	14	257	24	25	5.03	8.49	4.79	9.15	4.93	9.63
New Jersey.....	5	227	6	7	7.22	8.40	7.22	10.25	7.22	9.70
Pennsylvania.....	16	391	24	24	0.48	8.40	6.80	9.54	6.30	11.75
<b>East North Central:</b>										
Ohio.....	9	184	45	47	5.40	7.50	5.40	8.05	5.40	9.35
Indiana.....	5	89	34	34	5.40	7.80	5.60	7.80	6.05	10.15
Illinois.....	11	263	31	31	5.70	7.73	6.56	8.50	6.56	10.69
Michigan.....	11	129	20	30	5.80	7.74	5.78	7.80	5.75	8.80
Wisconsin.....	9	80	33	34	4.85	7.40	4.85	8.45	4.70	8.45
<b>West North Central:</b>										
Minnesota.....	7	49	46	46	7.28	8.13	5.18	8.88	5.38	10.00
Iowa.....	9	68	27	27	6.38	9.25	5.40	9.80	6.38	10.75
Missouri.....	11	79	38	38	6.00	8.05	6.41	9.99	5.94	9.75
North Dakota.....	3	11	2	2	(3)	(3)	7.25	9.00	6.40	9.05
South Dakota.....	6	19	7	7	7.75	8.38	7.05	8.92	7.25	10.50
Nebraska.....			30	41	5.19	6.47	4.59	7.10	5.19	8.60
Kansas.....	7	40	32	32	4.95	5.85	5.19	9.65	5.19	10.90
<b>South Atlantic:</b>										
Delaware.....	1	4	6	6	8.00	8.00	(3)	(3)	8.05	10.80
Maryland.....	6	38	2	2	7.87	7.87	6.38	10.51	6.38	10.51
District of Columbia.....	1	1			6.38	6.38				
Virginia.....	6	73	13	14	6.38	7.70	5.00	8.35	7.15	10.29
West Virginia.....	7	56	2	2	7.15	7.15	7.15	7.65	7.15	8.00
North Carolina.....	4	66	36	37	6.36	6.75	4.50	8.20	6.36	9.20
South Carolina.....	5	64	18	19	6.36	7.28	6.25	7.28	4.99	7.28
Georgia.....	6	65	30	30	6.13	7.65	5.60	8.03	5.00	7.90
Florida.....	5	86	25	25	6.75	9.66	7.13	10.75	7.06	10.76
<b>East South Central:</b>										
Kentucky.....	5	54	17	17	5.60	7.28	3.50	7.75	4.13	9.30
Tennessee.....	3	5	50	60	5.00	5.00	3.50	7.10	3.50	7.10
Alabama.....	4	61	31	31	5.60	5.60	3.50	7.55	3.50	7.68
Mississippi.....	2	33	20	20	7.69	7.59	3.50	7.69	3.50	9.26
<b>West South Central:</b>										
Arkansas.....	5	50	14	14	7.55	7.88	6.70	8.70	6.70	8.98
Louisiana.....	5	62	23	24	6.33	7.91	6.75	9.75	6.75	11.00
Oklahoma.....	4	58	29	29	7.55	7.69	7.55	11.00	6.00	11.53
Texas.....	12	233	51	55	5.58	8.20	5.20	8.86	4.25	11.00
<b>Mountain:</b>										
Montana.....	3	26	2	2	(3)	(3)	6.83	6.83	6.00	7.75
Idaho.....	0	30	4	4	(3)	(3)	5.01	6.95	5.01	8.04
Wyoming.....	8	17	3	3	(3)	(3)	6.20	7.80	6.10	11.10
Colorado.....	5	24	14	17	6.54	8.07	5.85	7.80	5.45	10.25
New Mexico.....	5	21	8	8	7.40	7.40	6.75	10.40	7.13	10.40
Arizona.....	5	30	3	3	7.37	7.37	6.31	6.89	6.70	11.30
Utah.....	3	19	14	14	6.68	6.68	5.71	6.25	5.49	8.74
Nevada.....	5	9	1	1	(3)	(3)	5.20	7.51	4.30	11.35
<b>Pacific:</b>										
Washington.....	3	36	22	31	3.20	4.63	4.00	5.72	3.25	5.82
Oregon.....	5	47	9	11	5.25	5.25	3.15	6.90	3.75	6.95
California.....	9	287	23	33	4.63	7.13	4.80	10.77	4.63	11.04

<sup>1</sup> Only 1 community in this population group.

<sup>2</sup> Publicly owned utility.

<sup>3</sup> No community in this population group.

Source: Federal Power Commission; annual report, *Typical Residential Electric Bills; Cities of 2,500 Population and More*.

**No. 431.—ELECTRICITY PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, BY CITIES: 1955 TO 1957**

[In dollars. Based on rates as of December 15 and includes all applicable taxes]

CITY	40 KW.-HRS.			100 KW.-HRS.			200 KW.-HRS.		
	1955	1956	1957	1955	1956	1957	1955	1956	1957
Atlanta.....	1.86	1.86	1.86	3.73	3.72	3.73	5.81	5.79	5.81
Baltimore.....	2.06	2.07	2.08	4.04	4.06	4.10	6.83	6.87	6.93
Boston.....	2.19	2.23	2.25	4.74	4.82	4.89	7.93	8.09	8.21
Chicago.....	1.80	1.82	1.82	3.75	3.78	3.80	5.90	5.95	5.97
Cincinnati.....	1.67	1.68	1.68	3.37	3.43	3.43	5.69	5.78	5.80
Cleveland.....	1.61	1.61	1.67	3.34	3.34	3.44	5.58	5.58	5.70
Detroit.....	2.02	2.02	2.02	3.85	3.85	3.85	6.59	6.59	6.59
Houston.....	1.31	1.31	1.31	2.83	2.83	2.82	4.83	4.83	4.81
Kansas City, Mo.....	2.19	2.19	2.19	4.23	4.23	4.23	6.94	6.94	6.94
Los Angeles.....	1.42	1.49	1.53	2.77	2.85	2.94	4.27	4.65	4.83
Minneapolis.....	1.93	1.93	1.93	3.86	3.86	3.86	6.75	6.75	6.75
New York.....	2.26	2.27	2.28	4.70	4.73	4.74	7.55	7.61	7.63
Philadelphia.....	2.28	2.28	2.28	3.78	3.78	3.78	5.58	5.58	5.58
Pittsburgh.....	2.20	2.20	2.20	3.95	3.95	3.95	5.95	5.95	5.95
Portland, Ore.....	1.40	1.40	1.40	3.05	3.05	3.05	4.85	4.85	4.85
St. Louis.....	1.72	1.72	1.72	3.22	3.22	3.22	5.72	5.72	5.72
San Francisco.....	2.02	2.02	2.10	3.64	3.64	3.81	5.84	5.84	6.14
Seranton.....	2.35	2.35	2.35	4.50	4.50	4.50	7.14	7.14	7.14
Seattle.....	1.20	1.20	1.20	2.52	2.52	2.52	3.92	3.92	3.92
Washington, D. C.....	1.76	1.76	1.76	3.11	3.11	3.11	5.38	5.38	5.38

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

**No. 432.—GAS PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, BY CITIES: 1955 TO 1957**

[In dollars. Based on rates as of December 15 and includes all applicable taxes. One therm=100,000 British thermal units]

CITY AND KIND OF GAS	10 THERMS			25 THERMS			100 THERMS (FOR HEATING)		
	1955	1956	1957	1955	1956	1957	1955	1956	1957
Atlanta.....natural.....	1.62	1.62	1.62	2.72	2.72	2.72	6.56	6.56	6.56
Baltimore.....do.....	2.49	2.49	2.53	4.22	4.22	4.32	-----	-----	-----
Boston.....mixed.....	3.70	3.91	3.95	6.85	7.07	7.16	-----	-----	-----
Chicago.....do.....	1.82	1.93	1.94	3.42	3.61	3.66	-----	-----	-----
Cincinnati.....natural.....	1.12	1.09	1.15	2.20	2.14	2.29	6.89	6.63	7.23
Cleveland.....do.....	.90	1.00	1.00	1.73	1.90	1.92	5.71	6.24	6.30
Detroit.....do.....	1.74	1.68	1.70	3.15	3.02	3.06	8.17	7.70	7.82
Houston.....do.....	1.29	1.40	1.77	2.14	2.26	2.65	5.56	5.62	5.71
Kansas City, Mo.....do.....	1.05	1.05	1.04	1.89	1.84	1.82	5.55	5.22	5.08
Los Angeles.....do.....	1.70	1.70	2.42	2.64	2.64	3.37	5.88	5.88	5.99
Minneapolis.....do.....	2.21	2.21	2.21	3.51	3.51	3.51	8.95	8.95	8.95
New York <sup>2</sup> .....do.....	-----	2.94	2.94	-----	6.15	6.15	-----	-----	-----
Company No. 1.1.....manufactured.....	2.92	-----	-----	6.04	-----	-----	-----	-----	-----
Company No. 4.....natural.....	2.83	-----	-----	6.02	-----	-----	-----	-----	-----
Company No. 5.....do.....	3.07	-----	-----	6.50	-----	-----	-----	-----	-----
Company No. 6.....do.....	3.11	-----	-----	6.43	-----	-----	-----	-----	-----
Company No. 12.....do.....	3.18	-----	-----	6.78	-----	-----	-----	-----	-----
Philadelphia.....mixed.....	1.91	1.97	1.97	4.45	4.58	4.58	-----	-----	-----
Pittsburgh.....natural.....	1.54	1.59	1.62	2.35	2.42	2.49	5.82	5.94	6.14
Portland, Ore.....do.....	3.05	2.99	2.99	5.88	5.29	5.29	15.94	11.68	11.68
St. Louis.....do.....	1.72	1.72	1.72	3.79	3.79	3.79	7.56	7.56	7.56
San Francisco.....do.....	1.25	1.25	1.25	2.01	2.01	2.01	4.92	4.92	4.92
Seranton.....manufactured.....	3.19	3.28	3.06	6.19	6.38	15.87	-----	-----	-----
Seattle.....natural.....	5.10	4.27	4.27	7.31	6.14	6.14	-----	-----	-----
Washington, D. C.....do.....	1.89	1.89	1.86	4.19	4.19	4.11	12.47	12.47	12.14

<sup>1</sup> Natural beginning, May 1957.

<sup>2</sup> Beginning 1956, average for the city.

<sup>3</sup> Manufactured.

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

# No. 433.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED AND EXPORTED: 1930 TO 1956

[Values of goods imported represent values in foreign markets whence exported to United States. Values of goods exported represent value at time and place of exportation. "Ton" signifies long ton of 2,240 pounds except where otherwise specified. Averages obtained by dividing total value of imports (for consumption) and exports of specified article by total quantity. Where, as in some commodities, considerable price variations may exist between different grades, methods of packing, etc., and proportions of grades, etc., may vary from year to year, such averages may show actual price movements only roughly]

ARTICLE	1930	1940	1945	1950	1954	1955	1956
<b>IMPORTS</b>							
Cheese.....cents per pound..	26.7	23.0	25.1	42.7	50.5	51.3	51.0
Hides and skins:							
Cattle.....do.....	13.0	8.8	13.1	21.7	14.1	11.9	15.4
Goat.....do.....	40.7	23.1	40.2	62.7	55.4	56.6	56.1
Wheat.....dollars per bushel..	.98	.68	1.34	1.90	1.93	1.69	1.54
Bananas.....cents per bunch..	55.46	55.57	69.32	108.36	136.15	140.97	147.12
Cocoa (beans and shells).....cents per pound..	8.4	4.4	7.4	25.0	48.6	36.7	25.8
Coffee.....do.....	13.1	6.2	12.7	44.8	65.7	52.2	51.2
Tea.....do.....	26.6	22.9	34.9	47.1	54.3	61.9	50.6
Cane sugar.....do.....	1.85	1.94	3.07	5.17	5.46	5.29	5.27
Whiskey.....dollars per proof gallon..	(1)	3.98	4.00	5.72	5.62	5.66	5.68
Wines.....dollars per gallon..	2.62	2.24	3.02	3.52	3.50	3.53	3.66
Rubber, crude.....cents per pound..	12.9	17.4	31.4	25.5	19.6	30.9	30.7
Shellac.....do.....	27.3	11.9	29.6	35.6	36.7	45.4	40.3
Copra.....do.....	3.7	1.3	3.0	8.8	7.8	6.70	6.27
Cotton, unmanufactured.....do.....	19.7	8.1	11.2	21.7	23.2	22.1	17.0
Jute and jute butts.....dollars per ton..	107.76	126.65	167.82	281.26	220.10	248.48	197.21
Jute burlaps.....cents per pound..	9.1	9.0	14.2	21.6	17.0	16.6	15.5
Flax.....dollars per ton..	429.26	504.55	315.20	462.74	552.09	450.02	446.93
Sisal.....do.....	138.50	84.25	151.17	251.00	190.79	161.53	159.14
Manila.....do.....	138.08	94.99	225.18	485.17	360.73	313.76	351.16
Silk, raw.....dollars per pound..	3.57	2.79	10.41	2.68	4.49	4.30	4.12
Pulpwood.....dollars per cord..	10.76	8.49	13.47	17.22	19.74	19.21	19.63
Wood pulp <sup>2</sup> .....dollars per ton..	49.63	49.15	66.00	100.70	122.64	125.27	127.47
Newsprint paper.....cents per pound..	2.9	2.3	2.8	4.6	6.0	6.0	6.2
Petroleum, crude.....cents per gallon..	2.5	1.8	2.5	5.1	5.3	5.3	5.6
Manganese ore.....cents per pound..	1.08	1.31	2.00	1.56	3.64	3.29	3.42
Copper, pigs, ingots, bars <sup>3</sup> .....do.....	13.2	10.0	10.8	18.2	29.3	35.8	40.9
Nickel, pigs, ingots, bars.....do.....	25.05	25.00	27.30	42.22	63.68	68.09	71.50
Tin, bars, blocks, pigs.....do.....	33.31	45.89	48.43	82.42	90.6	90.6	97.3
Sodium nitrate <sup>4</sup> .....dollars per ton..	37.71	18.74	21.84	36.23	36.65	35.70	32.67
<b>EXPORTS</b>							
Lard.....cents per pound..	11.4	6.3	16.1	13.3	18.0	13.5	13.0
Milk, condensed and evaporated.....do.....	11.6	7.4	13.1	14.3	14.9	15.3	16.8
Cheese.....do.....	26.7	22.2	31.9	15.5	42.1	33.1	36.4
Eggs.....cents per dozen..	27.2	23.3	46.4	43.2	35.9	40.5	43.0
Corn.....dollars per bushel..	.94	.67	1.42	1.58	1.70	1.56	1.56
Rice.....cents per pound..	3.8	2.9	6.8	7.7	8.5	7.0	7.3
Wheat.....dollars per bushel..	1.00	.78	1.87	1.95	1.81	1.75	1.70
Wheat flour.....dollars per bbl..	5.31	3.70	7.15	8.20	8.91	8.52	8.29
Sugar.....cents per pound..	2.4	3.1	4.1	5.0	8.0	7.5	4.1
Tobacco leaf.....do.....	25.8	20.1	50.7	53.1	67.3	66.3	65.8
Cotton, unmanufactured <sup>5</sup> .....do.....	14.4	10.9	21.9	35.6	37.6	37.7	31.6
Coal:							
Anthracite.....dollars per short ton..	9.61	7.95	9.87	16.06	18.13	15.36	14.02
Bituminous.....do.....	3.73	3.69	5.29	8.11	8.14	8.51	9.01
Petroleum, crude.....cents per gallon..	3.2	3.1	3.9	7.0	8.0	8.1	7.6
Motor fuel, gasoline, and naphtha <sup>7</sup> .....do.....	9.4	7.7	13.5	12.5	16.5	16.2	16.1
Kerosene.....do.....	9.0	6.1	4.6	9.8	9.6	9.7	10.2
Lubricating oils.....do.....	21.9	21.8	20.3	30.4	32.5	32.8	34.8
Iron and steel scrap.....dollars per ton..	15.51	16.87	17.38	28.25	33.8	38.39	51.62
Copper, refined.....cents per pound..	13.4	11.5	10.7	20.1	29.8	37.8	42.6
Motor trucks, buses, and chassis (new) dollars per unit..	663	831	2,448	(9)	1,812	1,940	2,217
Passenger cars (new).....do.....	692	645	1,200	1,489	1,736	1,798	1,905

<sup>1</sup> No legal importation. <sup>2</sup> Beginning 1935, tons of 2,000 pounds, air-dry weight. <sup>3</sup> Unrefined copper.

<sup>4</sup> Beginning 1945, short tons. <sup>5</sup> Refined sugar only. <sup>6</sup> Excludes linters.

<sup>7</sup> Includes natural gasoline and beginning 1945, mineral spirits; beginning 1954, also includes jet fuels.

<sup>8</sup> Not available.

<sup>9</sup> Nonmilitary.

Source: Department of Commerce, Bureau of the Census.



## Section 13

### Elections

This section relates to popular participation in, and results of, Presidential, Congressional, and gubernatorial elections. Also presented are several tables concerning Congressional legislation.

Official statistics on Federal elections are collected by the Clerk of the House of Representatives and published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election*. Another publication which contains Federal and State election statistics is *America Votes*, issued biennially by the Governmental Affairs Institute. Data on Federal elections also appear in the United States Congress, *Congressional Directory*, and in the official State documents (Registers, Manuals, Reports of the Secretary of State, etc.) of the separate States. Data on campaign expenditures for Federal offices and expenditures by lobbying organizations affecting national legislation are compiled by Congressional Quarterly News Features and published in its *Congressional Quarterly Almanac*.

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals—annual, biennial, quadrennial, or longer—for different types of offices and other purposes. No regular and complete system exists for reporting either the number of elections held or the numbers of votes cast for candidates, except for Federal offices, and, in most States, for State offices.

The conduct of elections in the United States for Federal, State, and local offices and on State and local issues is regulated by State laws or, in some cities and a few counties, by local charters. An important exception is that the United States Constitution prescribes the basis of representation in Congress and the manner of electing the President of the United States and grants to Congress the right to regulate the times, places, and manner of electing Federal officers.

The election of the President of the United States is provided for in the Constitution, article II, section 1, through the establishment of an electoral college in each State, for each Presidential election. The method of casting the electoral vote was modified in 1804 by the adoption of the 12th Amendment to the Constitution. The number of electors, and therefore of electoral votes, is "equal to the whole number of Senators and Representatives to which the State may be entitled in Congress." The electors are elected by popular vote in all States.

The number of members in the House of Representatives is fixed by the Congress at the time of each apportionment; since 1912 it has remained constant at 435. The 14th Amendment to the Constitution provides that "Representatives shall be apportioned among the several States according to their respective numbers \* \* \*." The Constitution also requires that each State have at least one Representative. Members are elected for 2-year terms, all terms covering the same period.

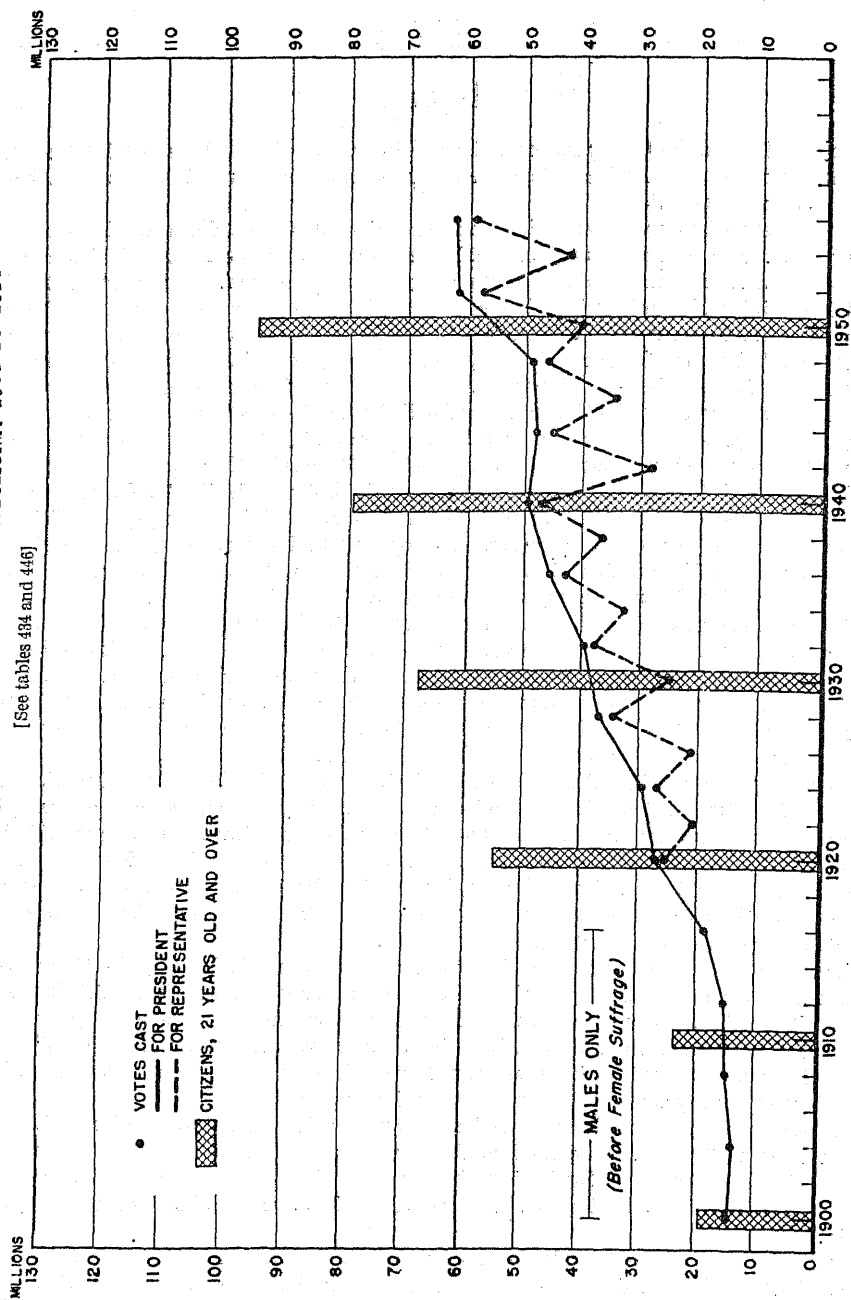
The Senate is composed of 96 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. Subsequently, the 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series P 27-31") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

Note.—This section presents data for the most recent year or period available on March 31, 1958, when the material was organized and sent to the printer. In some instances more recent data were added later.

FIG. XXI.—PARTICIPATION IN NATIONAL ELECTIONS: 1900 TO 1956

[See tables 434 and 446]



Source: Department of Commerce, Bureau of the Census. For source of election data, see headnote.

No. 434.—ELECTORAL AND POPULAR VOTE CAST FOR PRESIDENT, 1888 TO 1956, AND  
VOTE CAST FOR REPRESENTATIVES, 1920 TO 1956, BY POLITICAL PARTIES  
[See also *Historical Statistics, 1789-1945, P 27-31*]

YEAR	PRESIDENTIAL VOTE CAST								
	Total popu- lar vote <sup>1</sup>	Republican Party			Democratic Party			Percent of popular vote	
		Popu- lar vote	Elec- toral vote	Candidate	Popu- lar vote	Elec- toral vote	Candidate	Rep.	Dem.
	1,000	1,000			1,000				
1888	11,381	5,444	233	Harrison	5,540	168	Cleveland	47.8	48.7
1892	12,044	5,191	145	do	5,554	277	do	43.1	46.1
1896	13,813	7,036	271	McKinley	6,468	176	Bryan	50.9	46.8
1900	13,965	7,220	292	do	6,358	155	do	51.7	45.5
1904	13,524	7,629	336	T. Roosevelt	5,084	140	Parker	56.4	37.6
1908	14,887	7,679	321	Taft	6,409	162	Bryan	51.6	43.1
1912	15,031	3,484	8	do	6,286	435	Wilson	23.2	41.8
1916	18,528	8,534	254	Hughes	9,128	277	do	46.1	49.3
1920	26,813	16,147	404	Harding	9,141	127	Cox	60.2	34.1
1924	29,091	15,725	382	Coolidge	8,387	136	Davis	54.1	28.8
1928	36,812	21,301	444	Hoover	15,016	87	Smith	58.1	40.8
1932	39,751	15,762	59	do	22,822	472	F. D. Roosevelt	39.7	57.4
1936	45,647	16,680	8	London	27,477	523	do	36.5	60.2
1940	49,820	22,304	82	Willkie	26,827	449	do	44.8	53.8
1944	47,976	22,006	99	Dewey	24,777	432	do	45.9	51.6
1948	48,834	21,969	189	do	24,106	303	Truman	45.0	49.4
1952	61,552	33,779	442	Eisenhower	27,315	89	Stevenson	54.9	44.4
1956	62,027	35,581	457	do	25,739	73	do	57.4	41.5

YEAR	PRESIDENTIAL VOTE CAST—CON.				YEAR	VOTE CAST FOR REPRESENTATIVES <sup>13</sup>				
	Social- list and Sec.- Labor	Misc. inde- pend- ent <sup>2</sup>	Prohi- bition	Com- mu- nist		Total <sup>14</sup>	Re- publi- can	Democ- ratic	Percent of total	
									Rep.	Dem.
1888	1,000	1,000	1,000	1,000	1920	1,000	1,000	1,000		
1888		147	250		1920	25,080	14,758	8,919	58.8	35.6
1892		1,027	271		1922	20,409	10,548	9,131	51.7	44.7
1896	139	132	142		1924	26,884	14,932	10,854	55.5	40.4
1900	128	50	209		1926	20,613	11,643	8,284	56.5	40.2
1904	436	115	259		1928	34,154	19,163	14,591	56.1	42.0
1908	435	112	253		1930	24,777	13,032	11,044	52.6	44.6
1912	436	4,126	209		1932	37,657	15,575	20,540	41.4	54.5
1916	600	46	221		1934	37,530	13,558	17,385	41.7	53.4
1920	927	410	188		1936	42,886	17,003	22,944	39.6	55.8
1924	1036	4,848	58	1236	1938	36,236	17,047	17,612	47.0	48.5
1928	289	46	20	1249	1940	46,951	21,393	24,092	45.6	51.3
1932	918	65	82	103	1942	28,074	14,203	12,934	50.6	46.1
1936	197	1,177	37	80	1944	45,103	21,303	22,808	47.2	50.6
1940	110	4,472	58	49	1946	34,398	18,400	17,221	53.5	44.3
1944	106	1,012	75		1948	46,142	20,920	23,820	45.3	51.6
1948	168	2,488	103		1950	40,430	19,750	19,785	48.9	48.9
1952	50	335	73		1952	57,571	28,399	28,336	49.3	49.2
1956	42	623	42		1954	42,580	20,034	22,175	47.0	52.1
					1956	58,886	28,697	29,832	48.7	50.7

<sup>1</sup> Totals for years prior to 1928 exclude votes cast for names not appearing on electoral tickets for parties specified. Totals for 1928-44 exclude void and blank ballots. <sup>2</sup> Democrat-Populist.

<sup>3</sup> Includes scattering votes; 445 in Iowa; 633 in New Jersey; and 131 in Pennsylvania.

<sup>4</sup> Included with Miscellaneous are 798 Union votes cast in endorsement of Republican candidate.

<sup>5</sup> Included with Miscellaneous are 417,418 American Labor votes cast in endorsement of Democratic candidate.

<sup>6</sup> Included with Miscellaneous are 496,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate.

<sup>7</sup> Included with Miscellaneous are 1,169,021 votes for Thurmond (States' Rights Democrats) and 1,156,103 votes cast for Wallace (Progressives, etc.); included with Democratic are 222,562 Liberal votes cast for Democratic nominees.

<sup>8</sup> Included with Democratic are 416,711 Liberal party votes cast for democratic candidate.

<sup>9</sup> For 1888, Union Labor Party; 1892, 1900, and 1904, Populist; 1896, National Democrat; 1908, Populist and Independent; 1912, Progressive; 1916 to 1952, miscellaneous. <sup>10</sup> Socialist-Labor only.

<sup>11</sup> Includes 4,822,856 votes cast for La Follette and Wheeler, official candidates of both Socialist and Independent Progressive parties. <sup>12</sup> Workers Party. <sup>13</sup> See also tables 440 and 441.

<sup>14</sup> Includes minor party votes; and for certain years scattering, void, and blank votes.

<sup>15</sup> Excludes votes for Georgia; statistics not furnished by State authorities.

<sup>16</sup> Although the Republican Party received 50.6 percent of the total vote cast, the Democratic Party won a greater number of individual contests for Representatives (221 as against 210 for the Republicans) and thereby retained control of the House of Representatives.

Source: 1888-1912, reports of State officials on file in Department of State. 1916, *The Presidential Vote 1896-1936*, E. E. Robinson. U. S. Congress, Clerk of the House; 1920, 1924, 1948, 1952, and 1954, *Statistics of the Presidential and Congressional Election*, and 1922, 1926, 1946, 1950, and 1954, *Statistics of the Congressional Election*. 1928-44, Dept. of Commerce, Bureau of the Census; Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1828-44*.

NO. 435.—POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, AND PERCENT OF VOTE FOR MAJORITY PARTY, BY STATES: 1932 TO 1948

[In thousands. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party. See also table 434; for current figures, see table 436]

STATE	1932		1936		1940		1944		1948	
	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party
Total.....	39,751	D-57.4	45,647	D-60.2	49,820	D-53.8	47,976	D-51.6	48,834	D-49.4
Alabama.....	245	D-84.8	276	D-86.4	294	D-85.2	245	D-81.3	215	(?)
Arizona.....	118	D-67.0	124	D-69.9	150	D-63.5	138	D-58.8	177	D-63.8
Arkansas.....	221	D-86.0	179	D-81.8	202	D-78.6	213	D-70.0	242	D-61.7
California.....	2,267	D-58.4	2,639	D-67.0	3,269	D-57.5	3,521	D-56.5	4,022	D-47.6
Colorado.....	458	D-54.8	489	D-60.4	549	R-50.9	505	R-53.2	515	D-51.9
Connecticut.....	594	R-48.5	601	D-55.3	782	D-53.4	832	D-52.3	884	R-49.5
Delaware.....	113	R-50.6	128	D-54.6	136	D-54.7	125	D-54.4	139	R-50.0
Florida.....	276	D-74.7	327	D-76.1	485	D-74.0	483	D-70.8	578	D-48.8
Georgia.....	256	D-91.6	293	D-87.1	313	D-84.8	328	D-81.7	419	D-60.8
Idaho.....	187	D-58.7	200	D-68.0	235	D-54.4	208	D-51.6	215	D-50.0
Illinois.....	3,408	D-55.2	3,987	D-57.7	4,218	D-51.0	4,036	D-51.5	3,984	D-50.1
Indiana.....	1,577	D-54.7	1,651	D-56.6	1,788	R-50.5	1,672	R-52.4	1,656	R-49.6
Iowa.....	1,037	D-57.7	1,143	D-54.4	1,215	R-52.0	1,053	R-52.0	1,038	D-50.3
Kansas.....	792	D-53.6	865	D-53.7	860	R-56.9	734	R-60.2	789	R-53.6
Kentucky.....	983	D-59.0	926	D-58.5	970	D-57.4	838	D-54.5	823	D-56.7
Louisiana.....	269	D-92.8	330	D-88.8	372	D-85.9	349	D-80.6	416	(?)
Maine.....	298	R-55.8	304	R-55.5	321	R-51.1	296	R-52.4	265	R-56.7
Maryland.....	511	D-61.5	625	D-62.3	660	D-58.3	608	D-51.9	597	R-49.4
Massachusetts.....	1,580	D-50.6	1,840	D-51.2	2,027	D-53.1	1,961	D-52.8	2,155	D-53.4
Michigan.....	1,665	D-52.4	1,805	D-56.3	2,086	R-49.9	2,205	D-50.2	2,110	R-49.2
Minnesota.....	1,003	D-59.9	1,130	D-61.8	1,251	D-51.5	1,126	D-52.4	1,212	D-57.2
Mississippi.....	146	D-96.0	162	D-97.1	176	D-95.7	180	D-88.0	102	(?)
Missouri.....	1,610	D-63.7	1,829	D-60.8	1,834	D-62.3	1,572	D-51.4	1,579	D-58.1
Montana.....	216	D-68.8	231	D-69.3	248	D-58.8	207	D-54.3	224	D-53.1
Nebraska.....	570	D-63.0	608	D-67.1	616	R-57.2	563	R-58.6	489	R-54.2
Nevada.....	41	D-69.4	44	D-72.8	53	D-60.2	54	D-54.6	62	D-50.4
New Hampshire.....	206	R-50.4	218	D-49.7	235	D-63.2	230	D-62.1	231	R-52.4
New Jersey.....	1,630	D-49.9	1,820	D-59.5	1,975	D-61.5	1,964	D-50.3	1,950	R-50.3
New Mexico.....	152	D-62.7	169	D-62.7	183	D-66.7	152	D-53.5	186	D-56.8
New York.....	4,689	D-54.1	5,595	D-63.9	6,302	R-48.0	6,317	R-47.3	6,275	R-46.3
North Carolina.....	712	D-69.9	839	D-73.4	823	D-74.0	791	D-66.7	791	D-58.0
North Dakota.....	256	D-69.6	274	D-69.6	281	R-55.1	220	R-53.8	221	R-52.2
Ohio.....	2,610	D-49.9	3,012	D-68.0	3,320	D-62.2	3,153	R-50.2	2,936	D-49.5
Oklahoma.....	705	D-73.3	760	D-66.8	826	D-67.4	723	D-55.6	722	D-62.7
Oregon.....	369	D-58.0	414	D-64.4	481	D-63.7	480	D-51.8	524	R-49.8
Pennsylvania.....	2,859	R-50.8	4,138	D-56.9	4,079	D-63.2	3,795	D-51.1	3,735	R-50.9
Rhode Island.....	206	D-55.1	311	D-53.1	321	D-56.7	299	D-58.6	326	D-57.8
South Carolina.....	104	D-98.0	115	D-98.6	100	D-95.6	103	D-87.6	143	(?)
South Dakota.....	288	D-63.6	296	D-54.0	308	R-57.4	232	R-58.3	250	R-51.8
Tennessee.....	391	D-66.5	476	D-68.8	523	D-67.3	511	D-60.4	550	D-49.1
Texas.....	863	D-88.1	843	D-87.1	1,041	D-80.7	1,150	D-71.4	1,147	D-65.4
Utah.....	207	D-66.5	217	D-69.3	248	D-62.3	248	D-60.4	276	D-54.0
Vermont.....	137	R-57.7	144	R-56.4	143	R-54.8	125	R-57.1	123	R-61.5
Virginia.....	298	D-68.5	335	D-70.2	347	D-68.1	388	D-62.4	419	D-47.9
Washington.....	615	D-57.5	692	D-66.4	794	D-58.2	856	D-56.8	905	D-52.6
West Virginia.....	744	D-54.5	830	D-60.5	868	D-57.1	716	D-54.9	749	D-57.3
Wisconsin.....	1,115	D-63.5	1,259	D-63.8	1,406	D-50.1	1,339	R-50.4	1,277	D-50.7
Wyoming.....	97	D-56.1	103	D-60.6	112	D-52.8	101	R-51.2	101	D-51.6

<sup>1</sup> Percentages based on figures which exclude votes of minor parties for candidates of major parties.

<sup>2</sup> Vote represented a victory for Thurmond (States' Rights Democrat) as follows: Ala., 79.8 percent; La., 49.1 percent; Miss., 87.2 percent; and S. C., 72.0 percent.

Source: 1932-44, Department of Commerce, Bureau of the Census, Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1932-44*; 1948, U. S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*.

**NO. 436.—POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, BY POLITICAL PARTIES,  
BY STATES: 1952 AND 1956**

[In thousands]

STATE	1952						1956					
	Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total		Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total	
					Dem- ocrat- ic	Re- pub- lican					Dem- ocrat- ic	Re- pub- lican
<b>Total.....</b>	<b>61,552</b>	<b>27,315</b>	<b>33,779</b>	<b>458</b>	<b>44.4</b>	<b>54.9</b>	<b>62,027</b>	<b>25,739</b>	<b>35,581</b>	<b>707</b>	<b>41.5</b>	<b>57.4</b>
Alabama.....	426	275	149	2	64.6	35.0	407	281	106	20	56.5	39.4
Arizona.....	261	109	152	-----	41.7	58.3	290	113	177	(1)	38.0	61.0
Arkansas.....	405	226	177	1	55.9	43.8	407	213	186	7	52.5	45.8
California.....	5,142	2,198	2,897	47	42.7	56.3	5,466	2,420	3,028	19	44.3	55.4
Colorado.....	630	246	380	5	39.0	60.3	663	264	394	5	36.8	59.5
Connecticut.....	1,097	482	611	4	43.9	55.7	1,117	405	712	(1)	36.3	63.7
Delaware.....	174	83	90	1	47.9	51.8	178	79	98	1	44.6	55.1
Florida.....	989	445	544	(1)	45.0	55.0	1,124	480	644	-----	42.7	57.3
Georgia.....	656	457	199	(1)	69.7	30.3	669	444	223	2	66.4	33.3
Idaho.....	276	95	181	(1)	34.4	65.4	273	106	167	(1)	38.8	61.2
Illinois.....	4,481	2,014	2,457	10	44.9	54.8	4,407	1,776	2,623	8	40.3	59.5
Indiana.....	1,955	802	1,136	18	41.0	58.1	1,975	784	1,183	8	39.7	59.9
Iowa.....	1,269	462	809	8	35.6	63.8	1,235	502	729	4	40.7	59.1
Kansas.....	896	273	616	7	30.5	68.8	866	296	567	3	34.2	65.4
Kentucky.....	993	496	495	2	49.9	49.8	1,054	476	572	5	45.2	54.3
Louisiana.....	652	345	307	-----	52.9	47.1	618	244	329	45	39.5	53.3
Maine.....	352	119	232	1	33.8	66.0	352	102	249	-----	29.1	70.9
Maryland.....	902	395	499	7	43.8	55.4	932	373	560	-----	40.0	60.0
Massachusetts.....	2,383	1,084	1,292	8	45.5	54.2	2,349	948	1,393	7	40.4	59.3
Michigan.....	2,790	1,231	1,552	16	44.0	55.4	3,080	1,360	1,714	7	44.1	55.6
Minnesota.....	1,379	608	763	8	44.1	55.3	1,340	618	719	3	46.1	53.7
Mississippi.....	286	173	113	-----	60.5	39.5	248	144	66	47	58.2	22.7
Missouri.....	1,892	930	959	3	49.1	50.7	1,833	918	914	-----	50.1	49.9
Montana.....	265	106	157	1	40.1	59.4	271	116	155	-----	42.9	57.1
Nebraska.....	610	188	422	-----	30.8	69.2	577	199	378	-----	34.5	65.5
Nevada.....	82	32	51	-----	38.6	61.4	97	41	56	-----	42.0	58.0
New Hampshire.....	273	107	166	-----	39.1	60.9	267	90	177	(1)	33.8	66.1
New Jersey.....	2,420	1,016	1,375	29	42.0	56.8	2,484	850	1,607	27	34.2	64.7
New Mexico.....	239	106	132	1	44.3	55.4	254	106	147	1	41.8	57.8
New York.....	7,128	3,105	3,953	71	43.6	55.5	7,093	2,458	4,340	295	34.7	61.2
North Carolina.....	1,211	653	558	-----	53.9	46.1	1,166	591	575	-----	50.7	49.3
North Dakota.....	270	77	192	2	28.4	71.0	254	97	157	(1)	38.1	61.7
Ohio.....	3,701	1,600	2,100	-----	43.2	56.8	3,702	1,440	2,263	-----	38.9	61.1
Oklahoma.....	949	431	518	-----	45.4	54.6	850	386	474	-----	44.9	55.1
Oregon.....	695	271	421	4	38.9	60.5	736	329	406	-----	44.8	55.2
Pennsylvania.....	4,581	2,146	2,416	19	46.9	52.7	4,577	1,982	2,585	9	43.3	56.5
Rhode Island.....	414	203	211	(1)	49.0	50.9	388	162	226	-----	41.7	58.3
South Carolina.....	341	173	168	4	50.7	2.9	301	136	76	4	45.4	25.2
South Dakota.....	294	90	204	-----	30.7	69.3	294	122	172	-----	41.6	58.4
Tennessee.....	893	444	446	3	49.7	50.0	939	457	462	21	48.6	49.2
Texas.....	2,076	969	1,103	4	46.7	53.1	1,955	860	1,081	15	44.0	55.3
Utah.....	330	135	194	-----	41.1	58.9	334	118	216	-----	35.4	64.6
Vermont.....	154	43	110	(1)	28.2	71.5	153	43	110	(1)	27.8	72.2
Virginia.....	620	269	349	2	43.4	56.3	698	268	386	44	38.4	55.4
Washington.....	1,103	493	599	11	44.7	54.3	1,151	523	620	7	45.4	53.9
West Virginia.....	874	454	420	-----	51.9	48.1	831	382	440	-----	45.9	54.1
Wisconsin.....	1,607	622	980	5	38.7	61.0	1,551	587	955	9	37.8	61.6
Wyoming.....	129	48	81	(1)	37.1	62.7	124	50	75	-----	39.9	60.1

<sup>1</sup> Less than 500.

<sup>2</sup> Independent votes (pledged to Republican candidate).

<sup>3</sup> Includes 416,711 Liberal Party votes cast for Democratic candidate.

<sup>4</sup> By petition.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election*.

# No. 437.—ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES, BY STATES: 1920 TO 1956

[D=Democratic, R=Republican. See also *Historical Statistics, 1789-1945*, series P 27-31]

STATE	1920	1924 <sup>1</sup>	1928	1932	1936	1940	1944	1948 <sup>2</sup>	1952	1956 <sup>3</sup>
Republican.....	404	382	444	59	8	82	99	189	442	457
Democratic.....	127	136	87	472	523	449	432	303	89	73
Ala.....	D-12	D-12	D-12	D-11	D-11	D-11	D-11	( <sup>2</sup> )	D-11	<sup>3</sup> D-10
Ariz.....	R-3	R-3	R-3	D-3	D-3	D-3	D-4	D-4	R-4	R-4
Ark.....	D-9	D-9	D-9	D-9	D-9	D-9	D-9	D-9	D-8	D-8
Calif.....	R-13	R-13	R-13	D-22	D-22	D-22	D-25	D-25	R-32	R-32
Colo.....	R-6	R-6	R-6	D-6	D-6	R-6	R-6	D-6	R-6	R-6
Conn.....	R-7	R-7	R-7	R-8	D-8	D-8	D-8	R-8	R-8	R-8
Del.....	R-3	R-3	R-3	R-3	D-3	D-3	D-3	R-3	R-3	R-3
Fla.....	D-6	D-6	R-6	D-7	D-7	D-7	D-8	D-8	R-10	R-10
Ga.....	D-14	D-14	D-14	D-12	D-12	D-12	D-12	D-12	D-12	D-12
Idaho.....	R-4	R-4	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4
Ill.....	R-29	R-29	R-29	D-29	D-29	D-29	D-28	D-28	R-27	R-27
Ind.....	R-15	R-15	R-15	D-14	D-14	R-14	R-13	R-13	R-13	R-13
Iowa.....	R-13	R-13	R-13	D-11	D-11	R-11	R-10	D-10	R-10	R-10
Kans.....	R-10	R-10	R-10	D-9	D-9	R-9	R-8	R-8	R-8	R-8
Ky.....	D-13	R-13	R-13	D-11	D-11	D-11	D-11	D-11	D-10	R-10
La.....	D-10	D-10	D-10	D-10	D-10	D-10	D-10	( <sup>2</sup> )	D-10	R-10
Maine.....	R-6	R-6	R-6	R-5	R-5	R-5	R-5	R-5	R-5	R-5
Md.....	R-8	R-8	R-8	D-8	D-8	D-8	D-8	R-8	R-9	R-9
Mass.....	R-18	R-18	D-18	D-17	D-17	D-17	D-16	D-16	R-16	R-16
Mich.....	R-15	R-15	R-15	D-19	D-19	R-19	D-19	R-19	R-20	R-20
Minn.....	R-12	R-12	R-12	D-11	D-11	D-11	D-11	D-11	R-11	R-11
Miss.....	D-10	D-10	D-10	D-9	D-9	D-9	D-9	( <sup>2</sup> )	D-8	D-8
Mo.....	R-18	R-18	R-18	D-15	D-15	D-15	D-15	D-15	R-13	D-13
Mont.....	R-4	R-4	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4
Nebr.....	R-8	R-8	R-8	D-7	D-7	R-7	R-6	R-6	R-6	R-6
Nev.....	R-3	R-3	R-3	D-3	D-3	D-3	D-3	D-3	R-3	R-3
N. H.....	R-4	R-4	R-4	R-4	D-4	D-4	D-4	R-4	R-4	R-4
N. J.....	R-14	R-14	R-14	D-16	D-16	D-16	D-16	R-16	R-16	R-16
N. Mex.....	R-3	R-3	R-3	D-3	D-3	D-3	D-4	D-4	R-4	R-4
N. Y.....	R-45	R-45	R-45	D-47	D-47	D-47	D-47	D-47	R-45	R-45
N. C.....	D-12	D-12	R-12	D-13	D-13	D-13	D-14	D-14	D-14	D-14
N. Dak.....	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4	R-4	R-4
Ohio.....	R-24	R-24	R-24	D-26	D-26	D-26	R-25	D-25	R-25	R-25
Okla.....	R-10	D-10	R-10	D-11	D-11	D-11	D-10	D-10	R-8	R-8
Oreg.....	R-5	R-5	R-5	D-5	D-5	D-5	D-6	R-6	R-6	R-6
Pa.....	R-38	R-38	R-38	R-36	D-36	D-36	D-35	R-35	R-32	R-32
R. I.....	R-5	R-5	D-5	D-4	D-4	D-4	D-4	D-4	R-4	R-4
S. C.....	D-9	D-9	D-9	D-8	D-8	D-8	D-8	( <sup>2</sup> )	D-8	D-8
S. Dak.....	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4	R-4	R-4
Tenn.....	R-12	D-12	R-12	D-11	D-11	D-11	D-12	D-11	R-11	R-11
Tex.....	D-20	D-20	R-20	D-23	D-23	D-23	D-23	D-23	R-24	R-24
Utah.....	R-4	R-4	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4
Vt.....	R-4	R-4	R-4	R-3	R-3	R-3	R-3	R-3	R-3	R-3
Va.....	D-12	D-12	R-12	D-11	D-11	D-11	D-11	D-11	R-12	R-12
Wash.....	R-7	R-7	R-7	D-8	D-8	D-8	D-8	D-8	R-9	R-9
W. Va.....	R-8	R-8	R-8	D-8	D-8	D-8	D-8	D-8	D-8	R-8
Wis.....	R-13	( <sup>1</sup> )	R-13	D-12	D-12	D-12	R-12	D-12	R-12	R-12
Wyo.....	R-3	R-3	R-3	D-3	D-3	D-3	R-3	D-3	R-3	R-3

<sup>1</sup> Excludes 13 electoral votes of Wisconsin cast for Independent Progressive candidates.

<sup>2</sup> Excludes 39 electoral votes cast for States' Rights Democrat candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1.

<sup>3</sup> Excludes 1 electoral vote cast for Independent candidate.

Source: 1920, *Journal of the Senate*, Washington, D. C.; 1924-56, U. S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*.

**No. 438.—VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1952 TO 1956**

[In thousands. Years in which no regular elections occur indicated by leaders. Elections to fill vacancies for unexpired terms excluded]

STATE	1952				1954				1956			
	Total <sup>1</sup>	Democrat	Republican	Percent for majority party	Total <sup>1</sup>	Democrat	Republican	Percent for majority party	Total <sup>1</sup>	Democrat	Republican	Percent for majority party
<b>Total.....</b>	<b>44,802</b>	<b>20,029</b>	<b>23,242</b>	<b>51.9</b>	<b>20,549</b>	<b>11,402</b>	<b>8,839</b>	<b>55.5</b>	<b>43,855</b>	<b>22,200</b>	<b>21,249</b>	<b>50.6</b>
Alabama.....	---	---	---	---	314	259	55	82.5	330	330	---	100.0
Arizona.....	257	125	132	51.3	---	---	---	---	278	171	107	61.4
Arkansas.....	---	---	---	---	291	291	---	100.0	400	332	68	83.0
California.....	4,542	---	3,982	87.7	---	---	---	---	5,361	2,446	2,893	54.0
Colorado.....	---	---	---	---	484	236	249	51.3	637	320	317	50.2
Connecticut.....	1,093	485	574	52.5	---	---	---	---	1,114	479	611	54.8
Delaware.....	171	78	93	54.5	145	83	62	56.9	---	---	---	---
Florida.....	618	617	---	99.8	---	---	---	---	655	655	---	100.0
Georgia.....	---	---	---	---	334	334	---	100.0	541	541	---	100.0
Idaho.....	---	---	---	---	226	84	142	62.8	265	149	103	56.2
Illinois.....	---	---	---	---	3,368	1,804	1,564	53.6	4,265	1,950	2,307	54.1
Indiana.....	1,946	911	1,021	52.4	---	---	---	---	1,964	872	1,084	55.2
Iowa.....	---	---	---	---	847	403	442	62.2	1,179	543	635	53.9
Kansas.....	---	---	---	---	618	259	348	56.3	825	334	478	67.9
Kentucky.....	---	---	---	---	797	434	363	54.5	1,007	500	507	50.3
Louisiana.....	---	---	---	---	207	207	---	100.0	336	336	---	100.0
Maine.....	237	83	139	58.7	247	102	145	58.6	---	---	---	---
Maryland.....	856	406	450	52.5	---	---	---	---	893	420	473	53.0
Massachusetts.....	2,360	1,212	1,141	51.3	1,893	928	857	50.5	---	---	---	---
Michigan.....	2,821	1,383	1,428	50.6	2,145	1,089	1,049	50.8	---	---	---	---
Minnesota.....	1,387	590	786	56.6	1,139	642	480	56.4	---	---	---	---
Mississippi.....	234	234	---	100.0	106	101	5	95.6	---	---	---	---
Missouri.....	1,868	1,009	858	54.0	---	---	---	---	1,801	1,016	785	56.4
Montana.....	262	133	127	50.7	227	115	113	50.4	---	---	---	---
Nebraska.....	592	165	409	69.1	419	163	256	61.1	---	---	---	---
Nevada.....	81	39	42	51.7	---	---	---	---	96	51	46	52.6
New Hampshire.....	---	---	---	---	195	77	117	60.2	252	91	161	64.1
New Jersey.....	2,318	1,011	1,287	55.5	1,771	858	862	48.71	---	---	---	---
New Mexico.....	240	123	117	51.1	194	111	831	57.3	---	---	---	---
New York.....	6,980	2,522	3,854	55.2	---	---	---	---	6,991	2,965	3,724	53.3
North Carolina.....	---	---	---	---	620	408	211	65.9	1,099	731	367	66.6
North Dakota.....	238	55	158	66.3	---	---	---	---	244	88	155	63.6
Ohio.....	3,442	1,563	1,879	54.6	---	---	---	---	3,525	1,865	1,661	52.9
Oklahoma.....	---	---	---	---	600	335	262	55.8	831	460	371	55.3
Oregon.....	---	---	---	---	569	286	283	50.2	732	397	335	54.2
Pennsylvania.....	4,519	2,160	2,331	51.6	---	---	---	---	4,530	2,269	2,251	50.1
Rhode Island.....	411	225	186	54.8	326	193	132	59.4	---	---	---	---
South Carolina.....	---	---	---	---	227	84	---	36.8	280	230	50	82.2
South Dakota.....	---	---	---	---	236	101	135	57.3	291	143	148	50.8
Tennessee.....	735	545	153	74.2	356	249	107	70.0	---	---	---	---
Texas.....	1,895	1,895	---	100.0	636	538	95	84.6	---	---	---	---
Utah.....	327	150	177	54.3	---	---	---	---	330	152	178	54.0
Vermont.....	154	43	111	72.3	---	---	---	---	155	52	103	66.4
Virginia.....	544	399	---	73.4	307	245	---	79.9	---	---	---	---
Washington.....	1,059	595	461	56.2	---	---	---	---	1,122	686	437	61.1
West Virginia.....	877	470	407	53.6	593	325	268	54.8	---	---	---	---
Wisconsin.....	1,605	731	870	54.2	---	---	---	---	1,523	628	892	58.6
Wyoming.....	130	63	67	51.6	112	58	54	51.5	---	---	---	---

<sup>1</sup> Includes "Other parties," not shown separately.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election of Nov. 4, 1952*, *Statistics of the Congressional Election of Nov. 2, 1954*, and *Statistics of the Presidential and Congressional Election of Nov. 6, 1956*.

# No. 403.—APPORTIONMENT OF MEMBERSHIP IN HOUSE OF REPRESENTATIVES, BY STATES, FROM ADOPTION OF CONSTITUTION TO 1950

[Population figures used for apportionment purposes are those determined for States by each decennial census. Until 1940, population for apportionment purposes excluded Indians not taxed and until 1870, excluded two-fifths of slaves. Until 1850, apportionment ratios were chosen arbitrarily; 1850 to 1900, ratios were apportionment population of U. S. divided by predetermined number of Representatives; from 1910 on, apportionment ratios shown were computed by dividing fixed number (435) of Representatives into apportionment population but were not used in the original calculations, which were based on priority lists. No reapportionment based on 1920 Population Census. For discussion of apportionment methods, see S. Doc. No. 304, 76th Cong., 3d sess., *A Survey of Methods of Apportionment in Congress*, by Edward V. Huntington. See also *Historical Statistics, 1789-1945*, series P 57-61, which shows apportionment totals under Apportionment Act, *excluding* Representatives assigned after apportionment (footnote 6 below)]

STATE	Con- stitu- tion	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	
Apportionment ratios...1,000...	1	30	33	33	35	40	48	71	93	127	131	152	174	194	211	281	301	345
NUMBER OF REPRESENTA- TIVES																		
Total.....	65	106	142	186	213	242	232	237	243	293	332	357	391	435	435	435	435	
Alabama.....				1	3	5	7	7	6	8	8	9	9	10	9	9	9	
Arizona.....														1	1	2	2	
Arkansas.....							1	2	3	4	5	6	7	7	7	7	6	
California.....							2	2	3	4	6	7	8	11	20	23	30	
Colorado.....										1	1	2	3	4	4	4	4	
Connecticut.....	5	7	7	7	6	6	4	4	4	4	4	5	5	5	6	6	6	
Delaware.....	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Florida.....							1	1	1	2	2	2	3	4	5	6	8	
Georgia.....	3	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	
Idaho.....											1	1	1	2	2	2	2	
Illinois.....				1	1	3	7	9	14	19	20	22	25	27	27	26	25	
Indiana.....				1	3	7	10	11	11	13	13	13	13	13	12	11	11	
Iowa.....							2	2	6	9	11	11	11	11	9	8	8	
Kansas.....									1	3	7	8	8	8	7	6	6	
Kentucky.....		2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	
Louisiana.....				1	3	4	4	5	5	6	6	6	7	8	8	8	8	
Maine.....				7	7	8	7	6	5	5	4	4	4	4	3	3	3	
Maryland.....	6	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	
Massachusetts.....	8	14	17	13	13	12	10	11	10	11	12	13	14	16	15	14	14	
Michigan.....						1	3	4	6	9	11	12	12	13	17	17	18	
Minnesota.....								2	2	3	5	7	9	10	9	9	9	
Mississippi.....					1	2	4	5	5	6	7	7	8	8	7	7	6	
Missouri.....					1	2	5	7	9	13	14	15	16	16	13	13	11	
Montana.....											1	1	1	2	2	2	2	
Nebraska.....										1	1	3	6	6	6	5	4	
Nevada.....										1	1	1	1	1	1	1	1	
N. Hampshire.....	3	4	5	6	6	6	5	4	3	3	3	2	2	2	2	2	2	
New Jersey.....	4	5	6	6	6	6	5	5	5	7	7	7	8	10	12	14	14	
New Mexico.....															1	1	2	
New York.....	6	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	
N. Carolina.....	5	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12	
N. Dakota.....											1	1	2	3	2	2	2	
Ohio.....				1	6	14	19	21	21	19	20	21	21	22	24	23	23	
Oklahoma.....														5	8	9	8	
Oregon.....								1	1	1	1	2	2	3	3	4	4	
Pennsylvania.....	8	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	
Rhode Island.....	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	
S. Carolina.....	5	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	
S. Dakota.....											2	2	2	3	2	2	2	
Tennessee.....		1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	
Texas.....							2	2	4	6	11	13	16	18	21	21	22	
Utah.....												1	1	2	2	2	2	
Vermont.....		2	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	
Virginia.....	10	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	
Washington.....											1	2	3	5	6	6	7	
West Virginia.....										3	4	4	5	6	6	6	6	
Wisconsin.....							2	3	6	8	9	10	11	11	10	10	10	
Wyoming.....											1	1	1	1	1	1	1	

<sup>1</sup> Number of Representatives not to exceed 1 for each 30,000 inhabitants.

<sup>2</sup> See headnote.

<sup>3</sup> Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See footnote 6.

<sup>4</sup> Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See footnote 6.

<sup>5</sup> Membership originally fixed at 283 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192). One Member assigned to Colorado after apportionment.

<sup>6</sup> Assigned after apportionment.

<sup>7</sup> Included in apportionment act in anticipation of Statehood.

<sup>8</sup> Included in the 20 Members originally assigned to Massachusetts but credited to Maine after its admission as a State, Mar. 15, 1820 (3 Stat. L. 555).



No. 440.—VOTE CAST FOR UNITED STATES REPRESENTATIVES, AND PERCENT OF VOTE FOR MAJORITY PARTY, BY STATES: 1942 TO 1952

[In thousands. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party. For explanation and current figures, see table 441]

STATE	1942		1944		1946		1948		1950		1952	
	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party
Total.....	128,074	R—50.6	45,103	D—50.6	34,398	R—53.5	46,142	D—51.6	40,430	R—48.9	57,571	R—49.3
Ala.....	69	D—99.4	222	D—90.2	179	D—92.1	197	D—93.1	152	D—99.4	343	D—94.6
Ariz. <sup>1</sup> .....	80	D—70.7	128	D—69.1	113	D—66.4	159	D—60.8	178	D—65.0	248	D—51.5
Ark.....	98	D—100.0	217	D—92.4	151	D—94.7	229	D—100.0	296	D—100.0	362	D—85.3
Calif. <sup>4</sup> .....	1,902	D—47.7	3,007	D—50.5	2,335	R—61.5	3,561	R—55.4	3,359	R—52.2	4,564	R—52.2
Colo.....	342	R—68.2	494	R—67.0	332	R—65.6	497	D—64.8	443	R—61.0	607	R—55.3
Conn.....	560	R—50.5	825	D—51.0	674	R—55.5	921	D—49.6	861	D—50.6	1,093	R—53.7
Del.....	85	R—63.6	126	D—50.3	113	R—56.4	141	R—50.6	129	R—56.7	170	R—51.9
Fla.....	107	D—88.2	416	D—84.8	187	D—80.9	353	D—84.2	253	D—90.4	739	D—74.1
Ga.....	62	D—94.3	274	D—98.9	162	D—87.9	365	D—100.0	253	D—100.0	547	D—100.0
Idaho.....	139	R—61.2	206	D—61.5	179	R—66.5	212	D—50.0	200	R—54.4	265	R—59.4
Ill.....	2,863	R—54.1	3,875	R—50.1	3,447	R—56.5	3,849	D—52.0	3,510	R—53.9	4,353	R—54.0
Ind.....	1,287	R—55.5	1,651	R—52.9	1,333	R—54.4	1,333	D—61.2	1,587	R—53.6	1,936	R—55.5
Iowa.....	665	R—61.7	973	R—66.8	593	R—61.5	940	R—55.0	820	R—61.0	1,143	D—68.7
Kansas.....	494	R—60.6	664	R—63.0	555	R—60.2	704	R—57.5	607	R—59.0	824	R—59.4
Ky.....	343	D—56.4	844	D—54.5	583	D—53.4	741	D—56.2	489	D—63.0	951	D—52.1
La.....	85	D—100.0	283	D—100.0	106	D—94.7	322	D—95.9	227	D—100.0	416	D—91.3
Maine.....	161	R—69.6	184	R—70.7	174	R—63.4	214	R—66.3	238	R—57.6	234	R—66.0
Md.....	337	D—56.3	544	D—55.9	445	D—62.3	534	D—54.5	573	R—49.9	841	R—51.8
Mass.....	1,327	R—63.8	1,890	R—63.0	1,617	R—63.4	2,155	D—45.3	1,947	R—47.8	2,289	R—52.9
Mich.....	1,171	R—63.8	2,163	R—62.1	1,605	R—60.8	2,065	R—49.6	1,805	R—53.0	2,772	R—52.4
Minn.....	761	R—69.4	1,109	R—68.8	875	R—58.8	1,182	R—60.2	1,013	R—52.9	1,388	R—54.0
Miss.....	59	D—100.0	153	D—96.6	50	D—100.0	153	D—99.8	83	D—94.2	241	D—97.5
Mo.....	925	R—61.5	1,620	D—62.5	1,085	R—52.2	1,565	D—58.8	1,250	D—55.8	1,861	D—52.2
Mont.....	170	D—55.0	197	D—59.9	190	D—50.5	215	D—67.2	211	D—61.4	256	R—56.4
Nebr.....	357	R—63.9	515	R—65.3	372	R—66.9	460	R—58.3	436	R—62.3	566	R—68.2
Nev.....	39	D—53.6	52	D—63.1	49	R—58.8	59	D—60.6	60	D—52.8	81	R—50.5
N. H.....	156	R—65.1	216	R—62.6	161	R—62.0	220	R—66.4	185	R—60.7	258	R—63.1
N. J.....	1,203	R—63.9	1,859	R—63.1	1,382	R—59.0	1,852	R—60.6	1,571	R—54.7	2,316	R—56.9
N. Mex. <sup>2</sup> .....	106	D—68.8	152	D—66.1	127	D—62.3	185	D—68.6	173	D—56.4	234	D—56.0
N. Y.....	3,875	R—46.6	6,025	R—46.9	4,705	R—53.6	5,998	R—44.3	5,052	R—47.2	6,910	R—52.4
N. C.....	315	D—72.7	755	D—69.5	452	D—61.3	764	D—70.8	522	D—70.0	1,122	D—68.0
N. Dak. <sup>3</sup> .....	182	R—47.1	198	R—51.1	144	R—71.5	191	R—69.4	181	R—65.6	231	R—78.4
Ohio.....	1,735	R—55.4	2,954	R—62.8	2,217	R—56.9	2,809	D—62.3	2,767	R—52.4	3,382	R—54.3
Okla.....	252	D—67.5	685	D—58.6	492	D—58.5	685	D—67.2	608	D—60.0	933	D—58.5
Oreg.....	276	R—68.2	442	R—61.5	335	R—64.8	491	R—60.3	499	R—57.7	666	R—61.3
Pa.....	2,509	R—63.9	3,713	D—50.7	3,112	R—57.7	3,657	R—51.0	3,512	R—52.2	4,518	R—52.3
R. I.....	237	D—68.2	293	D—59.8	272	D—64.6	319	D—60.8	293	D—61.9	407	D—64.1
S. C.....	23	D—100.0	101	D—96.5	26	D—98.9	141	D—95.1	50	D—100.0	284	D—98.0
S. Dak.....	178	R—62.7	226	R—65.1	158	R—63.2	241	R—66.4	248	R—60.7	287	R—68.6
Tenn.....	156	D—65.4	399	D—65.4	193	D—65.4	449	D—63.1	263	D—63.0	700	D—68.5
Tex.....	278	D—98.8	1,058	D—94.1	347	D—95.1	1,052	D—93.6	360	D—90.5	1,719	D—98.7
Utah.....	150	D—63.1	248	D—60.4	197	R—61.4	274	D—68.1	264	D—62.5	327	R—55.6
Vt.....	58	R—70.2	123	R—62.4	73	R—64.3	123	R—60.9	89	R—73.4	153	R—71.8
Va.....	90	D—85.6	343	D—69.8	254	D—66.1	383	D—66.6	212	D—73.4	447	D—66.7
Wash.....	428	D—62.6	803	D—63.0	645	R—58.3	818	D—49.2	724	R—52.3	1,016	R—56.5
W. Va.....	460	R—60.3	719	D—54.2	537	D—50.1	759	D—58.3	663	D—56.6	875	D—53.9
Wis.....	749	R—46.8	1,163	R—63.7	984	R—62.5	1,211	R—55.8	1,110	R—57.6	1,668	R—61.1
Wyo.....	75	R—60.7	96	R—55.7	79	R—56.0	97	R—61.5	93	R—54.5	127	R—60.1

<sup>1</sup> See footnote 16, table 434.

<sup>2</sup> Percentage was 48.9 for each major party.

<sup>3</sup> For 1942-1946, no Representatives were elected from districts, but more than one was elected from the State-at-large.

<sup>4</sup> In California, a person may become a candidate of one or more parties for the same office. Inasmuch as votes cast by voters of various parties for the same candidate are not segregable, the vote is counted for the party of which the candidate is a member.

Source: 1942-44, Department of Commerce, Bureau of the Census; Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1928-44*. U. S. Congress, Clerk of the House; 1946 and 1950, *Statistics of the Congressional Election*, and 1948 and 1952, *Statistics of the Presidential and Congressional Election*.

# No. 441.—VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY POLITICAL PARTIES, BY STATES: 1954 AND 1956

[In thousands. In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In Delaware, Nevada, Vermont, and Wyoming, only 1 Representative is elected from the State at large. In New Mexico and North Dakota, 2 Representatives are elected from the State at large. In Connecticut, Texas, and Washington, Representatives are elected by district, except 1 who is elected at large; these at-large votes are not reflected in this tabulation. 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, the votes are counted as for the endorsing party. See also notes below.]

STATE	1954					1956				
	Total <sup>1</sup>	Democrat-ic	Re- publican	Percent of total		Total <sup>1</sup>	Democrat-ic	Re- publican	Percent of total	
				Democrat-ic	Re- publican				Democrat-ic	Re- publican
Total.....	42,580	22,175	20,034	52.1	47.0	58,886	29,832	28,697	50.7	48.7
Alabama.....	280	209	11	96.0	4.0	383	331	52	86.5	13.5
Arizona.....	223	121	102	54.3	45.7	281	147	134	52.4	47.6
Arkansas.....	280	280	—	100.0	—	270	255	15	94.8	5.2
California <sup>2</sup> .....	3,873	1,991	1,877	51.4	48.4	5,178	2,711	2,467	52.4	47.6
Colorado.....	480	240	240	49.9	50.0	629	332	297	52.8	47.2
Connecticut.....	936	458	473	48.9	50.5	1,114	437	674	39.3	60.5
Delaware.....	144	79	65	54.9	45.1	176	85	92	48.0	52.0
Florida.....	325	255	71	78.2	21.8	942	500	352	62.6	37.4
Georgia.....	350	315	30	90.0	8.5	593	522	59	88.1	10.0
Idaho.....	226	108	123	45.5	54.5	260	121	140	46.4	53.6
Illinois.....	3,258	1,636	1,621	50.2	49.8	4,240	1,997	2,273	46.4	53.6
Indiana.....	1,587	748	833	47.1	52.5	1,961	864	1,092	44.1	55.7
Iowa.....	817	330	478	41.5	58.5	1,170	534	637	45.6	54.4
Kansas.....	615	208	347	33.5	66.5	827	387	439	46.8	53.0
Kentucky.....	668	432	236	64.6	35.3	965	503	462	52.2	47.8
Louisiana.....	216	208	8	96.2	3.8	388	330	57	85.2	14.8
Maine.....	241	109	133	45.0	55.0	292	142	150	48.6	51.4
Maryland.....	639	342	295	53.5	46.2	866	444	421	51.3	48.7
Massachusetts.....	1,783	947	835	53.1	46.8	2,242	1,093	1,148	48.7	51.2
Michigan.....	2,133	1,101	1,028	51.6	48.2	2,995	1,491	1,500	49.8	50.1
Minnesota.....	1,131	600	531	53.0	47.0	1,389	712	676	51.3	48.7
Mississippi.....	99	99	—	100.0	—	206	206	—	100.0	—
Missouri.....	1,185	666	519	56.2	43.8	1,693	1,011	682	59.7	40.3
Montana.....	225	117	107	52.1	47.9	263	146	117	55.6	44.4
Nebraska.....	407	186	250	38.4	61.6	546	220	324	40.3	59.2
Nevada.....	78	35	42	45.5	54.5	94	51	43	54.2	45.8
New Hampshire.....	192	87	105	45.3	54.7	253	98	155	38.7	61.3
New Jersey.....	1,787	862	904	48.3	50.6	2,388	973	1,392	40.7	58.3
New Mexico <sup>3</sup> .....	189	112	77	59.1	40.9	485	258	227	53.2	46.8
New York.....	5,000	2,227	2,505	44.5	50.1	6,887	2,842	3,745	41.3	58.4
North Carolina.....	604	390	214	64.6	35.4	1,025	716	309	69.9	30.1
North Dakota <sup>4</sup> .....	189	64	125	33.9	66.1	449	169	280	37.7	62.3
Ohio.....	2,499	1,113	1,341	44.6	55.3	3,381	1,445	1,937	42.7	57.3
Oklahoma.....	546	354	191	64.9	35.1	813	485	327	59.7	40.2
Oregon.....	564	267	307	45.5	54.5	719	380	338	52.9	47.1
Pennsylvania.....	3,696	1,872	1,824	50.6	49.4	4,519	2,132	2,387	47.2	52.8
Rhode Island.....	323	163	130	50.8	49.2	377	203	173	54.0	46.0
South Carolina.....	213	211	3	98.7	1.3	262	250	12	95.3	4.7
South Dakota.....	232	95	137	40.9	59.1	288	146	143	50.5	49.5
Tennessee.....	345	233	112	67.4	32.6	681	401	279	58.9	40.9
Texas.....	623	542	81	87.0	12.9	1,707	1,465	239	85.8	14.0
Utah.....	263	117	146	44.3	55.7	329	136	194	41.1	58.9
Vermont.....	114	44	70	38.6	61.4	155	51	104	32.9	67.1
Virginia.....	342	204	128	59.7	40.3	697	416	280	59.7	40.3
Washington.....	816	354	462	43.4	56.6	1,062	478	584	45.0	55.0
West Virginia.....	591	340	252	57.5	42.5	806	428	378	53.1	46.9
Wisconsin.....	1,141	542	599	47.5	52.5	1,522	697	825	45.8	54.2
Wyoming.....	109	48	61	43.8	56.2	120	50	70	41.8	58.2

<sup>1</sup> Includes vote cast for minor parties, not shown separately.

<sup>2</sup> For New York, included in Republican are 17,954 votes cast for Republican-endorsed Democrat in 18th District.

<sup>3</sup> A person may be candidate of one or more parties for same office, so that party votes for candidates are not segregable. Party vote shown is computed by assigning to a party total votes for candidates who are members of that party.

<sup>4</sup> Voters entitled to vote for 2 candidates; total ascertained by adding the highest vote received by a single candidate in each political party.

<sup>5</sup> Includes 171,344 votes cast by minor parties for Liberal-endorsed Democrats.

<sup>6</sup> Includes 230,434 votes cast by minor parties for Democratic-endorsed candidates and 762 for Republican-endorsed.

Source: U. S. Congress, Clerk of the House; *Statistics of the Congressional Election of Nov. 2, 1954, and Statistics of the Presidential and Congressional Election of Nov. 6, 1956.*

No. 442.—COMPOSITION OF CONGRESS BY POLITICAL PARTY AFFILIATIONS, BY STATES: 1953 TO 1957

[Figures are for the beginning of the first session of each Congress. Dem.=Democratic; Rep.=Republican]

STATE	REPRESENTATIVES						SENATORS					
	83d Congress <sup>1</sup> (1953)		84th Congress (1955)		85th Congress <sup>2</sup> (1957)		83d Congress (1953)		84th Congress <sup>3</sup> (1955)		85th Congress (1957)	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
<b>United States...</b>	<b>211</b>	<b>221</b>	<b>232</b>	<b>203</b>	<b>233</b>	<b>200</b>	<b>47</b>	<b>48</b>	<b>48</b>	<b>47</b>	<b>49</b>	<b>47</b>
Alabama.....	9	—	9	—	9	—	2	—	2	—	2	—
Arizona.....	1	1	1	1	1	1	1	1	1	1	1	1
Arkansas.....	6	—	6	—	6	—	2	—	2	—	2	—
California.....	11	19	11	19	13	17	—	2	—	2	—	2
Colorado.....	2	2	2	2	2	2	1	1	—	2	1	1
Connecticut.....	1	5	1	5	—	6	—	2	—	2	—	2
Delaware.....	—	1	1	—	1	1	1	1	1	1	1	1
Florida.....	8	—	7	1	7	1	2	—	2	—	2	—
Georgia.....	9	—	10	—	10	—	2	—	2	—	2	—
Idaho.....	1	1	1	1	1	1	—	2	—	2	1	1
Illinois.....	8	16	12	13	11	14	1	1	1	1	1	1
Indiana.....	1	10	2	9	2	9	—	2	—	2	—	2
Iowa.....	—	8	—	8	1	7	1	1	—	2	—	2
Kansas.....	1	5	—	6	1	5	—	2	—	2	—	2
Kentucky.....	6	2	6	2	6	—	1	1	2	—	—	2
Louisiana.....	8	—	8	—	8	—	2	—	2	—	2	—
Maine.....	—	3	—	3	1	2	—	2	—	2	—	2
Maryland.....	3	4	4	3	4	3	—	2	—	2	—	2
Massachusetts.....	5	8	7	7	7	6	1	1	1	1	1	1
Michigan.....	6	13	7	11	6	12	—	2	—	2	—	2
Minnesota.....	4	5	5	4	5	4	1	1	1	1	1	1
Mississippi.....	6	—	6	—	6	—	2	—	2	—	2	—
Missouri.....	7	4	9	2	10	1	2	—	2	—	2	—
Montana.....	1	1	1	1	2	—	2	—	2	—	2	—
Nebraska.....	—	4	—	4	—	4	—	2	—	2	—	2
Nevada.....	—	1	—	1	1	—	1	1	1	1	1	1
New Hampshire.....	—	2	—	2	—	2	—	2	—	2	—	2
New Jersey.....	5	9	6	8	4	9	—	2	—	2	—	2
New Mexico.....	2	2	2	1	1	—	2	—	2	—	2	—
New York.....	16	27	17	26	17	26	1	1	1	1	—	2
North Carolina.....	11	1	11	1	11	1	2	—	2	—	2	—
North Dakota.....	—	2	—	2	—	2	—	2	—	2	—	2
Ohio.....	6	16	6	17	6	17	—	2	—	2	1	1
Oklahoma.....	5	1	5	1	5	1	2	—	2	—	2	—
Oregon.....	—	4	1	3	3	1	—	1	1	—	2	—
Pennsylvania.....	11	19	14	16	13	17	—	2	—	2	1	1
Rhode Island.....	2	—	2	—	2	—	2	—	2	—	2	—
South Carolina.....	6	—	6	—	6	—	2	—	2	—	2	—
South Dakota.....	—	2	—	2	1	1	—	2	—	2	—	2
Tennessee.....	7	2	7	2	7	2	—	2	—	2	—	2
Texas.....	22	—	21	1	21	1	2	—	2	—	2	—
Utah.....	—	2	—	2	—	2	—	2	—	2	—	2
Vermont.....	—	1	—	1	—	1	—	2	—	2	—	2
Virginia.....	7	3	8	2	8	2	—	2	—	2	—	2
Washington.....	1	6	1	6	1	6	—	2	—	2	—	2
West Virginia.....	5	1	6	—	4	2	2	—	2	—	1	1
Wisconsin.....	1	9	3	7	3	7	—	2	—	2	—	2
Wyoming.....	—	1	—	1	—	1	1	1	1	1	1	1

<sup>1</sup> Data exclude 1 vacancy for Georgia, 1 vacancy for Illinois, and 1 Independent for Ohio.

<sup>2</sup> Data exclude 1 vacancy for New Jersey and 1 for New Mexico.

<sup>3</sup> Data exclude 1 Independent for Oregon.

Source: U. S. Congress, Joint Committee on Printing; *Congressional Directory*.

# No. 443.—COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS: 1915 TO 1958

[D=Democratic, R=Republican. Figures are for the beginning of the first session of each Congress. See also *Historical Statistics, 1789-1945*, series P 50-56]

YEAR	President	Congress	HOUSE			SENATE		
			Major party	Principal minority party	Other (except vacancies)	Major party	Principal minority party	Other (except vacancies)
1915-1917	D (Wilson)	64th	D-230	R-196	9	D-56	R-40	---
1917-1919	D (Wilson)	65th	D-216	R-210	6	D-53	R-42	---
1919-1921	D (Wilson)	66th	D-240	D-190	3	R-49	D-47	---
1921-1923	R (Harding)	67th	R-301	D-131	1	R-59	D-37	---
1923-1925	R (Coolidge)	68th	R-225	D-205	3	R-51	D-43	2
1925-1927	R (Coolidge)	69th	R-247	D-183	4	R-56	D-39	1
1927-1929	R (Coolidge)	70th	R-237	D-195	3	R-49	D-46	1
1929-1931	R (Hoover)	71st	R-267	D-167	1	R-56	D-39	1
1931-1933	R (Hoover)	72d	D-220	R-214	1	R-48	D-47	1
1933-1934	D (F. Roosevelt)	73d	D-310	R-117	5	D-60	R-35	1
1935-1936	D (F. Roosevelt)	74th	D-319	R-103	10	D-69	R-25	2
1937-1938	D (F. Roosevelt)	75th	D-331	R-89	13	D-76	R-16	4
1939-1941	D (F. Roosevelt)	76th	D-261	R-164	4	D-69	R-22	4
1941-1942	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943-1944	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945-1946	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
1947-1948	D (Truman)	80th	R-245	D-188	1	R-51	D-45	---
1949-1950	D (Truman)	81st	D-263	R-171	1	D-54	R-42	---
1951-1952	D (Truman)	82d	D-234	R-199	1	D-49	R-47	---
1953-1954	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955-1956	R (Eisenhower)	84th	D-232	R-203	---	D-48	R-47	1
1957-1958	R (Eisenhower)	85th	D-233	R-200	---	D-49	R-47	---

Source: U. S. Congress, Joint Committee on Printing; *Congressional Directory*.

# No. 444.—CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1941 TO 1957

[Excludes simple and concurrent resolutions. See also *Historical Statistics, 1789-1945*, series P 40-44 and P 47]

ITEM	77th Cong.	78th Cong.	79th Cong.	80th Cong.	81st Cong.	82d Cong.	83d Cong.	84th Cong.	85th Cong.
Period of session	1941-42	1943-44	1945-46	1947-48	1949-50	1951-52	1953-54	1955-56	1957
Measures introduced	11,334	8,334	10,330	10,797	14,988	12,730	14,952	17,687	13,113
Bills	10,793	7,845	9,748	10,108	14,219	12,062	14,181	16,782	12,520
Joint resolutions	541	489	582	689	769	668	771	905	593
Measures enacted	1,485	1,157	1,625	1,363	2,024	1,617	1,783	1,921	657
Public	850	568	733	906	921	594	781	1,028	310
Private	635	589	892	457	1,103	1,023	1,002	893	341

Source: U. S. Congress, *Calendar of the U. S. House of Representatives and History of Legislation*, tabulations of Library of Congress Legislative Reference Service; and *Congressional Record*.

# No. 445.—CONGRESSIONAL BILLS VETOED: 1913 TO 1957

[See also *Historical Statistics, 1789-1945*, series P 32-37]

PERIOD	President	VETOED BILLS			Vetoed sustained	Bills passed over veto
		Total	Regular	Pocket		
1913-1921	Wilson	44	33	11	38	6
1921-1923	Harding	6	5	1	6	0
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	631	371	260	622	9
1945-1953	Truman	250	180	70	238	12
1953-1957	Eisenhower	97	36	61	97	0

Source: U. S. Congress, Senate Library, *Veto Messages* . . . 1889-1948; U. S. Congress, *Calendar of the U. S. House of Representatives and History of Legislation*.

## No. 446.—CITIZENS AND POPULATION OF VOTING AGE: 1900 TO 1956

[In thousands. For total population 21 years old and over, for 1950, see table 35. For U. S. totals, see also *Historical Statistics, 1789-1945*, series B 244 and B 258]

STATE	MALE CITIZENS 21 YEARS OLD AND OVER		CITIZENS 21 YEARS OLD AND OVER				CIVILIAN POPULATION 21 YEARS OLD AND OVER <sup>1</sup>	
	1900	1910	1920	1930	1940	1950	1952	1956
United States.....	<sup>2</sup> 18,974	<sup>3</sup> 23,257	<sup>3</sup> 54,419	67,289	79,863	<sup>4</sup> 94,974	98,133	102,743
New England.....	1,373	1,542	3,637	4,252	5,016	5,969	6,143	6,219
Maine.....	192	202	421	439	494	552	551	546
New Hampshire.....	110	111	235	257	296	338	349	355
Vermont.....	97	101	199	203	214	230	231	223
Massachusetts.....	647	755	1,861	2,198	2,575	3,038	3,104	3,118
Rhode Island.....	101	120	290	358	425	514	514	520
Connecticut.....	226	255	631	797	1,012	1,297	1,394	1,458
Middle Atlantic.....	3,861	4,517	10,364	14,180	16,952	19,843	20,854	21,424
New York.....	1,829	2,110	5,129	6,784	8,328	9,796	10,476	10,832
New Jersey.....	467	592	1,527	2,179	2,593	3,217	3,421	3,546
Pennsylvania.....	1,565	1,814	4,328	5,217	6,031	6,830	6,957	7,046
East North Central.....	4,139	4,835	11,610	14,487	16,797	19,662	20,374	21,435
Ohio.....	1,143	1,318	3,228	3,882	4,404	5,181	5,349	5,704
Indiana.....	691	776	1,703	1,945	2,199	2,532	2,631	2,729
Illinois.....	1,259	1,454	3,468	4,429	5,120	5,802	6,055	6,082
Michigan.....	611	734	1,879	2,676	3,132	3,963	4,227	4,593
Wisconsin.....	434	555	1,337	1,655	1,942	2,184	2,212	2,323
West North Central.....	2,447	3,123	6,840	7,761	8,502	9,002	9,053	9,302
Minnesota.....	412	521	1,233	1,461	1,731	1,873	1,909	1,977
Iowa.....	595	607	1,367	1,472	1,609	1,676	1,680	1,666
Missouri.....	823	917	1,969	2,221	2,464	2,620	2,627	2,717
North Dakota.....	71	139	290	341	358	359	362	379
South Dakota.....	94	151	313	374	378	397	392	407
Nebraska.....	264	315	685	785	817	846	842	876
Kansas.....	388	473	983	1,106	1,145	1,231	1,240	1,280
South Atlantic.....	2,454	2,978	7,049	8,283	10,286	<sup>4</sup> 12,871	<sup>1</sup> 13,025	<sup>1</sup> 13,902
Delaware.....	51	57	126	142	172	207	223	249
Maryland.....	308	344	818	959	1,154	1,500	1,540	1,700
District of Columbia.....	81	98	293	331	475	570	559	564
Virginia.....	443	515	1,193	1,293	1,568	2,013	1,973	2,043
West Virginia.....	241	311	711	874	1,046	1,161	1,156	1,147
North Carolina.....	417	503	1,203	1,539	1,925	2,305	2,301	2,447
South Carolina.....	282	333	777	818	990	1,148	1,159	1,222
Georgia.....	498	616	1,415	1,494	1,769	<sup>2</sup> 2,176	<sup>1</sup> 2,152	<sup>1</sup> 2,202
Florida.....	133	202	514	633	1,188	1,791	1,964	2,327
East South Central.....	1,778	2,075	4,494	5,201	6,085	6,660	6,555	6,765
Kentucky.....	538	596	1,278	1,416	1,631	1,738	1,838	1,858
Tennessee.....	484	548	1,208	1,414	1,703	1,973	1,976	2,042
Alabama.....	411	507	1,136	1,343	1,555	1,744	1,720	1,742
Mississippi.....	347	424	872	1,028	1,195	1,205	1,176	1,123
West South Central.....	1,417	2,143	4,973	6,367	7,537	8,651	8,902	9,155
Arkansas.....	310	391	862	965	1,099	1,110	1,057	1,019
Louisiana.....	313	398	897	1,119	1,365	1,577	1,619	1,659
Oklahoma.....	106	421	980	1,277	1,362	1,376	1,317	1,342
Texas.....	688	934	2,234	3,006	3,710	4,587	4,909	5,135
Mountain.....	487	737	1,657	1,953	2,394	2,982	3,100	3,442
Montana.....	85	118	284	299	343	364	367	375
Idaho.....	47	95	218	237	305	344	335	353
Wyoming.....	33	50	103	124	150	175	169	180
Colorado.....	164	254	519	586	658	827	844	953
New Mexico.....	51	81	160	203	275	367	330	409
Arizona.....	35	46	126	202	263	421	483	583
Utah.....	58	84	206	248	298	380	405	439
Nevada.....	14	30	41	53	70	104	117	150
Pacific.....	723	1,254	3,102	4,806	6,297	9,334	10,127	11,099
Washington.....	166	347	741	917	1,124	1,508	1,626	1,611
Oregon.....	124	212	448	580	717	980	1,031	1,075
California.....	433	694	1,913	3,309	4,456	6,846	7,471	8,412

<sup>1</sup> As of November 1. Figures for Georgia for 1952, and for Georgia and Kentucky for 1956, relate to civilians 18 years old and over.

<sup>2</sup> Includes 95,745 males in Indian Territory.

<sup>3</sup> 1910 and 1920 State figures include foreign-born Negroes (not naturalized) excluded from U. S. totals, but exclude native born of all other nonwhite races included in U. S. totals.

<sup>4</sup> Figures for Georgia, where minimum voting age is 18, includes all persons (172,441), citizens and noncitizens, 18 to 20 years of age.

Source: Department of Commerce, Bureau of the Census. 12th Census Reports, *Population*, Vol. I, Pt. 1; 13th Census Reports, *Abstract of the Census*; 14th Census Reports, *Population*, Vol. III; 15th Census Reports, *Population*, Vol. II; 16th Census Reports, *Population*, Vol. II, Pt. 1; U. S. Census of Population; 1950, Vol. II, Pt. 1, and *Current Population Reports*, Series P-25, No. 143.

# No. 447.—CIVILIAN POPULATION OF VOTING AGE, AND VOTE CAST FOR PRESIDENTIAL ELECTORS AND UNITED STATES REPRESENTATIVES: 1920 TO 1956

[In thousands. Population as of November 1; includes aliens]

YEAR	Estimated civilian population of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR UNITED STATES REPRESENTATIVES		YEAR	Estimated civilian population of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR UNITED STATES REPRESENTATIVES	
		Number	Percent of civilians of voting age	Number	Percent of civilians of voting age			Number	Percent of civilians of voting age	Number	Percent of civilians of voting age
1920----	61,495	26,813	43.6	25,080	40.8	1940----	84,319	49,820	59.1	46,951	55.7
1922----	63,598	-----	-----	20,409	32.1	1942----	82,851	-----	-----	28,074	33.9
1924----	66,195	29,091	43.9	26,884	40.6	1944----	90,509	47,976	53.0	45,103	49.8
1926----	68,550	-----	-----	20,613	30.1	1946----	92,018	-----	-----	34,398	37.4
1928----	70,993	36,812	51.9	34,154	48.1	1948----	94,877	48,834	51.5	46,142	48.6
1930----	73,521	-----	-----	24,777	33.7	1950----	97,023	-----	-----	40,430	41.7
1932----	75,671	39,751	52.5	37,667	49.8	1952----	98,133	61,552	62.7	57,571	58.7
1934----	77,898	-----	-----	32,530	41.8	1954----	100,223	-----	-----	42,580	42.5
1936----	80,055	45,647	57.0	42,886	53.6	1956----	102,743	62,027	60.4	58,886	57.3
1938----	82,225	-----	-----	36,236	44.1						

<sup>1</sup> Population 21 years old and over plus population 18 to 20 years in Georgia for 1944 to 1956, and in Kentucky for 1956.

<sup>2</sup> Total population including Armed Forces overseas. Civilian population was 81,024,000; vote cast by civilians, 45,285,000; and percent of voting age, 55.9.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 100, 143 and records.

# No. 448.—VOTE CAST FOR GOVERNOR, IN GENERAL AND PRIMARY ELECTIONS, BY STATES

[In thousands. In many States, 1 or both Gubernatorial nominations are uncontested, and the vote cast is largely honorary. Also, in many Southern States, there are no Republican primaries, for that party nominates by convention while the Democrats do so by primary vote]

STATE	Year	General election	Primary election <sup>1</sup>	STATE	Year	General election	Primary election <sup>1</sup>
Alabama-----	1954	333	594	Nebraska-----	1956	568	166
Arizona-----	1956	289	161	Nevada-----	1954	78	537
Arkansas-----	1956	399	311	New Hampshire-----	1956	259	100
California-----	1954	24,030	3,043	New Jersey-----	1953	1,811	705
Colorado-----	1956	645	184	New Mexico-----	1956	252	116
Connecticut-----	1954	237	( <sup>3</sup> )	New York-----	1954	25,162	( <sup>3</sup> )
Delaware-----	1956	177	( <sup>3</sup> )	North Carolina-----	1956	1,136	467
Florida-----	1956	1,015	840	North Dakota-----	1956	252	160
Georgia-----	1954	332	646	Ohio-----	1956	3,542	1,075
Idaho-----	1954	229	129	Oklahoma-----	1954	609	578
Illinois-----	1956	4,315	1,621	Oregon-----	1956	731	483
Indiana-----	1956	1,954	( <sup>3</sup> )	Pennsylvania-----	1954	3,720	1,537
Iowa-----	1956	1,204	299	Rhode Island-----	1956	384	( <sup>9</sup> )
Kansas-----	1956	865	449	South Carolina-----	1954	214	302
Kentucky-----	1955	778	603	South Dakota-----	1956	292	( <sup>7</sup> )
Louisiana-----	1956	172	822	Tennessee-----	1954	2323	707
Maine-----	1956	305	111	Texas-----	1956	1,828	1,577
Maryland-----	1954	700	407	Utah-----	1956	333	196
Massachusetts-----	1956	2,340	776	Vermont-----	1956	2154	46
Michigan-----	1956	3,050	505	Virginia-----	1953	2414	228
Minnesota-----	1956	1,422	602	Washington-----	1956	1,129	747
Mississippi-----	1955	241	44	West Virginia-----	1956	818	544
Missouri-----	1956	1,808	644	Wisconsin-----	1956	1,558	606
Montana-----	1956	270	173	Wyoming-----	1954	111	78

<sup>1</sup> Comprises initial primary elections—excludes run-off primaries.

<sup>2</sup> Source: Governmental Affairs Institute, Washington, D. C.

<sup>3</sup> Candidates for Governor nominated at party conventions.

<sup>4</sup> Candidates nominated at party conventions unless optional primary is used.

<sup>5</sup> Democratic primary only; no contest in Republican primary.

<sup>6</sup> No primary election for Governor.

<sup>7</sup> No primary contest for Governor.

Source: The Council of State Governments, Chicago, Ill.; *The Book of the States*, 1958-59.

## VOTE FOR GOVERNORS

357

## No. 449.—VOTE CAST FOR GOVERNOR, BY STATES, 1950 TO 1956, AND CANDIDATES ELECTED, 1956

[In thousands. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party]

STATE	1950		1952		1954		1956		Candidate elected
	Total vote	Percent for majority party	Total vote	Percent for majority party	Total vote	Percent for majority party	Total vote	Percent for majority party	
Ala.-----	171	D-91.1	-----	-----	333	D-73.4	-----	-----	James E. Folsom.
Ariz.-----	195	R-50.8	260	R-60.2	244	D-52.5	289	D-59.5	Ernest W. McFarland.
Ark.-----	317	D-84.1	392	D-87.4	335	D-62.1	399	D-80.6	Orval E. Faubus.
Calif.-----	3,796	R-64.8	-----	-----	4,080	R-56.8	-----	-----	Goodwin J. Knight.
Colo.-----	451	R-52.4	613	R-57.1	490	D-53.6	645	D-51.3	S. L. R. McNichols.
Conn.-----	879	R-49.7	-----	-----	937	D-49.5	-----	-----	Abraham A. Ribicoff.
Del.-----	-----	-----	171	R-52.1	-----	-----	177	R-52.0	J. Caleb Boggs.
Fla.-----	-----	-----	835	D-74.8	1,358	D-80.4	1,015	D-73.7	LeRoy Collins.
Ga.-----	234	D-98.4	-----	-----	332	D-100.0	-----	-----	Marvin Griffin.
Idaho.-----	205	R-52.6	-----	-----	229	R-54.2	-----	-----	Robert E. Smylie.
Ill.-----	-----	-----	4,416	R-52.5	-----	-----	4,315	R-50.3	William G. Stratton.
Ind.-----	-----	-----	1,932	R-55.7	-----	-----	1,954	R-55.6	Harold W. Handley.
Iowa.-----	857	R-59.1	1,230	R-51.9	849	R-51.4	1,204	D-51.2	Herschel C. Loveless.
Kansas.-----	619	R-53.8	872	R-56.3	623	R-53.0	865	D-55.5	George Docking.
Ky. <sup>2</sup> -----	634	D-54.6	-----	-----	778	D-58.0	-----	-----	Albert B. Chandler.
La.-----	-----	-----	124	D-96.0	-----	-----	172	D-100.0	Earl K. Long.
Maine.-----	241	R-60.5	248	R-51.7	249	D-54.5	305	D-59.2	John E. Davis.
Md.-----	646	R-57.3	-----	-----	700	R-54.5	-----	-----	Theodore McKeldin.
Mass.-----	1,910	D-56.3	2,356	R-49.9	1,904	R-51.8	2,340	D-52.8	Foster Furcolo.
Mich.-----	1,879	D-49.8	2,866	D-50.0	2,187	D-55.6	3,050	D-54.7	G. Mennen Williams.
Minn.-----	1,047	R-60.7	1,419	R-55.3	1,151	D-52.7	1,422	D-51.4	Orville L. Freeman.
Miss. <sup>2</sup> -----	43	D-100.0	-----	-----	41	D-100.0	-----	-----	James P. Coleman.
Mo.-----	-----	-----	1,871	D-52.5	-----	-----	1,808	D-52.1	James T. Blair, Jr.
Mont.-----	-----	-----	264	R-51.0	-----	-----	270	R-51.4	J. Hugo Aronson.
Nebr.-----	450	R-54.9	596	R-61.4	415	R-60.3	568	R-54.3	Victor E. Anderson.
Nev.-----	62	R-57.6	-----	-----	78	R-53.1	-----	-----	Charles H. Russell.
N. H.-----	191	R-56.9	266	R-63.1	195	R-55.1	259	R-54.7	Lane Dwinell.
N. J. <sup>3</sup> -----	1,719	R-51.5	-----	-----	1,811	D-53.2	2,018	D-54.6	Robert B. Meyner.
N. Mex.-----	180	R-53.7	240	R-53.8	194	D-57.0	252	R-52.2	Edwin L. Mechem.
N. Y.-----	5,309	R-53.1	-----	-----	5,162	D-49.6	-----	-----	Averell Harriman.
N. C.-----	-----	-----	1,180	D-67.5	-----	-----	1,136	D-67.0	Luther H. Hodges.
N. Dak.-----	184	R-66.3	254	R-78.7	194	R-64.2	252	R-58.5	John E. Davis.
Ohio.-----	2,893	D-52.6	3,605	D-55.9	2,598	D-54.1	3,542	R-56.0	C. William O'Neill.
Okl.-----	644	D-51.1	-----	-----	609	D-58.7	-----	-----	Raymond Gary.
Oreg.-----	506	R-66.1	-----	-----	567	R-66.9	1,731	D-50.5	Robert D. Holmes.
Pa.-----	3,540	R-50.7	-----	-----	3,720	D-53.7	-----	-----	George M. Leader.
R. I.-----	297	D-59.3	410	D-52.6	329	D-57.7	384	D-50.1	Dennis J. Roberts.
S. C.-----	51	D-100.0	-----	-----	214	D-100.0	-----	-----	George B. Timmerman, Jr.
S. Dak.-----	253	R-60.9	290	R-70.2	236	R-56.7	292	R-54.4	Joe J. Foss.
Tenn. <sup>4</sup> -----	236	D-78.1	807	D-79.4	323	D-87.2	-----	-----	Frank G. Clement.
Texas.-----	395	D-89.9	1,881	D-98.1	637	D-89.4	1,828	D-78.4	Price Daniel.
Utah.-----	-----	-----	328	R-55.1	-----	-----	333	R-38.2	George D. Clyde.
Vt.-----	87	R-74.5	151	R-51.9	114	R-52.3	154	R-57.5	Joseph B. Johnson.
Va. <sup>3</sup> -----	262	D-70.4	-----	-----	414	D-54.8	518	D-63.2	J. Lindsay Almond.
Wash.-----	-----	-----	1,078	R-52.6	-----	-----	1,129	D-54.6	Albert D. Rosellini.
W. Va.-----	-----	-----	883	D-51.5	-----	-----	818	R-53.9	Cecil H. Underwood.
Wis.-----	1,138	R-53.2	1,615	R-62.4	1,159	R-51.5	1,558	R-51.9	Vernon W. Thomson.
Wyo.-----	97	R-56.1	-----	-----	111	R-50.5	-----	-----	Milward L. Simpson.

<sup>1</sup> Election held to fill vacancy.<sup>2</sup> Voting years, 1951 and 1955.<sup>3</sup> Voting years, 1949, 1953, and 1957.<sup>4</sup> Term of office increased from 2 to 4 years effective with 1954 election.Source: Governmental Affairs Institute, Washington, D. C.; *America Votes*, and records.

# No. 450.—COMPOSITION OF STATE LEGISLATURES, BY POLITICAL PARTY AFFILIATIONS: 1954 AND 1956

[Dates shown refer to year legislators were elected. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators. In some States, legislature membership was increased in 1956]

STATE	LOWER HOUSE				UPPER HOUSE			
	1954 <sup>1</sup>		1956 <sup>2</sup>		1954 <sup>3</sup>		1956	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
Alabama.....	106				35			
Arizona.....	60	20	57	23	26	2	26	2
Arkansas <sup>4</sup> .....	97	2	97	2	35		35	
California <sup>4</sup> .....	33	47	38	42	18	22	20	20
Colorado <sup>4</sup> .....	29	36	38	27	15	20	21	14
Connecticut.....	92	184	30	249	20	16	5	31
Delaware <sup>4</sup> .....	27	8	19	16	12	5	13	4
Florida.....	89	6	89	6	37	1	37	1
Georgia.....	202	3	202	3	53	1	53	1
Idaho.....	23	36	27	32	20	24	25	19
Illinois <sup>4</sup> .....	74	79	83	94	19	32	20	38
Indiana <sup>4</sup> .....	37	63	24	76	14	36	17	33
Iowa <sup>4</sup> .....	19	89	36	72	6	44	10	40
Kansas.....	36	89	42	83	5 5	35 8	8	32
Kentucky <sup>6</sup> .....	77	23	75	25	30	8	29	9
Louisiana.....			101				39	
Maine.....	34	117	50	101	6	27	8	25
Maryland.....	95	25			21	8		
Massachusetts.....	127	113	132	108	19	21	18	22
Michigan.....	51	55	49	61	11	23	11	23
Minnesota <sup>7</sup> .....								
Mississippi.....			140 <sup>8</sup>				49 <sup>8</sup>	
Missouri <sup>4</sup> .....	97	60	93	64	19	15	21	13
Montana <sup>4</sup> .....	49	45	59	35	23	33	31	25
Nebraska <sup>9</sup> .....								
Nevada <sup>4</sup> .....	30	17	31	16	4	13	5	12
New Hampshire.....	135	264	118	276	6	18	6	18
New Jersey <sup>4</sup> .....			42	18			8	13
New Mexico.....	52	3	43	23	23 <sup>5</sup>	9 <sup>5</sup>	24	8
New York.....	60	90	54	96	23	35	21	37
North Carolina.....	110	10	107	13	49	1	47	3
North Dakota <sup>4</sup> .....	2	111	19	94	3	46	7	42
Ohio.....	47	89	42	97	12	21	12	22
Oklahoma <sup>4</sup> .....	102	19	101	20	39	5	40	4
Oregon <sup>4</sup> .....	25	35	36	24	6	24	15	15
Pennsylvania <sup>4</sup> .....	113	97	84	126	23	27	23	27
Rhode Island.....	67	33	63	37	22	22	19	26
South Carolina <sup>4</sup> .....	124		124		46		46	
South Dakota.....	18	57	27	48	6	29	17	18
Tennessee.....	80	19	78	21	28	5	27	6
Texas <sup>4</sup> .....	150		150		31		31	
Utah <sup>4</sup> .....	27	33	24	39	7	16	10	15
Vermont.....	24	220	33	211	7	22	8	22
Virginia <sup>4</sup> .....			94	6			37	3
Washington <sup>4</sup> .....	50	49	56	43	22	24	31	15
West Virginia <sup>4</sup> .....	76	24	58	42	23	9	21	11
Wisconsin <sup>4</sup> .....	37	63	33	67	8	25	10	23
Wyoming <sup>4</sup> .....	24	32	26	30	8	19	11	16

<sup>1</sup> Data exclude 1 Independent each for Arkansas and Michigan, 2 Independents for Vermont, and 3 Independents for Connecticut.

<sup>2</sup> Data exclude 1 Independent each for Arkansas and Utah, 2 Independents for Vermont, and 3 Independents for New Hampshire (and 3 towns which sent no member).

<sup>3</sup> Data exclude 1 Independent for Vermont.

<sup>4</sup> Upper House members serve 4-year terms, some elected every 2 years (1952, 1954, and 1956).

<sup>5</sup> Elected in 1952.

<sup>6</sup> Lower House members serve 2-year terms, elected in 1955 and 1957. Upper House members serve 4-year terms, some elected every 2 years (1953, 1955, and 1957).

<sup>7</sup> 131 Representatives (2-year terms, elected in 1954 and 1956) and 67 Senators (4-year terms, elected in 1954) serving on nonpartisan basis.

<sup>8</sup> Lower House elected in 1957; Upper House in 1955.

<sup>9</sup> Single chamber (unicameral body) of 43 members serving on nonpartisan basis (2-year terms, elected in 1954 and 1956).

Source: Governmental Affairs Institute, Washington, D. C., *America Votes*, and records.



### No. 451.—CAMPAIGN EXPENDITURES FOR CONGRESSIONAL AND PRESIDENTIAL ELECTIONS: 1950 TO 1956

[Figures are based on reports filed with the Secretary of the Senate and the Clerk of the House. Excludes reports filed with State authorities. Also excludes primary campaigns expenditures which need not be reported under Federal law]

PARTY OR GROUP	CONGRESSIONAL				Presidential	
	1950	1952	1954 <sup>1</sup>	1956	1952	1956
<b>Total.....</b>	<b>\$10,901,463</b>	<b>\$5,584,688</b>	<b>\$13,654,237</b>	<b>\$6,169,617</b>	<b>\$17,479,687</b>	<b>\$27,016,108</b>
Major parties.....	8,890,215	5,216,518	11,050,003	6,144,629	14,758,321	25,518,548
Republican.....	4,698,955	4,074,890	7,251,590	3,287,651	9,740,100	17,397,730
Democratic.....	4,191,260	1,141,628	3,798,413	2,856,978	5,018,215	8,120,812
Labor groups.....	1,618,623	352,117	2,057,613	( <sup>2</sup> )	1,718,243	<sup>2</sup> 941,271
Miscellaneous groups.....	392,625	16,053	546,621	( <sup>2</sup> )	1,003,123	<sup>2</sup> 581,277

<sup>1</sup> For complete detailed information on campaign spending, see *Congressional Quarterly Almanac*, 1957.

<sup>2</sup> Included with Presidential; not available separately.

Source: Congressional Quarterly News Features, Washington, D. C. (Material copyrighted; written permission required for reproduction rights.)

### No. 452.—ELECTION CAMPAIGN RECEIPTS AND DIRECT EXPENDITURES, BY TYPE OF COMMITTEE: 1956

[This information has been compiled from reports filed with the Senate Subcommittee on Privileges and Elections and with the Clerk of the House of Representatives. Comprises receipts and direct expenditures during the entire year of all national and statewide campaign committees of which the subcommittee had knowledge. Receipts include funds received by transfer from other organizations; expenditures exclude funds transferred to other groups. See source for procedures followed and limitations of the data]

RECEIPTS AND EXPENDITURES	Total	Republican committees	Democratic committees	Labor committees	Miscellaneous
<b>Total receipts.....</b>	<b>\$48,577,049</b>	<b>\$32,430,587</b>	<b>\$12,891,141</b>	<b>\$2,578,181</b>	<b>\$677,140</b>
National.....	16,534,529	9,155,472	4,790,606	1,912,990	675,371
Jan. 1 to Dec. 31, congressional.....	3,121,302	2,870,987	250,315	—	—
Jan. 1 to Aug. 31, other national.....	5,479,943	3,162,932	976,202	957,225	383,584
Sept. 1 to Nov. 30, other national.....	7,933,284	3,121,553	3,564,179	955,765	291,787
State.....	19,341,791	14,905,881	4,046,830	388,653	527
Local.....	9,320,846	6,449,056	2,593,910	276,638	1,242
Senatorial.....	2,359,799	1,033,484	1,326,315	—	—
Special cases.....	1,020,084	886,694	133,390	—	—
<b>Total expenditures.....</b>	<b>33,185,725</b>	<b>20,685,387</b>	<b>10,977,790</b>	<b>941,271</b>	<b>581,277</b>
National.....	12,892,598	7,666,331	4,105,661	540,735	579,871
Jan. 1 to Dec. 31, congressional.....	2,312,426	2,271,135	41,291	—	—
Jan. 1 to Aug. 31, other national.....	3,279,800	2,013,219	813,385	133,385	319,811
Sept. 1 to Nov. 30, other national.....	7,300,372	3,381,977	3,250,985	407,350	260,060
State.....	10,281,366	6,983,727	3,135,292	161,556	791
Local.....	6,509,564	3,854,779	2,415,190	238,980	615
Senatorial.....	2,286,769	1,014,753	1,272,016	—	—
Special cases.....	<sup>2</sup> 1,215,428	<sup>2</sup> 1,165,797	49,631	—	—

Note.—A minority view filed by Senator Carl T. Curtis (Republican, Nebraska) stated: "Had a full tabulation been made \* \* \* the total expenditures for both parties probably would have been nearly equal."

<sup>1</sup> Represents committees supporting senatorial candidates; excludes information reported by candidates themselves.

<sup>2</sup> May include some transfers of funds.

Source: U. S. Congress, Senate Subcommittee on Privileges and Elections; 1956 *General Election Campaigns*, 85th Congress, 1st session (Committee print).

### No. 453.—RECEIPTS AND DISBURSEMENTS OF ELECTION CAMPAIGN COMMITTEES, BY PURPOSE AND SOURCE: 1956

[See headnote, table 452. Data herein present in detail some of the information summarized in table 452. Excludes "Special cases" shown in table 452 and covers only the period September 1 to November 30]

RECEIPTS AND DISBURSEMENTS	Total	REPUBLICAN COMMITTEES			DEMOCRATIC COMMITTEES		Labor committees	Miscellaneous
		Regular <sup>1</sup>	Finance	Volunteer	Regular <sup>1</sup>	Volunteer		
Receipts, total.....	\$38,955,720	\$11,772,485	\$9,891,424	\$3,846,065	\$9,370,157	\$2,161,077	\$1,620,956	\$293,556
Individuals.....	22,570,955	4,944,481	7,762,689	2,325,364	5,140,277	1,287,035	833,647	277,462
Sale of tickets to dinners, etc.....	2,257,566	455,644	438,113	207,089	778,339	343,514	34,867	—
Other organizations.....	12,318,613	5,816,644	1,361,081	1,016,863	2,994,460	471,522	648,658	9,385
Other sources.....	1,804,581	555,746	328,641	296,749	453,047	59,006	103,783	6,709
Unaccounted for <sup>2</sup> .....	4,005	—30	—	—	4,034	—	1	—
Disbursements, total.....	41,139,082	13,112,667	10,104,182	3,658,024	9,739,316	2,032,907	2,162,337	329,649
To other organizations or candidates.....	14,761,011	2,800,374	8,071,711	767,552	1,294,337	404,403	1,354,451	68,183
Direct expenditures, total.....	26,378,071	10,312,293	2,032,471	2,890,472	8,444,979	1,628,504	807,886	261,466
Radio-TV <sup>3</sup> .....	3,924,824	2,668,716	430,347	784,579	2,491,696	360,511	319,928	49,047
Radio.....	1,480,551	568,006	185,212	124,012	452,116	107,863	41,606	1,736
Television.....	5,436,272	2,100,710	245,135	660,567	2,039,580	252,648	89,421	47,311
Newspapers, periodical advertising.....	2,147,209	954,612	124,059	295,273	611,887	83,036	48,074	30,268
Printing, purchase, distribution of literature.....	4,400,214	1,431,556	360,716	394,927	1,526,913	373,163	246,486	66,453
Outdoor billboards.....	613,820	299,912	70,618	23,375	185,809	9,698	24,382	26
Other.....	12,228,838	4,895,922	1,046,731	1,392,318	3,627,093	802,086	349,016	115,672
Unaccounted for <sup>2</sup> .....	63,166	61,575	—	—	1,581	10	—	—

<sup>1</sup> Senatorial campaign committees included under regular in this table.

<sup>2</sup> Difference resulting from failure of some committees to report detailed receipts in full and from errors in reports and computations.

<sup>3</sup> Includes amounts not available separately.

Source: U. S. Congress, Senate Subcommittee on Privileges and Elections; 1956 *General Election Campaigns*. 85th Congress, 1st session (Committee print).

### No. 454.—EXPENDITURES BY ORGANIZATIONS ATTEMPTING TO INFLUENCE NATIONAL LEGISLATION (LOBBIES): 1950 TO 1956

[Represents tabulation of reports made under Federal Regulation of Lobbying Act. Excludes personal reports of individuals representing organizations for which no separate report was filed. Classification of an organization is based on what appears to be the basic nature of the group's membership, determined largely by the organization name, rather than on legislative interest]

TYPE OF ORGANIZATION	1950		1953		1954		1955		1956	
	Number of groups <sup>1</sup>	Expenditures <sup>2</sup>	Number of groups <sup>1</sup>	Expenditures <sup>2</sup>	Number of groups <sup>1</sup>	Expenditures <sup>2</sup>	Number of groups <sup>3</sup>	Expenditures <sup>2</sup>	Number of groups <sup>3</sup>	Expenditures <sup>2</sup>
Total.....	312	\$1,000,10,303	197	\$1,000,4,446	225	\$1,000,4,286	274	\$1,000,4,365	264	\$1,000,3,957
Business.....	141	3,410	102	2,660	132	2,290	157	2,287	150	2,032
Citizens.....	45	1,800	26	345	38	616	48	583	43	396
Employee.....	30	518	23	453	21	656	34	813	30	743
Farm.....	13	1,212	8	211	14	412	11	339	16	345
Foreign policy.....	13	745	6	155	(4)	(4)	(4)	(4)	(4)	(4)
Professional.....	21	1,597	13	239	15	195	17	208	18	293
Reclamation.....	11	389	8	167	(4)	(4)	(4)	(4)	(4)	(4)
Tax.....	31	443	8	99	(4)	(4)	(4)	(4)	(4)	(4)
Veterans, military.....	7	188	3	117	5	118	7	137	7	143

<sup>1</sup> Excludes those reporting no expenditure.

<sup>2</sup> Reported as spent "in connection with legislative interests." Some groups report expenditures for all purposes; others report an allocation of spending for legislative purposes.

<sup>3</sup> Includes those reporting no expenditure.

<sup>4</sup> Reclassified into other groups in table.

Source: Congressional Quarterly News Features, Washington, D. C.; *Congressional Quarterly Almanac*. (Material copyrighted; written permission required for reproduction rights.)

## Section 14

### 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 the essential apparatus of public financing, namely appropriations, taxes, receipts, expenditures, and debt. The personnel data relate to civil staffing and payrolls for the different public functions and agencies, certain employee characteristics, and civil service status.

Principal sources of the fiscal data are *The Budget of the United States Government* published annually by the Bureau of the Budget and the Treasury Department's annual *Combined Statement of Receipts, Expenditures and Balances*, an abstract of the Treasury books relating to all of the receipt and appropriation accounts which report disbursements under the appropriations made by the Congress. The *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields.

The day-to-day cash operations of the Federal Government clearing through the accounts of the Treasurer of the United States are reported in the *Daily Statement of the United States Treasury*. In the issue for the last day of the month the *Statement* contains information as to the public debt receipts and expenditures for the month and the outstanding public debt as of that day.

Receipts and expenditures of the Government classified as to budgetary and non-budgetary transactions and showing the budget surplus or deficit appear in the *Monthly Statement of Receipts and Expenditures of the United States Government*. The monthly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities. Another special aspect of Federal finances is presented in the Treasury Department's monthly *Circulation Statement of United States Money*.

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 geographic area. The agency's annual *Statistics of Income* reports present data from individual and corporate income tax returns. Biennial *Statistics of Income* publications present data from fiduciary income tax, estate tax, and gift tax returns.

Federal employment figures are compiled primarily by the Civil Service Commission. The figures are issued by that agency in its regular *Annual Report* and its *Monthly Report on Employment*. The Commission also publishes an annual report on the pay of Federal employees entitled *Pay Structure of the Federal Civil Service*. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review*.

**Treasury receipts and expenditures.**—All receipts of the Government, with a few exceptions, are deposited to the credit of the Treasurer of the United States, irrespective of their ultimate disposition or availability for expenditure. The Treasury Department currently uses two bases for the reporting of receipts: (1) Latest available reports of deposits in government depositories in the general account of the Treasurer of the United States; and (2) collections as reported by government collecting agencies.

*Note.*—This section presents data for the most recent year or period available on April 17, 1958, when the material was organized and sent to the printer. In some instances more recent data were added later.

Receipts on the first basis are presented in the *Daily Statement of the United States Treasury*, the purpose of which is to report receipts as promptly as possible. Receipts on a collection basis (taxes, customs duties, trust receipts, receipts of certain government corporations and public enterprises) and miscellaneous budget receipts which are on the basis of the latest reports of deposits in government depositaries are presented in the *Monthly Statement of Receipts and Expenditures of the United States Government*. The *Monthly Statement* also includes deposits or collections in cash accounts of Government agencies held outside the Treasury as well as those in the general account of the Treasurer of the United States. The final statement issued after the close of the fiscal year is held open until all reports have been received covering deposits or collections for that year.

Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress. The Treasury Department reports Government expenditures on two bases: (1) Checks paid or withdrawals affecting the account of the Treasurer of the United States; and (2) checks issued and cash payments made by disbursing officers. Transactions of the first type are reported in the *Daily Statement* referred to above; items representing interfund or intragovernmental payments are not included. Expenditures of the second type are presented in the *Monthly Statement*, mentioned above, and in the annual *Combined Statement of Receipts, Expenditures and Balances*, also cited earlier. These monthly and annual reports include payments from cash accounts of Government agencies held outside the Treasury as well as those from the general account of the Treasurer of the United States.

**Treasury budget and nonbudget accounts.**—All receipts of the Government are recorded by the Treasury in accounts classified generally according to the source and according to whether or not the receipts are earmarked in some degree for expenditure. Disbursements of the Government are similarly classified by accounts reflecting various types of authorizations or conditions under which they may be expended.

Budget accounts include: General fund receipts available for financing the general Government operations to the extent appropriations are made by the Congress (sources of general receipts are income, excise, and employment taxes, customs duties, etc.); special fund receipts (earmarked moneys) received subject to special legal authorizations which may be expended only for the particular purpose specified (examples are the Mineral Leasing Act and the National Forest Fund); expenditure (appropriation) accounts which record the amounts authorized by the Congress and expenditures therefrom, for the general support of the Government; revolving and management fund accounts which record funds authorized by specific provisions of law to finance without further action by the Congress a continuing cycle of operations, with receipts derived from such operations, and to facilitate accounting for and administration of intragovernmental operations.

Nonbudget accounts include: Trust accounts which record the receipt and expenditure of moneys held in trust by the Government for the benefit of individuals or classes of individuals, such moneys being expended only in accordance with the terms of a trust agreement or statute (examples are Civil Service Retirement Fund, Old-Age and Survivors Insurance Trust Fund, the Highway Trust Fund, etc.); deposit fund accounts which record receipts either held in suspense temporarily and later refunded or transferred to another Government account, or held by the Government as banker or agent and paid out at the owners' direction (example is account for the accumulation of taxes withheld from employees' salaries). Funds in nonbudget accounts have no effect on the budget surplus or deficit.

**Public and private debt.**—These data appear annually in the May issue of the monthly *Survey of Current Business* of the Department of Commerce. Net public and private debt outstanding is a comprehensive aggregate of indebtedness of borrowers after elimination of certain duplicating governmental and corporate debt. This meas-

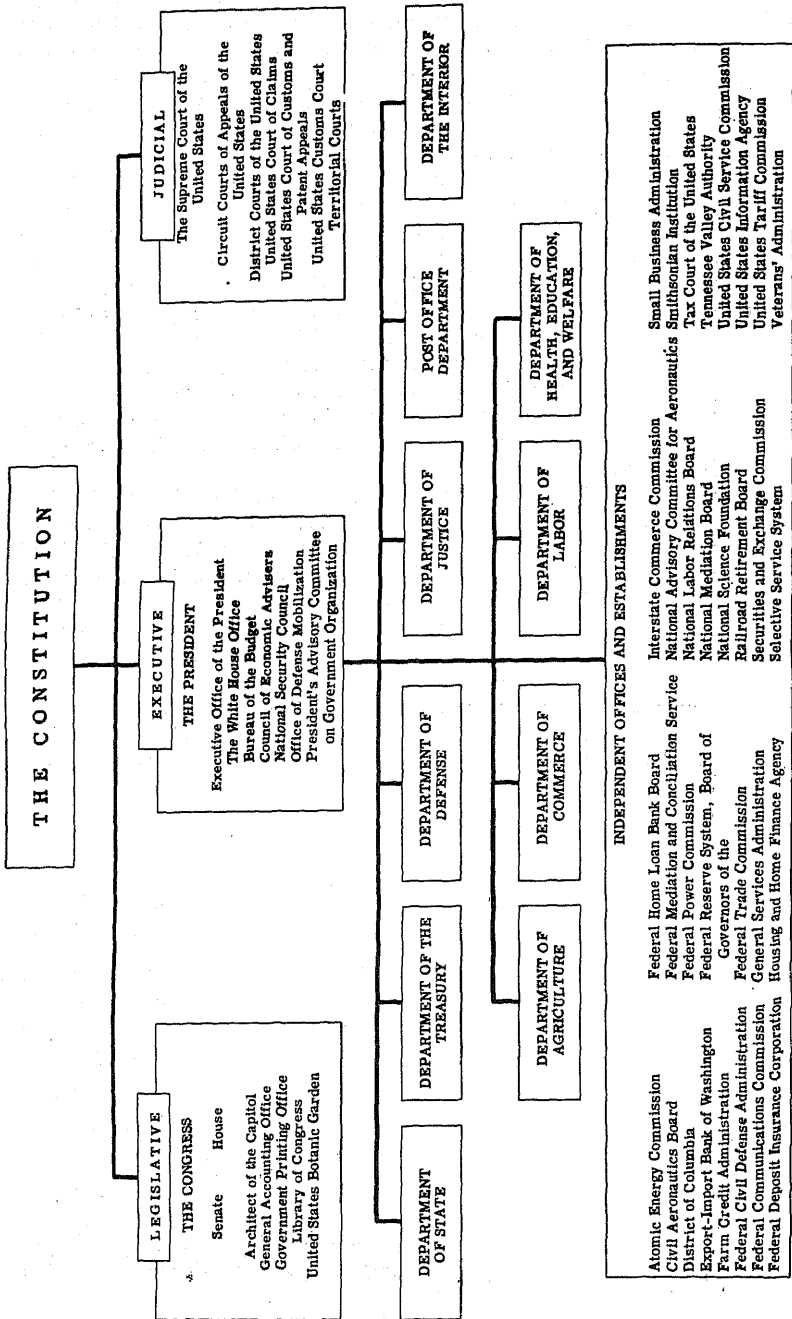
ure of indebtedness provides a more significant indication of trends in debt structure than does gross debt, since effects of nominal changes in financial practices and organization are largely removed. To obtain net figures, gross or total debt is adjusted for specific types of duplications pertaining to the following: (1) Federal Government and its corporations and agencies generally; (2) State and local governments; and (3) within the corporate area, those affiliated but legally distinct corporations which operate under a single management. In the noncorporate private area, data are gross throughout with no adjustments for duplications.

**Employment and payrolls.**—Employment data are collected from all departments and agencies of the Federal Government by the Civil Service Commission. The Commission does not collect personnel statistics from the District of Columbia Government. 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. Intermittent workers are counted if they performed any service during the report month. Employment totals exclude persons serving without compensation, persons on leave without pay for scheduled periods longer than 30 days, persons in leave status after reduction-in-force, and persons hired informally "on the spot" without formal appointment procedures to cope with fire, flood, or other extreme emergencies.

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. Monthly payroll totals fluctuate in amount because the number of work days in each month varies from 20 to 23 days. Holidays may be disregarded since Federal employees are paid for the eight national holidays on which they do not work.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series P 89-98") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

FIG. XXII.—THE GOVERNMENT OF THE UNITED STATES  
[As of June 30, 1957. Only the more important agencies are shown]



Source: General Services Administration, National Archives and Records Service.

FIG. XXIII.—RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT: 1950 TO 1957

[See tables 455 and 456]

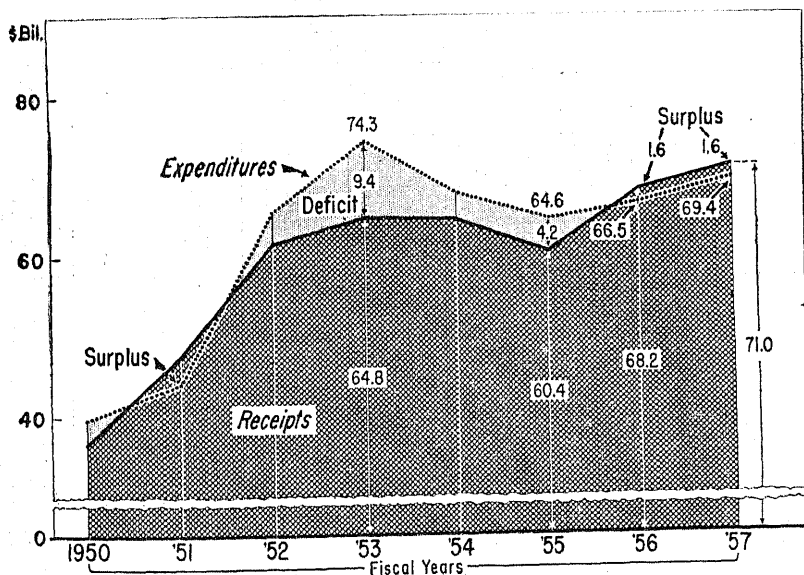
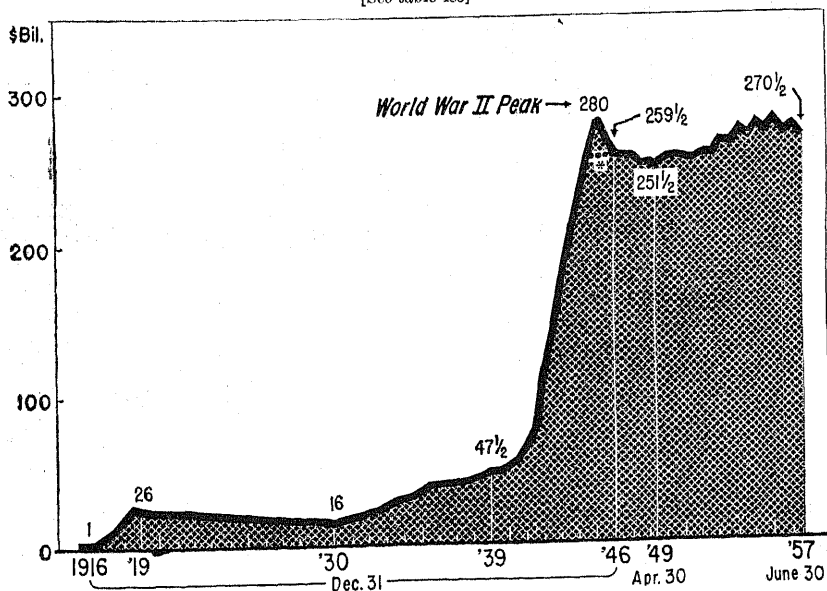


FIG. XXIV.—GROSS PUBLIC DEBT OF THE UNITED STATES: 1916 TO 1957

[See table 483]



\*Excluding Victory Loan proceeds used to repay debt in 1946.

Source of figs. XXIII and XXIV: Treasury Department.

### No. 455.—RECEIPTS AND SURPLUS OR DEFICIT OF THE FEDERAL GOVERNMENT: 1931 to 1957

[In thousands of dollars. For years ending June 30. On basis of daily Treasury statements through 1952; beginning 1953, on basis of *Monthly Statement of Receipts and Expenditures of the U. S. Government*. Excludes trust accounts. See also *Historical Statistics, 1789-1945*, series P 89-98]

YEARLY AVERAGE OR YEAR	RECEIPTS							Surplus (+) or deficit (-), re- ceipts com- pared with expendi- tures
	Net <sup>1</sup>	Total	Customs <sup>2</sup>	Internal revenue		Sales of public lands <sup>3</sup>	Other receipts	
				Income and profits taxes	Other			
1931-1935.....	2,770,973	2,838,216	322,729	1,116,203	1,186,498	138	212,648	-2,443,900
1936-1940.....	4,960,614	5,442,480	379,957	2,108,871	2,740,862	121	212,669	-3,231,753
1940.....	5,144,013	5,893,368	348,591	2,125,325	3,177,809	117	241,526	-3,918,019
1941.....	7,102,931	7,995,612	391,870	3,469,638	3,892,037	178	241,888	-6,159,272
1942.....	12,555,436	13,676,680	388,948	7,960,465	5,032,653	90	294,525	-21,490,243
1943.....	21,986,701	23,402,322	324,291	16,093,669	6,050,800	129	933,933	-51,420,430
1944.....	43,635,815	45,441,049	431,252	34,684,852	7,030,135	99	3,324,711	-51,423,393
1945.....	44,475,304	47,750,306	354,776	35,173,051	8,728,951	184	3,493,345	-59,940,916
1946.....	59,771,404	64,228,135	455,475	30,884,796	9,425,537	127	3,492,200	-20,676,171
1947.....	59,786,181	64,508,189	494,078	29,305,568	10,079,840	143	4,634,559	-7,553,788
1948.....	41,488,179	46,098,807	421,723	31,170,968	10,682,517	214	3,823,385	+8,419,470
1949.....	37,695,549	42,773,506	384,485	29,482,284	10,825,001	(4)	2,081,736	-1,811,440
1950.....	36,494,901	41,310,628	422,650	28,262,671	11,185,936	(4)	1,439,370	-3,122,102
1951.....	47,567,613	53,368,672	624,008	37,752,554	13,353,541	(4)	1,638,559	+3,509,783
1952.....	61,390,945	67,990,370	550,696	51,346,526	14,288,369	(4)	1,813,779	+4,016,640
1953.....	64,825,044	72,649,135	613,420	54,362,968	15,808,006	(4)	1,864,741	-9,449,213
1954.....	64,655,387	73,172,936	562,021	53,905,571	16,394,081	(4)	2,311,264	-3,116,966
1955.....	60,389,743	69,454,196	606,397	49,914,826	16,373,866	(4)	2,559,107	+4,180,229
1956.....	68,165,930	78,820,426	704,898	56,632,598	18,476,485	(4)	3,006,445	-1,625,553
1957.....	71,028,650	83,675,321	754,461	60,560,425	19,611,646	(4)	2,748,889	-1,595,572

<sup>1</sup> Total receipts less refunds of receipts, and less transfers of tax receipts to Federal old-age and survivors insurance trust fund beginning 1937 and to railroad retirement account beginning 1938.

<sup>2</sup> Tonnage tax is included in Other receipts, except for 1931.

<sup>3</sup> On basis of deposits received. <sup>4</sup> Sales of public lands included in Other receipts.

### No. 456.—EXPENDITURES AND GROSS DEBT OF THE FEDERAL GOVERNMENT: 1931 to 1957

[For years ending June 30. See headnote, table 455. See also *Historical Statistics, 1789-1945*, series P 99-107 and P 132-133]

YEARLY AVERAGE OR YEAR	EXPENDITURES (\$1,000) <sup>1</sup>							GROSS DEBT <sup>2</sup>	
	Total	Department of the Army <sup>3</sup>	Department of the Navy	Department of the Air Force	Veterans' pensions <sup>4</sup>	Interest on the public debt	All other <sup>5</sup>	Amount (millions of dollars)	Per capita (dollars)
1931-1935.....	5,214,874	458,780	358,770	-----	279,008	695,549	3,422,814	28,701	225.55
1936-1940.....	8,192,367	698,674	649,179	-----	408,758	904,707	5,531,049	42,968	325.23
1940.....	9,062,032	907,160	891,485	-----	429,178	1,040,936	5,793,274	42,968	325.23
1941.....	13,262,204	3,938,943	2,313,058	-----	433,148	1,110,693	5,466,362	48,961	367.09
1942.....	34,045,679	14,325,508	8,579,589	-----	431,294	1,260,085	9,449,202	72,422	537.13
1943.....	79,407,131	42,525,653	20,888,349	-----	442,394	1,808,160	13,742,665	136,696	999.93
1944.....	95,058,708	49,438,330	26,537,634	-----	494,959	2,608,980	15,978,805	201,003	1,452.44
1945.....	98,416,220	50,490,102	30,047,152	-----	772,190	3,616,686	13,490,090	258,682	1,848.60
1946.....	60,447,574	27,986,709	15,164,412	-----	1,261,415	4,721,958	11,313,020	269,422	1,905.42
1947.....	39,032,393	9,172,139	5,957,203	-----	1,929,226	4,957,922	17,375,903	258,286	1,792.05
1948 <sup>6</sup> .....	33,068,709	7,698,556	4,284,619	-----	2,080,130	5,211,102	13,794,302	252,292	1,720.71
1949 <sup>6</sup> .....	39,506,989	7,862,397	4,434,706	1,690,461	(7)	5,339,396	20,180,029	252,770	1,694.75
1950.....	39,617,003	5,789,468	4,129,646	3,520,633	(7)	5,749,913	20,427,444	257,357	1,696.68
1951.....	44,057,831	8,635,939	5,862,649	6,358,804	(7)	5,612,555	17,588,085	255,222	1,653.42
1952.....	65,407,585	17,452,710	10,231,265	12,851,610	(7)	5,859,263	19,012,727	259,105	1,650.06
1953.....	74,274,557	17,054,333	11,874,830	15,085,228	(7)	6,503,580	23,756,280	266,071	1,666.74
1954.....	67,772,353	13,515,888	11,292,804	15,668,473	(7)	6,382,486	20,913,202	271,260	1,670.14
1955.....	64,569,973	9,450,383	9,731,611	16,405,038	(7)	6,370,362	22,612,579	274,374	1,660.16
1956.....	66,539,776	9,274,301	9,743,715	16,749,648	(7)	6,786,599	23,985,513	272,761	1,621.84
1957.....	69,433,078	9,704,788	10,897,224	18,360,926	(7)	7,244,193	23,725,947	270,527	1,579.01

<sup>1</sup> Excludes debt retirements, refunds of receipts and capital transfers, and beginning 1951, investments of wholly owned Government corporations in public debt securities.

<sup>2</sup> Includes all expenditures (including rivers and harbors and Panama Canal), and Air Force prior to 1949, irrespective of original source of funds.

<sup>3</sup> On basis of checks issued. Represents expenditures under appropriation "Army and Navy pensions," administered by Veterans Administration.

<sup>4</sup> Includes expenditures of Office of Secy. of Defense, expenditures for "Govt. corporations (wholly owned), etc. (net)" beginning 1932; expenditures for veterans pensions beginning 1949, and expenditures of Dept. of Defense not segregated as to respective departments beginning 1952.

<sup>5</sup> Represents gross debt as of end of each period; e. g., 1935, 1940, etc.

<sup>6</sup> For comparability with earlier years, all transactions relating to Foreign Economic Cooperation Trust Fund (amounting to \$3,000,000,000) have been consolidated with budget expenditures. <sup>7</sup> Included in All other.

Source of tables 455 and 456: Treasury Department, *Annual Report of the Secretary*; annual and current data published in *Monthly Statement of Receipts and Expenditures of the United States Government*.



# No. 457.—FEDERAL GOVERNMENT EXPENDITURES, BY ORGANIZATION UNIT: 1951 TO 1958

[In millions of dollars. For years ending June 30. Expenditures reported on a checks-issued basis; prior to 1953, adjusted to the *Daily Treasury Statement* basis, which was partly checks issued and partly checks paid. "Budget" receipts, expenditures, and authorizations, as used in this and following tables, are mainly those of general and special accounts. Excluded from both receipts and expenditures are refunds of receipts and transfers from the general fund to trust funds. Budget expenditures also include net transactions (expenditures minus receipts) of wholly owned Government corporations and enterprises; omitted from both expenditures and receipts are transfers of capital between wholly owned Government corporations and the United States Treasury, and debt transactions of Government enterprises (expenditures from public debt authorizations are included). Figures in early years have not been revised to reflect recent changes in organizational structure]

DESCRIPTION OR ORGANIZATION UNIT	1951	1952	1953	1954	1955	1956	1957	1958
<b>Total budget expenditures</b> .....	44,058	65,408	74,274	67,772	64,570	66,540	69,433	72,788
Legislative branch.....	61	62	61	59	65	85	97	110
The Judiciary.....	25	27	27	28	30	37	39	44
Executive Office of the President.....	9	9	9	9	9	10	10	12
Funds appropriated to the President.....	4,158	4,983	5,783	5,282	4,381	4,473	4,110	4,154
<b>Independent offices:</b>								
Atomic Energy Commission.....	897	1,370	1,701	1,895	1,857	1,651	1,990	2,300
Civil Service Commission.....	324	332	346	50	47	253	545	22
Export-Import Bank of Washington.....	76	29	117	99	101	190	1,100	393
Farm Credit Administration.....			183	176	56	43	128	15
Federal Civil Defense Administration.....	(2)	33	50	59	42	56	63	67
General Accounting Office.....	32	32	32	31	31	33	33	35
Nat'l Advisory Comm. for Aeronautics.....	62	67	79	90	74	71	76	94
Philippine War Damage Commission.....	87	(2)	(9)					
Railroad Retirement Board.....	39	43	33	35	(2)			
Reconstruction Finance Corporation.....	193	1,220	198	1,378				
Small Business Administration.....				7	22	54	74	92
Tennessee Valley Authority.....	72	185	184	238	172	19	17	41
United States Information Agency.....				71	84	86	108	100
Veterans Administration.....	5,389	4,923	4,334	4,249	4,405	4,731	4,805	5,124
Other independent offices.....	97	197	170	103	77	103	152	181
<b>General Services Administration:</b>								
Housing and Home Finance Agency.....	840	1,070	1,107	806	973	523	558	447
Department of Agriculture.....	461	585	384	1,615	153	39	123	207
Department of Commerce.....	834	1,242	3,217	2,915	4,636	5,177	5,006	5,327
Department of Defense—Military functions:	803	979	1,063	1,000	1,077	1,293	562	652
Office of the Secretary of Defense.....	362	392	15	12	13	14	14	21
Interservice activities.....			394	452	481	582	602	716
Department of the Army.....	7,477	15,706	16,242	12,910	8,899	8,702	9,063	9,043
Department of the Navy.....	5,583	10,161	11,875	11,298	9,733	9,745	10,398	10,640
Department of the Air Force.....	6,349	12,708	15,085	15,668	16,407	16,749	18,363	18,441
Department of Defense—Civil functions.....	3994	3710	813	605	548	573	639	602
Department of Health, Education, and Welfare.....	1,571	1,671	1,920	1,981	1,993	2,071	2,295	2,745
Department of the Interior.....	587	585	587	585	515	512	572	647
Department of Justice.....	151	195	171	183	182	216	214	223
Department of Labor.....	233	253	300	355	304	412	418	463
Post Office Department (general fund).....	626	740	659	312	350	463	518	686
Department of State.....	281	258	271	156	137	142	179	228
<b>Treasury Department:</b>								
Interest on public debt.....	5,615	5,853	6,504	6,382	6,438	6,787	7,244	7,800
Other.....	748	774	821	957	362	932	817	841
District of Columbia (United States share).....	11	11	12	13	22	22	26	30
Allowance for contingencies.....								200
Adjustment to daily Treasury statement basis.....	-705	-855						
<b>Total trust account expenditures:</b>	4,354	5,317	5,288	7,204	8,546	9,434	12,961	15,196
Unemployment trust fund: Withdrawals by States and other expenditures.....	898	1,057	1,004	1,745	1,965	1,393	1,644	1,678
Fed. old-age and survivors insurance trust fund: Benefit payments and administrative expenses.....	1,568	2,067	2,748	3,405	4,487	5,551	6,723	8,112
Railroad retirement account: Benefit payments and other expenditures.....	321	391	465	502	585	611	682	717
Veterans' life insurance funds: Insurance losses and refunds.....	691	1,088	660	769	622	599	601	647
Federal employees' retirement funds: Annuities and refunds.....	270	300	363	411	430	507	590	712
Federal disability insurance trust fund.....							1	187
Federal National Mortgage Association: Secondary market operations.....					184	112	971	580
Highway trust fund.....							966	1,870
Other trust accounts: Misc. trust expenditures.....	257	492	424	495	483	423	565	732
Deposit funds.....	1,541	166	1,471	1,123	57	239	217	159
Adjustment to daily Treasury statement basis.....	+190	-244	+95					

<sup>1</sup> Deduct.    <sup>2</sup> Less than \$500,000.

<sup>3</sup> Represents civil functions of Dept. of the Army; not entirely comparable with later years.

<sup>4</sup> Includes transactions of mixed-ownership corporations, shown separately in the *Daily Treasury Statement*.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

### No. 458.—RECEIPTS FROM AND PAYMENTS TO THE PUBLIC BY THE FEDERAL GOVERNMENT: 1930 TO 1959

[In billions of dollars. For years ending June 30. Receipts from and payments to public exclude intragovernmental financial transactions but include operations of trust (including deposit) accounts and Government-sponsored enterprises as reflected on the books of the Treasurer of the United States as well as budget accounts of Federal Government. Net cash borrowing or repayment of borrowing from the public excludes borrowing by Treasury from Federal trust accounts and Government-sponsored enterprises, and also excludes certain types of public debt transactions like issuance and redemption of Armed Forces leave bonds. The public is defined to comprise individuals; banks (including Federal Reserve and Postal Savings System); private corporations; businesses; State, local, and foreign governments; and international organizations. For additional explanation, see 1959 Budget, pp. 879-882 and headnote to table 457]

YEAR	Receipts from the public <sup>1</sup>	Payments to the public	Excess of receipts from (+) or payments to (-) the public	Receipts from exercise of monetary authority <sup>2</sup>	Decrease (+) or increase (-) in Government cash balances <sup>3</sup>	Decrease (+) or increase (-) in Exchange Stabilization Fund balance	Net cash borrowing(-) or repayment of borrowing (+) from the public
	(1)	(2)	(3) = (1) - (2)	(4)	(5)	(6)	(7) = (3) + (4) + (5) + (6)
1930.....	4.0	3.1	+ .9	( <sup>4</sup> )	( <sup>4</sup> )	-----	+ .9
1935.....	3.8	6.3	-2.4	0.2	+ .7	-----	-1.5
1940.....	6.9	9.6	-2.7	.1	+ .9	-----	-1.7
1945.....	50.2	95.2	-45.0	.1	-4.5	-----	-49.5
1946.....	43.5	61.7	-18.2	.3	+10.5	-----	-7.4
1947.....	43.5	36.1	+6.6	.1	+10.9	+1.8	+19.4
1948.....	45.4	39.5	+5.9	( <sup>4</sup> )	-1.6	-----	+7.3
1949.....	41.6	40.0	+1.6	( <sup>4</sup> )	+1.5	-----	+2.5
1950.....	40.9	43.1	-2.2	( <sup>4</sup> )	-2.0	-----	-4.2
1951.....	53.4	45.8	+7.6	( <sup>4</sup> )	-1.8	-----	+5.8
1952.....	68.0	68.0	( <sup>4</sup> )	.1	+ .4	-----	+ .5
1953.....	71.5	76.8	-5.3	.1	+2.3	-----	-2.9
1954.....	71.6	71.9	-.2	.1	-2.4	-----	-2.5
1955.....	67.8	70.5	-2.7	( <sup>4</sup> )	+ .9	-----	-1.8
1956.....	77.1	72.6	+4.5	( <sup>4</sup> )	-.1	-----	+4.4
1957.....	82.1	80.0	+2.1	( <sup>4</sup> )	+1.0	-----	+3.1
1958 estimate.....	85.1	84.9	+.2	.1	-.4	-----	-.2
1959 estimate.....	87.3	86.7	+ .6	.1	-----	-----	+ .7

<sup>1</sup> Receipts are net of refunds.

<sup>2</sup> Consists of the increment resulting from reduction in weight of the gold dollar and the seigniorage on silver.

<sup>3</sup> Consists of change in Treasurer's balance through 1953. For years after 1953, also includes change in cash balances held outside the Treasury. Coverage of accounts outside the Treasury is not necessarily complete in 1954 and 1955 as accounting and reporting systems were in process of revision.

<sup>4</sup> Less than \$50 million.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*, Special Analysis A, and records.

### No. 459.—BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT—PERCENT DISTRIBUTION, BY MAJOR FUNCTION: 1951 TO 1958

[For years ending June 30. For explanation of terms, see headnote, table 457. Based on figures shown in table 460]

MAJOR FUNCTION	1951	1952	1953	1954	1955	1956	1957	1958 estimate
<b>Budget receipts.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual income taxes.....	45.5	45.5	46.4	45.7	47.6	47.2	50.1	51.4
Corporation income taxes.....	29.6	34.6	32.8	32.6	29.6	30.6	29.8	28.2
Excise taxes.....	18.2	14.4	15.2	15.4	15.1	14.6	12.8	12.3
Customs, employment taxes, and other receipts.....	6.7	5.5	5.6	6.3	7.7	7.6	7.3	8.1
<b>Budget expenditures<sup>1</sup>.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Major national security.....	50.9	70.2	69.8	70.6	65.2	62.8	63.9	61.6
International affairs and finance.....	8.5	1.3	1.0	1.1	1.1	1.0	1.2	2.0
Veterans' services and benefits.....	12.1	7.4	5.8	6.3	6.9	7.1	6.9	6.9
Labor and welfare.....	4.7	3.3	3.3	3.7	3.9	4.2	4.3	4.7
Agriculture and agricultural resources.....	1.5	1.6	3.9	3.8	6.8	7.4	6.6	6.8
Natural resources.....	2.9	2.1	2.0	1.9	1.9	1.7	1.9	2.0
Commerce and housing.....	5.0	4.0	3.4	1.2	2.3	3.0	2.1	3.0
General government.....	3.0	2.3	2.0	1.8	1.9	2.5	2.6	1.9
Interest.....	13.0	9.1	8.8	9.6	10.0	10.3	10.5	10.8
Reserve for contingencies.....								
Adjustment to daily Treasury statement.....	-1.6	-1.3						0.3

<sup>1</sup> See footnote 2, table 460.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*, Special Analysis K.

No. 460.—BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT,  
BY FUNCTION: 1951 TO 1958

[In millions of dollars. For years ending June 30. For explanation of terms, see headnote, table 457]

SOURCE AND FUNCTION	1951	1952	1953	1954	1955	1956	1957	1958 estimate
Budget surplus (+) or deficit (—)	+3,510	—4,017	—9,449	—3,117	—4,180	+1,625	+1,596	—388
<b>Budget receipts</b>	<b>47,568</b>	<b>61,391</b>	<b>64,825</b>	<b>64,655</b>	<b>60,390</b>	<b>68,165</b>	<b>71,029</b>	<b>72,400</b>
Individual income taxes	21,643	27,913	30,108	29,542	28,747	32,188	35,620	37,200
Corporation income taxes	14,106	21,225	21,238	21,101	17,861	20,880	21,167	20,398
Excise taxes	8,648	8,851	9,868	9,945	9,131	9,929	9,055	8,898
Employment taxes	234	256	274	283	579	322	328	330
Estate and gift taxes	708	818	881	934	924	1,161	1,865	1,486
Customs	609	533	596	542	585	682	735	765
Miscellaneous receipts <sup>1</sup>	1,620	1,794	1,859	2,309	2,562	3,004	2,760	3,327
<b>Budget expenditures<sup>2</sup></b>	<b>44,058</b>	<b>65,408</b>	<b>74,274</b>	<b>67,772</b>	<b>64,570</b>	<b>66,540</b>	<b>69,433</b>	<b>72,788</b>
<b>Major national security</b>	<b>22,444</b>	<b>45,963</b>	<b>51,830</b>	<b>47,872</b>	<b>42,089</b>	<b>41,825</b>	<b>44,414</b>	<b>44,871</b>
Direction and coordination of defense	12	13	15	12	13	14	14	21
Air Force defense	<sup>3</sup> 6,349	<sup>3</sup> 12,709	15,085	15,068	16,407	16,749	18,363	18,441
Army defense	<sup>3</sup> 7,469	<sup>3</sup> 15,635	16,242	12,910	8,899	8,702	9,063	9,043
Naval defense	5,582	10,162	11,875	11,293	9,733	9,744	10,398	10,640
Other central defense activities	353	379	394	452	481	582	602	716
Development and control of atomic energy	897	1,670	1,791	1,895	1,857	1,651	1,990	2,300
Stockpiling and defense production expansion	793	966	1,008	1,045	944	588	490	565
Mutual defense assistance:								
Military assistance	991	2,442	3,954	3,629	2,292	2,611	2,352	2,200
Defense support		1,987	1,467	967	1,463	1,184	1,143	945
<b>International affairs and finance</b>	<b>3,736</b>	<b>539</b>	<b>749</b>	<b>765</b>	<b>719</b>	<b>662</b>	<b>832</b>	<b>1,468</b>
Conduct of foreign affairs	190	142	150	130	121	120	157	193
Economic and technical development	3,506	508	493	543	498	431	542	1,133
Information and exchange activities	40	99	106	91	100	111	133	141
<b>Veterans' services and benefits</b>	<b>5,342</b>	<b>4,863</b>	<b>4,298</b>	<b>4,256</b>	<b>4,457</b>	<b>4,756</b>	<b>4,793</b>	<b>5,034</b>
Education and training	1,943	1,326	659	546	664	767	774	729
Other readjustment benefits	163	122	138	158	150	123	126	136
Compensation and pensions	2,171	2,178	2,420	2,482	2,681	2,798	2,870	3,107
Insurance and servicemen's indemnities	50	216	102	100	57	105	47	44
Hospitals and medical care	745	784	757	782	727	788	801	846
Other services and administration	270	238	223	188	178	176	175	171
<b>Labor and welfare</b>	<b>2,065</b>	<b>2,168</b>	<b>2,426</b>	<b>2,485</b>	<b>2,552</b>	<b>2,776</b>	<b>2,966</b>	<b>3,443</b>
Labor and manpower	254	275	281	277	328	475	400	411
Public assistance	1,187	1,180	1,332	1,439	1,428	1,467	1,558	1,822
Promotion of public health	306	330	318	290	275	361	469	581
Promotion of education	91	175	290	273	324	279	290	353
Promotion of science, research, libraries, and museums	58	39	34	33	53	56	71	80
Correctional and penal institutions	26	21	27	26	28	31	32	34
Other welfare services and administration	142	148	144	147	115	126	147	162
<b>Agriculture and agricultural resources</b>	<b>650</b>	<b>1,045</b>	<b>2,936</b>	<b>2,557</b>	<b>4,411</b>	<b>4,913</b>	<b>4,582</b>	<b>4,924</b>
Stabilization of farm prices and farm income	<sup>4</sup> 461	46	2,125	1,089	3,508	3,946	3,511	3,628
Financing farm ownership and operation	339	272	109	256	236	231	227	256
Financing rural electrification and rural telephones	276	243	239	217	204	217	267	339
Conservation and development of agricultural land and water resources	346	341	317	244	286	305	351	442
Research, and other agricultural services	150	143	145	150	177	215	227	259
<b>Natural resources</b>	<b>1,267</b>	<b>1,366</b>	<b>1,476</b>	<b>1,315</b>	<b>1,202</b>	<b>1,104</b>	<b>1,296</b>	<b>1,467</b>
Conservation and development of—								
Land and water resources	1,068	1,140	1,234	1,056	935	803	925	1,036
Forest resources	81	95	107	117	118	138	162	171
Mineral resources	36	35	38	37	37	38	62	63
Fish and wildlife	26	30	34	38	43	45	51	65
Recreational use of natural resources	30	33	30	33	35	44	59	78
General resource surveys and administration	26	32	34	35	34	35	38	43
<b>Commerce and housing</b>	<b>2,217</b>	<b>2,623</b>	<b>2,502</b>	<b>814</b>	<b>1,502</b>	<b>2,028</b>	<b>1,453</b>	<b>2,146</b>
Promotion of water transportation	281	420	455	370	349	420	365	397
Provision of highways	455	470	572	586	647	783	40	38
Promotion of aviation	222	237	239	275	253	251	295	413
Postal service	626	740	659	312	356	403	518	686
Community development and facilities	8	15	45	37	56	4	49	89
Public housing programs	124	148	29	<sup>4</sup> 401	<sup>4</sup> 116	31	60	71
Other aids to housing	469	511	413	<sup>4</sup> 142	<sup>4</sup> 270	19	<sup>4</sup> 60	191
Other aids to business	<sup>4</sup> 46	<sup>4</sup> 169	<sup>4</sup> 111	<sup>4</sup> 330	<sup>4</sup> 404	<sup>4</sup> 83	59	118
Regulation of commerce and finance	76	190	137	45	38	41	45	49
Civil defense		33	51	60	42	56	63	67
Disaster insurance, loans, and relief		28	12	1	12	43	21	26

See footnotes at end of table.

# No. 460.—BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT, BY FUNCTION: 1951 TO 1958—Continued

(In millions of dollars)

SOURCE AND FUNCTION	1951	1952	1953	1954	1955	1956	1957	1958 estimate
<b>General government</b> .....	1,327	1,464	1,474	1,239	1,201	1,629	1,789	1,377
Legislative functions.....	50	50	49	49	60	77	90	101
Judicial functions.....	30	30	29	29	31	38	40	44
Executive direction and management.....	17	14	11	11	12	12	12	14
Federal financial management.....	413	438	442	449	431	475	476	508
General property and records management.....	181	232	185	155	164	164	194	255
Central personnel management and employment costs.....	351	368	387	93	115	334	627	124
Civilian weather services.....	24	26	28	26	25	34	38	39
Protective services and alien control.....	126	176	147	160	157	188	187	193
Territories and possessions, and D. C.....	22	50	55	53	67	60	74	82
Other general government.....	112	79	140	213	139	238	51	17
<b>Interest</b> .....	5,714	5,934	6,583	6,470	6,438	6,846	7,398	7,887
On the public debt.....	5,615	5,853	6,504	6,382	6,370	6,787	7,244	7,800
On refunds of receipts.....	93	76	75	83	62	54	57	61
On uninvested funds.....	6	5	5	5	5	6	6	6
<b>Allowance for contingencies</b> .....								209
Adjustment to daily Treasury statement basis.....	-705	-857						
<b>Memorandum:</b>								
Capital transfers from revolving funds to general fund.....	208	208	205	364	695	301	225	132
Investments of revolving funds in United States securities.....	104	101	79	477	126	101	36	127

<sup>1</sup> Includes taxes not otherwise classified.<sup>2</sup> Net of receipts of public enterprise funds. Excludes payments to railroad retirement trust account other than military service credits, formerly included in labor and welfare.<sup>3</sup> Expenditures for Army defense include some expenditures for support of the Air Force financed from 1949 and prior year appropriations.<sup>4</sup> Deduct; excess of repayments and collections over expenditures.Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*, Special Analysis K.

## No. 461.—COMMERCIAL-INDUSTRIAL ACTIVITIES OF THE FEDERAL GOVERNMENT: 1954-55

[Assets in millions of dollars. Represents an inventory of executive agencies of those activities which provided a service or product for the Government's use during fiscal years 1954 or 1955 (determined by availability of data); some activities have been curtailed or terminated since their listing. Covers continental U. S., Alaska, and Hawaii. Excludes those activities with capital assets of less than \$5,000 and production valued at less than \$25,000 a year. Also excludes those activities normally considered a part of management of a private enterprise (personnel work, bookkeeping, accounting) and certain public services and utilities. Dept. of Defense comprises only manufacturing activities of the military functions. Employees are those engaged directly in the activity]

GOVERNMENT FACILITIES	Installations	Capital assets <sup>1</sup>	Government employees
<b>Total</b> .....	19,771	11,864	266,521
Government-operated.....	19,321	2,990	266,521
Civilian agencies.....	18,964	761	96,844
Department of Defense.....	357	2,229	169,677
Government-owned, contractor-operated.....	450	8,874	
Civilian agencies.....	301	4,029	
Department of Defense.....	149	4,845	
Wholly Government-owned.....	106	4,192	
Partly Government-owned.....	43	654	

ACTIVITIES CLASSIFIED BY INDUSTRY	GOVERNMENT-OPERATED		GOVERNMENT-OWNED, CONTRACTOR-OPERATED	
	Installations	Capital assets <sup>1</sup>	Installations	Capital assets <sup>1</sup>
<b>Total</b> .....	19,321	2,990	450	8,874
Agriculture, forestry, and fisheries.....	117	11		
Mining.....	11	2	3	( <sup>2</sup> )
Contract construction.....	981	160	1	1
<b>Manufacturing:</b>				
Civilian agencies.....	305	63	47	3,357
Department of Defense.....	357	2,229	149	4,845
Wholly Government-owned.....			106	4,192
Partly Government-owned.....			43	654
Transportation, communications, and other public utilities.....	6,061	368	113	168
Wholesale trade.....	13	11		
Retail trade.....	298	9	6	1
Finance, insurance, and real estate.....	323	11	2	( <sup>2</sup> )
Services.....	10,850	125	129	501

<sup>1</sup> Listed at acquisition cost, where known. <sup>2</sup> Less than \$500,000.Source: Executive Office of the President, Bureau of the Budget; *An Inventory of Certain Commercial-Industrial Activities of the Government*, May 1956.

# No. 462.—FEDERAL GOVERNMENT OBLIGATIONS FOR SCIENTIFIC RESEARCH AND DEVELOPMENT: 1950 TO 1958

[In millions of dollars. For years ending June 30]

AGENCY	1950	1951	1952	1953	1954	1955	1956	1957 <sup>1</sup>	1958 <sup>1</sup>
Total obligations:									
Excluding military pay and allowances.....	1,176	1,812	2,195	2,148	1,900	2,095	2,505	3,162	3,138
Including military pay and allowances.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2,252	2,093	3,358	3,377
Conduct of research and development:									
Excluding military pay and allowances.....	973	1,482	1,887	1,900	1,744	1,887	2,231	2,635	2,782
Including military pay and allowances.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2,045	2,419	2,830	3,021
Department of Agriculture.....	57	55	55	56	59	72	83	101	116
Department of Commerce.....	22	11	10	11	8	15	18	23	30
Department of Defense:									
Excluding military pay and allowances.....	600	1,126	1,509	1,477	1,283	1,372	1,585	1,725	1,707
Including military pay and allowances.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,529	1,773	1,921	1,946
Department of the Army.....	119	307	459	420	367	367	405	420	403
Military functions.....	117	305	457	419	365	366	404	418	400
Civil functions.....	2	2	2	1	2	( <sup>3</sup> )	1	2	3
Department of the Navy.....	258	450	551	490	413	395	496	514	505
Department of the Air Force.....	224	369	499	567	502	588	640	681	671
Departmentwide funds.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	22	45	110	128
Military pay and allowances.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	157	188	196	239
Department of Health, Education, and Welfare.....	34	38	44	50	58	68	86	144	170
Department of the Interior.....	29	30	31	32	38	35	38	46	52
Atomic Energy Commission.....	172	158	169	204	230	253	336	468	570
National Advisory Committee for Aeronautics.....	43	45	51	48	47	43	50	56	67
National Science Foundation.....	( <sup>3</sup> )	( <sup>3</sup> )	1	2	5	10	16	40	35
All other agencies.....	16	18	19	19	16	20	20	32	35
Increase of research and development plant.....	203	330	307	248	156	207	274	527	356

<sup>1</sup> Estimated.

<sup>2</sup> Not available.

<sup>3</sup> Less than \$500,000.

Source: National Science Foundation; annual report, *Federal Funds for Science*.

# No. 463.—FEDERAL GOVERNMENT OBLIGATIONS FOR SCIENTIFIC RESEARCH AND DEVELOPMENT, BY CHARACTER OF WORK: 1957

[In thousands of dollars. For year ending June 30]

AGENCY AND SUBDIVISION	Total	CONDUCT OF RESEARCH AND DEVELOPMENT				Increase of research and development plant
		Total	Research		Development	
			Total	Basic		
Total, all agencies <sup>1</sup> .....	3,357,798	2,830,373	963,642	217,609	1,671,231	527,425
Department of Agriculture.....	105,021	101,029	101,029	17,157		3,992
Department of Commerce.....	24,874	22,727	10,722	4,922	12,005	2,147
Department of Defense.....	2,165,841	1,920,841	455,395	31,206	1,269,946	245,000
Department of the Army.....	491,671	466,671	112,432	4,855	307,939	25,000
Military functions.....	489,741	464,741	112,432	4,855	306,009	25,000
Direct costs.....	443,441	418,441	112,432	4,855	306,009	25,000
Pay and allowances, military personnel <sup>1</sup> .....	46,300	46,300				
Civil functions.....	1,930	1,930			1,930	
Department of the Navy.....	596,899	556,899	145,940	8,785	367,959	40,000
Direct costs.....	553,899	513,899	145,940	8,785	367,959	40,000
Pay and allowances, military personnel <sup>1</sup> .....	43,000	43,000				
Department of the Air Force.....	967,163	787,163	194,693	17,566	486,270	180,000
Direct costs.....	860,963	680,963	194,693	17,566	486,270	180,000
Pay and allowances, military personnel <sup>1</sup> .....	106,200	106,200				
Departmentwide funds <sup>2</sup> .....	110,108	110,108	2,330		107,778	
Department of Health, Education, and Welfare.....	181,558	143,859	140,009	38,515	3,850	37,699
Department of the Interior.....	47,364	46,327	44,325	13,906	2,002	1,037
Atomic Energy Commission.....	672,420	467,863	102,478	55,970	305,385	204,557
Federal Civil Defense Administration.....	4,724	4,724	4,724			
General Services Administration.....	5,182	5,182	5,182			
National Advisory Committee for Aeronautics.....	79,964	55,977	41,983	14,670	13,094	23,987
National Science Foundation.....	48,470	39,797	39,797	39,797		8,673
Regular program.....	23,069	17,274	17,274	17,274		5,795
International Geophysical Year.....	24,963	22,085	22,085	22,085		2,878
Synthetic rubber program.....	438	438	438	438		
Veterans Administration.....	10,990	10,990	10,990			
All other agencies.....	11,390	11,057	7,008	1,466	4,049	393

<sup>1</sup> Military personnel included in totals but not distributed by character of work.

<sup>2</sup> Includes Mutual Weapons Development Program, Weapons Systems Analysis and Evaluation, and obligations from the Emergency Fund.

Source: National Science Foundation; annual report, *Federal Funds for Science*.

**No. 464.—INTERNAL REVENUE COLLECTIONS, BY PRINCIPAL SOURCES: 1940 TO 1957**  
 [In millions of dollars. For years ending June 30. Data differ from those in table 455 because certain taxes paid currently into Treasury depositories were excluded by Internal Revenue Service until quarterly returns supported by depository receipts reached IRS offices. See also *Historical Statistics, 1789-1945*, series P 109-129]

YEAR	Total internal revenue collections	INCOME, PROFITS, AND EMPLOYMENT TAXES			Estate and gift taxes	Alcohol taxes	Tobacco taxes	Manufacturers' excise taxes	All other taxes
		Total	Individual income and employment taxes <sup>1</sup>	Corporation income and profits taxes <sup>2</sup>					
1940.....	5,340	2,963	1,816	1,148	360	624	609	447	337
1945.....	43,800	36,841	20,813	16,027	643	2,310	932	783	2,292
1950.....	38,957	30,652	19,798	10,854	706	2,219	1,328	1,836	2,215
1953.....	69,687	58,849	37,255	21,595	891	2,781	1,655	2,863	2,647
1954.....	69,920	59,468	37,921	21,646	935	2,783	1,580	2,689	2,465
1955.....	66,289	56,134	37,870	18,265	936	2,743	1,571	2,885	2,019
1956.....	75,113	63,932	42,633	21,299	1,171	2,921	1,613	3,456	2,019
1957 <sup>3</sup> .....	80,172	68,141	46,610	21,531	1,378	2,973	1,674	3,762	2,244

<sup>1</sup> Beginning January 1951, withheld income taxes and social security employment taxes on employees and employers are paid into the Treasury in combined amounts without separation as to type of tax; figures for prior years have been combined accordingly in this table for purposes of comparison.

<sup>2</sup> Includes tax on business income of exempt organizations.

<sup>3</sup> Excludes \$3,767,000 transferred to the Government of Guam, (\$3,363,000 from individual income and employment taxes and \$404,000 from corporation income and profits taxes).

**No. 465.—INTERNAL REVENUE COLLECTIONS, BY DETAILED SOURCES: 1956 AND 1957**  
 [In thousands of dollars. For years ending June 30. See headnote, table 464]

TYPE OF TAX	1956	1957	TYPE OF TAX	1956	1957
<b>Total.....</b>	<b>75,112,649</b>	<b>80,171,971</b>	<b>Misc. internal revenue—</b>		
<b>Income, profits, and employment taxes.....</b>	<b>63,931,948</b>	<b>68,140,946</b>	Con.		
Individual income and employment.....	42,633,426	46,610,293	Mfrs.' excise taxes—Con.		
Withheld.....	30,478,510	33,481,192	Phonograph records.....	12,324	16,450
Income and old-age insurance.....	29,544,187	32,865,172	Musical instruments.....	12,776	14,781
Railroad retirement.....	634,323	616,020	Mechanical pencils, etc.....	9,576	9,114
Not withheld.....	11,830,260	12,799,067	Refrigerators, freezers, air conditioners, etc.....	49,078	46,894
Unemployment insurance.....	324,656	330,034	Matches.....	6,160	5,865
Corporation income and profits taxes.....	21,298,522	21,530,653	Business and store machines.....	70,146	83,175
<b>Misc. internal revenue.....</b>	<b>11,206,641</b>	<b>11,949,305</b>	Cameras, lenses, and film.....	17,373	19,901
Estate tax.....	1,053,867	1,253,071	Sporting goods.....	13,653	14,614
Gift tax.....	117,370	124,928	Firearms, shells, cartridges.....	15,455	16,566
Alcohol taxes <sup>1</sup> .....	2,920,574	2,973,195	Retailers' excise taxes.....	321,896	336,081
Distilled spirits.....	2,062,242	2,121,411	Furs.....	28,261	29,494
Imported, excise.....	267,037	292,750	Jewelry.....	152,340	156,604
Domestic, excise.....	1,754,687	1,788,715	Luggage.....	57,519	57,116
Rectification tax.....	24,384	23,511	Toilet preparations.....	83,776	92,868
Other.....	16,134	16,436	Miscellaneous excise taxes.....	1,608,497	1,718,509
Wines, cordials, etc.....	87,751	88,672	Sugar.....	82,894	86,091
Beer.....	770,581	763,112	Long distance telephone, telegraph, cable, radio, etc., and leased wires.....	241,543	266,185
Excise.....	765,447	758,067	Local telephone service.....	315,090	347,024
Other.....	5,134	5,045	Transportation of—		
Tobacco taxes <sup>1</sup> .....	1,613,497	1,674,050	Oil by pipeline.....	35,681	37,159
Cigarettes.....	1,549,133	1,610,908	Persons, seats, berths.....	214,903	222,163
Cigars.....	45,043	44,859	Property.....	450,579	467,978
Other.....	19,321	18,283	Use of safe deposit boxes.....	5,512	5,826
Documents, other instruments, and playing cards.....	114,927	107,546	Club dues and initiation fees.....	47,171	54,236
Manufacturers' excise taxes.....	3,456,013	3,761,925	Bowling alleys, pool tables, etc.....	2,955	3,122
Lubricating oils.....	74,584	73,601	Coin-operated devices.....	14,246	15,044
Gasoline, incl. floor tax.....	1,030,397	1,458,217	Admissions.....	146,272	119,089
Tires and tubes.....	177,872	251,454	Theaters, concerts, etc.....	104,018	75,847
Trucks and buses, chassis, bodies, etc.....	189,434	199,299	Cabarets, roof gardens, etc.....	42,255	43,241
Passenger automobiles, chassis, bodies, etc.....	1,376,372	1,144,233	Use tax on highway motor vehicles weighing over 26,000 pounds.....		27,163
Parts and accessories for automobiles, trucks, etc.....	145,797	157,291	Narcotics and marihuana.....	1,002	972
Electric, gas, and oil appliances.....	71,064	75,106	Coconut and other vegetable oils processed.....	18,535	19,652
Electric light bulbs and tubes.....	22,854	26,080	Diesel fuel.....	24,464	39,464
Radio and telev. sets, phonographs, components, etc.....	161,098	149,192	Other, incl. repealed taxes.....	7,050	7,355
			<b>All other <sup>2</sup>.....</b>	<b>—25,940</b>	<b>81,719</b>

<sup>1</sup> Includes taxes collected in Puerto Rico upon tobacco and liquor manufactures coming into the United States.

<sup>2</sup> Includes undistributed depository receipts and unclassified advance payments of excise taxes.

Source of tables 464 and 465: Treasury Department, Internal Revenue Service; *Annual Report of the Commissioner*.

## INTERNAL REVENUE COLLECTIONS

373

No. 466.—INTERNAL REVENUE COLLECTIONS, BY STATES AND OTHER AREAS:  
1955 to 1957

[In millions of dollars. For years ending June 30. See headnote, table 464. Tax receipts are credited to States in which collections made. Receipts in the various States do not indicate the tax burden of the respective States, since burden may eventually be borne by persons in other States]

STATE OR OTHER AREA	TOTAL <sup>1</sup>			INDIVIDUAL INCOME AND EMPLOYMENT TAXES <sup>2</sup>			CORPORATION INCOME AND PROFITS TAXES <sup>3</sup>		
	1955	1956	1957	1955	1956	1957	1955	1956	1957
<b>Total</b> .....	66,289	75,113	80,172	37,870	42,633	46,610	18,265	21,299	21,531
<b>New England</b> .....	3,578	3,953	4,337	2,366	2,630	2,833	896	958	1,038
Maine.....	163	180	195	112	124	136	44	45	49
New Hampshire.....	118	136	150	90	102	111	23	28	30
Vermont.....	65	73	80	47	54	58	15	13	15
Massachusetts.....	1,792	1,973	2,180	1,196	1,320	1,422	432	466	530
Rhode Island.....	275	301	331	190	212	224	65	68	75
Connecticut.....	1,166	1,290	1,402	732	818	882	318	338	340
<b>Middle Atlantic</b> .....	19,357	21,971	23,220	10,692	11,975	12,765	6,389	7,427	7,613
New York.....	18,684	14,316	15,095	6,611	7,332	7,702	4,749	5,427	5,613
New Jersey.....	2,016	2,191	2,356	1,267	1,410	1,509	449	490	552
Pennsylvania.....	4,658	5,464	5,768	2,815	3,233	3,494	1,191	1,510	1,449
<b>East North Central</b> .....	17,940	21,038	21,689	9,419	10,810	11,612	5,399	6,883	6,545
Ohio.....	4,228	4,759	5,075	2,443	2,815	3,102	1,300	1,398	1,945
Indiana.....	1,393	1,675	1,775	803	1,039	1,085	285	317	340
Illinois.....	5,440	6,098	6,572	3,136	3,493	3,862	1,584	1,823	1,899
Michigan.....	5,072	7,156	6,211	2,341	2,665	2,710	1,876	2,745	1,926
Wisconsin.....	1,207	1,350	1,455	686	795	854	353	395	429
<b>West North Central</b> .....	4,226	4,631	4,777	2,687	2,954	3,112	1,111	1,212	1,167
Minnesota.....	1,029	1,151	1,216	637	716	792	237	323	334
Iowa.....	585	572	586	307	300	419	129	142	134
Missouri.....	1,638	1,817	1,845	954	1,076	1,124	456	523	488
North Dakota.....	64	69	79	54	58	63	8	8	8
South Dakota.....	75	79	82	60	64	67	11	11	10
Nebraska.....	400	423	432	286	296	303	64	74	69
Kansas.....	486	520	537	319	344	364	127	131	122
<b>South Atlantic</b> .....	7,111	7,756	8,097	3,783	4,134	4,358	1,576	1,779	1,812
Delaware.....	770	838	760	257	290	289	491	503	455
Maryland.....	1,856	1,859	1,852	1,342	1,290	1,275	262	289	282
Virginia.....	1,054	1,182	1,237	467	547	582	173	213	238
West Virginia.....	267	312	341	188	218	230	58	76	83
North Carolina.....	1,498	1,663	1,789	428	495	529	222	276	288
South Carolina.....	242	270	283	165	185	196	68	69	72
Georgia.....	648	741	801	406	476	512	164	176	193
Florida.....	737	891	1,033	529	633	736	137	172	201
<b>East South Central</b> .....	2,364	2,628	2,804	1,033	1,182	1,262	357	429	468
Kentucky.....	1,342	1,440	1,530	294	339	362	138	157	170
Tennessee.....	505	566	605	360	399	424	108	125	139
Alabama.....	378	455	492	270	318	342	89	117	128
Mississippi.....	139	167	177	108	126	134	22	29	30
<b>West South Central</b> .....	3,603	3,889	4,208	2,282	2,512	2,673	897	931	987
Arkansas.....	166	179	184	122	133	143	34	36	32
Louisiana.....	547	600	672	340	387	431	123	131	151
Oklahoma.....	644	703	784	351	375	402	161	186	189
Texas.....	2,245	2,407	2,568	1,464	1,617	1,696	580	578	616
<b>Mountain</b> .....	1,492	1,672	1,813	1,116	1,264	1,377	253	281	289
Montana.....	120	129	136	91	97	105	23	24	24
Idaho.....	109	120	131	80	93	106	25	23	21
Wyoming.....	57	59	66	45	46	52	7	7	7
Colorado.....	680	782	838	510	589	626	109	129	133
New Mexico.....	118	125	139	91	101	115	14	15	15
Arizona.....	168	185	213	131	146	167	29	29	33
Utah.....	154	176	193	105	120	133	35	41	42
Nevada.....	87	96	97	64	72	72	13	13	15
<b>Pacific</b> .....	6,415	7,353	8,058	4,346	5,018	5,585	1,358	1,562	1,574
Washington.....	802	847	899	557	599	643	182	186	182
Oregon.....	429	498	515	332	376	398	75	98	92
California.....	5,184	6,008	6,644	3,457	4,043	4,544	1,102	1,278	1,301
Alaska.....	45	44	36	41	39	31	2	2	3
Hawaii.....	126	141	154	92	101	112	27	31	34
<b>International Operations Division</b> .....			121			98			( <sup>4</sup> )
Puerto Rico.....	32	34	38	12	14	17			( <sup>4</sup> )
All other.....			83			82			( <sup>4</sup> )
<b>Undistributed depository receipts <sup>5</sup></b> .....			861			797			
<b>Transferred to Gov't of Guam <sup>6</sup></b> .....			-4			-3			( <sup>5</sup> )

<sup>1</sup> Includes miscellaneous taxes in following amounts (in millions): 1955, \$10,154; 1956, \$11,181; 1957, \$12,031.

<sup>2</sup> Includes taxes withheld on salaries and wages. <sup>3</sup> Includes tax on business income of exempt organizations.

<sup>4</sup> Includes collections for D. C.; separate data not available. <sup>5</sup> Under \$500,000.

<sup>6</sup> Effective Jan. 2, 1957, revised accounting procedures provide for the central reporting, by the Treasury Bureau of Accounts, of amounts of depository receipts issued in national totals only. These amounts included in total tax collections but not in State distribution.

<sup>7</sup> Beginning 1957, collections adjusted to exclude amounts originally deposited in the U. S. Treasury and subsequently transferred to the Government of Guam, in accordance with Public Law 630, approved Aug. 1, 1950.

Source: Treasury Department, Internal Revenue Service; *Annual Report of the Commissioner*.

# No. 467.—INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1924 TO 1957

[Maximum earned net income assumed]

GROUP AND REVENUE ACT	INCOME YEAR	LIABILITY <sup>1</sup> (DOLLARS) OF THOSE WITH NET INCOME OF—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
<b>Single person, no dependent:</b>											
1924	1924			15	30	60	150	225	1,635	22,645	199,645
1926	1925 <sup>2</sup> —1927			6	17	40	101	154	1,234	16,134	116,134
1928	1928, 1930—1931			6	17	40	101	154	1,099	15,844	115,844
	1929 <sup>3</sup>			2	6	13	52	90	922	14,930	110,930
1932	1932—1933			40	80	160	420	600	2,640	30,220	263,720
1934	1934—1935			32	68	140	378	560	2,804	31,404	264,844
1936, 1938 <sup>4</sup>	1936—1939			32	68	140	378	560	2,804	33,354	305,224
1940	1940 <sup>5</sup>		4	44	84	172	449	686	4,253	44,268	330,933
1941	1941		21	117	221	483	1,031	1,493	7,224	53,214	345,654
1942	1942 <sup>6</sup>	15	89	273	472	920	1,742	2,390	9,626	64,641	414,616
	1943 <sup>6 7</sup>	17	107	333	574	1,105	2,052	2,783	10,644	69,665	441,803
1944 <sup>8</sup>	1944—1945	23	115	345	585	1,105	2,035	2,755	10,590	69,870	444,350
1945	1946—1947	19	95	285	485	922	1,720	2,347	9,362	63,641	407,897
1948	1948—1949		66	232	409	811	1,546	2,124	8,600	58,762	385,000
1950	1950		70	244	428	843	1,604	2,201	8,898	60,770	396,221
1951	1951 <sup>10</sup>		82	286	498	964	1,816	2,486	9,976	67,274	429,750
	1952—1953 <sup>10</sup>		89	311	542	1,052	1,992	2,728	10,940	69,688	436,164
1954 <sup>11</sup>	1954—1957 <sup>10</sup>		80	280	488	944	1,780	2,436	9,796	66,798	429,274
<b>Married person, no dependent:</b>											
1924	1924				8	38	105	165	1,565	22,575	199,575
1926	1925 <sup>2</sup> —1927					17	56	101	1,159	16,059	116,059
1928	1928, 1930—1931					17	56	101	1,024	15,769	115,769
	1929 <sup>3</sup>					6	22	52	862	14,870	110,870
1932	1932—1933			20	100	300	480	2,520	30,100	263,600	
1934	1934—1935			8	80	248	415	2,489	30,594	263,944	
1936, 1938 <sup>4</sup>	1936—1939			8	80	248	415	2,489	32,469	304,144	
1940	1940 <sup>5</sup>			31	110	317	628	3,843	43,476	330,166	
1941	1941		42	138	375	873	1,305	6,804	52,704	345,084	
1942	1942 <sup>6</sup>		140	324	746	1,532	2,152	9,220	64,060	414,000	
	1943 <sup>6 7</sup>	1	15	188	405	894	1,780	2,467	10,035	68,584	440,747
1944 <sup>8</sup>	1944—1945	3	15	245	475	975	1,885	2,585	10,295	69,435	443,895
1945	1946—1947		190	380	798	1,577	2,185	9,082	63,128	407,465	
1948	1948—1949 <sup>12</sup>		133	299	631	1,206	1,621	5,877	46,403	359,662	
1950	1950 <sup>12</sup>		139	313	661	1,257	1,686	6,087	47,994	370,657	
1951	1951 <sup>10 12</sup>		163	367	775	1,443	1,928	6,874	53,516	404,500	
	1952—1953 <sup>10 12</sup>		178	400	844	1,577	2,104	7,508	56,932	412,328	
1954 <sup>11</sup>	1954—1957 <sup>10 12</sup>		160	360	760	1,416	1,888	6,724	52,776	403,648	
<b>Married person, 2 dependents:</b>											
1924	1924					26	81	141	1,525	22,535	199,535
1926	1925 <sup>2</sup> —1927					8	42	83	1,129	16,029	116,029
1928	1928, 1930—1931					8	42	83	994	15,739	115,739
	1929 <sup>3</sup>					3	14	40	838	14,846	110,846
1932	1932—1933				68	236	416	2,456	30,036	263,536	
1934	1934—1935				48	343	433	2,327	30,162	263,464	
1936, 1938 <sup>4</sup>	1936—1939				48	184	343	2,327	31,997	303,568	
1940	1940 <sup>5</sup>				75	246	440	3,571	42,948	329,637	
1941	1941			58	271	717	1,117	6,480	52,160	344,476	
1942	1942 <sup>6</sup>		13	191	592	1,322	1,914	8,814	63,479	413,384	
	1943 <sup>6 7</sup>	1	14	58	267	730	1,553	2,208	9,574	67,808	439,931
1944 <sup>8</sup>	1944—1945	3	15	45	275	755	1,585	2,245	9,705	68,565	442,985
1945	1946—1947				190	589	1,292	1,862	8,522	62,301	406,600
1948	1948—1949 <sup>12</sup>				100	432	974	1,361	5,476	45,643	358,677
1950	1950 <sup>12</sup>				104	452	1,016	1,417	5,672	47,208	369,645
1951	1951 <sup>10 12</sup>				122	530	1,174	1,622	6,406	52,640	403,408
	1952—1953 <sup>10 12</sup>				133	577	1,282	1,774	7,004	56,032	411,224
1954 <sup>11</sup>	1954—1957 <sup>10 12</sup>				120	520	1,152	1,592	6,268	51,912	402,456

<sup>1</sup> Actual tax liability on selected net incomes and necessary assumptions.

<sup>2</sup> Provisions of 1926 Act were retroactive to 1925.

<sup>3</sup> Normal tax rates of 1928 Act were reduced for 1929 only by Joint Resolution of Congress, No. 133, approved in Dec. 1929.

<sup>4</sup> Rates and exemptions for 1936 and 1938 Acts were identical and resulted in the same tax liabilities.

<sup>5</sup> Includes defense tax.

<sup>6</sup> Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.



## No. 467.—INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1924 TO 1957—Continued

[Maximum earned net income assumed]

GROUP AND REVENUE ACT	INCOME YEAR	EFFECTIVE RATE <sup>13</sup> (PERCENT) FOR THOSE WITH NET INCOME OF—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
<b>Single person, no dependent:</b>											
1924	1924			0.8	1.0	1.2	1.9	2.3	6.5	22.7	39.9
1926	1925 <sup>2</sup> -1927			0.3	0.6	0.8	1.3	1.5	4.9	16.1	23.2
1928	1928, 1930-1931			0.3	0.6	0.8	1.3	1.5	4.4	15.8	23.2
	1929 <sup>3</sup>			0.1	0.2	0.3	0.7	0.9	3.7	14.9	22.2
1932	1932-1933			2.0	2.7	3.2	5.3	6.0	10.6	30.2	52.7
1934	1934-1935			1.6	2.3	2.8	4.7	5.6	11.2	31.4	53.0
1936, 1938 <sup>4</sup>	1936-1939			1.6	2.3	2.8	4.7	5.6	11.2	33.4	61.0
1940	1940 <sup>5</sup>		0.4	2.2	2.8	3.4	5.6	6.9	17.0	44.3	66.2
1941	1941		2.1	5.9	7.4	9.7	12.9	14.9	28.9	53.2	69.1
1942	1942 <sup>6</sup>	2.5	8.9	13.7	15.7	18.4	21.8	23.9	38.5	64.6	82.9
	1943 <sup>6 7</sup>	2.8	10.7	16.7	19.1	22.1	25.7	27.8	42.6	69.7	88.4
1944 <sup>8</sup>	1944-1945	3.8	11.5	17.3	19.5	22.1	25.4	27.6	42.4	69.9	88.9
1945	1946-1947	3.2	9.5	14.3	16.2	18.4	21.5	23.5	37.5	63.5	81.6
1948	1948-1949		6.6	11.6	13.6	16.2	19.3	21.2	34.4	58.8	77.0
1950	1950		7.0	12.2	14.3	16.9	20.0	22.0	35.6	60.8	79.2
1951	1951 <sup>10</sup>		8.2	14.3	16.6	19.3	22.7	24.9	39.9	67.3	86.0
	1952-1953 <sup>10</sup>		8.9	15.5	18.1	21.0	24.9	27.2	43.8	69.7	87.2
1954 <sup>11</sup>	1954-1957 <sup>10</sup>		8.0	14.0	16.3	18.9	22.3	24.4	39.2	66.8	85.9
<b>Married, person, no dependent:</b>											
1924	1924				0.3	0.8	1.3	1.7	6.3	22.6	39.9
1926	1925 <sup>2</sup> -1927					0.3	0.7	1.0	4.6	16.1	23.2
1928	1928, 1930-1931					0.3	0.7	1.0	4.1	15.8	23.2
	1929 <sup>3</sup>					0.1	0.3	0.5	3.5	14.9	22.2
1932	1932-1933				0.7	2.0	3.8	4.8	10.1	30.1	52.7
1934	1934-1935				0.3	1.6	3.1	4.2	10.0	30.6	52.8
1936, 1938 <sup>4</sup>	1936-1939				0.3	1.6	3.1	4.2	10.0	32.5	60.8
1940	1940 <sup>5</sup>				1.0	2.2	4.0	5.3	15.4	43.5	66.0
1941	1941			2.1	4.6	7.5	10.9	13.1	27.5	52.7	69.0
1942	1942 <sup>6</sup>			7.0	10.8	14.9	19.2	21.5	36.9	64.1	82.8
	1943 <sup>6 7</sup>	0.2	1.5	9.4	13.5	17.9	22.3	24.7	40.1	68.6	88.1
1944 <sup>8</sup>	1944-1945	0.5	1.5	12.3	15.8	19.5	23.6	25.9	41.2	69.4	88.8
1945	1946-1947			9.5	12.7	16.0	19.7	21.9	36.3	63.1	81.5
1948	1948-1949 <sup>12</sup>			6.6	10.0	12.6	15.1	16.2	23.5	46.4	71.9
1950	1950 <sup>12</sup>			7.0	10.4	13.2	15.7	16.9	24.3	48.0	74.1
1951	1951 <sup>10 12</sup>			8.2	12.2	15.5	18.0	19.3	27.5	53.5	80.9
	1952-1953 <sup>10 12</sup>			8.9	13.3	16.9	19.7	21.0	30.0	56.9	82.5
1954 <sup>11</sup>	1954-1957 <sup>10 12</sup>			8.0	12.0	15.2	17.7	18.9	26.9	52.8	80.7
<b>Married person, 2 dependents:</b>											
1924	1924					0.5	1.0	1.4	6.1	22.5	39.9
1926	1925 <sup>2</sup> -1927					0.2	0.5	0.8	4.5	16.0	23.1
1928	1928, 1930-1931					0.2	0.5	0.8	4.0	15.7	23.1
	1929 <sup>3</sup>					0.1	0.2	0.4	3.4	14.8	22.2
1932	1932-1933					1.4	3.0	4.2	9.8	30.0	52.7
1934	1934-1935					1.0	2.3	3.4	9.3	30.2	52.7
1936, 1938 <sup>4</sup>	1936-1939					1.0	2.3	3.4	9.3	32.0	60.7
1940	1940 <sup>5</sup>					1.5	3.1	4.4	14.3	42.9	65.9
1941	1941				1.9	5.4	9.0	11.2	25.9	52.2	68.9
1942	1942 <sup>6</sup>			0.7	6.4	11.8	16.5	19.1	35.3	63.5	82.7
	1943 <sup>6 7</sup>	0.2	1.4	2.9	8.9	14.6	19.4	22.1	38.3	67.8	88.0
1944 <sup>8</sup>	1944-1945	0.5	1.5	2.3	9.2	15.1	19.8	22.5	38.8	68.6	88.6
1945	1946-1947				6.3	11.8	16.2	18.6	34.1	62.3	81.3
1948	1948-1949 <sup>12</sup>				3.3	8.6	12.2	13.6	21.9	45.6	71.7
1950	1950 <sup>12</sup>				3.5	9.0	12.7	14.2	22.7	47.2	73.9
1951	1951 <sup>10 12</sup>				4.1	10.6	14.7	16.2	25.6	52.6	80.7
	1952-1953 <sup>10 12</sup>				4.4	11.5	16.0	17.7	28.0	56.0	82.2
1954 <sup>11</sup>	1954-1957 <sup>10 12</sup>				4.0	10.4	14.4	15.9	25.1	51.9	80.5

<sup>7</sup> Includes net Victory tax. Computed by assuming that deductions are 10 percent of Victory tax net income; i. e., that Victory tax net income is ten-ninths of selected net income.

<sup>8</sup> Individual Income Tax Act of 1944.

<sup>9</sup> Taking into account maximum effective rate limitation of 77 percent.

<sup>10</sup> Excludes self-employment tax.

<sup>11</sup> Internal Revenue Code of 1954.

<sup>12</sup> Split income basis.

<sup>13</sup> Tax liability divided by stated net income.

Source: Treasury Department.

### No. 468.—INDIVIDUAL INCOME AND FIDUCIARY INCOME TAX RETURNS WITH INCOME— SUMMARY: 1925 TO 1955

[Includes data from income tax returns of citizens and resident aliens, based on a sample of returns as filed, un-audited except to insure proper execution. See also *Historical Statistics, 1789-1945*, series P 144-147]

ITEM	1925	1930	1935	1940	1945	1950	1954	1955
Number of individual returns, total <sup>1</sup>								
Taxable.....1,000.....	4,171	3,708	4,575	14,665	49,751	52,656	56,307	57,818
Nontaxable.....do.....	2,501	2,038	2,111	7,505	42,651	38,187	42,633	44,680
Net income or adjusted gross income <sup>2</sup>	1,670	1,670	2,464	7,161	7,100	14,469	13,674	13,129
\$1,000,000.....	21,895	18,119	14,910	36,589	120,301	179,874	230,236	249,429
Income tax <sup>3</sup> .....do.....	735	477	657	1,496	17,050	18,375	26,666	29,614
Average per return: <sup>4</sup>								
Income.....dollars.....	5,249	4,887	3,259	2,495	2,418	3,416	4,080	4,314
Income tax.....do.....	176	129	144	102	343	349	474	512
Income tax per capita of total population <sup>5</sup>	6.35	3.87	5.14	11.32	128	121	165	179
Percent of population filing returns <sup>5</sup> .....	5.27	4.43	5.23	16.70	55.85	55.31	55.93	56.41
Taxable fiduciary returns:								
Number.....1,000.....					114	115	128	( <sup>6</sup> )
Total income.....\$1,000,000.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	857	1,234	1,869	( <sup>6</sup> )
Income tax <sup>3</sup> .....do.....					176	209	264	( <sup>6</sup> )
Nontaxable fiduciary returns:								
Number.....1,000.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	291	( <sup>6</sup> )
Total income.....\$1,000,000.....							2,005	( <sup>6</sup> )

<sup>1</sup> Taxable fiduciary returns included with individual returns through 1940.

<sup>2</sup> Net income for 1940 and prior years; adjusted gross income, 1945 and later years.

<sup>3</sup> Income tax before tax credits, 1940 and prior years; after tax credits, 1945 and later years.

<sup>4</sup> Includes defense tax.

<sup>5</sup> For individual returns only, 1945 and later years. Joint returns counted twice for per capita tax and percent of population filing.

<sup>6</sup> Not available.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

### No. 469.—INDIVIDUAL SELF-EMPLOYMENT TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1954 AND 1955

[Number of returns in thousands; tax in millions of dollars. Excludes self-employment data filed by Puerto Ricans and Virgin Islanders. See headnote, table 468]

ADJUSTED GROSS INCOME CLASS	NUMBER OF RETURNS		SELF-EMPLOYMENT TAX <sup>1</sup>		ADJUSTED GROSS INCOME CLASS	NUMBER OF RETURNS		SELF-EMPLOYMENT TAX <sup>1</sup>	
	1954	1955	1954	1955		1954	1955	1954	1955
<b>Total</b> .....	4,212	6,646	391	463	\$3,000 to \$3,999.....	657	905	52	71
No adjusted gross income.....	13	80	1	3	\$4,000 to \$4,999.....	488	677	42	64
Under \$600.....	90	255	2	5	\$5,000 to \$9,999.....	327	1,207	85	122
\$600 to \$999.....	224	474	5	11	\$10,000 to \$14,999.....	217	285	22	34
\$1,000 to \$1,499.....	318	683	11	22	\$15,000 to \$19,999.....	82	114	9	14
\$1,500 to \$1,999.....	359	655	16	29	\$20,000 to \$29,999.....	68	93	7	11
\$2,000 to \$2,499.....	345	606	19	33	\$30,000 to \$49,999.....	36	49	4	6
\$2,500 to \$2,999.....	366	539	25	35	\$50,000 to \$99,999.....	15	19	2	2
					\$100,000 and over.....	4	5	( <sup>2</sup> )	1

<sup>1</sup> Self-employment tax levied on self-employment income in addition to income tax.

<sup>2</sup> Less than \$500,000.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

**No. 470.—INDIVIDUAL INCOME TAX RETURNS WITH INCOME, BY ADJUSTED GROSS INCOME CLASSES: 1950, 1954, AND 1955**

[Number of returns in thousands; money figures in millions of dollars. See headnote, table 468]

ADJUSTED GROSS INCOME CLASS	NUMBER OF RETURNS			ADJUSTED GROSS INCOME			INCOME TAX AFTER CREDITS		
	1950	1954	1955	1950	1954	1955	1950	1954	1955
<b>Total</b> .....	52,656	56,307	57,818	179,874	230,236	249,429	18,375	26,666	29,614
Under \$600.....	3,780	3,940	3,839	1,265	1,295	1,262	-----	-----	-----
\$600 to \$999.....	3,582	3,181	3,203	2,880	2,543	2,566	40	38	42
\$1,000 to \$1,499.....	5,077	4,521	4,524	6,351	5,631	5,616	197	214	217
\$1,500 to \$1,999.....	5,473	4,207	4,125	9,579	7,358	7,212	413	345	353
\$2,000 to \$2,499.....	5,643	4,312	4,117	12,704	9,704	9,275	648	575	552
\$2,500 to \$2,999.....	5,786	4,485	4,312	15,902	12,305	11,859	891	818	794
\$3,000 to \$3,999.....	9,837	9,156	8,665	34,107	32,041	30,320	2,177	2,467	2,382
\$4,000 to \$4,999 <sup>1</sup> .....	5,985	7,911	8,009	26,708	35,436	35,931	2,044	3,050	3,129
\$5,000 to \$9,999.....	6,115	12,466	14,459	39,046	81,879	95,542	3,984	9,210	10,614
\$10,000 to \$14,999.....	679	1,217	1,518	8,149	14,411	17,924	1,157	2,185	2,692
\$15,000 to \$19,999.....	256	369	426	4,397	6,324	7,300	758	1,146	1,308
\$20,000 to \$29,999.....	223	292	331	5,392	7,023	7,973	1,121	1,522	1,707
\$30,000 to \$49,999.....	136	162	191	5,144	6,072	7,143	1,382	1,684	1,962
\$50,000 to \$99,999.....	63	70	78	4,193	4,656	5,152	1,517	1,709	1,852
\$100,000 to \$199,999.....	16	15	17	2,063	1,939	2,225	942	872	959
\$200,000 to \$499,999.....	4	3	4	1,141	919	1,144	603	455	549
\$500,000 to \$999,999.....	1	( <sup>2</sup> )	1	419	295	418	240	155	210
\$1,000,000 and over.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	433	407	568	261	222	291

<sup>1</sup> For 1950, includes nontaxable returns exceeding the class limit.

<sup>2</sup> Less than 500.

**No. 471.—INDIVIDUAL INCOME TAX RETURNS WITH INCOME, BY MARITAL STATUS: 1945 TO 1955**

[Number of returns in thousands; money figures in millions of dollars. See headnote, table 468]

MARITAL STATUS	1945	1950	1951 <sup>1</sup>	1952 <sup>1</sup>	1953 <sup>1</sup>	1954	1955
<b>Number of returns</b> .....	49,751	52,656	54,970	56,035	57,338	56,307	57,818
Joint returns of husbands and wives.....	24,586	31,332	32,473	33,139	34,121	34,259	35,297
Separate returns of husbands and wives <sup>2</sup> .....	5,951	2,274	2,391	2,299	2,332	2,293	2,111
Returns of heads of household <sup>3</sup> .....	-----	-----	-----	686	841	1,087	953
Returns of surviving spouse <sup>4</sup> .....	-----	-----	-----	-----	-----	64	124
Returns of other single persons.....	19,214	19,049	20,108	19,912	20,043	18,605	19,332
<b>Adjusted gross income</b> .....	120,301	179,874	203,063	216,052	229,826	230,236	249,429
Joint returns of husbands and wives.....	68,727	134,679	153,021	163,695	175,312	177,281	193,624
Separate returns of husbands and wives <sup>2</sup> .....	21,731	6,178	6,623	6,432	6,653	6,215	6,185
Returns of heads of household <sup>3</sup> .....	-----	-----	-----	3,213	3,893	4,347	4,386
Returns of surviving spouse <sup>4</sup> .....	-----	-----	-----	-----	-----	270	454
Returns of other single persons.....	29,843	39,017	43,418	42,711	43,967	42,122	44,780

<sup>1</sup> Excludes 72,169 returns for 1951, 71,890 for 1952, and 73,287 for 1953, and adjusted gross income of \$34,453,000, \$34,962,000, and \$37,079,000, respectively, which were returns with adjusted gross income under \$600 and had only the self-employment tax.

<sup>2</sup> Includes separate community income returns.

<sup>3</sup> Created under the 1951 act; first classified for 1952.

<sup>4</sup> Created under the 1954 Code.

Source of tables 470 and 471: Treasury Department, Internal Revenue Service; *Statistics of Income*.

**No. 472.—INDIVIDUAL INCOME TAX RETURNS WITH INCOME—SOURCES OF INCOME,  
BY ADJUSTED GROSS INCOME CLASSES: 1955**

(In thousands of dollars. See headnote, table 468)

ADJUSTED GROSS INCOME CLASS	Salaries, wages, etc. <sup>1</sup>	Divi- dends <sup>2</sup>	Interest	RENTS AND ROYALTIES		BUSINESS AND PROFESSION <sup>3</sup>		PARTNERSHIP	
				Net profit	Net loss	Net profit	Net loss	Net profit	Net loss
<b>Total</b> -----	<b>200,580,472</b>	<b>7,819,949</b>	<b>2,555,609</b>	<b>3,660,430</b>	<b>509,487</b>	<b>20,566,259</b>	<b>1,297,251</b>	<b>9,530,872</b>	<b>330,305</b>
Under \$600-----	1,074,269	13,273	20,683	49,025	14,914	148,721	68,231	21,249	13,909
\$600 to \$999-----	1,970,417	35,254	49,508	99,395	7,832	303,410	44,820	39,528	11,305
\$1,000 to \$1,999-----	10,067,230	160,443	207,752	387,071	28,433	1,647,265	150,020	184,905	23,108
\$2,000 to \$2,999-----	17,768,737	204,988	204,268	328,750	41,409	2,054,085	143,398	352,439	24,330
\$3,000 to \$3,999-----	27,079,405	219,806	174,864	248,886	50,119	2,001,591	145,606	475,302	14,770
\$4,000 to \$4,999-----	32,783,655	225,344	196,226	275,861	51,982	1,801,998	115,721	516,311	17,138
\$5,000 to \$9,999-----	85,503,000	980,005	622,810	856,754	134,231	4,817,069	239,743	2,017,557	44,798
\$10,000 to \$14,999-----	12,313,204	745,815	282,214	370,803	43,826	2,430,150	61,992	1,261,849	31,769
\$15,000 to \$19,999-----	3,655,396	560,954	167,421	213,825	24,877	1,480,921	41,799	900,070	18,969
\$20,000 to \$29,999-----	3,233,092	829,549	201,029	207,144	24,458	1,783,714	58,779	1,206,705	20,012
\$30,000 to \$49,999-----	2,628,218	1,022,511	195,793	252,711	23,804	1,278,793	65,450	1,221,649	20,039
\$50,000 to \$99,999-----	1,680,933	1,128,788	135,470	179,863	22,723	594,886	59,674	864,953	26,609
\$100,000 to \$199,999-----	550,392	742,596	52,789	82,242	18,900	114,304	58,198	321,741	38,558
\$200,000 to \$499,999-----	167,679	471,294	23,153	26,598	10,951	22,151	24,436	108,622	14,005
\$500,000 to \$999,999-----	31,409	187,071	6,483	11,593	5,124	4,548	11,514	21,633	6,240
\$1,000,000 and over-----	7,836	286,158	6,146	9,939	5,844	4,653	7,861	16,359	4,746

ADJUSTED GROSS INCOME CLASS	SALES OF CAPITAL ASSETS		SALES OF PROP- ERTY OTHER THAN CAPITAL ASSETS		Annu- ities and pen- sions	ESTATES AND TRUSTS		Other sources <sup>4</sup>	Adjusted gross income
	Net gain	Net loss	Net gain	Net loss		Income	Loss		
<b>Total</b> -----	<b>5,024,200</b>	<b>357,641</b>	<b>93,616</b>	<b>121,497</b>	<b>869,562</b>	<b>565,036</b>	<b>13,360</b>	<b>792,714</b>	<b>219,429,182</b>
Under \$600-----	25,150	9,793	2,790	10,640	4,444	1,809	-----	8,790	1,261,713
\$600 to \$999-----	31,594	7,276	1,607	6,176	21,744	6,070	325	25,322	2,506,114
\$1,000 to \$1,999-----	129,465	31,110	5,082	8,681	175,892	20,223	003	82,510	12,828,888
\$2,000 to \$2,999-----	164,118	36,089	5,507	15,886	198,306	24,063	647	89,967	21,133,508
\$3,000 to \$3,999-----	150,465	37,339	7,697	11,906	114,256	20,753	1,101	78,139	30,320,415
\$4,000 to \$4,999-----	186,223	41,208	7,229	9,533	74,219	27,755	986	87,321	35,930,570
\$5,000 to \$9,999-----	737,695	101,162	28,844	21,741	144,041	104,773	2,844	207,573	95,542,198
\$10,000 to \$14,999-----	505,190	36,000	9,162	8,687	42,538	69,334	955	67,542	17,923,575
\$15,000 to \$19,999-----	315,266	19,183	4,814	5,984	21,292	48,916	1,207	34,408	7,300,263
\$20,000 to \$29,999-----	450,484	18,177	7,114	7,069	22,701	60,618	964	40,203	7,972,895
\$30,000 to \$49,999-----	545,813	12,581	5,483	5,851	24,612	59,790	1,035	36,224	7,142,830
\$50,000 to \$99,999-----	584,414	6,103	3,645	5,669	14,564	66,428	1,350	19,866	5,151,675
\$100,000 to \$199,999-----	434,503	1,315	1,000	1,922	6,838	28,680	858	10,054	2,225,327
\$200,000 to \$499,999-----	352,739	246	202	840	3,079	15,900	357	3,068	1,143,650
\$500,000 to \$999,999-----	172,962	39	197	813	664	4,849	84	407	417,978
\$1,000,000 and over-----	248,119	20	243	99	372	5,045	38	1,320	567,583

<sup>1</sup> Salaries after sick pay exclusion.

<sup>2</sup> Dividends after exclusions.

<sup>3</sup> Business profit and loss without deduction for net operating loss.

<sup>4</sup> Includes all income subject to income tax not elsewhere tabulated and \$12.4 million of wages, dividends, and interest not exceeding \$100 per return reported on Form 1040A, all of which was reduced by net operating loss deduction reported on Form 1040.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# NO. 473.—INDIVIDUAL INCOME TAX RETURNS WITH INCOME—SOURCES OF INCOME: 1945 to 1955

[Money figures in millions of dollars. See headnote, table 468. See also *Historical Statistics, 1789-1945*, series P 144, 146, and 147]

DISTRIBUTION	1945	1950	1952 <sup>1</sup>	1953 <sup>1</sup>	1954	1955
<b>Adjusted gross income</b> .....	120,301	179,874	216,052	229,826	230,236	249,429
Salaries, wages, commissions, etc. <sup>2</sup> .....	91,658	138,956	174,186	187,597	185,795	200,580
Dividends, domestic and foreign <sup>3</sup> .....	3,906	6,131	5,833	5,802	7,031	7,820
Interest.....		1,583	1,820	2,021	2,350	2,556
Rents and royalties:						
Net income.....	1,758	3,184	3,432	3,604	3,498	3,660
Net loss.....	176	281	382	456	402	509
<b>Business or profession:</b> <sup>4</sup>						
Net profit.....	12,572	16,847	18,157	18,617	19,219	20,566
Net loss.....	350	840	1,002	1,056	1,294	1,297
<b>Partnership:</b>						
Net profit.....	7,196	8,554	8,793	8,769	8,974	9,531
Net loss.....	87	224	241	266	260	330
<b>Sales of capital assets:</b>						
Net gain.....	2,276	3,181	2,759	2,472	3,614	5,024
Net loss.....	182	314	348	456	363	358
<b>Sales of property other than capital assets:</b>						
Net gain.....	64	101	103	60	105	94
Net loss.....	70	132	88	108	129	121
<b>Annuities and pensions</b> .....	195	430	582	670	799	870
<b>Estates and trusts:</b>						
Income.....	946	1,690	1,700	1,687	684	565
Loss.....					6	13
<b>Other sources</b> <sup>5</sup> .....	595	1,009	750	849	620	793
<b>Income tax after credits</b> .....	17,050	18,375	27,803	29,431	26,666	29,614
<b>Number of returns</b> .....	1,000	40,751	52,656	56,035	56,307	57,818

<sup>1</sup> See footnote 1, table 471.

<sup>2</sup> For 1954 and 1955, salaries after sick pay exclusion.

<sup>3</sup> For 1954 and 1955, dividends after exclusions.

<sup>4</sup> For 1945 and 1950 only, business profit or loss after net operating loss deduction.

<sup>5</sup> Comprises all income subject to income tax not elsewhere listed and includes wages not subject to income tax withholding, dividends, and interest not exceeding a total of \$100 per return reported on Form W-2 for 1945 and 1940A thereafter. However, for 1952-55, this income has been reduced by net operating loss deduction which is a component of adjusted gross income.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# NO. 474.—TAXABLE INDIVIDUAL INCOME TAX RETURNS—ANALYSIS, BY ADJUSTED GROSS INCOME CLASSES: 1955

[Money figures, except average tax per return, in thousands of dollars. See headnote, table 468]

ADJUSTED GROSS INCOME CLASS	Number of returns	Adjusted gross income	Amount of exemption <sup>1</sup>	Taxable income <sup>2</sup>	Income tax after credits	Average income tax	Effective tax rate percent <sup>3</sup>
<b>Total</b> .....	44,689,065	229,595,449	71,182,201	127,889,249	29,613,722	663	23.2
\$600 to \$999.....	1,437,846	1,200,421	862,708	211,417	42,172	29	19.9
\$1,000 to \$1,999.....	4,930,905	7,372,476	3,635,497	2,857,777	569,427	115	19.9
\$2,000 to \$2,999.....	6,280,041	15,824,478	7,047,348	6,779,283	1,345,509	214	19.8
\$3,000 to \$3,999.....	7,529,308	20,407,948	11,025,285	11,887,361	2,381,762	316	20.0
\$4,000 to \$4,999.....	7,619,205	34,203,187	13,971,301	15,568,001	3,129,354	411	20.1
\$5,000 to \$9,999.....	14,328,468	94,801,910	29,341,119	52,322,682	10,614,024	741	20.3
\$10,000 to \$14,999.....	1,517,076	17,908,955	3,081,763	12,510,790	2,692,340	1,775	21.5
\$15,000 to \$19,999.....	425,730	7,295,826	890,932	5,546,304	1,308,272	3,073	23.6
\$20,000 to \$24,999.....	330,599	7,964,897	705,389	6,371,023	1,707,019	5,163	26.8
\$25,000 to \$29,999.....	190,589	7,138,272	412,406	5,938,815	1,062,136	10,295	33.0
\$30,000 to \$39,999.....	77,563	5,149,111	164,503	4,344,889	1,852,467	23,883	42.6
\$40,000 to \$49,999.....	16,839	2,216,971	34,188	1,837,301	959,227	56,965	52.2
\$50,000 to \$59,999.....	4,009	1,140,318	8,061	926,044	549,179	136,987	59.3
\$60,000 to \$999,999.....	624	414,815	1,202	335,849	209,848	336,295	62.5
\$1,000,000 and over.....	263	550,864	499	452,713	290,986	1,106,411	64.3

<sup>1</sup> Exemption allowed for income tax purposes; includes the per capita exemption of \$600 for the taxpayer, his spouse on a joint return, and each dependent, together with additional exemptions for taxpayer, and his spouse on a joint return, of \$600 if blind and \$600 for age 65 or over.

<sup>2</sup> This is the income tax base for all taxable returns whether or not reported on the return.

<sup>3</sup> Income tax as percent of taxable income.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# No. 475.—INDIVIDUAL INCOME RETURNS AND TAXES, BY STATES AND OTHER AREAS: 1950, 1954, AND 1955

[Number of returns in thousands; money figures in millions of dollars. 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, and for 1955, the inclusion of returns with no adjusted gross income]

STATE OR OTHER AREA	1950			1954				1955			
	Number of returns	Ad-justed gross income	In-come tax after credits	Number of returns	Ad-justed gross income	In-come tax after credits	Self-employ-ment tax <sup>1</sup>	Number of returns	Ad-justed gross income	In-come tax after credits	Self-employ-ment tax <sup>1</sup>
<b>Total</b> .....	52, 665	180, 065	18, 390	56, 306	230, 401	26, 707	305	58, 252	248, 779	29, 654	463
<b>N. E.</b> .....	3, 787	12, 362	1, 281	3, 867	15, 028	1, 777	18	3, 923	16, 449	2, 042	21
Maine.....	320	847	65	337	1, 032	94	2	330	1, 029	99	2
N. H.....	210	578	49	216	751	75	1	221	797	83	1
Vt.....	126	353	27	129	395	34	1	133	406	41	1
Mass.....	1, 931	6, 309	650	1, 947	7, 554	861	8	1, 968	8, 286	1, 023	10
R. I.....	328	1, 055	109	318	1, 145	133	1	330	1, 305	166	2
Conn.....	870	3, 219	380	920	4, 331	580	5	941	4, 626	630	5
<b>M. A.</b> .....	12, 193	43, 705	4, 714	12, 604	54, 702	6, 681	72	12, 712	58, 090	7, 293	87
N. Y.....	6, 124	22, 978	2, 626	6, 348	28, 908	3, 643	40	6, 394	30, 428	3, 947	45
N. J.....	2, 008	7, 307	743	2, 140	9, 627	1, 166	12	2, 183	10, 304	1, 266	15
Pa.....	4, 060	13, 420	1, 344	4, 116	16, 167	1, 872	20	4, 135	17, 358	2, 080	27
<b>E. N. C.</b> .....	11, 887	42, 319	4, 402	12, 368	53, 888	6, 543	65	12, 806	58, 664	7, 254	100
Ohio.....	3, 066	10, 712	1, 088	3, 219	13, 985	1, 671	15	3, 425	15, 918	1, 979	24
Ind.....	1, 464	4, 817	450	1, 529	6, 103	684	9	1, 552	6, 593	775	13
Ill.....	3, 593	13, 469	1, 511	3, 664	16, 597	2, 132	20	3, 746	17, 271	2, 190	30
Mich.....	2, 477	9, 205	968	2, 691	12, 194	1, 524	13	2, 727	13, 402	1, 688	19
Wis.....	1, 280	4, 117	385	1, 325	5, 009	532	8	1, 356	5, 480	622	14
<b>W. N. C.</b> .....	4, 923	15, 320	1, 393	5, 158	18, 468	1, 953	29	5, 265	19, 221	2, 092	70
Minn.....	1, 076	3, 429	300	1, 109	4, 077	429	6	1, 138	4, 373	479	15
Iowa.....	938	2, 887	247	949	3, 276	325	6	968	3, 271	328	16
Mo.....	1, 346	4, 346	438	1, 443	5, 495	637	7	1, 466	5, 937	707	13
N. Dak.....	199	549	41	201	552	45	1	206	575	51	4
S. Dak.....	215	558	41	225	654	55	2	229	646	53	4
Nebr.....	479	1, 474	135	497	1, 606	176	3	506	1, 679	178	8
Kans.....	670	2, 076	191	734	2, 748	286	4	752	2, 740	296	10
<b>S. A.</b> .....	6, 224	19, 405	1, 800	6, 844	25, 125	2, 631	31	7, 209	27, 672	2, 983	46
Del.....	128	546	110	140	660	123	1	146	795	155	1
Md.....	1, 162	3, 817	368	1, 084	4, 531	511	4	1, 143	4, 929	504	6
D. C.....	374	1, 418	170	347	1, 475	198	1	343	1, 556	212	1
Va.....	957	2, 927	253	1, 106	4, 041	416	5	1, 152	4, 385	460	7
W. Va.....	600	1, 728	132	568	1, 910	185	2	573	2, 055	205	3
N. C.....	959	2, 750	219	1, 102	3, 592	305	5	1, 164	3, 985	351	9
S. C.....	453	1, 307	102	518	1, 697	141	2	543	1, 839	160	4
Ga.....	771	2, 308	192	886	3, 150	311	4	902	3, 520	355	6
Fla.....	822	2, 595	254	1, 093	4, 069	441	7	1, 183	4, 008	521	9
<b>E. S. C.</b> .....	2, 447	7, 150	604	2, 755	9, 411	893	13	2, 898	10, 100	991	23
Ky.....	715	2, 117	178	797	2, 773	279	4	833	2, 921	299	8
Tenn.....	805	2, 377	210	909	3, 116	297	4	947	3, 296	325	7
Ala.....	635	1, 836	148	713	2, 445	223	3	740	2, 679	265	4
Miss.....	292	820	67	336	1, 077	94	2	378	1, 204	102	4
<b>W. S. C.</b> .....	3, 826	12, 828	1, 339	4, 318	16, 711	1, 880	25	4, 503	17, 606	2, 005	40
Ark.....	344	949	74	391	1, 221	112	2	416	1, 312	114	5
La.....	638	2, 080	202	726	2, 800	302	4	754	3, 025	337	5
Okla.....	607	1, 925	181	664	2, 441	257	5	690	2, 573	269	7
Tex.....	2, 238	7, 874	883	2, 537	10, 249	1, 209	14	2, 643	10, 696	1, 285	23
<b>Mt.</b> .....	1, 656	5, 575	621	1, 876	7, 400	791	11	1, 994	7, 940	874	19
Mont.....	209	694	64	218	840	90	1	240	897	93	3
Idaho.....	191	580	45	200	751	68	2	208	730	70	3
Wyo.....	101	353	34	108	406	45	(3)	113	436	50	1
Colo.....	471	1, 609	160	522	2, 138	243	3	553	2, 225	261	5
N. Mex.....	179	621	58	212	804	83	1	225	891	96	2
Ariz.....	214	748	75	280	1, 133	122	2	301	1, 263	141	2
Utah.....	225	712	55	247	917	84	1	258	1, 042	100	2
Nev.....	66	257	32	89	411	56	1	96	456	63	1
<b>Pac.</b> .....	5, 542	20, 818	2, 281	6, 295	28, 714	3, 484	41	6, 639	31, 837	3, 989	55
Wash. A.....	911	3, 255	335	982	4, 263	500	6	966	4, 203	501	9
Oreg.....	553	2, 005	206	579	2, 428	271	5	593	2, 501	285	6
Calif.....	4, 078	15, 558	1, 740	4, 734	22, 023	2, 713	30	5, 090	25, 133	3, 203	40
<b>Noncontiguous</b> .....	180	584	55	218	774	75	1	364	1, 203	128	1
Alaska.....	.....	.....	.....	.....	.....	.....	.....	47	244	32	(3)
Hawaii.....	180	584	55	197	719	74	1	205	802	84	1
Puerto Rico.....	.....	.....	.....	21	55	1	.....	23	58	1	.....
Citizens with foreign addresses.....	.....	.....	.....	.....	.....	.....	.....	29	99	11	(3)

<sup>1</sup> See footnote 2, table 469.

<sup>2</sup> For 1950, includes Puerto Rico and Virgin Islands.

<sup>3</sup> Less than \$500,000.

<sup>4</sup> Alaska included with Washington, 1950 and 1954.

<sup>5</sup> Includes Virgin Islands; see also footnote 2.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 476.—CORPORATION INCOME TAX RETURNS—SUMMARY: 1935 TO 1955

[Money figures in millions of dollars. Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the 1939 Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Returns of inactive corporations are excluded from these tabulations, except as noted. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934-41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940-41, by Pan American trade corporations) and the restoration of this privilege in 1942. See source publications for effect of changes on statistical items. Beginning 1951, data are based on a probability sample. For other corporation data based on income tax returns, see pp. 491, 492, and 496. See also *Historical Statistics, 1789-1945*, Series P 152-164]

ITEM	1935	1940	1945	1950	1953	1954	1955
<b>ALL INCOME AND DECLARED VALUE EXCESS PROFITS TAX RETURNS</b>							
Number of returns (excluding inactive corporations).....	477, 113	473, 042	421, 125	629, 314	697, 975	722, 805	807, 303
Total compiled receipts <sup>1</sup> .....	114, 650	148, 237	255, 448	458, 130	558, 242	554, 822	642, 248
Net income less deficit <sup>2</sup> .....	1, 696	8, 919	21, 139	42, 613	39, 485	36, 328	47, 478
Total tax liability.....	735	<sup>3</sup> 2, 549	10, 795	17, 317	19, 869	16, 861	21, 741
Income tax.....	710	2, 144	4, 183	15, 929	18, 256	16, 823	21, 741
Declared value excess profits tax.....	25	31	55	-----	-----	-----	-----
Excess profits tax.....	-----	374	6, 557	1, 387	1, 613	38	-----
Dividends paid in cash and assets other than own stock.....	5, 941	6, 089	6, 081	11, 553	11, 601	11, 913	13, 592
<b>RETURNS WITH NET INCOME</b>							
Number of returns.....	164, 231	220, 977	303, 019	426, 283	441, 767	441, 177	513, 270
Total compiled receipts <sup>1</sup> .....	77, 639	125, 180	239, 046	430, 688	506, 450	484, 727	584, 975
Net income <sup>2</sup> .....	5, 165	11, 203	22, 165	44, 141	41, 819	39, 573	50, 329
Total tax liability.....	735	<sup>3</sup> 2, 549	10, 795	17, 317	19, 869	16, 861	21, 741
Income tax.....	710	2, 144	4, 183	15, 929	18, 256	16, 823	21, 741
Declared value excess profits tax.....	25	31	55	-----	-----	-----	-----
Excess profits tax.....	-----	374	6, 557	1, 387	1, 613	38	-----
Dividends paid in cash and assets other than own stock.....	4, 651	5, 888	5, 918	11, 455	11, 423	11, 501	13, 401
<b>RETURNS WITH NO NET INCOME</b>							
Number of returns.....	312, 882	252, 065	118, 106	203, 031	256, 208	281, 628	294, 033
Total compiled receipts <sup>1</sup> .....	37, 011	25, 056	16, 402	27, 442	51, 792	70, 095	57, 273
Deficit <sup>2</sup> .....	3, 469	2, 284	1, 026	1, 527	2, 335	3, 244	2, 851
Dividends paid in cash and assets other than own stock.....	1, 290	200	163	98	178	323	192
Inactive corporations, number of returns.....	56, 518	43, 741	33, 335	36, 678	32, 999	31, 214	34, 822
<b>RETURNS WITH EXCESS PROFITS TAX<sup>4</sup></b>							
Number of returns.....	-----	13, 440	52, 097	50, 301	26, 567	3, 724	-----
Excess profits net income.....	-----	2, 998	14, 165	25, 654	16, 437	-----	-----
Adjusted excess profits net income.....	-----	912	8, 368	8, 985	5, 835	-----	-----

<sup>1</sup> Total compiled receipts consist of gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Total compiled receipts exclude nontaxable income other than tax-exempt interest received on certain Government obligations.

<sup>2</sup> Net income (or deficit) for 1935, represents taxable income less allowable deductions; beginning 1940, amount shown is before deduction due to net operating loss of prior years. (For amounts of such deductions, see table 612, p. 492). Beginning 1940, dividends received on stock of domestic corporations are included in taxable income. For 1940 and later years, contributions or gifts are deductible in arriving at net income and are limited to 5 percent of net income before deduction.

<sup>3</sup> Includes defense tax.

<sup>4</sup> For tax reported, see above.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

No. 477.—CORPORATION INCOME TAX RETURNS—NUMBER OF RETURNS, TOTAL BY INDUSTRIAL

[Money figures in thousands of dollars. Data are estimated]

	INDUSTRIAL GROUP <sup>1</sup>	1954					
		Total number of returns <sup>2</sup>	Total compiled receipts <sup>2</sup>	Returns with net income			Total tax
				Number	Total compiled receipts <sup>3</sup>	Net income <sup>4</sup>	
1	All industrial groups.....	722, 805	554, 822, 450	441, 177	484, 727, 486	39, 572, 830	16,860,952
2	Agriculture, forestry, and fishery.....	8, 779	2, 272, 577	4, 741	1, 831, 616	176, 168	65, 769
3	Farms and agricultural services.....	7, 971	2, 181, 075	4, 428	1, 767, 272	163, 836	62, 904
4	Forestry.....	262	42, 858	160	41, 137	10, 674	3, 513
5	Fishery.....	546	48, 644	153	23, 207	1, 658	252
6	Mining and quarrying.....	9, 585	8, 550, 919	4, 248	6, 708, 513	946, 048	428, 714
7	Metal mining.....	1, 018	1, 438, 138	215	1, 231, 859	244, 166	111, 263
8	Anthracite mining.....	140	363, 203	57	111, 550	14, 364	1, 868
9	Bituminous coal and lignite mining.....	1, 424	1, 667, 895	462	1, 159, 895	46, 940	16, 948
10	Crude petroleum and natural gas prod.....	4, 852	3, 903, 312	2, 208	3, 100, 752	514, 172	240, 247
11	Nonmetallic mining and quarrying.....	2, 151	1, 178, 371	1, 306	1, 095, 457	126, 406	59, 388
12	Construction.....	36, 190	17, 490, 821	21, 411	14, 674, 881	633, 538	256, 865
13	General building contractors.....	10, 569	6, 241, 620	6, 307	5, 233, 374	183, 878	65, 356
14	General contractors other than bldg.....	5, 127	5, 076, 213	3, 298	4, 472, 354	253, 272	108, 828
15	General contractors not allocable.....	5, 389	101, 137	169	81, 386	4, 351	1, 602
16	Special trade contractors.....	18, 601	5, 927, 850	11, 168	4, 793, 202	205, 939	89, 944
17	Other construction.....	1, 414	144, 001	469	94, 565	6, 008	2, 135
18	Manufacturing.....	120, 896	268, 327, 923	74, 608	240, 028, 767	19, 653, 551	9, 482, 559
19	Beverages.....	2, 759	7, 394, 827	1, 717	6, 646, 212	378, 867	189, 029
20	Food and kindred products.....	10, 289	36, 723, 502	6, 553	30, 327, 098	1, 301, 554	638, 963
21	Tobacco manufactures.....	172	3, 683, 128	110	3, 625, 413	321, 699	106, 118
22	Textile-mill products.....	5, 270	11, 852, 694	3, 193	9, 298, 911	479, 034	226, 331
23	Apparel and products made from fabrics.....	13, 750	8, 906, 208	7, 000	7, 078, 063	210, 217	91, 142
24	Lumber and wood prod., exc. furniture.....	5, 684	5, 347, 975	3, 617	4, 764, 490	364, 341	137, 702
25	Furniture and fixtures.....	4, 698	3, 465, 924	2, 617	2, 873, 368	184, 576	86, 907
26	Paper and allied products.....	2, 737	8, 579, 191	2, 004	8, 126, 438	916, 440	453, 100
27	Printing, publ., and allied industries.....	14, 158	8, 867, 469	9, 454	7, 607, 786	630, 330	289, 592
28	Chemicals and allied products.....	7, 356	19, 100, 533	4, 588	17, 976, 928	2, 289, 153	1, 105, 108
29	Petroleum and coal products.....	715	28, 472, 263	432	27, 674, 777	1, 602, 847	656, 380
30	Rubber products.....	793	4, 625, 297	544	4, 450, 202	311, 606	154, 603
31	Leather and products.....	2, 520	3, 075, 182	1, 621	2, 629, 113	129, 672	60, 733
32	Stone, clay, and glass products.....	4, 284	6, 650, 551	2, 844	6, 311, 786	818, 585	405, 873
33	Primary metal industries.....	3, 241	19, 838, 003	2, 139	18, 467, 419	1, 618, 472	813, 524
34	Fabr. metal prod., exc. ordnance, mach'y, and transportation equip.....	11, 775	13, 798, 493	7, 497	12, 465, 646	970, 118	469, 387
35	Machinery, exc. transportation equip- ment and electrical.....	11, 716	21, 468, 783	7, 025	19, 532, 010	1, 882, 667	938, 722
36	Electrical machinery and equipment.....	3, 037	14, 444, 111	2, 439	13, 550, 706	1, 199, 092	599, 223
37	Transportation equip., exc. motor vehicles.....	1, 206	11, 191, 658	677	10, 856, 317	845, 849	331, 749
38	Motor vehicles and equip., exc. elec- trical.....	1, 149	20, 465, 366	688	16, 753, 390	2, 321, 402	1, 177, 537
39	Ordnance and accessories.....	88	469, 532	45	454, 267	47, 161	22, 136
40	Scientific instruments; photographic equipment; watches; clocks.....	2, 027	3, 891, 598	1, 205	3, 633, 479	433, 872	218, 645
41	Other manufacturing.....	10, 672	6, 015, 585	5, 999	4, 966, 930	329, 097	149, 965
42	Public utilities.....	29, 122	42, 361, 745	17, 436	37, 010, 426	4, 799, 853	2, 309, 201
43	Transportation.....	21, 456	22, 079, 136	12, 500	17, 020, 174	1, 233, 657	558, 682
44	Railroads, railway express.....	442	10, 727, 918	291	8, 982, 451	558, 495	259, 314
45	Urban, suburban, and interurban rwy's. (with or without buses).....	68	368, 529	43	166, 255	8, 306	3, 137
46	Trucking and warehousing.....	11, 192	4, 761, 512	7, 080	3, 750, 349	201, 088	83, 280
47	Other motor vehicle transportation, incl. taxicabs and buses.....	4, 755	1, 195, 218	2, 388	855, 275	59, 894	22, 952
48	Pipeline transportation.....	119	554, 709	79	498, 272	100, 030	50, 094
49	Water transportation.....	1, 662	1, 923, 337	942	1, 352, 681	106, 883	45, 150
50	Air transportation and allied services.....	641	1, 690, 102	234	1, 516, 487	136, 129	66, 178
51	Services incidental to transportation.....	2, 473	917, 468	1, 491	782, 092	64, 865	28, 927
52	Other transportation.....	104	21, 343	42	16, 312	1, 467	640
53	Communication.....	4, 433	8, 590, 810	2, 713	8, 426, 150	1, 340, 164	676, 750
54	Telephone (wire or radio).....	2, 644	7, 285, 563	1, 692	7, 248, 169	1, 209, 263	614, 292
55	Telegraph (wire and radio).....	6	273, 361	3	270, 923	11, 737	5, 846
56	Radio broadcasting and television.....	1, 707	1, 018, 388	962	903, 970	118, 916	56, 559
57	Other communication.....	76	3, 498	56	3, 388	248	63
58	Electric and gas utilities.....	1, 148	11, 457, 009	948	11, 319, 574	2, 087, 228	1, 052, 310
59	Electric light and power.....	554	7, 967, 157	489	7, 925, 289	1, 657, 683	841, 451
60	Gas production and distribution, exc. natural gas production.....	594	3, 489, 852	459	3, 394, 285	429, 545	210, 850
61	Other public utilities.....	2, 085	204, 790	1, 185	244, 528	48, 804	21, 449
62	Water supply.....	1, 679	198, 859	939	187, 998	39, 233	17, 730
63	Public utilities not elsewhere classified.....	406	65, 931	246	56, 542	9, 566	3, 719

For footnotes, see pp. 384 and 385.



## COMPILED RECEIPTS, NET INCOME OR DEFICIT, TOTAL TAX, AND DIVIDENDS PAID, GROUPS: 1954 AND 1955

from samples of returns. See headnote and footnotes, table 476]

1955										
Total number of returns <sup>2</sup>	Returns with net income					Returns with no net income				
	Number	Total compiled receipts <sup>3</sup>	Net income <sup>4</sup>	Total tax	Dividends paid <sup>5</sup>	Number	Total compiled receipts <sup>3</sup>	Deficit <sup>4</sup>	Dividends paid <sup>5</sup>	
807,303	513,270	584,975,387	50,328,887	21,740,890	13,400,660	294,033	57,272,649	2,850,616	191,772	1
10,303	5,543	2,125,028	184,972	67,968	45,090	4,760	460,970	61,741	603	2
9,421	5,161	2,047,272	173,052	63,787	43,547	4,260	426,732	58,229	476	3
327	143	44,413	10,174	3,751	1,287	184	3,091	251	68	4
555	239	33,343	1,746	430	256	316	30,247	3,261	59	5
10,718	5,145	7,971,916	1,335,346	607,001	765,843	5,573	1,838,814	255,037	18,708	6
1,342	181	1,650,742	461,936	207,255	227,205	1,161	223,403	88,355	807	7
181	67	94,648	16,785	2,708	10,138	114	207,519	13,182	923	8
1,602	823	1,701,953	87,035	30,418	40,353	769	326,534	19,992	956	9
5,096	2,444	3,222,945	610,869	292,166	433,500	2,652	957,692	122,173	15,331	10
2,507	1,030	1,295,028	158,721	74,454	54,647	877	123,666	11,335	691	11
41,569	25,246	16,472,036	653,006	253,670	81,065	16,323	3,566,347	175,168	4,597	12
13,111	7,416	5,935,944	164,306	63,225	15,270	5,695	1,386,977	62,693	2,929	13
5,969	4,029	4,846,584	206,931	107,384	45,820	1,940	800,714	46,930	663	14
489	186	90,109	4,568	1,804	1,063	303	39,822	2,567	85	15
20,489	12,904	5,430,222	208,907	78,422	18,797	7,585	1,276,697	59,073	906	16
1,511	711	169,177	8,294	2,835	115	800	62,137	3,905	14	17
129,828	85,838	288,244,880	26,978,873	13,014,764	6,770,210	43,990	18,218,713	968,420	54,820	18
3,062	1,950	6,079,297	430,127	209,074	113,893	1,112	649,790	23,504	1,169	19
11,343	7,489	35,204,192	1,500,090	759,063	376,873	3,854	3,009,814	77,544	2,708	20
154	120	3,851,087	384,284	198,160	104,499	34	27,492	1,916	19	21
5,699	3,672	11,808,545	699,366	325,057	166,165	2,027	1,954,731	116,565	8,117	22
14,383	8,634	8,506,302	271,495	114,763	30,560	5,749	1,570,379	60,983	1,403	23
6,322	4,292	6,106,857	541,978	202,016	94,459	2,030	557,325	29,632	2,947	24
5,068	3,371	3,785,632	260,293	125,206	37,890	1,697	425,512	21,281	466	25
3,251	2,505	9,605,725	1,164,185	563,756	259,733	746	411,539	25,773	779	26
14,800	10,332	9,245,873	852,172	393,003	158,114	4,468	771,204	47,026	1,082	27
7,975	5,169	21,145,996	3,053,182	1,462,269	964,860	2,806	731,004	49,039	8,137	28
754	563	31,766,398	2,067,024	835,020	1,119,556	191	339,681	14,072	1,542	29
845	663	5,743,641	458,363	226,141	101,556	182	112,312	4,478	125	30
2,760	1,874	3,112,679	163,427	76,482	33,091	886	316,908	12,988	162	31
4,535	3,222	7,720,232	1,183,867	591,897	244,768	1,313	285,922	15,336	1,687	32
3,395	2,602	25,427,598	2,941,893	1,471,787	641,437	793	828,212	46,994	1,430	33
12,492	8,639	14,577,914	1,222,555	586,410	235,971	3,853	1,205,403	71,898	2,767	34
12,701	8,253	21,615,912	2,234,421	1,104,979	447,143	4,448	1,620,046	125,784	9,893	35
4,800	2,706	14,758,462	1,253,611	621,979	366,183	1,594	326,943	63,671	5,492	36
1,391	814	11,396,715	898,291	455,988	183,691	577	357,133	20,161	2,380	37
1,826	920	26,224,744	4,364,281	2,228,379	903,588	406	1,087,479	56,655	356	38
99	54	318,192	36,195	18,468	8,347	45	15,207	2,038	-----	39
2,215	1,351	4,210,989	498,052	249,769	119,424	864	197,016	15,390	657	40
10,958	6,643	6,022,898	430,121	195,098	68,409	4,315	917,661	65,692	1,512	41
33,017	20,982	44,547,463	5,955,490	2,903,011	2,350,025	12,035	3,672,017	179,750	34,196	42
23,856	15,268	21,854,760	1,805,346	808,859	569,247	8,588	3,437,685	150,275	32,558	43
474	370	10,350,729	929,421	430,829	364,181	104	1,422,405	56,736	28,848	44
43	34	266,825	11,618	4,460	6,575	9	64,065	11,197	1,283	45
12,785	8,361	4,925,597	264,115	108,456	32,497	4,424	1,054,797	38,094	762	46
5,215	3,138	1,117,783	74,805	29,797	29,448	2,077	221,405	9,159	355	47
146	123	512,127	102,330	51,438	30,955	23	59,566	3,951	62	48
1,761	1,089	2,047,388	180,956	73,765	59,840	672	273,325	19,305	1,082	49
544	308	1,771,682	157,965	73,088	24,455	236	72,212	4,095	-----	50
2,772	1,786	836,409	80,446	35,458	19,884	986	268,231	7,688	166	51
116	59	26,160	3,690	1,568	1,412	57	1,679	50	-----	52
5,129	3,256	9,769,385	1,702,600	863,117	562,168	1,873	138,398	19,199	543	53
2,510	1,546	8,199,027	1,504,937	768,790	539,981	964	20,421	1,934	98	54
7	4	208,449	26,090	13,083	7,140	3	3,119	273	-----	55
2,438	1,613	1,265,598	169,690	80,503	14,991	825	114,035	16,729	445	56
174	93	6,311	1,883	741	56	81	823	263	-----	57
1,165	929	12,642,886	2,388,930	1,206,333	1,200,642	236	59,021	3,802	124	58
456	391	8,643,446	1,851,372	938,044	936,981	65	18,252	1,199	-----	59
709	538	3,999,440	537,458	268,289	263,661	171	40,769	2,603	124	60
2,867	1,529	280,432	58,714	24,702	17,968	1,338	36,913	6,474	971	61
2,199	1,182	219,280	52,155	22,021	16,688	1,017	22,777	4,339	971	62
668	347	61,152	6,559	2,681	1,280	321	14,136	2,135	-----	63

# No. 477.—CORPORATION INCOME TAX RETURNS—NUMBER OF RETURNS, TOTAL PAID, BY INDUSTRIAL

[Money figures in

INDUSTRIAL GROUP <sup>1</sup>		1954				Total tax	
		Total number of returns <sup>2</sup>	Total compiled receipts <sup>2</sup>	Returns with net income			
				Number <sup>3</sup>	Net income <sup>4</sup>		
1	Trade.....	238,523	173,303,172	143,432	147,772,449	4,356,658	1,892,842
2	Wholesale.....	77,064	83,339,453	50,788	71,725,007	1,793,448	759,848
3	Commission merchants.....	10,731	4,283,287	6,617	3,452,488	118,142	43,908
4	Other wholesalers.....	66,333	79,056,166	44,171	68,272,519	1,675,306	715,540
5	Food.....	9,160	16,313,731	5,982	13,637,288	199,483	83,305
6	Alcoholic beverages.....	2,177	4,468,041	1,426	4,018,165	60,616	26,204
7	Apparel and dry goods.....	5,283	4,272,279	3,095	3,369,906	79,038	30,452
8	Chemicals, paints, and drugs.....	3,316	3,793,922	2,135	3,536,762	140,017	60,648
9	Hardware, electrical goods, plumbing and heating equipment.....	7,350	9,080,013	5,186	8,064,397	218,831	96,433
10	Lumber, millwork, and construction materials.....	4,560	4,672,375	3,491	4,325,563	129,045	52,697
11	Machinery and equipment.....	6,719	5,426,784	4,632	4,824,641	176,827	76,326
12	Farm products (raw materials).....	3,169	6,919,877	2,321	6,017,419	99,145	42,828
13	Wholesalers not elsewhere classified.....	22,042	21,160,962	14,421	17,912,592	525,661	227,491
14	Wholesalers not allocable.....	2,557	2,948,182	1,482	2,565,776	46,643	19,156
15	Retail.....	139,953	81,237,630	80,003	68,498,994	2,329,795	1,040,519
16	Food.....	10,597	20,003,126	6,287	19,017,478	425,858	205,540
17	General merchandise.....	7,545	17,240,209	4,833	16,277,192	975,099	484,793
18	Department stores.....	2,640	13,498,188	2,044	12,900,614	797,067	397,297
19	Mail-order houses.....	670	490,812	265	302,573	11,603	5,349
20	Variety stores.....	908	2,475,652	489	2,432,714	147,452	75,210
21	Other general merchandise.....	3,327	775,557	2,035	641,291	18,977	6,937
22	Apparel and accessories.....	18,469	5,717,805	11,133	4,559,370	159,420	62,512
23	Furniture and house furnishings.....	13,186	3,841,981	7,495	2,496,502	89,839	32,516
24	Automotive dealers and filling stations.....	25,218	19,062,983	13,149	13,983,005	249,408	97,225
25	Automobiles and trucks.....	19,195	17,654,041	9,451	12,256,245	197,879	76,116
26	Parts, accessories, tires, batteries.....	2,819	892,586	1,740	740,548	23,795	9,532
27	Filling stations.....	3,204	1,116,356	1,958	986,212	27,734	11,577
28	Drug stores.....	5,916	1,727,014	3,975	1,498,558	48,360	19,702
29	Eating and drinking places.....	18,644	2,715,819	7,732	1,787,845	70,229	26,172
30	Building materials and hardware.....	15,992	4,988,308	10,433	4,169,649	155,171	56,618
31	Lumber and building materials.....	9,710	3,739,336	6,879	3,276,024	128,454	47,582
32	Hardware and farm equipment.....	6,282	1,248,972	3,554	893,625	26,717	9,036
33	Other retail trade.....	24,386	5,840,285	14,966	4,709,386	156,411	55,381
34	Liquor stores.....	3,059	476,173	1,920	364,489	7,169	2,066
35	Jewelry stores.....	3,010	596,055	1,803	466,881	25,498	9,622
36	Other retail stores.....	14,825	3,577,365	9,034	2,932,032	95,883	33,635
37	Retail trade not allocable.....	3,692	1,190,692	2,209	945,984	27,861	10,058
38	Trade not allocable.....	21,506	8,726,189	12,641	7,548,448	233,415	92,875
39	Finance, insurance, real estate, and lessors of real property.....	205,339	29,795,719	138,764	26,469,350	8,293,140	2,093,190
40	Finance.....	47,602	12,557,977	34,208	10,895,449	3,708,202	1,235,710
41	Banks and trust companies.....	14,680	7,273,259	13,792	7,015,934	2,090,115	877,742
42	Credit agencies other than banks.....	24,418	3,441,894	14,155	2,165,757	565,704	250,197
43	Holding and other investment companies.....	6,899	1,296,034	5,088	1,264,610	985,982	84,812
44	Security and commodity-exchange brokers and dealers.....	1,605	546,790	1,173	449,148	66,451	22,959
45	Insurance carriers and agents.....	12,890	11,240,756	9,572	10,783,053	3,486,380	489,229
46	Insurance carriers.....	3,004	10,416,658	2,638	10,091,179	3,404,070	460,395
47	Insurance agents and brokers.....	9,886	824,098	6,934	691,874	82,310	28,834
48	Real estate, except lessors of real property other than buildings.....	139,821	5,697,810	91,706	4,520,211	981,769	319,057
49	Lessors of real property, exc. buildings.....	5,026	299,176	3,278	270,637	116,789	50,194
50	Services.....	64,845	12,593,627	34,682	10,146,869	788,143	325,917
51	Hotels and other lodging places.....	7,474	1,847,902	3,620	1,396,336	106,269	43,411
52	Personal services.....	12,540	1,867,418	7,122	1,453,944	81,410	29,012
53	Business services.....	15,792	3,650,720	9,434	3,190,456	232,734	96,645
54	Automotive repair services and garages.....	6,151	668,506	3,493	483,566	34,199	11,734
55	Miscellaneous repair services, hand trades.....	3,587	472,168	1,704	283,137	13,605	4,991
56	Motion pictures.....	5,712	2,176,494	3,183	1,863,628	166,736	78,987
57	Amusement, except motion pictures.....	6,785	874,347	2,934	680,531	86,175	38,226
58	Other services, including schools.....	6,804	1,036,072	3,252	795,271	67,015	27,011
59	Nature of business not allocable.....	9,586	125,947	1,855	84,615	15,731	4,895

<sup>1</sup> See footnote 1, table 478.<sup>2</sup> Includes returns with net income and returns with no net income.<sup>3</sup> See footnote 1, table 476.

COMPILED RECEIPTS, NET INCOME OR DEFICIT, TOTAL TAX, AND DIVIDENDS  
GROUPS: 1954 AND 1955—Continued

thousands of dollars]

1955										
Total number of returns <sup>2</sup>	Returns with net income				Returns with no net income					
	Number	Total compiled receipts <sup>3</sup>	Net income <sup>4</sup>	Total tax	Dividends paid <sup>5</sup>	Number	Total compiled receipts <sup>3</sup>	Deficit <sup>4</sup>	Dividends paid <sup>5</sup>	
264,968	171,794	184,788,925	5,729,871	2,471,884	983,132	93,174	22,995,548	606,496	29,423	1
86,280	62,207	90,053,842	2,521,076	1,055,088	364,235	24,073	9,707,422	215,909	13,188	2
13,703	9,061	5,143,375	197,970	72,361	27,267	4,642	939,405	21,317	1,057	3
72,577	53,146	84,910,467	2,323,106	982,727	336,968	19,431	8,768,017	194,592	12,101	4
9,702	6,658	14,888,063	211,607	87,789	33,603	3,044	2,529,063	32,308	2,422	5
2,509	1,752	5,347,402	83,657	36,999	10,917	757	445,266	8,621	124	6
5,995	3,886	4,240,285	92,547	35,514	14,017	2,109	794,814	20,687	252	7
3,299	2,203	4,134,509	182,633	80,804	35,635	1,006	223,965	6,107	64	8
8,442	6,610	10,295,271	317,875	140,540	49,716	1,832	658,080	20,979	4,929	9
5,484	4,370	5,771,185	175,443	72,479	16,033	1,114	350,445	10,966	398	10
7,784	5,928	6,253,322	209,482	117,051	23,083	1,856	369,903	20,335	1,789	11
3,347	2,429	6,507,806	107,571	44,653	18,487	918	758,243	11,913	584	12
23,245	17,886	24,357,093	813,837	339,823	125,128	5,859	2,190,558	54,743	987	13
2,770	1,834	3,115,531	68,454	27,075	10,347	936	438,680	7,933	552	14
154,931	95,798	85,927,762	2,906,255	1,285,660	572,868	59,133	12,083,202	333,056	11,383	15
12,188	7,382	21,376,516	482,943	231,993	90,508	4,806	1,229,710	25,766	461	16
8,615	5,821	18,239,208	1,144,006	571,639	313,752	2,794	780,965	27,545	2,248	17
2,849	2,292	14,356,509	925,071	404,263	241,653	557	476,248	14,182	1,622	18
822	306	431,814	13,102	6,363	3,861	516	74,157	6,782	156	19
1,207	827	2,690,502	181,570	92,242	64,612	380	73,920	1,266	-----	20
3,737	2,396	760,443	24,317	8,771	3,626	1,341	156,640	5,315	470	21
19,583	12,070	5,468,678	207,503	80,590	34,863	7,513	1,079,577	46,493	923	22
14,535	9,196	3,276,866	119,337	42,164	11,937	5,339	825,375	34,154	473	23
27,739	17,621	22,529,942	399,504	155,884	44,814	10,118	5,101,772	84,770	4,465	24
21,165	13,291	20,623,390	329,052	127,868	37,409	7,874	4,802,176	73,706	3,418	25
2,885	2,034	1,079,552	43,463	17,917	5,600	851	130,264	5,806	-----	26
3,089	2,296	827,060	26,989	10,099	1,805	1,393	169,332	5,258	1,047	27
6,693	4,000	1,731,306	62,867	25,449	11,793	2,033	265,655	6,520	20	28
20,537	9,400	2,220,197	92,852	34,005	13,256	11,077	922,462	38,754	1,333	29
17,748	12,227	5,376,359	196,650	73,194	25,365	5,521	717,008	27,510	1,299	30
10,084	7,958	4,166,429	158,700	59,968	21,110	2,726	417,825	12,836	1,076	31
7,094	4,209	1,209,930	37,950	13,226	4,255	2,795	299,483	12,674	223	32
27,353	17,421	5,718,630	200,539	70,742	26,580	9,932	1,165,678	41,544	1,361	33
3,474	2,049	399,590	8,034	2,369	865	1,425	144,673	3,055	158	34
2,988	1,946	528,966	29,869	10,383	3,656	1,042	114,476	5,343	39	35
16,874	10,750	3,502,185	122,883	43,782	15,718	6,124	658,221	25,303	459	36
4,017	2,676	1,287,889	39,753	14,208	6,341	1,341	248,308	7,843	705	37
23,757	13,789	8,757,321	302,540	121,136	46,029	9,903	1,199,924	57,531	4,882	38
234,019	155,630	28,918,357	8,559,494	2,062,530	2,235,401	78,389	3,888,363	369,108	40,423	39
53,314	37,370	11,873,499	3,607,078	1,132,437	1,713,609	15,944	2,042,849	78,370	28,932	40
16,125	15,290	7,459,921	1,615,011	723,492	581,939	835	335,997	12,186	1,572	41
27,702	15,731	2,501,501	651,406	285,691	177,858	12,061	1,603,616	38,159	25,044	42
7,058	5,293	1,557,445	1,265,495	97,825	943,074	2,395	46,580	18,426	1,433	43
1,739	1,086	354,632	75,166	25,429	10,738	653	56,676	9,599	223	44
14,527	10,597	11,557,267	3,660,138	506,143	296,680	3,982	426,170	38,178	1,432	45
3,233	2,762	10,793,009	3,584,461	478,246	278,451	471	296,015	26,039	1,266	46
11,294	7,833	764,258	81,677	27,897	18,229	3,461	130,155	12,189	1,666	47
160,783	104,226	5,218,771	1,169,127	374,543	158,251	56,557	1,388,321	241,956	9,601	48
5,395	3,439	268,820	117,151	49,407	66,861	1,956	31,023	10,604	458	49
72,892	40,909	11,873,565	920,632	366,907	168,396	31,983	2,603,746	215,534	8,496	50
7,968	3,788	1,448,960	111,674	44,149	32,884	4,180	539,215	40,032	438	51
14,094	8,398	1,670,337	94,343	34,304	13,402	5,696	450,962	21,827	773	52
17,668	10,972	3,754,890	289,847	119,387	49,163	6,996	482,130	51,192	510	53
7,237	4,676	672,563	51,987	16,220	3,218	2,561	186,356	10,925	1,561	54
4,264	2,426	459,066	26,029	9,437	1,353	1,838	119,128	6,651	1,794	55
6,510	3,331	2,020,123	175,244	72,871	41,408	3,179	388,384	39,366	1,954	56
7,102	3,216	764,339	88,608	37,537	16,056	3,886	221,982	23,864	1,292	57
7,749	4,102	1,053,287	83,000	32,993	10,912	3,647	215,589	22,677	174	58
9,989	2,183	83,217	11,203	3,155	1,498	7,806	28,131	18,362	506	59

<sup>4</sup> See footnote 2, table 476. <sup>5</sup> Paid in cash and assets other than own stock.Source: Treasury Department, Internal Revenue Service: *Statistics of Income*.

# No. 478.—ACTIVE CORPORATION INCOME TAX RETURNS—TOTAL COMPILED RECEIPTS, NET INCOME OR DEFICIT, AND TOTAL TAX, BY INDUSTRIAL DIVISIONS: 1935 to 1955

[See headnote and footnotes, table 476]

ITEM	1935	1940	1945	1950	1954	1955
<b>All industrial divisions: <sup>1</sup></b>						
Total compiled receipts, all returns..... mil. dol.	114, 650	148, 237	255, 448	458, 130	554, 822	642, 248
Returns with net income..... number	164, 231	220, 977	303, 019	426, 283	441, 177	513, 270
Net income..... mil. dol.	5, 105	11, 203	22, 165	44, 141	39, 573	50, 320
Total tax..... do	735	2, 549	10, 795	17, 317	16, 801	21, 741
Returns with no net income..... number	312, 882	252, 065	118, 106	203, 031	281, 028	294, 033
Deficit..... mil. dol.	3, 409	2, 284	1, 026	1, 527	3, 244	2, 851
<b>Agriculture, forestry, and fishery: <sup>2</sup></b>						
Total compiled receipts, all returns..... mil. dol.	591	643	993	2, 131	2, 273	2, 586
Returns with net income..... number	2, 321	3, 213	3, 865	5, 039	4, 741	5, 543
Net income..... mil. dol.	44	49	150	321	176	185
Total tax..... do	6	10	64	103	66	68
Returns with no net income..... number	6, 734	5, 187	2, 287	3, 261	4, 038	4, 700
Deficit..... mil. dol.	40	32	16	26	54	62
<b>Mining and quarrying: <sup>3</sup></b>						
Total compiled receipts, all returns..... mil. dol.	2, 633	3, 264	3, 954	8, 609	8, 551	9, 811
Returns with net income..... number	4, 527	3, 956	3, 694	5, 032	4, 248	5, 145
Net income..... mil. dol.	163	315	300	1, 175	946	1, 335
Total tax..... do	23	68	118	447	429	607
Returns with no net income..... number	9, 188	6, 427	3, 602	4, 024	5, 337	5, 573
Deficit..... mil. dol.	174	109	57	85	205	255
<b>Construction: <sup>2</sup></b>						
Total compiled receipts, all returns..... mil. dol.	1, 496	2, 528	2, 948	11, 562	17, 491	20, 038
Returns with net income..... number	4, 242	6, 716	7, 811	17, 868	21, 411	25, 246
Net income..... mil. dol.	49	102	146	651	634	653
Total tax..... do	7	23	62	247	257	254
Returns with no net income..... number	11, 808	9, 033	4, 023	9, 826	14, 719	16, 323
Deficit..... mil. dol.	56	34	33	89	146	176
<b>Manufacturing: <sup>2</sup></b>						
Total compiled receipts, all returns..... mil. dol.	47, 947	66, 991	141, 284	220, 303	268, 328	306, 464
Returns with net income..... number	37, 976	47, 168	61, 680	79, 186	74, 608	85, 838
Net income..... mil. dol.	2, 483	5, 632	10, 577	24, 224	19, 654	26, 979
Total tax..... do	357	1, 553	6, 112	10, 637	9, 483	13, 015
Returns with no net income..... number	53, 700	38, 420	17, 432	36, 686	46, 288	43, 990
Deficit..... mil. dol.	666	325	326	502	1, 364	908
<b>Public utilities: <sup>3</sup></b>						
Total compiled receipts, all returns..... mil. dol.	11, 604	13, 710	22, 663	32, 137	42, 362	48, 219
Returns with net income..... number	10, 600	11, 479	12, 966	16, 452	17, 436	20, 982
Net income..... mil. dol.	927	1, 592	3, 134	4, 446	4, 710	5, 955
Total tax..... do	129	362	1, 548	1, 704	2, 309	2, 903
Returns with no net income..... number	14, 833	10, 574	6, 770	9, 825	11, 686	12, 035
Deficit..... mil. dol.	572	279	197	114	270	180
<b>Trade: <sup>2</sup></b>						
Total compiled receipts, all returns..... mil. dol.	37, 540	47, 216	66, 640	155, 103	173, 303	207, 734
Returns with net income..... number	57, 813	71, 766	97, 550	148, 655	143, 432	171, 794
Net income..... mil. dol.	767	1, 270	3, 439	6, 620	4, 357	5, 730
Total tax..... do	109	296	1, 902	2, 619	1, 893	2, 462
Returns with no net income..... number	87, 068	68, 083	23, 398	60, 684	95, 091	93, 174
Deficit..... mil. dol.	301	188	76	305	709	606
<b>Finance, insurance, real estate: <sup>2 3</sup></b>						
Total compiled receipts, all returns..... mil. dol.	9, 124	9, 913	10, 827	18, 575	20, 796	32, 807
Returns with net income..... number	33, 231	58, 988	90, 568	122, 742	138, 764	155, 030
Net income..... mil. dol.	603	2, 031	3, 756	5, 094	8, 293	8, 559
Total tax..... do	86	198	667	1, 256	2, 094	2, 063
Returns with no net income..... number	91, 702	83, 614	45, 005	49, 090	66, 575	78, 389
Deficit..... mil. dol.	1, 382	1, 163	262	274	289	369
<b>Services: <sup>2</sup></b>						
Total compiled receipts, all returns..... mil. dol.	3, 710	3, 846	5, 972	9, 593	12, 594	14, 477
Returns with net income..... number	13, 358	16, 091	22, 977	30, 164	34, 682	40, 900
Net income..... mil. dol.	127	203	649	693	788	921
Total tax..... do	18	39	317	241	326	397
Returns with no net income..... number	36, 289	25, 294	12, 130	25, 069	30, 163	31, 983
Deficit..... mil. dol.	269	95	47	121	197	217
<b>Nature of business not allocable:</b>						
Total compiled receipts, all returns..... mil. dol.	6	124	166	118	126	111
Returns with net income..... number	163	1, 600	1, 908	1, 145	1, 855	2, 183
Net income..... mil. dol.	1	9	15	17	16	11
Total tax..... do	( <sup>4</sup> )	2	5	5	5	3
Returns with no net income..... number	1, 560	5, 433	3, 459	4, 557	7, 731	7, 806
Deficit..... mil. dol.	9	58	11	10	11	18

<sup>1</sup> A corporation is classified industrially according to the business reported on the return. When diversified activities are reported, the classification is determined by the industry which accounts for the largest percentage of total receipts.

<sup>2</sup> For changes in classification affecting comparability of data, see *Statistics of Income*, Part 2, for 1938 and 1948.

<sup>3</sup> Includes lessors of real property. <sup>4</sup> Less than \$500,000.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 479.—FEDERAL GIFT TAX RETURNS—SUMMARY: 1949 TO 1953

[Money figures in thousands of dollars]

ITEM	1949	1950	1951	Total	1953					Non-taxable returns, no net gifts
					Taxable returns, net gift classes					
					Under \$50,000	\$50,000 to \$199,999	\$200,000 to \$599,999	\$600,000 to \$999,999	\$1,000,000 and over	
Number of returns <sup>1</sup> .....	31,547	39,056	41,703	44,695	7,451	828	147	13	25	36,231
<b>Total gifts</b> .....	<b>708,381</b>	<b>1,064,200</b>	<b>999,518</b>	<b>1,012,054</b>	<b>252,693</b>	<b>117,761</b>	<b>57,097</b>	<b>11,012</b>	<b>50,094</b>	<b>523,396</b>
Real estate.....	119,807	153,514	169,633	181,221	47,412	12,190	3,290	-----	115	118,214
Stocks and bonds.....	339,208	573,667	523,149	514,673	121,387	71,020	38,689	8,340	39,701	235,536
Cash.....	142,608	198,664	174,175	182,790	47,705	17,941	7,254	1,635	4,172	104,084
Insurance.....	9,277	8,729	7,552	8,096	2,974	920	375	8	-----	3,821
Miscellaneous.....	97,482	129,626	125,009	125,274	33,216	15,690	7,491	1,030	6,107	61,741
Gifts of taxpayer reported by spouse <sup>2</sup> .....	141,144	225,608	214,414	221,287	52,949	25,755	11,428	2,308	14,228	114,619
Gifts of spouse reported by taxpayer <sup>2</sup> .....	141,144	225,608	214,414	221,287	41,620	23,604	11,646	1,684	14,222	128,511
Exclusions <sup>3</sup> .....	190,694	243,033	258,170	275,529	55,724	9,271	2,320	192	406	207,616
Total gifts after exclusions.....	517,687	821,167	741,348	736,525	185,640	106,339	54,995	10,196	49,683	329,672
<b>Deductions</b> .....	<b>339,652</b>	<b>483,448</b>	<b>437,217</b>	<b>478,047</b>	<b>104,357</b>	<b>30,563</b>	<b>8,012</b>	<b>723</b>	<b>4,721</b>	<b>329,672</b>
Charitable gifts after exclusions.....	87,544	140,293	99,312	128,021	30,903	19,844	5,022	614	3,137	67,601
Marital deduction <sup>4</sup> .....	29,549	41,294	36,852	42,856	7,999	2,785	917	6	1,506	29,644
Specific exemption <sup>5</sup> .....	222,559	301,861	301,052	307,170	65,456	7,934	1,173	103	78	232,426
Net gifts.....	178,035	337,719	304,131	258,478	81,283	75,776	46,984	9,473	44,962	-----
Tax.....	36,087	77,605	67,426	55,528	9,344	14,864	11,347	2,604	17,369	-----

<sup>1</sup> A return is required of every citizen or resident who during the calendar year made gifts (or who is considered as having made gifts) to any one donee of more than \$3,000 in value or made gifts of future interests in property regardless of value. A nonresident alien is required to file a return if gifts consist of property situated in the U. S.

<sup>2</sup> By consent of both spouses who are citizens or residents, gifts of husband or wife to third party may be considered as made one-half by each.

<sup>3</sup> Exclusions are the first \$3,000 of gifts (other than gifts of future interests) made to any one donee during calendar year. In case of consent to divide gifts between husband and wife, each spouse is allowed an exclusion against his half of the gift to a common donee.

<sup>4</sup> Deduction allowed citizens or residents for gifts made to the donor's spouse.

<sup>5</sup> The specific exemption of \$30,000 less the sum of amounts allowed in prior years may be taken in one year or spread over a period of years, at option of donor. A nonresident alien donor is not entitled to this exemption.

## No. 480.—FEDERAL ESTATE TAX RETURNS—SUMMARY: 1949 TO 1955

[An estate tax return is required to be filed (1) for estate of every citizen and resident alien who died (a) in period Aug. 31, 1935, through Oct. 21, 1942, the value of whose gross estate exceeds \$40,000; and (b) on or after Oct. 22, 1942, value of whose gross estate exceeds \$60,000; and (2) for estate of every nonresident alien who died (a) prior to Oct. 22, 1942, any part of whose estate is situated in U. S., at date of death; and (b) on or after Oct. 22, 1942, only if gross estate situated in U. S., at date of death exceeds \$2,000. The estate of an individual who died in the period June 6, 1932, through Aug. 16, 1954, is subject to 2 Federal estate taxes—basic and additional. Basic tax is computed at rates provided by Revenue Act of 1926, which rates are embodied in Int. Rev. Code of 1939 as basic estate tax. Additional tax is excess of tentative tax computed at rates provided by act in force at date of death, over basic tax. Under the 1954 Code, basic and additional rates were combined into a single tax rate schedule, applying to taxable estate.]

FILING PERIOD <sup>1</sup>	RETURNS FILED		GROSS ESTATE (\$1,000)		NET TAXABLE ESTATE <sup>4</sup> (\$1,000)		TAX <sup>4</sup> (\$1,000)	
	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>
1940.....	15,435	1,441	2,632,659	15,540	1,479,268	13,916	250,360	1,196
1945.....	15,898	652	3,436,901	13,524	1,900,159	10,997	531,052	1,876
1947.....	20,899	1,108	4,224,210	27,198	2,319,310	21,872	621,966	4,389
1948.....	23,356	1,025	4,774,783	16,266	2,584,595	12,602	714,707	1,825
1949.....	24,552	1,352	4,933,215	24,511	2,106,827	19,356	567,421	3,407
1950.....	25,858	1,286	4,918,094	24,157	1,916,645	18,192	483,520	3,229
1951.....	27,958	1,044	5,504,961	20,666	2,188,878	16,052	577,401	3,081
1954.....	30,699	973	7,411,754	23,383	3,969,174	16,206	778,504	3,096
1955.....	36,595	970	7,467,443	22,803	2,990,810	15,948	778,342	2,913

<sup>1</sup> No data compiled for 1946, 1952, 1953, or 1956.

<sup>2</sup> Excludes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>3</sup> Includes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>4</sup> Net taxable estate is net estate for additional tax and regular net estate for returns filed under the 1926 and prior acts. Tax shown is total net estate tax liability—the sum of net basic tax and net additional tax—and includes defense tax (10 percent of net tax) effective only for estates of individuals who died in period June 26, 1940, through Sept. 20, 1941.

Source of tables 479 and 480: Treasury Department, Internal Revenue Service; *Statistics of Income*.

# No. 481.—ESTATE TAX RETURNS FOR ESTATES OF CITIZENS AND RESIDENT ALIENS, FILED DURING 1955

[Money figures in thousands of dollars. See also headnote, table 480]

ITEM	Total	Non-taxable	TAXABLE						Under 1942 and prior acts
			Under 1948 and subsequent acts, by net estate before specific exemption classes <sup>1</sup>						
			\$60,000 to \$99,999	\$100,000 to \$199,999	\$200,000 to \$599,999	\$600,000 to \$999,999	\$1,000,000 to \$4,999,999	\$5,000,000 and over	
Number of returns.....	36,595	11,452	12,657	7,781	3,754	487	400	22	42
<b>Total gross estate.....</b>	<b>7,467,443</b>	<b>1,080,197</b>	<b>1,444,707</b>	<b>1,527,150</b>	<b>1,656,455</b>	<b>499,241</b>	<b>961,766</b>	<b>294,095</b>	<b>3,832</b>
Real estate.....	1,559,672	363,249	436,740	367,410	255,136	51,934	69,599	13,959	1,645
Federal bonds.....	457,054	67,649	99,273	100,037	111,420	28,901	42,147	7,315	312
State and municipal bonds.....	201,013	4,654	6,248	12,564	44,040	29,429	76,078	27,996	4
Other bonds.....	81,885	7,093	12,125	19,071	24,842	7,958	10,471	317	38
Corporate stock.....	3,073,922	232,891	405,101	557,006	802,992	272,375	597,294	205,772	491
Cash.....	747,880	130,271	183,903	174,685	152,835	37,484	54,549	13,437	626
Mortgages and notes.....	274,575	46,079	66,116	85,306	59,270	14,441	22,022	1,147	194
Taxable insurance.....	468,498	122,604	115,465	104,733	85,778	18,176	20,838	776	128
Other property.....	602,944	105,737	119,046	126,338	120,142	38,543	68,768	23,376	394
<b>Total deductions.....</b>	<b>4,677,803</b>	<b>1,279,877</b>	<b>1,235,727</b>	<b>937,231</b>	<b>691,377</b>	<b>158,104</b>	<b>285,204</b>	<b>87,601</b>	<b>2,682</b>
Funeral and administrative expenses.....	307,920	45,172	63,391	68,226	68,917	18,063	31,683	12,309	159
Debts and mortgages.....	382,648	105,367	74,149	75,679	65,386	20,022	33,968	7,879	198
Support of dependents <sup>2</sup> .....	149	53	20	59	3	—	—	—	14
Net losses during administration.....	559	108	170	71	44	102	31	33	—
Marital deduction <sup>3</sup> .....	1,371,730	348,603	279,752	267,649	254,067	71,461	102,238	47,960	—
Charitable bequests.....	397,835	90,440	55,176	53,465	71,077	17,545	92,021	18,100	11
Specific exemption <sup>4</sup> .....	2,195,460	687,100	759,420	466,800	225,240	29,220	24,000	1,320	2,300
Net deduction for property previously taxed <sup>5</sup> .....	21,502	3,034	3,649	5,222	6,643	1,691	1,263	—	—
Disallowed deductions <sup>6</sup> .....	2,753	1,263	567	426	359	138	—	—	—
Allowable deductions.....	4,675,050	1,278,614	1,235,160	936,805	691,018	157,966	285,204	87,601	2,682
<b>Net estate:</b>									
Before specific exemption <sup>7</sup> .....	4,987,853	488,683	968,967	1,057,205	1,190,677	370,495	700,562	207,814	3,450
For basic tax <sup>8</sup> .....	1,765,998	—	407	192,660	622,894	253,382	532,659	163,721	275
For additional tax <sup>9</sup> .....	2,990,810	—	209,547	590,345	965,437	341,275	676,562	206,494	1,150
<b>Gross tax before credits.....</b>	<b>872,471</b>	—	18,412	110,470	258,003	105,448	254,529	125,459	150
Basic tax.....	85,437	—	4	2,298	15,975	10,147	34,671	22,337	5
Additional tax <sup>10</sup> .....	787,034	—	18,408	108,172	242,028	95,301	219,858	103,122	145
<b>Tax credits:</b>									
State inheritance taxes.....	86,249	—	5	2,686	16,557	10,185	34,160	22,652	4
Federal gift taxes.....	1,353	—	19	275	670	262	127	—	—
Prior transfers <sup>11</sup> .....	2,646	—	67	530	1,109	218	280	442	—
Foreign death duties.....	3,881	—	21	194	550	386	531	2,199	—
<b>Net estate tax.....</b>	<b>778,342</b>	—	18,300	106,785	239,117	94,397	219,431	100,166	146

<sup>1</sup> Classes are based on the sum of net estate and specific exemption (see note 4), net estate and exemption for additional tax being used if the estate was subject to both basic and additional taxes (1932 act until the 1954 Code).

<sup>2</sup> Allowed estates filed under acts prior to the 1950 act.

<sup>3</sup> Allowed estates subject to the 1948 and later acts.

<sup>4</sup> Specific exemption is \$60,000 under the 1954 Code; and \$60,000 for additional tax under the 1948, and 1942 acts, \$40,000 under the 1941, 1940, and 1935 acts. (No returns filed under earlier acts.)

<sup>5</sup> Allowed estates subject to acts prior to the 1954 Code.

<sup>6</sup> Disallowed amount of funeral and administrative expenses, debts, mortgages and liens, and support of dependents in excess of property subject to claims includable in gross estate, on estates filed under the 1942 and later acts.

<sup>7</sup> Excess of gross estate over allowable deductions exclusive of specific exemption.

<sup>8</sup> Net estate after the exemption of \$100,000 allowed for basic tax, prior to the 1954 Code.

<sup>9</sup> Includes taxable estate for returns filed under the 1954 Code.

<sup>10</sup> Includes gross tax for estates taxed under the 1954 Code.

<sup>11</sup> New tax credit for estates subject to the 1954 Code.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 482.—PUBLIC AND PRIVATE DEBT: 1930 TO 1957

[In billions of dollars. Data as of end of calendar year except State and local government debt as of June 30.  
See text, p. 362]

YEAR	Public and private, total	PUBLIC			PRIVATE						
		Total	Federal <sup>1</sup>	State and local	Total	Corporate		Individuals and noncorporate			
						Long-term	Short-term	Mortgage		Nonmortgage	
								Farm	Non-farm <sup>2</sup>	Farm <sup>3</sup>	Non-farm <sup>4</sup>
GROSS DEBT											
1930-----	214.3	35.8	17.3	18.5	178.5	61.1	46.3	9.4	32.0	2.4	27.3
1935-----	200.2	61.0	41.7	19.3	139.2	52.0	37.8	7.4	24.7	1.5	15.7
1940-----	215.8	73.8	53.6	20.2	142.0	51.2	37.7	6.5	26.0	2.6	17.9
1941-----	242.3	89.2	69.0	20.2	153.1	51.2	46.3	6.4	27.2	2.9	19.2
1942-----	299.1	142.9	123.2	19.7	156.2	50.2	56.2	6.0	26.8	3.0	14.1
1943-----	364.5	205.4	186.7	18.7	159.1	48.4	62.0	5.4	26.2	2.8	14.4
1944-----	430.9	271.2	253.7	17.5	159.7	47.0	62.0	4.9	26.1	2.8	16.9
1945-----	463.3	309.2	292.6	16.6	154.1	45.3	54.2	4.8	27.0	2.5	20.4
1946-----	457.9	288.0	272.1	15.9	169.9	48.4	60.9	4.9	32.5	2.7	20.5
1947-----	485.6	286.6	269.8	16.8	199.0	55.0	73.2	5.1	38.7	3.5	23.6
1948-----	498.6	276.7	258.0	18.7	221.9	62.8	76.0	5.3	45.1	5.5	27.3
1949-----	520.3	287.0	266.1	20.9	233.3	67.7	71.8	5.6	50.6	6.4	31.2
1950-----	566.4	290.6	266.4	24.2	275.8	72.2	94.9	6.1	59.4	6.2	37.2
1951-----	607.5	297.2	270.2	27.0	310.3	79.9	110.8	6.6	67.4	7.0	38.8
1952-----	646.0	308.9	279.3	29.6	337.1	88.0	113.5	7.2	75.2	8.0	45.2
1953-----	683.7	322.0	289.3	32.7	361.7	93.9	117.6	7.8	83.8	9.2	49.6
1954-----	714.0	332.3	294.4	37.9	381.7	99.5	116.8	8.3	94.7	9.3	53.1
1955-----	786.2	345.0	301.8	43.2	441.2	108.1	142.9	9.1	108.8	9.7	62.6
1956-----	821.8	348.5	300.5	48.0	473.3	117.1	148.7	9.9	121.2	9.6	66.8
1957-----	852.7	354.2	301.7	52.5	498.5	127.5	149.1	10.5	131.7	9.8	70.0
NET DEBT											
1930-----	191.0	30.6	16.5	14.1	160.4	51.1	38.2	9.4	32.0	2.4	27.3
1935-----	174.7	60.5	34.4	16.0	124.2	43.6	31.2	7.4	24.7	1.5	15.7
1940-----	189.9	61.3	44.8	16.5	128.6	43.7	31.9	6.5	26.0	2.6	17.9
1941-----	211.6	72.6	56.3	16.3	139.0	43.6	39.8	6.4	27.2	2.9	19.2
1942-----	259.0	117.5	101.7	15.8	141.5	42.7	49.0	6.0	26.8	3.0	14.1
1943-----	313.6	169.3	154.4	14.9	144.3	41.0	54.5	5.4	26.2	2.8	14.4
1944-----	370.8	226.0	211.9	14.1	144.8	39.8	54.3	4.9	26.1	2.8	16.9
1945-----	406.3	266.4	252.7	13.7	139.9	38.3	47.0	4.8	27.0	2.5	20.4
1946-----	397.4	243.3	229.7	13.6	154.1	41.3	52.2	4.9	32.5	2.7	20.5
1947-----	417.4	237.7	223.3	14.4	179.7	46.1	62.8	5.1	38.7	3.5	23.6
1948-----	433.6	232.7	216.5	16.2	200.9	52.5	65.3	5.3	45.1	5.5	27.3
1949-----	448.4	236.7	218.6	18.1	211.7	56.5	61.5	5.6	50.6	6.4	31.2
1950-----	490.3	239.4	218.7	20.7	250.9	60.1	81.9	6.1	59.4	6.2	37.2
1951-----	524.0	241.8	218.5	23.3	282.2	66.6	95.9	6.6	67.4	7.0	38.8
1952-----	555.2	248.7	222.9	25.8	306.5	73.3	97.7	7.2	75.2	8.0	45.2
1953-----	586.4	256.7	228.1	28.6	329.7	78.3	101.2	7.8	83.8	9.2	49.6
1954-----	611.8	263.6	230.2	33.4	348.2	82.9	100.0	8.3	94.7	9.3	53.1
1955-----	672.2	269.9	231.5	38.4	402.3	90.0	122.2	9.1	108.8	9.7	62.6
1956-----	699.8	268.1	225.4	42.7	431.7	97.4	126.7	9.9	121.2	9.6	66.8
1957-----	725.8	271.1	224.4	46.7	454.7	106.0	126.8	10.5	131.7	9.8	70.0

<sup>1</sup> Includes categories of debt not subject to statutory debt limit.

<sup>2</sup> Noncorporate borrowers only.

<sup>3</sup> Comprises non-real-estate farm debt contracted for productive purposes and owed to institutional lenders (includes C. C. loans).

<sup>4</sup> Comprises debt incurred for commercial (nonfarm), financial and consumer purposes, including debt owed by farmers for financial and consumer purposes.

Source: Department of Commerce, Office of Business Economics (based on data from various governmental agencies); *Survey of Current Business*, September 1953 and May 1958.

## No. 483.—PUBLIC DEBT OF THE UNITED STATES: 1900 TO 1957

[Money figures in millions of dollars except per capita. As of June 30. On basis of public debt accounts prior to 1920 and on basis of daily Treasury statements for 1920 through 1952. Beginning with 1953 on basis of *Monthly Statement of Receipts and Expenditures of the U. S. Government*. See also *Historical Statistics, 1789-1945*, series P 132-143]

YEAR	GROSS DEBT			INTEREST PAID		YEAR	GROSS DEBT			INTEREST PAID	
	Total amount	Per capita <sup>1</sup>	Interest bearing <sup>2</sup>	Total	Percent of Federal expenditures		Total amount	Per capita <sup>1</sup>	Interest bearing <sup>2</sup>	Total	Percent of Federal expenditures
1900.....	1,263	\$16.60	1,023	40	7.7	1933.....	22,539	\$179.48	22,158	689	14.9
1905.....	1,132	13.51	895	25	4.3	1934.....	27,053	214.07	26,440	757	11.3
1910.....	1,147	12.41	913	21	3.1	1935.....	28,701	225.55	27,645	821	12.6
1911.....	1,154	12.20	915	21	3.1	1936.....	33,779	263.79	32,989	749	8.8
1912.....	1,194	12.52	964	23	3.3	1937.....	36,425	282.75	35,800	866	11.2
1913.....	1,193	12.27	966	23	3.2	1938.....	37,165	286.27	36,576	926	13.6
1914.....	1,188	11.99	968	23	3.1	1939.....	40,440	308.98	39,886	941	10.6
1915.....	1,191	11.85	970	23	3.0	1940.....	42,968	325.23	42,376	1,041	11.5
1916.....	1,225	12.02	972	23	3.1	1941.....	48,961	367.09	48,387	1,111	8.4
1917.....	2,976	28.77	2,713	25	1.3	1942.....	72,422	537.13	71,968	1,260	3.7
1918.....	12,244	117.11	11,986	190	1.5	1943.....	136,696	999.83	135,380	1,808	2.3
1919.....	25,482	242.54	25,234	619	3.3	1944.....	201,003	1,452.44	199,543	2,609	2.7
1920.....	24,299	228.23	24,063	1,020	15.9	1945.....	258,682	1,848.60	256,357	3,617	3.7
1921.....	23,977	220.91	23,739	999	19.5	1946.....	269,422	1,905.42	268,111	4,722	7.8
1922.....	22,963	208.65	22,710	991	29.4	1947.....	258,286	1,792.05	255,113	4,958	12.7
1923.....	22,360	199.64	22,007	1,056	32.0	1948.....	252,292	1,720.71	250,063	5,211	15.8
1924.....	21,251	186.23	20,981	941	30.9	1949.....	252,770	1,694.75	250,762	5,339	13.5
1925.....	20,516	177.12	20,211	882	28.8	1950.....	257,357	1,696.68	255,209	5,750	14.5
1926.....	19,643	167.32	19,384	832	26.9	1951.....	255,222	1,653.42	252,852	5,613	12.7
1927.....	18,512	155.61	18,253	787	26.5	1952.....	259,105	1,650.06	256,863	5,859	9.0
1928.....	17,604	146.07	17,318	732	23.6	1953.....	266,071	1,666.74	263,946	6,504	8.8
1929.....	16,931	139.04	16,639	678	20.6	1954.....	271,263	1,670.14	268,910	6,382	9.4
1930.....	16,185	131.51	15,922	659	19.2	1955.....	274,374	1,660.16	271,741	6,370	9.9
1931.....	16,801	135.45	16,520	612	17.1	1956.....	272,751	1,621.84	269,883	6,787	10.2
1932.....	19,487	156.10	19,161	599	12.9	1957.....	270,527	1,579.91	268,486	7,244	10.4

## INTEREST-BEARING DEBT

YEAR	Total	Public issues									Special issues
		Marketable					Nonmarketable				
		Bills	Certifi- cates	Notes	Treas- ury bonds <sup>3</sup>	Other bonds <sup>4</sup>	U. S. sav- ings bonds	Treas- ury sav- ings notes	Treas- ury bonds, invest- ment series	Other bonds <sup>5</sup>	
1940.....	42,376	1,302	-----	6,383	26,555	196	2,905	-----	-----	261	4,775
1945.....	256,357	17,041	34,136	23,497	106,449	196	45,586	10,136	-----	505	18,812
1946.....	268,111	17,039	34,804	18,261	119,323	180	49,035	6,711	-----	427	22,332
1947.....	255,113	15,775	25,296	8,142	119,322	166	51,367	5,560	-----	2,118	27,366
1948.....	250,063	13,757	22,588	11,375	112,462	164	53,274	4,394	-----	879	30,211
1949.....	250,762	11,536	29,427	3,596	110,425	162	56,260	4,860	-----	954	32,776
1950.....	255,209	13,533	18,418	20,404	102,795	160	57,536	8,472	-----	954	32,356
1951.....	252,852	13,614	9,509	35,806	78,833	156	57,572	7,818	14,526	366	34,653
1952.....	256,863	17,210	28,423	18,963	75,650	142	57,685	6,612	14,046	373	37,739
1953.....	263,946	19,707	15,854	30,425	81,225	124	57,886	4,453	13,288	447	40,538
1954.....	268,910	19,515	18,405	31,960	80,378	96	58,061	5,079	12,775	411	42,229
1955.....	271,741	19,514	13,836	40,729	81,057	71	58,365	1,913	12,589	417	43,250
1956.....	269,883	20,808	16,303	35,952	81,840	50	57,497	-----	12,009	310	45,114
1957.....	268,486	23,420	20,473	30,973	80,789	50	54,622	-----	11,135	196	46,827

<sup>1</sup> Based on estimated population for continental U. S. as of July 1 of each year.

<sup>2</sup> Excludes bonds issued to Pacific railways and Navy pension fund.

<sup>3</sup> Bank eligible bonds and beginning 1942 also includes bank restricted bonds.

<sup>4</sup> Comprises postal savings and Panama Canal bonds, and also conversion bonds prior to 1947.

<sup>5</sup> Comprises depositary bonds, and adjusted service bonds until they matured on June 15, 1945. Also includes Armed Forces leave bonds for 1947-51.

Source: Treasury Department; *Annual Report of the Secretary*, Statement of the Public Debt published in *Daily Statement of the U. S. Treasury*, and *Treasury Bulletin*.



### No. 484.—OWNERSHIP IN PAR VALUE OF U. S. GOVERNMENT SECURITIES (DIRECT AND FULLY GUARANTEED): 1940 TO 1957

[In millions of dollars. As of December 31. Holdings of Federal Reserve Banks and U. S. Government agencies and trust funds are reported figures; holdings of other investor groups are estimates by Treasury Department]

ITEM	1940	1945	1950	1955	1956	1957
AMOUNT						
Gross debt, total <sup>1</sup>	50,942	278,682	256,731	280,822	276,731	275,002
U. S. Government agencies and trust funds: <sup>2</sup>						
Special issues.....	5,370	20,000	33,707	43,926	45,639	45,799
Public issues.....	2,260	7,048	5,490	7,805	8,398	9,434
Held by the public.....	43,312	251,634	217,533	229,091	222,694	219,769
Federal Reserve Banks.....	2,184	24,202	20,778	24,785	24,915	24,238
Commercial banks <sup>3</sup> .....	17,300	90,800	61,800	62,000	59,300	58,700
Mutual savings banks.....	3,200	10,700	10,900	8,500	8,000	7,500
Insurance companies.....	6,900	24,000	18,700	14,300	12,800	12,000
Other corporations.....	2,000	22,200	19,700	23,300	18,600	16,500
State and local governments.....	500	6,500	8,800	15,100	16,100	17,300
Individuals:						
Savings bonds <sup>4</sup> .....	2,800	42,900	40,600	50,200	50,100	48,300
Other securities.....	7,800	21,200	16,700	15,300	17,000	19,300
Miscellaneous investors <sup>5</sup> .....	700	0,100	10,500	15,600	15,900	16,000
PERCENT						
U. S. Government agencies and trust funds <sup>2</sup> .....	15.0	9.7	15.3	18.4	19.5	20.1
Banks.....	44.5	45.1	36.4	33.9	33.3	32.9
Federal Reserve.....	4.3	8.7	8.1	8.8	9.0	8.8
Commercial <sup>3</sup> .....	34.0	32.6	24.1	22.1	21.4	21.3
Mutual savings.....	6.3	3.8	4.2	3.0	2.9	2.7
Private nonbank investors.....	40.6	45.2	48.3	47.6	47.2	47.0
Insurance companies.....	13.5	8.6	7.3	5.1	4.6	4.4
Other corporations.....	3.0	8.0	7.7	8.3	6.7	6.0
Individuals.....	20.8	23.0	25.8	23.3	24.2	24.6
Other.....	2.4	5.6	7.5	10.9	11.6	12.0

<sup>1</sup> Includes all securities issued or guaranteed by U. S. Government, but excludes guaranteed securities held by the Treasury.

<sup>2</sup> Includes Postal Savings System.

<sup>3</sup> Includes holdings by banks in Territories and insular possessions, which amounted to \$300,000,000 (0.5 percent) on June 30, 1957.

<sup>4</sup> U. S. savings bonds, Series A-F and J, included at current redemption value.

<sup>5</sup> Comprises savings and loan associations, dealers and brokers, foreign accounts, corporate pension funds, and nonprofit institutions.

Source: Treasury Department; *Treasury Bulletin*.

### No. 485.—MARKETABLE INTEREST-BEARING PUBLIC DEBT AND GUARANTEED OBLIGATIONS, BY MATURITY PERIOD: 1950 TO 1957

[In millions of dollars. As of June 30. On basis of *Daily Treasury Statement*. Excludes guaranteed obligations held by the Treasury]

DUE OR FIRST BECOMING CALLABLE	1950		1954		1955		1956		1957	
	Amount out-standing	Per-cent	Amount out-standing	Per-cent	Amount out-standing	Per-cent	Amount out-standing	Per-cent	Amount out-standing	Per-cent
Total.....	155,325	100.0	150,435	100.0	155,250	100.0	155,026	100.0	155,811	100.0
Within 1 year.....	42,448	27.3	63,291	42.1	51,152	32.9	64,910	41.9	76,697	49.2
1 to 5 years.....	51,802	33.4	38,407	25.5	46,399	29.9	36,942	23.8	41,497	26.6
5 to 10 years.....	15,026	10.3	27,113	18.0	42,755	27.5	40,863	26.0	26,673	17.1
10 to 15 years.....	10,281	12.4	19,937	13.3	11,371	7.3	8,387	5.4	6,488	4.2
15 to 20 years.....	25,853	16.6								
Over 20 years.....			1,606	1.1	3,530	2.3	4,351	2.8	4,349	2.8
Various (Federal Housing Adm. debentures) <sup>1</sup> .....	16	( <sup>2</sup> )	80	0.1	43	( <sup>2</sup> )	73	( <sup>2</sup> )	106	0.1

<sup>1</sup> The only public marketable guaranteed obligations outstanding. <sup>2</sup> Less than 0.05 percent.

Source: Treasury Department *Annual Report of the Secretary*.

### No. 486.—INTEREST-BEARING GOVERNMENTAL SECURITIES OUTSTANDING, BY TAX STATUS AND ISSUER: 1935 TO 1957

[In millions of dollars. As of June 30. U. S. Govt. data on basis of *Daily Treasury Statement*. Figures represent par values except in the case of data which include U. S. savings bonds, Series A to F and J, which are included on basis of current redemption values]

YEAR	Total out- stand- ing	TAX STATUS				ISSUER				
		Tax-exempt			Tax- able <sup>3</sup>	U. S. Govt. special issues	U. S. Govt.	Federal instrumen- talities		State, local, and territorial govern- ments <sup>6</sup>
		Total	Whol- ly <sup>1</sup>	Parti- ally <sup>2</sup>				Guaran- teed <sup>4</sup>	Non- guaran- teed <sup>5</sup>	
1935-----	53,283	52,650	34,446	18,204	-----	633	27,645	4,123	2,399	19,116
1940-----	70,117	65,327	30,240	35,087	15	4,775	42,376	5,498	2,199	20,044
1945-----	274,191	42,847	17,191	25,656	212,532	18,812	256,357	409	1,008	16,417
1946-----	285,407	37,250	15,916	21,335	225,824	22,332	268,111	467	1,093	15,736
1947-----	272,274	37,685	16,746	20,939	207,222	27,366	255,197	( <sup>7</sup> )	497	16,580
1948-----	269,358	36,389	18,563	17,826	202,758	30,211	250,132	( <sup>7</sup> )	827	18,399
1949-----	272,199	36,887	20,700	16,187	202,536	32,776	250,785	( <sup>7</sup> )	876	20,538
1950-----	279,776	36,841	23,904	12,877	210,579	32,356	255,226	( <sup>7</sup> )	746	23,804
1951-----	280,887	36,120	26,844	9,276	210,114	34,653	252,879	( <sup>7</sup> )	1,320	26,688
1952-----	287,344	36,761	29,359	7,402	212,843	37,739	256,907	( <sup>7</sup> )	1,220	29,217
1953-----	297,407	39,070	32,392	6,678	217,799	40,538	263,997	( <sup>7</sup> )	1,142	32,268
1954-----	307,343	43,486	37,489	5,997	221,628	42,229	268,990	( <sup>7</sup> )	960	37,393
1955-----	316,306	46,163	42,777	3,386	226,893	43,250	271,785	( <sup>7</sup> )	1,815	42,706
1956-----	320,047	50,960	47,574	3,386	223,973	45,114	269,956	( <sup>7</sup> )	2,567	47,524
1957-----	324,046	54,444	52,040	2,404	222,775	46,827	268,592	( <sup>7</sup> )	3,464	51,990

<sup>1</sup> Interest is exempt from both normal and surtax rates of Federal income tax.

<sup>2</sup> Interest is exempt only from normal rates of Federal income tax.

<sup>3</sup> Interest is subject to both normal and surtax rates of Federal income tax.

<sup>4</sup> Excludes securities held by Treasury.

<sup>5</sup> Includes Federal land bank bonds only through June 30, 1946; on June 27, 1947, United States proprietary interest in these banks ended. Excludes stocks and interagency loans.

<sup>6</sup> Wholly tax-exempt. Excludes obligations of Philippine Islands after June 30, 1946, and Puerto Rico after June 30, 1952.

<sup>7</sup> Included with U. S. Govt.

Source: Treasury Department; *Annual Report of the Secretary*.

### No. 487.—U. S. SAVINGS BONDS—AMOUNTS OUTSTANDING, SALES, ACCRUED DISCOUNT, AND REDEMPTIONS: 1935 TO 1957

[In millions of dollars. Includes data for Series A to D not shown separately; these series have not been issued since April 1941]

PERIOD	Amounts outstanding at end of period (all series)	FUNDS RECEIVED FROM SALES DURING PERIOD				Accrued discounts during period (all series)	Redemptions during period <sup>1</sup> (all series)
		All series	Series E and H	Series F and J	Series G and K		
1935-41-----	6,140	6,486	2,145	2,208	2,185	201	547
1942-----	15,050	9,157	5,989	652	2,516	102	349
1943-----	27,363	13,729	10,344	745	2,640	169	1,585
1944-----	40,861	16,044	12,380	773	2,891	295	3,341
1945-----	48,183	12,937	9,822	595	2,520	484	5,558
1946-----	49,776	7,427	4,466	325	2,637	640	6,427
1947-----	52,053	6,694	4,085	342	2,267	742	5,126
1948-----	55,051	7,295	4,224	498	2,573	872	5,144
1949-----	56,707	5,833	4,208	293	1,392	981	5,101
1950-----	58,019	6,074	3,668	417	1,990	1,104	5,840
1951-----	57,587	3,961	3,190	124	646	1,181	5,651
1952-----	57,940	4,161	3,575	129	458	1,220	5,074
1953-----	57,710	4,800	4,368	432	1,237	6,149	
1954-----	57,672	6,173	4,889	1,284	1,236	6,985	
1955-----	57,924	6,276	5,368	907	1,216	7,301	
1956-----	56,293	5,517	5,043	475	1,217	8,264	
1957-----	52,474	4,605	4,507	98	1,216	9,630	

<sup>1</sup> Comprises both matured and unmatured bonds. <sup>2</sup> 1941 only.

Source: Treasury Department; monthly data published currently in *Treasury Bulletin* and *Federal Reserve Bulletin*.

No. 488.—CIVILIAN EMPLOYMENT AND PAYROLLS OF THE FEDERAL GOVERNMENT,  
BY BRANCH: 1939 TO 1958

[Includes data for employees outside continental United States. Annual figures are averages of monthly figures. Monthly figures represent number in active-duty status as of last day of month, including intermittent employees who worked during month. Excludes employees of Central Intelligence Agency for security reasons. Employees of General Accounting Office and Government Printing Office included with legislative branch]

YEAR AND MONTH	EMPLOYMENT (1,000)				PAYROLLS (\$1,000)			
	Total <sup>1</sup>	Executive <sup>1</sup>	Legislative	Judicial	Total	Executive	Legislative	Judicial
1939.....	944	926	16	2	1,686,731	1,643,010	37,030	6,691
1940.....	1,053	1,034	17	2	1,890,942	1,843,314	40,120	7,508
1941.....	1,439	1,418	19	3	2,586,681	2,535,627	43,288	7,766
1942.....	2,377	2,353	21	3	4,541,541	4,484,086	49,362	8,093
1943.....	3,180	3,154	23	3	7,428,776	7,359,837	60,198	9,041
1944.....	3,342	3,315	25	3	7,696,083	7,618,640	68,168	9,275
1945.....	3,526	3,496	27	3	8,019,383	7,932,561	76,046	10,176
1946.....	2,651	2,620	28	3	6,701,491	6,604,426	84,206	12,859
1947.....	2,145	2,116	25	3	5,900,511	5,806,901	87,916	14,694
1948.....	2,080	2,053	24	3	6,154,608	6,049,488	88,938	16,182
1949.....	2,083	2,055	24	4	6,644,156	6,530,362	96,632	17,162
1950.....	2,079	2,052	23	4	6,965,634	6,845,734	101,067	18,833
1951.....	2,473	2,446	23	4	8,938,034	8,814,371	103,468	20,195
1952.....	2,603	2,577	23	4	10,037,438	9,907,247	108,771	21,420
1953.....	2,567	2,541	22	4	10,009,340	9,879,507	108,656	21,178
1954.....	2,424	2,398	22	4	9,685,506	9,553,101	110,466	21,940
1955.....	2,402	2,376	22	4	10,294,451	10,146,018	122,160	26,274
1956.....	2,415	2,389	22	4	10,844,930	10,687,592	128,844	28,496
1957.....	2,420	2,393	22	5	11,196,761	11,033,779	132,648	30,334
March.....	2,408	2,381	22	5	898,857	895,850	10,622	2,384
June.....	2,416	2,389	22	5	892,911	879,346	11,177	2,388
September.....	2,381	2,354	22	5	901,749	888,462	10,803	2,484
December.....	2,667	2,640	22	5	961,999	947,913	11,523	2,563
1958, March.....	2,339	2,312	22	5	898,117	884,769	10,831	2,518

<sup>1</sup> Includes Christmas help of the Post Office Department.

Source: Civil Service Commission; *Monthly Report of Federal Employment* and records.

No. 489.—PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY TYPE  
OF ENTRY UNDER CIVIL SERVICE REGULATIONS: 1950 TO 1957

[In thousands. As of June 30. Includes data for employees outside continental United States. See headnote table 488. See also *Historical Statistics, 1789-1946*, series P 65-68]

TYPE OF ENTRY	1950	1951	1952	1953	1954	1955	1956	1957
Total.....	1,961	2,483	2,601	2,558	2,408	2,397	2,398	2,416
In continental U. S.....	1,814	2,309	2,416	2,303	2,164	2,183	2,193	2,211
Subject to competitive requirements of Civil Service Act:								
Number.....	1,657	2,145	2,248	2,139	1,992	2,005	2,042	2,067
Percent of total reported.....	85	86	86	84	83	84	85	86
In continental U. S.....	1,635	2,111	2,211	2,104	1,958	1,972	1,985	2,005
Percent subject to competitive requirements.....	90	91	92	91	91	90	91	91
Persons examined <sup>1</sup> .....	1,683	1,905	2,132	1,719	1,382	1,711	1,687	1,701
Persons passed <sup>1</sup> .....	936	1,069	1,223	937	728	916	857	791
Persons appointed <sup>1</sup> .....	2,337	2,579	504	429	314	417	440	390
Excepted from competitive requirements of Civil Service Act.....	304	338	353	420	416	392	356	349

<sup>1</sup> During year ending June 30.

<sup>2</sup> Excludes temporary appointments pending establishment of registers.

Source: Civil Service Commission; *Annual Report* and records.

# No. 490.—PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY: 1952 TO 1958

[As of June 30, except where noted. See headnote, table 488. See also *Historical Statistics, 1789-1945*, series P 62]

AGENCY	1952	1953	1954	1955	1956	1957	1958 <sup>1</sup>
<b>All agencies.....</b>	<b>2,600,612</b>	<b>2,558,416</b>	<b>2,407,676</b>	<b>2,397,309</b>	<b>2,398,470</b>	<b>2,416,083</b>	<b>2,333,942</b>
Legislative branch.....	22,517	22,312	21,972	21,711	22,114	22,340	22,179
Judicial branch.....	3,963	3,964	4,045	4,136	4,355	4,664	4,719
Executive branch.....	2,574,132	2,532,150	2,381,659	2,371,462	2,372,001	2,389,079	2,307,044
<b>Executive Office of the President:</b>							
White House Office.....	245	248	266	290	374	387	406
Bureau of the Budget.....	498	457	419	444	430	442	437
Committee on Retirement Policy for Federal Personnel.....		19	7				
Council of Economic Advisers.....	34		26	35	31	31	32
Executive Mansion and Grounds.....	121	105	109	70	70	72	71
Missouri Basin Survey Commission.....	15						
National Security Council.....	23	24	28	28	27	26	64
National Security Resources Board.....	178						
Office of Defense Mobilization.....	161	364	316	272	259	254	235
Office of the Director for Mutual Security.....	78	125	( <sup>2</sup> )				
President's Advisory Committee on Government Organization.....			4	5	5	6	6
President's Airport Commission.....	1						
President's Commission on the Health Needs of the Nation.....	57						
President's Commission on Vet- erans' Pensions.....				23			
<b>Executive departments:</b>							
Agriculture.....	78,559	78,404	76,276	85,503	89,398	95,998	85,231
Commerce.....	65,172	55,119	41,865	46,077	47,175	52,250	52,152
Department of Defense:							
Office of the Secretary.....	2,253	1,980	1,893	1,954	1,899	1,655	1,581
Department of the Army.....	543,853	570,295	495,273	461,986	434,691	429,217	405,617
Department of the Navy.....	481,326	448,874	413,134	410,564	394,669	389,717	364,133
Department of the Air Force.....	309,693	310,913	298,692	312,076	348,577	340,326	311,497
Health, Education, and Welfare.....		35,408	35,442	40,405	46,058	52,591	53,336
Interior.....	60,367	58,317	56,427	54,322	53,404	55,288	48,839
Justice.....	32,194	30,423	31,022	30,686	30,876	30,613	30,523
Labor.....	7,815	5,542	5,129	5,051	5,795	5,927	5,801
Post Office.....	507,779	508,555	507,135	511,613	508,587	521,198	535,421
State.....	31,302	30,988	20,406	20,969	32,405	33,979	34,360
Treasury.....	80,460	85,490	80,893	79,180	77,781	78,376	78,498
<b>Independent agencies:</b>							
Advisory Committee on Weather Control.....				16	16	8	
Airways Modernization Board.....							49
Alaska International Rail and Highway Commission.....							4
Alexander Hamilton Bicentennial Commission.....				2	10	9	
American Battle Monuments Com. Atomic Energy Commission.....	893	994	878	775	718	606	540
Board of Governors, Federal Re- serve System.....	6,734	6,941	6,195	6,076	6,637	6,910	6,787
Boston National Historic Sites Commission.....	580	582	573	588	577	589	579
Canal Zone Government.....					2	4	4
Civil Aeronautics Board.....	2,529	2,415	2,123	2,487	2,431	2,551	2,557
Civil Service Commission.....	582	553	540	528	600	602	672
Commission of Fine Arts.....	4,694	4,702	4,384	3,864	4,254	4,475	4,105
Commission on Civil Rights.....	2	2	2	4	2	4	4
Comm. on Increased Industrial Use of Agric. Products.....							5
Comm. on Intergov'tal Relations.....			42	48			
Commission on Renovation of the Executive Mansion.....	6						
Committee on Government Con- tract Compliance.....	11	6	( <sup>4</sup> )				
Corregidor-Bataan Memorial Commission.....					2	1	2
Defense Materials Procurement Agency.....	158	71					
Defense Production Administration.....	464						
Defense Transport Administration.....	216	85	27	17			
Displaced Persons Commission.....	107						
District of Columbia Auditorium Commission.....					1	1	
Economic Stabilization Agency.....	17,297	1,505					

See footnotes at end of table.

No. 490.—PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY:  
1952 to 1958—Continued

AGENCY	1952	1953	1954	1955	1956	1957	1958 <sup>1</sup>
<b>Independent agencies—Continued</b>							
Export-Import Bank.....	136	137	133	148	172	185	206
Farm Credit Administration <sup>2</sup> .....			1,101	1,078	1,038	950	875
Federal Civil Defense Admin.....	1,108	764	704	743	1,078	1,264	1,292
Federal Coal Mine Safety Board of Review.....		8	8	8	8	7	8
Federal Communications Comm.....	1,138	1,070	1,146	1,094	1,116	1,107	1,204
Federal Deposit Insurance Corp.....	1,013	1,043	1,017	1,127	1,127	1,143	1,191
Federal Facilities Corporation <sup>3</sup> .....							6
Federal Home Loan Bank Board.....					689	750	796
Federal Mediation and Concilia- tion Service.....	370	380	363	357	346	332	319
Federal Power Commission.....	699	631	661	667	720	758	708
Federal Security Agency.....	34,153	( <sup>4</sup> )					
Federal Trade Commission.....	680	642	596	584	641	744	727
Foreign Claims Settlement Comm.....				161	128	114	93
Foreign Operations Administration.....			5,856	6,526	( <sup>5</sup> )		
General Services Administration.....	29,142	28,956	26,765	25,729	26,426	27,410	27,509
Government Contract Committee.....		( <sup>4</sup> )	12	15	23	21	24
Housing and Home Finance Agency.....	12,626	12,053	10,715	11,082	<sup>9</sup> 10,162	9,893	9,688
Indian Claims Commission.....	10	11	14	13	13	14	17
Information Agency.....			9,539	10,145	10,821	11,815	10,965
Interstate Commerce Commission.....	2,093	1,910	1,868	1,822	1,907	2,203	2,253
Jamestown-Williamsburg-York- town Celebration Commission.....				3	3	5	3
John Marshall Bicentennial Cele- bration Commission.....				2			
Motor Carrier Claims Commission.....	10						
Mutual Security Agency.....	5,303	4,465	( <sup>2</sup> )				
National Advisory Committee for Aeronautics.....	7,654	7,026	7,161	7,508	7,861	7,962	7,696
Nat'l Capital Housing Authority.....	353	349	313	276	258	254	208
Nat'l Capital Planning Commission.....	7	4	20	23	33	35	31
Nat'l Capital Sesquicentennial Commission.....	13						
National Labor Relations Board.....	1,173	1,390	1,224	1,150	1,128	1,151	1,124
National Mediation Board.....	114	108	116	110	107	109	102
National Science Foundation.....	117	181	188	170	251	323	298
National Security Training Comm.....	6	1	5	5	4	6	
Panama Canal Company.....	16,869	15,435	13,729	12,833	12,433	11,617	12,263
Railroad Retirement Board.....	2,199	2,178	2,255	2,344	2,222	2,431	2,522
Reconstruction Finance Corp.....	2,545	2,045	1,018				
Renegotiation Board.....	559	764	639	540	469	359	332
Rubber Producing Facilities Dis- posal Commission.....			25	19	7		
St. Lawrence Seaway Development Corporation.....				33	36	38	37
Securities and Exchange Comm.....	867	774	699	666	734	785	838
Selective Service System.....	8,180	7,786	7,446	7,123	6,860	6,856	6,206
Small Business Administration.....			601	736	821	1,161	1,310
Small Defense Plants Admin.....	324	452					
Smithsonian Institution.....	1,094	979	1,010	986	1,089	1,211	1,180
Soldiers Home.....	734	768	888	1,020	1,016	1,032	1,007
Soo Locks Centennial Celebration Commission.....				2			
Subversive Activities Control Board.....	31	29	32	32	33	37	33
Tariff Commission.....	193	196	192	198	208	217	216
Tax Court of the United States.....	123	131	141	141	146	145	150
Tennessee Valley Authority.....	21,300	22,406	23,933	19,854	14,708	15,651	14,674
Theodore Roosevelt Centennial Commission.....					3	8	11
Veterans Administration.....	174,507	178,402	178,857	177,656	176,653	174,022	174,657
Virgin Islands Corporation.....	987	1,047	1,089	785	739	717	567
War Claims Commission.....	185	167	174				
Woodrow Wilson Centennial Comm.....					3	4	

<sup>1</sup> As of January 31.

<sup>2</sup> Became Foreign Operations Administration.

<sup>3</sup> Includes Farm Credit Administration which was established as an independent agency, Aug. 6, 1953.

<sup>4</sup> Became Government Contract Committee.

<sup>5</sup> Includes Federal Intermediate Credit Banks and Central Bank for Cooperatives under Farm Credit Admin-  
istration supervision.

<sup>6</sup> Transferred from Department of the Treasury.

<sup>7</sup> Became Department of Health, Education, and Welfare.

<sup>8</sup> Functions transferred to Department of State.

<sup>9</sup> Excludes Federal Home Loan Bank Board which was established as an independent agency.

Source: Civil Service Commission; *Annual Report and Monthly Report of Federal Employment*.

### No. 491.—PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AREA AND SEX: 1945 TO 1957

[As of December 31; distribution by sex partially estimated prior to 1953. Excludes employees of the Central Intelligence Agency and temporary Christmas help of the Post Office Department]

AREA AND SEX	1945	1950	1952	1953	1954	1955 <sup>1</sup>	1956	1957
Continental U. S., total.....	403,743	2,020,053	2,374,132	2,192,564	2,154,268	2,152,387	2,198,209	2,142,844
Male.....	9,369	1,544,000	1,786,384	1,663,024	1,626,105	1,638,817	1,664,891	1,609,042
Female.....	4,374	476,053	587,748	529,540	509,582	513,570	533,318	533,802
Percent female.....	34	24	25	24	24	24	24	25
Washington, D. C., metropolitan area, total <sup>2</sup> .....	236,213	237,736	254,110	228,919	226,406	227,465	231,391	225,087
Male.....	6,062	131,973	142,639	131,333	130,568	131,185	135,264	132,236
Female.....	131,151	105,763	111,471	97,586	95,838	96,280	96,127	92,851
Percent female.....	56	44	44	43	42	42	42	41

<sup>1</sup> Distribution by sex estimated.

<sup>2</sup> Includes 18,581 census enumerators for whom sex was not reported.

<sup>3</sup> For definition of Washington, D. C., metropolitan area, see table 493, footnote 1.

Source: Civil Service Commission; *Annual Report* and records.

### No. 492.—ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1950 TO 1957

[For years ending June 30. Not entirely comparable with similar data in earlier *Statistical Abstracts*; now includes accessions and separations of part-time and intermittent employees. For definition of areas, see table 493, footnote 1]

ITEM	CONTINENTAL UNITED STATES				WASHINGTON, D. C., METROPOLITAN AREA			
	1950	1955	1956	1957	1950	1955	1956	1957
Accessions, total number.....	414,943	520,825	486,101	509,153	43,273	46,171	47,696	51,846
Average monthly rate <sup>1</sup> .....	1.9	2.0	1.9	1.9	1.7	1.7	1.8	1.9
Separations, total number.....	494,755	503,068	466,495	484,804	48,774	42,479	45,823	47,686
Average monthly rate <sup>1</sup> .....	2.2	2.0	1.8	1.8	1.9	1.6	1.7	1.8
By type of separation:								
Quit <sup>2</sup> .....	187,396	232,141	241,307	256,247	24,078	26,109	28,662	31,445
Reduction in force.....	103,281	38,505	34,871	20,551	6,136	1,181	922	380
Discharge <sup>3</sup> .....	16,080	13,545	13,692	11,335	929	936	942	793
Other <sup>4</sup> .....	187,998	218,877	176,625	196,671	17,631	14,253	15,297	15,068

<sup>1</sup> Per 100 employees.

<sup>2</sup> Represents resignation, transfer to other Federal agency, and abandonment of position.

<sup>3</sup> Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause.

<sup>4</sup> Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement.

Source: Civil Service Commission; *Annual Report* and records.

**No. 493.—PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, 1939 TO 1957,  
AND FOR SELECTED AGENCIES, 1957, BY STATES AND OTHER AREAS**

[As of December 31, except as noted. Partially estimated. Excludes Central Intelligence Agency and temporary Christmas help of the Post Office Department]

STATE OR OTHER AREA	TOTAL EMPLOYMENT				EMPLOYMENT BY AGENCY, 1957			
	1939	1950	1955	1957	Department of Defense	Post Office Department	Veterans Administration	Other agencies
<b>Total.....</b>	<b>967,765</b>	<b>2,177,008</b>	<b>2,356,476</b>	<b>2,339,342</b>	<b>1,085,326</b>	<b>539,927</b>	<b>174,675</b>	<b>539,414</b>
Outside continental U. S. Territories and poss.....	42,639	166,955	204,089	196,498	130,813	2,556	1,243	61,886
Alaska.....	37,559	76,670	71,794	67,290	38,410	2,556	887	25,437
Hawaii.....	2,420	13,237	13,429	13,953	6,092	480	30	7,342
Puerto Rico.....	5,721	21,867	22,262	21,308	18,581	906	110	1,711
Other areas.....	2,678	5,259	7,658	5,719	2,320	1,072	735	1,562
Foreign countries.....	26,731	36,307	28,445	26,310	11,417	98	3	14,792
Continental U. S.....	5,080	80,285	132,295	129,208	92,403	-----	356	36,440
Washington, D. C., metropolitan area <sup>1</sup> and 48 States <sup>2</sup> .....	925,126	2,020,053	2,152,387	2,142,844	954,513	537,371	173,432	477,528
Alabama.....	2132,516	237,736	227,465	225,087	78,542	9,245	5,963	131,337
Arizona.....	702,610	1,782,317	1,924,922	1,917,757	875,971	528,126	107,469	346,191
Arkansas.....	12,976	37,852	50,134	53,479	34,179	7,158	3,673	8,469
California.....	7,081	12,386	15,765	17,975	7,246	2,737	1,584	6,408
Colorado.....	10,368	15,096	14,940	14,531	4,300	4,542	2,691	2,998
Connecticut.....	51,281	211,116	230,253	226,367	140,877	41,547	14,300	29,643
Delaware.....	9,764	25,574	32,796	33,498	14,434	5,954	2,940	10,170
Florida.....	6,864	10,433	12,152	14,024	2,229	7,968	1,985	1,842
Georgia.....	1,896	2,075	3,212	3,803	1,898	988	463	454
Idaho.....	10,996	33,162	42,372	46,762	25,913	11,892	2,811	6,176
Illinois.....	13,243	47,860	54,895	54,623	32,293	9,954	3,687	8,689
Indiana.....	3,934	5,163	5,797	6,194	902	1,645	428	3,219
Iowa.....	50,263	95,960	100,078	94,814	30,184	37,404	9,685	17,541
Kansas.....	12,925	34,348	33,651	31,751	11,845	12,079	2,805	5,022
Kentucky.....	10,634	15,483	15,852	15,942	569	9,022	2,823	3,528
Louisiana.....	9,465	19,825	22,154	22,741	7,924	7,044	3,311	3,862
Maine.....	12,255	27,005	28,298	27,700	12,025	7,817	2,463	5,395
Maryland.....	13,107	23,142	23,998	24,063	8,253	6,716	2,369	6,725
Massachusetts.....	7,079	10,921	14,726	14,703	9,138	3,376	942	1,247
Michigan.....	20,656	41,862	48,666	51,817	30,483	6,845	2,584	11,905
Minnesota.....	36,484	54,031	60,038	58,659	25,195	19,154	6,994	7,316
Mississippi.....	19,474	40,049	38,638	39,986	9,141	18,606	4,533	7,806
Missouri.....	13,993	23,135	24,101	22,865	1,370	11,884	4,011	5,600
Montana.....	11,770	15,144	15,861	17,300	6,258	4,565	2,239	4,238
Nebraska.....	23,215	50,549	47,672	47,827	14,458	17,808	3,883	11,678
Nevada.....	9,403	7,937	7,185	7,435	661	1,936	539	4,299
New Hampshire.....	9,203	18,489	18,256	15,540	4,241	5,903	1,566	3,840
New Jersey.....	3,053	4,904	5,202	5,792	2,970	729	304	1,789
New Mexico.....	3,701	3,023	3,200	3,447	659	1,842	378	568
New York.....	19,641	46,676	49,760	49,145	27,397	13,316	3,707	4,065
North Carolina.....	6,455	13,164	18,714	21,761	10,658	2,289	1,218	7,596
North Dakota.....	97,155	169,771	184,936	181,923	57,173	77,529	17,116	30,105
Ohio.....	11,231	24,730	27,217	28,333	9,955	9,043	4,048	5,287
Oklahoma.....	4,356	6,743	5,923	5,819	604	2,394	600	2,221
Oregon.....	32,608	89,064	94,308	92,111	43,158	20,059	6,832	13,062
Pennsylvania.....	11,666	37,461	40,858	40,502	24,888	7,099	1,637	6,878
Rhode Island.....	9,899	16,227	17,239	18,380	3,480	5,059	1,907	7,934
South Carolina.....	59,183	123,210	133,984	128,158	68,902	34,211	11,420	13,025
South Dakota.....	7,379	11,225	12,995	12,572	8,879	2,266	811	616
Tennessee.....	10,107	19,825	21,984	22,264	13,960	4,601	1,015	2,988
Texas.....	5,017	8,872	8,582	8,582	1,513	2,392	1,507	3,170
Utah.....	18,856	39,779	37,753	37,874	7,963	9,746	5,030	14,635
Vermont.....	29,818	97,432	112,104	114,450	62,672	23,951	8,337	19,400
Virginia.....	4,075	24,626	26,018	25,747	17,544	2,569	1,310	4,324
Washington.....	2,059	2,980	3,191	3,209	278	1,667	439	825
West Virginia.....	24,799	67,647	70,286	67,483	45,133	9,197	4,250	8,903
Wisconsin.....	19,808	57,697	53,377	49,530	27,932	7,879	3,142	10,577
Wyoming.....	5,950	10,523	10,721	11,005	1,061	5,014	2,314	2,616
Undistributed.....	13,791	20,073	19,845	20,191	1,674	10,156	4,093	4,358
	3,335	5,659	5,260	5,390	1,312	1,104	785	2,189
		1,519	75	190	190	-----	-----	-----

<sup>1</sup> Beginning 1950, Washington, D. C., metropolitan area includes Dist. of Columbia; Alexandria and Falls Church cities, Arlington and Fairfax Counties, Virginia; and Montgomery and Prince Georges Counties, Maryland. These areas excluded from data for 48 States.

<sup>2</sup> Relates to District of Columbia only.

Source: Civil Service Commission; records.

### No. 494.—PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE FEDERAL GOVERNMENT AND AVERAGE PAY, BY COMPENSATION AUTHORITY: 1950 TO 1957

[As of June 30. For continental U. S. Excludes employees of Congress, Federal Courts, Maritime seamen of Department of Commerce, and small number for whom rates were not reported]

COMPENSATION AUTHORITY	1950		1955		1956		1957	
	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>
Total.....	1,627,812	\$3,504	2,045,626	\$4,416	2,064,015	\$4,544	2,072,228	\$4,690
Classification Act of 1949 (per annum).....	800,748	3,667	950,762	4,597	908,535	4,744	927,322	4,844
General schedule.....	701,824	3,788	886,512	4,689				
Crafts, protective, and custodial schedule.....	98,924	2,807	64,250	3,329				
Postal Pay Act.....	362,133	3,488	432,282	4,197	438,540	4,331	444,431	4,327
Wage Board.....	429,739	3,133	608,827	4,194	659,965	4,324	641,734	4,625
Other acts and admin. orders.....	35,192	4,502	53,755	5,477	50,975	5,532	58,241	5,705

<sup>1</sup> Arithmetic means based on annual rates and other rates converted to annual equivalents.

Source: Civil Service Commission; annual report, *Pay Structure of the Federal Civil Service*.

### No. 495.—WHITE-COLLAR EMPLOYEES IN THE FEDERAL GOVERNMENT, BY MAJOR OCCUPATION GROUPS: 1957

[As of February 28. Covers full-time employees in continental United States. Average grade is median based on employees reported by General Schedule grades; average salary is arithmetic mean based on mean salary for each grade for General Schedule positions and actual salary for those not reported by grades. Employees for whom neither grades nor salaries were reported are included in employment totals but excluded from computation of averages]

OCCUPATIONAL GROUP	ALL POSITIONS			PROFESSIONAL			NONPROFESSIONAL		
	Number	Average grade	Average salary	Number	Average grade	Average salary	Number	Average grade	Average salary
All groups.....	1,391,541	5	\$4,753	192,671	11	\$6,867	1,198,870	4	\$4,412
General administrative, clerical, and office services.....	752,708	3	4,206				752,708	3	4,206
Accounting and budget.....	93,237	5	5,013	26,282	11	6,755	66,955	4	4,329
Medical, hospital, dental, and public health.....	80,566	3	4,561	38,186	7	5,792	44,380	3	3,557
Supply.....	73,999	5	4,446				73,999	5	4,446
Engineering.....	66,886	11	6,695	47,771	11	7,666	19,115	5	4,264
Investigation.....	38,333	9	6,213	290	9	5,630	38,043	9	6,218
Legal and kindred.....	29,156	8	6,368	10,532	12	8,599	18,624	6	4,807
Biological sciences.....	27,809	7	5,328	18,559	9	6,025	9,250	4	3,930
Physical sciences.....	27,487	9	6,353	19,416	11	7,181	8,071	5	4,363
Business and industry.....	22,321	9	6,560				22,321	9	6,560
Transportation.....	21,793	7	5,329				21,793	7	5,329
Personnel administration and industrial relations.....	19,917	7	5,485	45	11	6,568	19,872	7	5,482
Mathematics and statistics.....	17,672	5	4,991	6,270	9	6,786	11,402	4	4,004
Mechanic.....	17,437	9	5,906				17,437	9	5,906
Social science, psychology, and welfare.....	14,351	11	6,867	11,438	11	7,482	2,913	5	4,455
Education.....	12,026	7	5,782	8,167	7	5,830	3,859	8	5,682
Inspection.....	11,984	8	5,427				11,984	8	5,427
Fine and applied arts.....	5,959	7	5,389	1,102	11	7,549	4,857	6	4,898
Library and archives.....	5,290	6	4,861	3,111	7	5,652	2,179	4	3,734
Veterinary science.....	1,680	9	6,505	1,680	9	6,505			
Copyright, patent, and trade-mark.....	1,822	12	7,538						
Trades, crafts, and labor.....	58	3	3,613	1,322	12	7,538	58	3	3,613
Miscellaneous occupations.....	49,550	5	4,434	500	11	7,086	49,050	5	4,407

Source: Civil Service Commission.



### No. 496.—PAID CIVILIAN EMPLOYEES WITH VETERAN PREFERENCE IN THE FEDERAL GOVERNMENT, BY SELECTED CHARACTERISTICS: 1950 TO 1957

[As of December 31. Excludes Central Intelligence Agency, Congress, Architect of the Capitol, Botanic Gardens, Library of Congress, U. S. Courts, temporary Christmas help of the Post Office Department, and until 1956, the Soldiers' Home, for whom distribution is not available]

ITEM	CONTINENTAL UNITED STATES				WASHINGTON, D. C., METROPOLITAN AREA <sup>2</sup>			
	1950	1955 <sup>1</sup>	1956	1957	1950	1955 <sup>1</sup>	1956	1957
<b>Total</b> .....	979,719	1,076,980	1,165,493	1,146,700	81,932	84,980	89,321	86,135
Veterans.....	961,685	1,056,400	1,145,035	1,120,300	78,838	81,970	86,461	83,300
Sex:								
Male.....	935,499	1,031,450	1,120,169	1,102,200	74,753	78,700	83,050	80,100
Female.....	26,186	24,950	24,866	18,100	4,085	3,270	3,411	3,200
Type of preference:								
Disabled (10-point).....	151,707	165,560	216,641	192,756	10,054	10,030	11,149	9,840
Other (5-point).....	809,978	890,840	928,394	933,500	68,784	71,940	75,312	73,500
Wives, widows, and mothers of veterans (10-point).....	18,034	20,580	20,458	20,400	3,094	3,010	2,860	2,800

<sup>1</sup> Estimated.

<sup>2</sup> See footnote 1, table 493.

Source: Civil Service Commission; records.

### No. 497.—WORK INJURIES AND COMPENSATION OF CIVILIAN EMPLOYEES IN THE FEDERAL GOVERNMENT: 1947 TO 1957

[For years ending June 30. Includes all employees covered under Federal Employees' Compensation Act]

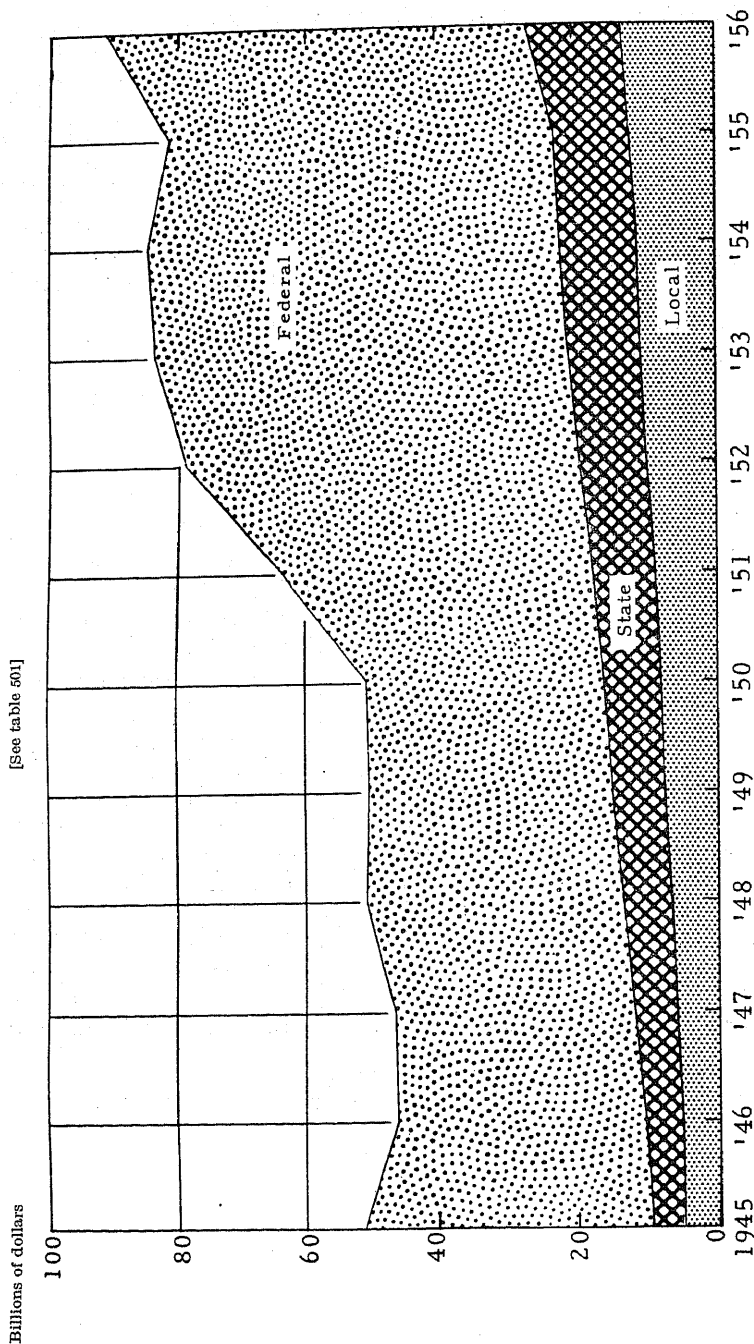
ITEM	1947-1949, average	1950	1952	1953	1954	1955	1956	1957
<b>Injury cases reported</b> .....	84,690	81,163	100,458	94,961	90,105	89,321	92,798	98,094
Index (1947-1949=100).....	100	96	119	112	106	105	110	116
Nonfatal.....	83,599	79,907	94,996	92,526	87,468	87,743	91,507	96,978
Fatal.....	1,091	1,256	5,462	2,435	2,637	1,578	1,291	1,116
Employment coverage.....1,000.....	2,100	2,067	2,450	2,572	2,408	2,393	2,397	2,434
Casualty rates:								
Frequency per million man-hours.....	8.67	8.35	8.43	7.96	7.79	7.71	7.81	8.00
Severity per million man-hours <sup>1</sup> .....	680	660	660	590	590	589	552	568
Cost per \$100 payroll.....	\$0.17	\$0.31	\$0.30	\$0.24	\$0.20	\$0.27	\$0.25	\$0.27
Cost per employee.....	\$4.63	\$10.00	\$10.83	\$9.09	\$10.30	\$10.81	\$10.93	\$12.00
Average evaluation per fatal case.....	\$11,210	\$31,166	\$33,662	\$27,747	\$30,258	\$38,608	\$43,690	\$50,617
Average evaluation per nonfatal disabling injury.....	\$158	\$370	\$406	\$393	\$435	\$483	\$489	\$491
Average days lost per nonfatal disabling injury.....	27	41	42	37	44	47	46	45
<b>Disbursements</b> .....\$1,000.....	14,305	23,370	36,234	41,329	43,679	48,322	50,631	56,092

<sup>1</sup> Based on arbitrary range of relative severity from 0 to 1,000.

Source: Department of Labor, Bureau of Employees' Compensation; *Annual Report*.

FIG. XXV.—GOVERNMENTAL TAX REVENUE: 1945 TO 1956

[See table 501]



Source: Department of Commerce, Bureau of the Census.

## Section 15

### State and Local Government Finances and Employment

Statistics relating to State and local governments, their numbers, finances, and employment, are compiled on a nationwide basis primarily by the Bureau of the Census.

This Bureau issues annually a *Summary of Governmental Finances* which includes figures for the Federal Government as well as State and local governments. It also issues annual series on State finances, city finances, and public employment. In addition, the Bureau of the Census occasionally issues special reports, such as *Historical Statistics on State and Local Government Finances, 1902-1953*. A descriptive leaflet, *Bureau of the Census Publications on Governments*, is issued annually.

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 48 State governments and the 41 cities of over 250,000 are compiled from their official records and reports by Census Bureau personnel, and classified into uniform categories for statistical reporting. The figures are obtained by a periodic Census of Governments that covers all public units, and by annual surveys covering all 48 State governments but only a sample of local governments.

Statistics regarding particular functions in which State and local governments have an important role are presented in other sections (for example, the sections on Education, Roads and Motor Vehicles, and Social Insurance and Welfare Services).

**Governmental units.**—The governmental structure of the United States includes, in addition to the Federal Government and the 48 States, a total of more than 100,000 distinct units of local government, created or authorized by the States. About half of these are local school districts, but there are large numbers also of county and township governments, municipalities, and numerous kinds of "special districts." The figures for governmental units shown in table 498 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—lack this power but are financed from rentals, charges for services, benefit assessments, grants from other governments, and other nontax sources. The count of governments excludes semiautonomous 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 in this section relate to the fiscal years of the respective governments. Federal and State government figures are for fiscal years ending on June 30, except for a few States with other closing dates within the calendar year named. Local government figures are for fiscal years ending in the calendar year specified, except for a few units which close their fiscal years in the succeeding January. Most school districts have fiscal years ending on June 30, but a majority of other local governments operate on a fiscal year ending December 31.

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 of individual governments. Accordingly,

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Note.—This section presents data for the most recent year or period available on April 17, 1958, when the material was organized and sent to the printer. In some instances more recent data were added later.

financial statistics which appear here for individual States and large cities, although based upon the official records and reports of these governments, will not agree directly with figures appearing in such original sources except where particular segments of the official accounts conform explicitly to standard reporting categories.

The framework for these statistics on governmental finances makes a basic distinction between general government, utilities and liquor stores, and insurance trust activities. These are distinguished as to revenue according to the nature of the source involved, as to expenditure according to the purpose of the spending, and as to debt and related borrowing and debt redemption according to the purpose (general government or utility) for which the debt was incurred.

The general government sector comprises all activities other than those classified as utility or insurance trust in nature. The utility sector includes only water supply, electric light and power, gas supply, and transit systems operated by local governments, and liquor stores operated by 16 States and by a few local governments. Other kinds of semicommercial activities carried on by some governments are included in the general government category. Insurance trust figures relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Revenue and expenditure reported for each of these sectors and in total, in the basic framework of these statistics, represent only external transactions, and exclude transfers among agencies and funds of the government concerned. Certain internal transactions are shown separately, however, in related tables.

Some of these classification aspects of financial data represent a change from 1950 and earlier years. Therefore, financial data appearing in this section cannot in all respects be directly related to government finance series included in the volume, *Historical Statistics of the United States, 1789-1945*, referred to below.

**Employment and payrolls.**—Public employment and payrolls data are primarily from Census Bureau reports based on mail canvassing of State and local governments. Payroll amounts include all salaries, wages, and individual fee payments for the month specified, and employment numbers relate to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (except where otherwise specified) part-time as well as full-time personnel. As in the case of financial data, figures shown for individual governments, such as States, cover major dependent agencies such as institutions of higher education, as well as the ordinary central departments and agencies of the government.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series P 189-190") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

# NO. 498.—GOVERNMENTAL UNITS, BY TYPE OF GOVERNMENT, BY STATES AND OTHER AREAS: 1957

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" which exist as areas for which statistics can be presented as to population and other subjects, but which lack any separate organized county, township, or municipal government]

STATE OR OTHER AREA	All governmental units <sup>1</sup>	Local governments except school districts					School districts	Other public school systems <sup>3</sup>
		Total	Counties	Municipalities	Townships <sup>2</sup>	Special districts		
<b>Continental U. S.</b>	102,328	51,833	4 2,047	17,183	17,198	14,405	50,446	2,467
Alabama	617	504	67	318		119	112	
Arizona	367	116	14	52		50	250	3
Arkansas	1,127	703	75	374		264	423	
California	3,879	2,038	4 57	331		1,650	1,840	
Colorado	1,666	729	4 62	246		421	936	
Connecticut	384	380	8	33	152	187	3	167
Delaware	132	116	3	49		64	15	2
District of Columbia	2			1		1		1
Florida	672	604	67	310		227	67	
Georgia	1,121	922	159	508		255	198	
Idaho	843	674	4 44	199		431	168	
Illinois	6,510	4,516	102	1,181	1,433	1,800	1,993	
Indiana	2,989	1,958	92	544	1,009	313	1,030	
Iowa	4,906	1,240	99	942		199	3,665	
Kansas	6,214	3,073	105	610	1,550	808	3,140	
Kentucky	822	600	120	323		157	221	
Louisiana	584	516	4 62	237		217	67	
Maine	645	636	16	42	471	107	8	476
Maryland	328	327	4 23	149		155		24
Massachusetts	573	568	4 12	39	312	205	4	349
Michigan	5,160	1,945	83	498	1,262	102	3,214	
Minnesota	6,298	2,833	87	826	1,828	92	3,404	15
Mississippi	672	592	82	262		248	79	82
Missouri	5,307	2,072	4 114	803	328	827	3,234	
Montana	1,303	353	4 56	123		174	1,149	
Nebraska	6,658	1,715	93	534	478	610	4,942	
Nevada	110	92	17	17		58	17	
New Hampshire	545	324	10	12	222	80	220	9
New Jersey	1,217	727	21	333	233	140	489	74
New Mexico	317	221	32	77		112	95	
New York	4,189	2,524	4 57	611	932	924	1,064	6
North Carolina	624	623	100	412		111		173
North Dakota	3,968	1,969	53	356	1,362	168	1,998	
Ohio	3,667	2,498	88	915	1,335	100	1,168	
Oklahoma	2,332	688	77	506		105	1,643	
Oregon	1,526	769	36	213		550	726	
Pennsylvania	5,073	2,655	4 66	991	1,564	34	2,417	441
Rhode Island	91	90	(8)	7	32	51		39
South Carolina	503	395	46	235	2	112	107	
South Dakota	4,308	1,519	4 64	306	1,080	69	3,288	
Tennessee	560	545	95	255		195	14	137
Texas	3,485	1,692	254	793		645	1,792	7
Utah	398	357	29	210		118	40	
Vermont	409	392	14	68	238	72	16	242
Virginia	367	366	4 98	228		40		130
Washington	1,577	1,105	39	252	69	745	471	
West Virginia	362	306	55	219		32	55	
Wisconsin	5,731	1,972	71	547	1,276	78	3,768	90
Wyoming	489	242	4 23	86		133	246	
<b>Other areas:</b>								
Alaska	42	33		31		2	8	21
Hawaii	22	21	4 3	1		17		1
Puerto Rico	97	96		75		21		1

<sup>1</sup> Includes Federal Government, each State and Territorial government, and the Commonwealth of Puerto Rico not shown separately by type.

<sup>2</sup> Includes towns in the 6 New England States, New York, and Wisconsin.

<sup>3</sup> Comprises other local public school systems operated as part of State, county, municipal, or township governments and excluded from independent school-district figure.

<sup>4</sup> Excludes areas corresponding to counties but having no organized county government.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Governments in the United States*.

# NO. 499.—COUNTY, MUNICIPAL, AND TOWNSHIP GOVERNMENTS, 1957, AND THEIR POPULATION, 1950, BY POPULATION SIZE-GROUP

[Number of governments as of January 1957; population as of April 1950. Township governments include "towns" in the 6 New England States, New York, and Wisconsin]

POPULATION SIZE-GROUP	COUNTIES			MUNICIPALITIES			TOWNSHIPS		
	Number, 1957	Population, 1950		Number, 1957	Population, 1950		Number, 1957	Population, 1950	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
United States.....	13,047	133,360	100.0	17,183	96,730	100.0	17,198	31,257	100.0
250,000 or more.....	77	46,587	34.9	106	44,312	46.0	36	3,569	11.4
100,000 to 249,999.....	147	22,685	17.0		128	9.4			
50,000 to 99,999.....	251	17,627	13.2	252	8,811	9.1	100	3,415	10.9
25,000 to 49,999.....	639	22,392	16.8	761	11,630	12.0	327	4,796	15.3
10,000 to 24,999.....	1,171	19,403	14.6	1,102	7,629	7.9	633	4,406	14.1
5,000 to 9,999.....	508	3,869	2.9	1,572	5,560	5.7	1,223	4,234	13.5
2,500 to 4,999.....	254	798	0.6	3,455	5,449	5.6	3,879	5,946	19.0
1,000 to 2,499.....				9,807	4,284	4.4	11,000	4,891	15.6
Less than 1,000.....									

<sup>1</sup> Excludes areas corresponding to counties but having no organized county government.

<sup>2</sup> Includes population of municipalities incorporated since April 1, 1950, classified on the basis of special censuses or, in the absence of a special census, on the basis of estimated population.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Governments in the United States*.

## NO. 500.—GOVERNMENTAL REVENUE, BY SOURCE, BY TYPE OF GOVERNMENT: 1956 [In millions of dollars]

REVENUE	All governments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	County	City	Township	School district	Special district
Total revenue.....	121,169	82,812	41,692	22,199	26,352	5,247	10,942	1,160	7,984	1,418
Intergovernmental revenue.....	( <sup>2</sup> )		3,335	3,296	26,899	1,917	1,566	280	3,415	120
Total revenue from own sources.....	121,169	82,812	38,357	18,903	19,453	3,329	9,376	880	4,570	1,298
General revenue, net of intergovernmental.....	104,978	73,646	31,332	15,093	16,238	3,217	6,875	836	4,534	776
Taxes, total.....	91,593	65,226	26,368	13,375	12,992	2,522	5,447	751	4,013	260
Property.....	11,749		11,749	467	11,282	2,374	3,986	712	3,950	260
Individual income.....	33,725	32,188	1,538	1,374	4,164	4,149				
Corporation income.....	21,770	20,880	890	890	( <sup>4</sup> )	( <sup>4</sup> )				
Sales, gross receipts, and customs.....	19,160	10,469	8,691	7,801	889	148	833	39	63	
Death and gift.....	1,481	1,161	320	310	9		7			
Licenses, permits, and other.....	3,709	528	3,181	2,533	648		471			
Charges and miscellaneous.....	13,384	8,420	4,964	1,718	3,246	695	1,429	85	521	516
Utility and liquor store revenue.....	3,854		3,854	1,019	2,835	69	2,212	42		512
Liquor stores.....	1,136		1,136	1,019	117	59	58	( <sup>5</sup> )		( <sup>5</sup> )
Water supply system.....	1,162		1,162		1,162	( <sup>5</sup> )	1,002	( <sup>5</sup> )		( <sup>5</sup> )
Electrical power system.....	887		887		887	( <sup>5</sup> )	682	( <sup>5</sup> )		( <sup>5</sup> )
Transit system.....	542		542		542	( <sup>5</sup> )	380	( <sup>5</sup> )		( <sup>5</sup> )
Gas supply system.....	127		127		127	( <sup>5</sup> )	90	( <sup>5</sup> )		( <sup>5</sup> )
Insurance-trust revenue, total.....	12,337	9,166	3,171	2,791	380	44	289	2	36	10
Employee retirement.....	2,084	790	1,285	919	376	44	284	2	36	10
Unemployment compensation.....	1,545	40	1,505	1,500	5		5			
Old-age and survivors insurance.....	6,930	6,930								
Other.....	1,778	1,407	371	371						

<sup>1</sup> Subject to sampling variation.

<sup>2</sup> To avoid duplication in summarizing data, excludes all transactions between types of government described in column heading; consequently, this figure is less than sum of components listed in columns at the right.

<sup>3</sup> Excludes interschool-district revenue amounting to \$149,000,000.

<sup>4</sup> Corporation included with individual income tax collections.

<sup>5</sup> Not computed.

Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1956*.

No. 501.—GOVERNMENTAL TAX REVENUE, BY SOURCE, BY LEVEL OF GOVERNMENT:  
1942 to 1956

[In millions of dollars. See also *Historical Statistics, 1789-1945*, series P 189-190]

YEAR AND LEVEL OF GOVERNMENT	Total <sup>1</sup>	Individual income	Corporation income <sup>1</sup>	Sales, gross receipts, and customs	Property	Death and gift	Licenses, permits, and other
<b>TOTAL</b>							
1942.....	20,797	3,527	4,998	5,685	4,537	530	1,521
1945.....	50,075	18,727	15,547	8,454	4,802	769	1,776
1950.....	50,967	16,472	11,043	12,986	7,349	870	2,247
1951.....	63,585	22,569	14,795	14,936	7,926	906	2,452
1952.....	79,066	28,919	22,072	15,689	8,652	1,032	2,703
1953.....	83,704	30,881	22,055	17,279	9,375	1,107	3,005
1954.....	84,476	30,669	21,879	17,643	9,967	1,188	3,129
1955.....	81,072	29,984	18,604	17,221	10,735	1,182	3,345
1956.....	91,593	33,725	21,770	19,160	11,749	1,481	3,709
<b>FEDERAL</b>							
1942.....	12,270	3,251	4,726	3,334	-----	419	540
1945.....	40,882	18,344	15,089	6,020	-----	636	793
1950.....	35,053	15,684	10,450	7,832	-----	698	389
1951.....	46,031	21,696	14,101	9,117	-----	708	409
1952.....	59,744	27,921	21,226	9,332	-----	813	446
1953.....	62,796	29,816	21,238	10,352	-----	881	508
1954.....	62,409	29,642	21,101	10,367	-----	934	465
1955.....	57,559	25,747	17,861	9,578	-----	924	478
1956.....	65,226	32,188	20,580	10,469	-----	1,161	528
<b>STATE AND LOCAL, TOTAL</b>							
1942.....	8,527	276	272	2,351	4,537	111	981
1945.....	9,193	383	458	2,434	4,802	133	983
1950.....	15,914	788	593	5,154	7,349	172	1,855
1951.....	17,554	873	694	5,819	7,926	199	2,042
1952.....	19,323	998	846	6,357	8,652	214	2,257
1953.....	20,908	1,065	817	6,927	9,375	226	2,497
1954.....	22,037	1,127	778	7,276	9,967	254	2,664
1955.....	23,483	1,237	744	7,643	10,735	258	2,867
1956.....	26,308	1,538	890	8,691	11,749	320	3,181
<b>State</b>							
1942.....	3,903	249	269	2,218	264	110	793
1945.....	4,307	357	453	2,278	276	132	811
1950.....	7,930	724	586	4,670	307	168	1,475
1951.....	8,933	805	687	5,268	346	196	1,631
1952.....	9,857	913	838	5,730	370	211	1,705
1953.....	10,552	969	810	6,209	365	222	1,978
1954.....	11,089	1,004	772	6,573	391	247	2,102
1955.....	11,597	1,094	737	6,864	412	249	2,241
1956.....	13,375	1,374	890	7,801	497	310	2,533
<b>Local</b>							
1942.....	4,624	27	3	133	4,273	1	188
1945.....	4,886	26	5	156	4,526	1	172
1950.....	7,984	64	7	484	7,042	4	353
1951.....	8,621	68	7	551	7,580	3	411
1952.....	9,466	85	8	627	8,232	3	462
1953.....	10,356	96	7	718	9,010	4	519
1954.....	10,978	122	7	703	9,577	7	562
1955.....	11,886	143	7	779	10,323	8	625
1956.....	12,992	<sup>2</sup> 164	( <sup>2</sup> )	889	11,282	9	648

<sup>1</sup> Federal amounts include excess profits tax, as well as normal tax and surtax, and for years prior to 1950 include unjust enrichment tax.

<sup>2</sup> Corporation included with individual income tax collections.

Source: Department of Commerce, Bureau of the Census; *Governmental Revenue in 1951* and annual report, *Summary of Governmental Finances in 1956*.

# No. 502.—FEDERAL EXPENDITURES—AID TO STATE AND LOCAL GOVERNMENTS: 1952 TO 1958

[In millions of dollars. Comprises budget accounts and trust funds. For years ending June 30. Based on existing and proposed legislation]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1952	1953	1954	1955	1956	1957	1958 estimate
<b>Federal aid to State and local governments</b> .....	2,604	2,857	2,657	3,124	3,753	4,111	5,444
<b>Grants-in-aid, total</b> .....	2,393	2,781	2,986	3,126	3,642	3,943	5,201
Veterans' services and benefits.....	7	6	6	8	8	8	9
Aid to State homes.....	4	4	4	5	6	6	6
State supervision of schools and training establishments.....	2	2	2	2	3	3	3
Administration of unemployment and other benefits.....	1	1					
<b>Labor and welfare</b> .....	1,785	2,041	2,094	2,093	2,318	2,384	2,774
Unemployment compensation and employment service administration.....	187	202	203	194	231	248	287
Credit to State accounts in unemployment trust fund.....					168	71	49
Public assistance.....	1,178	1,330	1,438	1,427	1,455	1,556	1,820
Hospital construction.....	124	109	90	74	56	73	99
Public health.....	37	32	24	21	49	61	77
Maternal and child welfare.....	31	32	29	29	34	38	42
Vocational education.....	26	25	25	31	33	38	41
Assistance for school construction and operation in federally affected areas.....	91	200	173	203	170	160	207
Vocational rehabilitation.....	22	22	23	26	35	34	43
National school-lunch program.....	84	83	83	83	82	98	99
Other.....	5	5	5	6	5	7	10
<b>Agriculture and agricultural resources</b> .....	84	97	213	248	389	382	386
Removal of surplus agricultural commodities and Commodity Credit Corporation contributions.....	38	52	162	178	305	271	276
Watershed protection and flood prevention.....			6	10	15	13	22
Cooperative agricultural extension work.....	33	33	32	39	44	50	57
Agricultural experiment stations.....	12	12	13	19	25	29	30
Cooperative projects in marketing.....				1	1	1	1
Feed and seed assistance.....							(2)
<b>Natural resources</b> .....	20	23	25	26	27	27	35
Forestry cooperation.....	10	10	10	10	11	11	2
Forest protection and utilization.....							12
Fish and wildlife restoration.....	10	13	15	16	16	16	19
Other.....						(2)	2
<b>Commerce and housing</b> .....	482	596	630	724	874	1,116	1,972
Federal-aid highway programs.....	414	500	522	586	729	1,956	1,766
Federal-aid airport program.....	33	27	17	8	17	21	40
Low-rent housing program.....	13	26	44	67	82	87	99
Slum clearance and urban renewal.....		8	12	34	14	30	46
Defense community facilities and services.....		4	13	4	1	1	2
Civil defense, Federal contributions.....	1	13	14	10	10	9	3
Disaster relief.....	16	12	3	9	15	10	15
Other.....	5	7	6	6	7	3	6
<b>General government</b> .....	17	18	18	28	26	26	26
Grants to the Territories.....	5	7	6	6	6	6	6
Federal contributions to District of Columbia.....	11	11	12	22	20	20	20
<b>Shared revenues</b> .....	38	51	66	78	82	96	100
Agriculture and agricultural resources.....	1	(2)	(2)	(2)	(2)	(2)	(2)
<b>Natural resources</b> .....	38	50	50	57	59	74	76
Oregon and California land-grant fund.....	3	6	6	12	9	12	10
Mineral Leasing Act.....	15	17	19	22	24	26	30
National forests fund.....	14	18	19	17	19	29	27
Tennessee Valley Authority: Payments in lieu of taxes.....	3	3	4	4	4	5	5
Other.....	2	6	3	3	3	2	4
General government: Shared internal revenue collections, Territories.....			15	20	22	22	23
<b>Loans and advances (net of repayments)</b> .....	173	25	395	380	29	72	143
Labor and welfare: Hospital facilities in D. C.....			1		5	4	4
<b>Natural resources</b> .....						(2)	4
<b>Commerce and housing</b> .....	173	25	397	380	21	64	127
Slum clearance and urban renewal.....	6	13	10	5	3	9	7
Low-rent housing.....	159	2	410	388	32	2	38
College housing.....				8	16	48	97
Public facility loans.....						1	15
Other.....	7	13	3	5	4	5	10
General government: District of Columbia, loans for improvements.....		1	1		2	4	8

<sup>1</sup> Includes \$952,556,601 and \$1,751,893,266 from highway trust fund in 1957 and 1958, respectively.

<sup>2</sup> Less than \$500,000.

<sup>3</sup> Deduct.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*, Special Analysis G.



## No. 503.—INTERGOVERNMENTAL EXPENDITURE, BY FUNCTION: 1956

[In millions of dollars]

LEVEL OF GOVERNMENT	Total	Educa- tion	High- ways	Public welfare	Health and hospi- tals	Natural re- sources	Em- ploy- ment security admini- stration	Other, com- bined and unal- locable
Federal Government to States.....	3,023	359	729	1,453	87	92	223	79
Federal Government to local governments.....	323	176	4	4	1	-----	1	137
States to local governments.....	6,538	3,541	984	1,069	132	11	-----	800
Local governments to States.....	259	25	105	26	53	12	-----	49
Local governments to local governments.....	633	452	32	10	40	(?)	-----	100

<sup>1</sup> Less than \$500,000.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1956*.

## No. 504.—GOVERNMENTAL EXPENDITURE, BY CHARACTER AND OBJECT, BY TYPE OF GOVERNMENT: 1956

[In millions of dollars]

EXPENDITURE	All govern- ments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	County	City	Town- ship	School dis- trict	Spe- cial dis- trict
Total expenditure.....	<sup>2</sup> 114,525	74,719	<sup>2</sup> 43,152	21,686	<sup>2</sup> 28,273	5,497	11,265	1,148	<sup>3</sup> 9,148	1,629
Intergovernmental expenditure..	(?)	3,347	(?)	6,538	<sup>2</sup> 269	462	94	75	<sup>3</sup> 18	34
Direct expenditure, total.....	114,525	71,373	43,152	15,148	28,004	5,035	11,171	1,073	9,129	1,595
Current operation.....	61,820	36,292	25,528	6,758	18,771	3,308	7,284	787	6,607	785
Capital outlay, total.....	26,363	14,956	11,407	4,564	6,843	915	2,779	214	2,234	651
Construction.....	12,771	3,416	9,355	3,872	5,482	764	2,253	176	1,740	541
Contract construction.....	11,425	2,793	8,632	3,538	5,093	725	2,018	150	1,749	452
Force account construction.....	1,346	623	723	334	389	39	235	26	-----	87
Land and existing structures.....	1,262	62	1,200	489	712	48	267	7	313	77
Equipment.....	12,330	11,478	852	203	649	104	259	30	223	33
Assistance and subsidies.....	9,215	6,595	2,620	1,531	1,089	697	345	47	-----	-----
Interest on debt.....	7,551	6,331	1,220	311	910	85	447	22	209	147
Insurance-trust benefits and withdrawals.....	9,576	7,200	2,376	1,984	392	30	317	3	30	12
Total personal services <sup>4</sup> .....	<sup>5</sup> 37,573	<sup>6</sup> 20,454	17,118	4,132	12,986	1,783	5,033	464	5,223	428

<sup>1</sup> Subject to sampling variation.<sup>2</sup> To avoid duplication in summarizing data, excludes all transactions between types of government described in column heading; consequently, this figure is less than sum of components listed in columns at the right.<sup>3</sup> Excludes interschool-district payments of tuition, transportation, and other services.<sup>4</sup> Included in items shown above.<sup>5</sup> Includes pay and allowances of Armed Forces amounting to \$9,734,000,000.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1956*.

## No. 505.—GOVERNMENTAL EXPENDITURE, BY TYPE AND FUNCTION, BY TYPE OF GOVERNMENT: 1956

[In millions of dollars]

EXPENDITURE	All govern- ments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	County	City	Town- ship	School dis- trict	Special dis- trict
Total expenditure.....	2114,525	74,719	243,152	21,686	228,273	5,497	11,265	1,148	29,148	1,629
Intergovernmental expenditure.....	( <sup>2</sup> )	3,347	( <sup>2</sup> )	6,538	2,269	462	94	75	3,18	34
Direct expenditure, total.....	114,525	71,373	43,152	15,148	28,004	5,035	11,171	1,073	9,129	1,595
Direct general expenditure, total.....	100,884	64,173	36,711	12,319	24,392	4,938	8,428	1,026	9,100	899
National defense.....	40,447	40,447	—	—	—	—	—	—	—	—
International assistance and foreign affairs.....	1,928	1,928	—	—	—	—	—	—	—	—
Postal service.....	2,899	—	—	—	—	—	—	—	—	—
Education.....	14,161	940	13,220	2,138	11,082	657	1,217	316	8,891	—
Institutions of higher edu- cation.....	1,772	9	1,764	1,678	85	—	57	—	—	—
Elementary and secondary.....	11,199	35	11,165	219	10,946	628	1,145	310	8,863	—
All other.....	1,189	897	292	241	51	29	15	7	—	—
Highways.....	7,035	82	6,953	4,367	2,586	1,076	1,175	258	—	76
Public welfare.....	3,185	46	3,139	1,603	1,536	1,001	472	64	—	—
Categorical public assist- ance programs.....	2,319	9	2,310	1,364	946	637	269	39	—	—
Other public assistance.....	258	—	258	51	207	114	81	12	—	—
Other public welfare.....	607	36	571	189	382	240	121	12	—	—
Other health.....	672	215	456	202	255	101	145	9	—	( <sup>4</sup> )
Health (incl. both public health services and "other health").....	3,739	967	2,772	1,470	1,302	637	601	9	—	56
Public hospitals.....	2,878	715	2,164	1,216	948	483	409	—	—	55
Other hospitals.....	189	37	152	52	100	52	47	—	—	—
Police.....	1,487	156	1,330	159	1,172	164	948	61	—	—
Local fire protection.....	737	—	737	—	737	28	645	49	—	15
Natural resources.....	5,046	4,140	906	670	239	102	—	—	—	134
Sanitation.....	1,320	—	1,320	—	1,326	136	1,052	65	—	74
Local parks and recreation.....	541	—	541	—	541	58	410	18	—	46
Housing and community re- development.....	562	125	437	2	435	( <sup>4</sup> )	222	( <sup>4</sup> )	—	213
Veterans' services.....	3,185	3,007	88	88	—	—	—	—	—	—
Nonhighway transportation.....	1,277	872	405	57	349	11	150	4	—	183
General control.....	2,235	675	1,560	477	1,083	337	470	76	—	—
Interest on general debt.....	7,317	6,331	986	311	675	85	273	21	209	87
Other and unallocable.....	3,776	1,467	2,309	977	1,352	446	786	85	—	14
Utility and liquor store expendi- ture.....	4,065	—	4,065	845	3,220	66	2,426	44	—	684
Liquor stores.....	946	—	946	845	101	51	50	—	—	—
Water supply system.....	1,461	—	1,461	—	1,461	( <sup>4</sup> )	1,182	( <sup>4</sup> )	—	—
Electric power system.....	895	—	895	—	895	( <sup>4</sup> )	621	( <sup>4</sup> )	—	—
Transit system.....	636	—	636	—	636	( <sup>4</sup> )	483	( <sup>4</sup> )	—	—
Gas supply system.....	128	—	128	—	128	( <sup>4</sup> )	90	( <sup>4</sup> )	—	—
Insurance-trust expenditure.....	9,576	7,200	2,376	1,984	392	30	317	3	30	12
Employee retirement.....	1,332	507	825	437	388	30	313	3	30	12
Unemployment compensa- tion.....	1,383	106	1,277	1,273	4	—	4	—	—	—
Old-age and survivors in- surance.....	5,361	5,361	—	—	—	—	—	—	—	—
Veterans' life insurance.....	628	628	—	—	—	—	—	—	—	—
Other.....	872	569	274	274	—	—	—	—	—	—

<sup>1</sup> Subject to sampling variation.<sup>2</sup> To avoid duplication in summarizing data, excludes all transactions between types of government described in column heading; consequently, this figure is less than sum of components listed in columns at the right.<sup>3</sup> Excludes interschool-district payments of tuition, transportation, and other services.<sup>4</sup> Less than \$500,000.<sup>5</sup> Not computed.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1956*.

## No. 506.—TOTAL GOVERNMENTAL DEBT, BY LEVEL OF GOVERNMENT: 1902 TO 1956

[Data in most instances are for fiscal years ending during calendar years shown]

YEAR	AMOUNT (millions of dollars)					PER CAPITA <sup>1</sup> (dollars)				
	All govern- ments	Federal	State and local			All govern- ments	Federal	State and local		
			Total	State	Local			Total	State	Local
1902.....	3,285	1,178	2,107	230	1,877	41	15	27	3	24
1913.....	5,607	1,193	4,414	379	4,035	58	12	45	4	42
1922.....	33,072	22,963	10,109	1,131	8,978	301	209	92	10	82
1932.....	38,692	19,487	19,205	2,832	16,373	310	156	154	23	131
1940.....	63,251	42,968	20,283	3,590	16,693	479	325	154	27	126
1946.....	285,339	269,422	15,917	2,353	13,564	2,013	1,905	113	17	96
1950.....	281,472	257,357	24,115	5,285	18,830	1,856	1,697	159	35	124
1952.....	289,205	259,105	30,100	6,874	23,226	1,842	1,650	192	44	148
1953.....	299,852	266,071	33,782	7,824	25,957	1,873	1,667	212	49	163
1954.....	310,190	271,260	38,931	9,600	29,331	1,910	1,670	240	59	181
1955.....	318,641	274,374	44,267	11,198	33,069	1,923	1,669	268	68	200
1956.....	321,911	272,751	49,161	12,890	36,271	1,914	1,622	292	77	216

<sup>1</sup> Based on population estimates as of July 1, including Armed Forces overseas.Source: Department of Commerce, Bureau of the Census; *Historical Statistics on State and Local Government Finances, 1908-1953*, and annual report, *Summary of Governmental Finances in 1956*.

## No. 507.—GOVERNMENTAL DEBT OUTSTANDING, BY TYPE OF GOVERNMENT: 1956

[In millions of dollars. As of end of fiscal year]

DEBT	All govern- ments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	County	City	Town- ship	School district	Special district
Debt outstanding, total.....	321,911	<sup>2</sup> 272,751	49,161	12,890	36,271	3,528	16,937	974	8,586	6,246
Long-term, total.....	( <sup>3</sup> )	( <sup>3</sup> )	47,067	12,643	34,424	3,343	16,139	955	8,394	5,592
Net long-term.....	( <sup>3</sup> )	( <sup>3</sup> )	43,217	11,175	32,042	3,209	14,454	939	8,200	5,240
Full faith and credit.....	( <sup>3</sup> )	( <sup>3</sup> )	32,108	6,213	25,895	2,892	11,497	792	8,394	2,821
Nonguaranteed.....	( <sup>3</sup> )	( <sup>3</sup> )	14,060	6,430	8,529	451	4,643	164	-----	3,272
Short-term.....	( <sup>3</sup> )	( <sup>3</sup> )	2,093	247	1,846	184	797	19	192	654

<sup>1</sup> Subject to sampling variation.<sup>2</sup> "Public debt" of the U. S. Government; excludes guaranteed obligations not owned by Treasury (interest-bearing debt of Commodity Credit Corporation and Federal Housing Administration) and nonguaranteed debt of Federal agencies.<sup>3</sup> The distinction between long-term and short-term debt is not applied to Federal debt figures.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1956*.

## No. 508.—DEBT TRANSACTIONS OF STATE AND LOCAL GOVERNMENTS, BY TYPE OF GOVERNMENT: 1956

[In millions of dollars]

DEBT	State and local	State	LOCAL <sup>1</sup>					
			Total	County	City	Town- ship	School district	Special district
Long-term debt issued, total.....	6,846	2,125	4,721	474	2,018	157	1,413	669
Original issues.....	6,786	2,115	4,671	474	2,004	157	1,413	623
Refunding issues.....	60	10	50	( <sup>2</sup> )	13	-----	-----	37
Long-term debt retired, total.....	2,315	527	1,788	207	916	66	406	193
Redeemed.....	2,253	517	1,735	206	901	66	406	156
Refunded.....	62	10	53	( <sup>2</sup> )	15	-----	-----	37
Total borrowing.....	7,011	2,121	4,890	513	2,190	166	1,508	514
Total debt redemption.....	2,490	524	1,966	242	993	73	489	168

<sup>1</sup> Subject to sampling variation.      <sup>2</sup> Less than \$500,000.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1956*.

No. 509.—LONG-TERM DEBT OF STATE AND LOCAL GOVERNMENTS OUTSTANDING,  
BY PURPOSE: 1957

[As of June 30]

PURPOSE	AMOUNT (\$1,000,000)			PERCENT DISTRIBUTION		
	State and local	State	Local	State and local	State	Local
<b>Total</b> .....	50,445	13,498	36,947	100.0	100.0	100.0
Education.....	13,983	1,728	12,255	27.7	12.8	33.2
State institutions of higher education.....	689	689	—	1.4	5.1	—
Other.....	13,294	1,039	12,255	26.4	7.7	33.2
Highways.....	10,681	7,294	3,387	21.2	54.0	9.2
State toll facilities.....	5,093	5,093	—	10.1	37.7	—
Other.....	5,588	2,201	3,387	11.1	16.3	9.2
Nonhighway transportation.....	1,708	274	1,434	3.4	2.0	3.9
Sewers and sewage disposal.....	3,382	—	3,382	6.7	—	9.2
Natural resources.....	1,381	489	892	2.7	3.6	2.4
Housing and community redevelopment.....	3,293	391	2,902	6.5	2.9	7.9
Hospitals.....	772	177	595	1.5	1.3	1.6
State veterans' bonuses.....	1,280	1,280	—	2.5	9.5	—
Utilities <sup>2</sup> .....	8,441	—	8,441	16.7	—	22.8
Other and unallocable.....	5,524	1,865	3,659	11.0	13.8	9.9

<sup>1</sup> Estimates, subject to sampling variation.<sup>2</sup> Water-supply, electric, gas-supply, and transit systems owned and operated by local governments.Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *State and Local Government Indebtedness*.No. 510.—LONG-TERM DEBT OF STATE AND LOCAL GOVERNMENTS OUTSTANDING  
IN 1957, BY SCHEDULED MATURITY PERIODS

[As of June 30]

PERIOD	AMOUNT (\$1,000,000)			PERCENT OF TOTAL		
	State and local	State	Local	State and local	State	Local
<b>Total</b> .....	50,445	13,498	36,947	100.0	100.0	100.0
DEBT SCHEDULED TO MATURE DURING PERIOD INDICATED						
1957 (July–December only).....	1,300	223	1,077	2.6	1.7	2.9
1958.....	2,507	520	1,987	5.0	3.9	5.4
1959.....	2,507	514	1,993	5.0	3.8	5.4
1960.....	2,397	500	1,897	4.8	3.7	5.1
1961.....	2,417	522	1,895	4.8	3.9	5.1
1962.....	2,297	520	1,777	4.6	3.9	4.8
1963.....	2,155	467	1,688	4.3	3.5	4.6
1964.....	2,210	509	1,701	4.4	3.8	4.6
1965.....	2,114	468	1,646	4.2	3.5	4.5
1966.....	2,067	465	1,602	4.1	3.4	4.3
1967.....	1,908	454	1,454	3.8	3.4	3.9
1968.....	1,870	401	1,469	3.7	3.0	4.0
1969.....	1,766	376	1,390	3.5	2.8	3.8
1970 and subsequent years.....	22,930	7,559	15,371	45.5	56.0	41.6
CUMULATIVE MATURITIES SCHEDULED THROUGH PERIOD INDICATED						
1957 (July–December only).....	1,300	223	1,077	2.6	1.7	2.9
1958.....	3,807	743	3,064	7.5	5.5	8.3
1959.....	6,314	1,257	5,057	12.5	9.3	13.7
1960.....	8,711	1,757	6,954	17.3	13.0	18.8
1961.....	11,128	2,279	8,849	22.1	16.9	24.0
1962.....	13,425	2,799	10,626	26.6	20.7	28.8
1963.....	15,580	3,266	12,314	30.9	24.2	33.3
1964.....	17,790	3,775	14,015	35.3	28.0	37.9
1965.....	19,904	4,243	15,661	39.5	31.4	42.4
1966.....	21,971	4,708	17,263	43.6	34.9	46.7
1967.....	23,870	5,162	18,717	47.3	38.2	50.7
1968.....	25,749	5,563	20,186	51.0	41.2	54.6
1969.....	27,515	5,939	21,576	54.5	44.0	58.4
1970 and subsequent years.....	50,445	13,498	36,947	100.0	100.0	100.0

<sup>1</sup> Estimates, subject to sampling variation.Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *State and Local Government Indebtedness*.

**No. 511.—GENERAL REVENUE, GENERAL EXPENDITURE, AND TOTAL GOVERNMENTAL DEBT, PERCENT DISTRIBUTION AND PER CAPITA AMOUNTS, BY LEVEL OF GOVERNMENT: 1956**

ITEM	PERCENT DISTRIBUTION				PER CAPITA <sup>1</sup> (dollars)					
	All gov-ern-ments	Fed-eral	State	Local	All gov-ern-ments	Fed-eral	State and local			
							Total	State	Local	
General revenue, total, net of intergovern-mental.....	100.0	70.2	14.4	15.5	624.22	437.91	186.31	89.75	96.56	
Taxes, total.....	100.0	71.2	14.6	14.2	544.63	387.85	156.79	79.53	77.25	
Property.....	100.0	-----	4.0	96.0	69.86	-----	69.86	2.78	67.08	
Individual income.....	100.0	95.4	4.1	<sup>2</sup> 0.5	200.54	191.39	9.14	8.17	<sup>2</sup> .98	
Corporation income.....	100.0	95.9	4.1	( <sup>2</sup> )	129.45	124.16	5.29	5.29	( <sup>2</sup> )	
Sales, gross receipts, and customs.....	100.0	54.6	40.7	4.6	113.93	62.25	51.68	46.39	5.29	
Death and gift.....	100.0	78.4	21.0	0.6	8.80	6.90	1.90	1.85	.06	
Other, including licenses and permits.....	100.0	14.2	68.3	17.5	22.05	3.14	18.91	15.06	3.85	
Charges and miscellaneous.....	100.0	62.9	12.8	24.3	79.59	50.07	29.52	10.22	19.30	
Direct general expenditure, total.....	100.0	63.6	12.2	24.2	599.88	381.59	218.29	73.25	145.04	
National defense.....	100.0	100.0	-----	-----	240.51	240.51	-----	-----	-----	
International assistance and foreign affairs.....	100.0	100.0	-----	-----	11.47	11.47	-----	-----	-----	
Postal service.....	100.0	100.0	-----	-----	17.24	17.24	-----	-----	-----	
Education.....	100.0	6.6	15.1	78.3	84.20	5.59	78.61	12.71	65.90	
Institutions of higher education.....	100.0	0.5	94.7	4.8	10.54	.05	10.49	9.98	.51	
Elementary and secondary schools.....	100.0	0.3	2.0	97.7	66.59	.21	66.39	1.30	65.09	
All other.....	100.0	75.4	20.3	4.3	7.07	5.33	1.74	1.43	.30	
Highways.....	100.0	1.2	62.1	36.8	41.83	.49	41.34	25.97	15.38	
Public welfare.....	100.0	1.4	50.3	48.2	18.94	.27	18.67	9.53	9.13	
Categorical public assistance program.....	100.0	0.4	58.8	40.8	13.79	.06	13.73	8.11	5.62	
Other public assistance.....	100.0	-----	19.8	80.2	1.54	-----	1.54	.30	1.23	
Other public welfare.....	100.0	5.9	31.1	62.9	3.61	.21	3.40	1.12	2.27	
Health.....	100.0	25.9	39.3	34.8	3.99	1.28	2.71	1.20	1.51	
Hospitals.....					18.24	4.47	13.77	7.54	6.23	
Police.....	100.0	10.5	10.7	78.8	8.84	.93	7.91	.94	6.97	
Local fire protection.....	100.0	-----	-----	100.0	4.38	-----	4.38	-----	4.38	
Natural resources.....	100.0	82.0	13.3	4.7	30.01	24.62	5.39	3.98	1.41	
Sanitation.....	100.0	-----	-----	100.0	7.89	-----	7.89	-----	7.89	
Local parks and recreation.....	100.0	-----	-----	100.0	3.22	-----	3.22	-----	3.22	
Housing and community redevelopment.....	100.0	22.2	0.4	77.4	3.34	.75	2.60	.01	2.59	
Veterans' services.....	100.0	97.2	2.8	-----	18.94	18.41	.52	.52	-----	
Nonhighway transportation.....	100.0	68.3	4.5	27.3	7.50	5.18	2.41	.34	2.07	
General control.....	100.0	30.2	21.3	48.5	13.29	4.01	9.28	2.84	6.44	
Interest on general debt.....	100.0	86.5	4.3	9.2	43.51	37.64	5.86	1.85	4.01	
Other and unallocable.....	100.0	38.9	25.9	35.3	22.45	8.72	13.73	5.81	7.92	
Total debt outstanding at end of fiscal year.....	100.0	84.7	4.0	11.3	1,914.16	1,621.84	292.32	76.65	215.67	

<sup>1</sup> Based on population estimates as of July 1, including Armed Forces overseas.

<sup>2</sup> Corporation included with individual.

Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1956*.

## No. 512.—SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES: 1922 TO 1956

[In millions of dollars]

ITEM	1922	1932	1942	1950	1954	1955	1956
<b>Revenue, total</b> .....	<b>5,169</b>	<b>7,887</b>	<b>13,148</b>	<b>25,639</b>	<b>35,386</b>	<b>37,619</b>	<b>41,692</b>
From Federal Government.....	108	232	858	2,486	2,966	3,131	3,335
Public welfare.....	1	1	369	1,107	1,425	1,428	1,452
Highways.....	79	191	169	438	542	502	739
Education.....	10	12	137	345	277	299	344
Employment security administration.....			57	168	168	208	219
Other and unallocated <sup>1</sup> .....	18	28	125	428	523	604	581
From State and local sources.....	5,061	7,655	12,290	23,153	32,420	34,489	38,357
General, net of intergovernmental.....	4,673	7,035	9,560	18,425	26,046	27,942	31,332
Taxes.....	4,016	6,164	8,528	15,914	22,067	23,483	26,368
Property.....	3,321	4,487	4,537	7,949	9,967	10,735	11,749
Sales and gross receipts.....	154	752	2,351	5,154	7,276	7,643	8,691
Individual income.....	43	74	276	788	1,127	1,237	1,538
Corporation net income.....	58	79	272	593	1,278	744	890
Licenses and other.....	440	772	1,092	2,030	2,918	3,125	3,501
Charges and miscellaneous.....	657	871	1,031	2,511	3,979	4,459	4,964
Utility and liquor stores revenue.....	266	463	1,277	2,712	3,496	3,688	3,854
Liquor stores.....			390	904	1,094	1,079	1,136
Water supply system.....	175	317	439	705	971	1,092	1,162
Electric power system.....	72	111	251	574	787	870	887
Transit system.....	13	25	170	468	554	544	542
Gas supply system.....	6	10	27	61	90	104	127
Insurance trust revenue.....	122	157	1,454	2,016	2,877	2,858	3,171
Employee retirement.....	45	93	185	606	1,070	1,180	1,295
Unemployment compensation.....			1,142	1,180	1,470	1,329	1,505
Other.....	77	64	117	229	337		371
<b>Direct expenditure, total</b> .....	<b>5,652</b>	<b>8,403</b>	<b>10,914</b>	<b>27,905</b>	<b>36,607</b>	<b>40,375</b>	<b>43,152</b>
By function:							
General expenditure.....	5,218	7,705	9,190	22,787	30,701	33,724	36,711
Education.....	1,705	2,311	2,586	7,177	10,557	11,907	13,220
Higher education.....	143	251	317	1,170	1,419	1,569	1,764
Elementary and secondary schools.....	1,541	2,025	2,192	5,816	8,986	10,084	11,165
Other.....	21	35	79	191	243	254	292
Highways.....	1,294	1,741	1,490	3,803	5,527	6,452	6,953
Public welfare.....	119	444	1,159	2,940	3,060	3,168	3,139
Health.....	58	107	159	364	447	470	456
Hospitals.....	200	349	432	1,384	1,962	2,053	2,316
Police.....	190	318	394	776	1,130	1,229	1,330
Local fire protection.....	158	210	236	408	653	604	737
Natural resources.....	61	165	214	670	762	793	906
Sanitation.....	189	223	229	834	1,058	1,142	1,326
Housing and community redevelopment.....			236	452	611	499	437
Local recreation.....	85	147	128	304	424	509	541
General control.....	313	470	578	1,041	1,375	1,452	1,560
Interest on general debt <sup>2</sup> .....	382	741	565	458	718	838	986
Other and unallocated <sup>3</sup> .....	4464	539	718	2,096	2,416	2,516	2,802
Utility and liquor stores expenditure <sup>4</sup> .....	359	518	1,106	2,739	3,482	3,886	4,065
Liquor stores.....			302	734	905	863	946
Water supply system.....	255	320	368	849	1,150	1,479	1,461
Electric power system.....	75	92	216	534	751	819	895
Transit system.....	25	99	201	570	586	600	636
Gas supply system.....	4	7	19	52	90	125	128
Insurance trust expenditure.....	75	120	617	2,379	2,423	2,764	2,376
Employee retirement.....	30	75	169	361	679	722	825
Unemployment compensation.....			377	1,849	1,507	1,784	1,277
Other.....	45	45	71	169	237	258	274
By character and object:							
Current operation.....	3,477	5,179	7,057	15,948	21,508	23,186	25,528
Capital outlay.....	1,518	1,876	1,477	6,047	9,125	10,706	11,407
Construction.....	1,236	1,558	1,241	5,169	7,738	9,048	9,355
Land and existing structures.....					687	925	1,200
Equipment.....	282	318	236	415	700	733	852
Assistance and subsidies.....	152	388	1,056	2,918	2,634	2,660	2,620
Interest on debt (general and utility).....	430	840	706	613	916	1,059	1,220
Insurance trust benefits and withdrawals.....	75	120	617	2,379	2,423	2,764	2,376
Expenditure for personal services.....	2,984	3,541	4,515	10,048	14,343	16,589	17,118
<b>Debt outstanding at end of year</b> .....	<b>10,109</b>	<b>19,205</b>	<b>19,706</b>	<b>24,115</b>	<b>38,931</b>	<b>44,267</b>	<b>49,161</b>
Long-term.....	9,455	17,874	18,722	23,056	36,898	42,272	47,067
Short-term.....	654	1,331	984	1,060	2,033	1,995	2,093
Net change during year.....	1,446	232	-570	3,116	5,149	5,336	4,894

<sup>1</sup> Includes all local revenue received directly from Federal Government. <sup>2</sup> State expenditure only.<sup>3</sup> Interest on utility debt included in "utility expenditure." For total expenditure for interest on debt, see "Interest on debt (general and utility)," below.<sup>4</sup> Includes local expenditure for natural resources.Source: Department of Commerce, Bureau of the Census; *Historical Statistics on State and Local Government Finances, 1902-1953*, and annual report, *Summary of Governmental Finances*.

## No. 513.—SUMMARY OF STATE GOVERNMENT FINANCES: 1942 TO 1956

[In millions of dollars, except per capita]

ITEM	1942	1946	1950	1954	1955	1956	Per capita, 1956 <sup>1</sup>
<b>Revenue and borrowing</b>	<b>7, 040</b>	<b>8, 652</b>	<b>15, 331</b>	<b>21, 073</b>	<b>21, 821</b>	<b>24, 320</b>	<b>148.80</b>
Borrowing	170	77	1, 428	2, 239	2, 155	2, 121	12.98
Revenue, total	6, 870	8, 576	13, 903	18, 834	19, 667	22, 199	135.82
General revenue	5, 132	6, 253	11, 262	15, 299	16, 194	18, 389	112.51
Taxes, total	3, 803	4, 937	7, 930	11, 089	11, 597	13, 375	81.83
Sales and gross receipts	2, 218	2, 803	4, 670	5, 573	6, 894	7, 801	47.73
General	632	890	1, 670	2, 540	2, 637	3, 036	18.58
Motor fuels	940	836	1, 544	2, 218	2, 353	2, 687	16.44
Alcoholic beverages	257	402	420	463	471	540	3.34
Tobacco products	130	198	414	464	459	515	3.15
Insurance	113	145	241	353	370	401	2.45
Public utilities	100	132	185	263	283	300	1.84
Other	45	142	195	273	291	316	1.93
Licenses	708	783	1, 228	1, 707	1, 824	2, 024	12.38
Motor vehicles and operators	431	439	755	1, 098	1, 111	1, 208	7.39
Corporations in general	93	121	176	251	266	333	2.04
Alcoholic beverages	56	67	77	79	79	79	.43
Hunting and fishing	24	33	60	78			
Other	104	123	160	201	368	404	2.47
Individual income	249	389	724	1, 004	1, 094	1, 374	8.40
Corporation net income	269	442	586	772	737	890	5.44
Property	264	249	307	391	412	487	2.86
Death and gift	110	141	168	247	249	310	1.90
Servance	62	90	211	312	306	361	2.21
Other	23	41	36	83	112	149	.91
Intergovernmental revenue	858	864	2, 423	2, 882	2, 989	3, 206	20.16
From Federal Government	802	802	2, 275	2, 668	2, 762	3, 027	18.52
Public welfare	369	432	1, 107	1, 426	1, 428	1, 452	8.89
Education	137	99	345	277	299	344	2.11
Highways	169	66	438	542	592	739	4.52
Employment security administration	57	63	168	198	208	219	1.34
Other	69	140	217	225	234	273	1.67
From local governments	56	63	145	215	226	269	1.65
Charges and miscellaneous general revenue	370	482	909	1, 328	1, 608	1, 718	10.51
Liquor stores revenue	373	798	810	974	962	1, 019	6.23
Insurance trust revenue	1, 366	1, 494	1, 831	2, 560	2, 511	2, 791	17.08
Employee retirement	115	193	425	757	837	919	5.62
Unemployment compensation	1, 134	1, 162	1, 176	1, 466	1, 325	1, 500	9.18
Other	117	140	229	337	350	371	2.27
<b>Debt outstanding at end of fiscal year, total</b>	<b>3, 257</b>	<b>2, 353</b>	<b>5, 285</b>	<b>9, 600</b>	<b>11, 198</b>	<b>12, 890</b>	<b>78.86</b>
Long-term	3, 096	2, 328	5, 168	9, 317	10, 950	12, 643	77.35
Full faith and credit	2, 641	1, 970	4, 209	5, 770	5, 929	6, 213	38.01
Nonguaranteed	455	358	958	3, 547	5, 022	6, 430	39.34
Short-term	161	25	118	283	248	247	1.51
Net long-term	2, 563	1, 727	4, 246	7, 877	9, 493	11, 175	68.37
Full faith and credit only	2, 123	1, 351	3, 379	4, 481	4, 628	4, 896	29.96

See footnotes at end of table.

## No. 513.—SUMMARY OF STATE GOVERNMENT FINANCES: 1942 to 1956—Continued

[In millions of dollars, except per capita]

ITEM	1942	1946	1950	1954	1955	1956	Per capita, 1956 <sup>1</sup>
<b>Expenditure and debt redemption.....</b>	<b>5,746</b>	<b>7,296</b>	<b>15,373</b>	<b>19,184</b>	<b>20,907</b>	<b>22,211</b>	<b>135.89</b>
Debt redemption.....	403	231	291	497	550	524	3.21
Expenditure, total.....	5,343	7,066	15,082	18,686	20,357	21,686	132.68
General expenditure.....	4,549	5,245	12,250	15,787	17,176	18,857	115.37
Public safety.....	146	162	328	451	476	527	3.22
Public welfare.....	913	1,056	2,358	2,552	2,647	2,672	16.35
Old-age assistance.....	509	709	1,396	1,474	1,451	1,476	9.03
Aid to dependent children.....	134	153	480	518	549	569	3.48
Other (including all public welfare administration).....	270	195	481	559	646	628	3.84
Education.....	1,182	1,471	3,413	4,656	5,066	5,679	34.75
State institutions of higher education.....	296	397	1,107	1,324	1,468	1,678	10.27
Intergovernmental expenditure.....	790	953	2,054	2,934	3,150	3,541	21.67
Other.....	95	121	251	398	448	460	2.81
Highways.....	1,134	952	2,668	4,126	4,810	5,351	32.74
Regular State highway facilities.....	771	606	1,953	2,777	3,033	3,314	20.28
State toll highway facilities.....	19	7	105	477	866	1,053	6.44
Intergovernmental expenditure.....	344	339	610	871	911	984	6.02
Health and hospitals.....	311	447	1,042	1,402	1,464	1,602	9.80
State hospitals and institutions for handicapped.....	235	308	788	1,089	1,145	1,216	7.44
Other.....	75	139	254	312	318	387	2.36
Nonhighway transportation.....	(2)	(2)	56	57	47	64	.30
Housing and community redevelopment.....	(2)	(2)	7	14	15	20	.12
Natural resources.....	160	209	477	572	610	681	4.17
Employment security administration.....	59	60	172	190	207	215	1.31
General control.....	166	195	322	426	455	485	2.96
Miscellaneous and unallocable.....	479	692	1,407	1,345	1,380	1,561	9.55
Veterans' services.....	1	54	482	103	62	89	.55
State aid for unspecified purposes.....	224	357	482	600	591	631	3.86
Interest.....	122	84	109	193	251	311	1.90
Other (includes intergovernmental aid for specific purposes not elsewhere classified).....	132	196	354	449	476	530	3.24
Liquor stores expenditure.....	288	663	654	803	770	845	5.17
Insurance trust expenditure.....	505	1,158	2,177	2,096	2,411	1,984	12.14
Employee retirement.....	65	92	103	355	373	437	2.67
Unemployment compensation.....	369	965	1,845	1,604	1,780	1,273	7.79
Other.....	71	102	169	237	258	274	1.68
<b>Expenditure by character and object:</b>							
Direct expenditure.....	3,563	4,974	10,864	13,008	14,371	15,148	92.68
Current operation.....	1,827	2,701	4,450	5,886	6,234	6,758	41.34
Capital outlay.....	642	368	2,237	3,347	3,992	4,504	27.92
Construction.....	(3)	292	1,060	2,831	3,404	3,872	23.69
Purchase of land and existing structures.....	(3)	33	131	342	412	489	2.99
Equipment.....	(3)	42	141	173	177	203	1.24
Assistance and subsidies.....	466	663	1,891	1,486	1,482	1,551	9.37
Interest on debt.....	122	84	109	193	251	311	1.90
Insurance benefits and repayments.....	505	1,158	2,177	2,096	2,411	1,984	12.14
Intergovernmental expenditure.....	1,780	2,092	4,217	5,679	5,986	6,538	40.00
<b>Cash and security holdings, end of fiscal year, total.....</b>	<b>(3)</b>	<b>(3)</b>	<b>(3)</b>	<b>25,536</b>	<b>26,526</b>	<b>23,899</b>	<b>176.81</b>
Unemployment fund balance in U. S. Treasury.....	(3)	(3)	(3)	8,362	7,906	8,140	49.80
Cash and other deposits.....	(3)	(3)	(3)	3,887	4,014	4,200	25.70
Securities.....	(3)	(3)	(3)	13,287	14,605	16,558	101.31
<b>Total by purpose:</b>							
Insurance trust.....	(3)	(3)	(3)	14,921	15,310	16,528	101.12
Debt offsets.....	(3)	(3)	(3)	1,440	1,457	1,468	8.98
Other.....	(3)	(3)	(3)	9,175	9,759	10,902	66.70

<sup>1</sup> Based on estimated population on July 1, 1954, excluding Armed Forces overseas.<sup>2</sup> Included in "Miscellaneous and unallocable."<sup>3</sup> Not available.Source: Department of Commerce, Bureau of the Census; special study, *Revised Summary of State Government Finances, 1948-1950*, and annual report, *Compendium of State Government Finances*.



## No. 514.—STATE TAX COLLECTIONS, BY TYPE OF TAX, BY STATES: 1957

[In thousands of dollars. Includes local shares of State-imposed taxes]

STATE	Total <sup>1</sup>	SALES AND GROSS RECEIPTS					Motor vehicle and operators licenses	Individual income	Corporation net income	Property
		Total <sup>1</sup>	General sales or gross receipts	Motor vehicle fuels	Alcoholic beverages	Tobacco products				
Number of States using tax.....	48	48	33	48	48	42	48	31	33	45
<b>Total.....</b>	<b>14,530,749</b>	<b>8,435,651</b>	<b>3,373,115</b>	<b>2,823,011</b>	<b>569,184</b>	<b>556,018</b>	<b>1,367,816</b>	<b>1,562,900</b>	<b>984,407</b>	<b>479,150</b>
Alabama.....	229,647	165,992	74,265	63,473	7,576	10,716	4,956	<sup>2</sup> 30,182	<sup>2</sup> 1,312	11,306
Arizona.....	107,026	66,514	35,325	19,701	2,958	2,561	7,952	<sup>2</sup> 15,061	(?)	14,711
Arkansas.....	125,260	87,214	35,763	34,086	5,569	7,298	12,689	5,413	9,777	314
California.....	1,637,187	1,032,935	603,333	281,295	39,284	-----	112,213	143,339	167,339	107,553
Colorado.....	153,255	84,893	42,069	32,390	4,550	-----	13,199	23,188	4,399	12,049
Connecticut.....	227,614	160,085	79,198	41,993	7,310	10,059	15,746	-----	29,765	13
Delaware.....	44,698	13,989	-----	7,270	1,499	1,613	3,901	14,471	-----	<sup>3</sup> 750
Florida.....	375,661	285,504	100,880	101,072	38,376	6,183	45,832	-----	-----	7,426
Georgia.....	314,513	243,534	124,282	74,867	19,523	16,077	15,418	25,985	21,880	928
Idaho.....	50,714	21,002	-----	13,998	1,556	-----	8,508	10,082	4,135	2,389
Illinois.....	690,765	564,445	296,062	129,441	25,653	33,437	91,773	-----	-----	697
Indiana.....	298,122	228,809	123,768	69,169	13,611	<sup>4</sup> 14,426	35,027	-----	-----	16,500
Iowa.....	247,906	158,749	86,686	55,229	3,122	7,312	43,316	28,673	3,861	3,792
Kansas.....	158,035	103,261	51,269	35,545	4,893	6,111	10,599	13,266	4,605	10,529
Kentucky.....	201,160	98,517	-----	54,216	15,935	8,040	11,345	45,346	17,470	15,446
Louisiana.....	372,927	215,659	80,760	56,908	18,881	22,323	12,588	<sup>2</sup> 29,284	(?)	12,155
Maine.....	70,565	52,761	17,122	20,907	2,109	5,759	8,748	-----	-----	2,460
Maryland.....	250,637	137,243	45,762	47,183	8,603	-----	22,216	51,355	19,457	9,111
Massachusetts.....	413,595	143,978	-----	62,393	24,984	28,894	22,646	111,222	<sup>5</sup> 30,449	2,330
Michigan.....	771,482	624,417	328,805	135,845	7,367	27,192	72,939	-----	-----	33,671
Minnesota.....	292,567	108,255	-----	50,148	15,945	13,299	36,287	64,445	21,706	14,642
Mississippi.....	160,523	113,933	55,580	40,067	3,909	7,931	7,043	5,982	13,920	3,632
Missouri.....	266,152	168,461	100,629	41,550	5,944	9,591	34,192	<sup>2</sup> 37,566	(?)	10,140
Montana.....	62,632	25,288	-----	17,681	1,980	3,132	3,741	7,550	2,360	4,973
Nebraska.....	73,683	40,272	-----	20,947	2,850	3,929	4,875	-----	-----	23,828
Nevada.....	35,267	26,665	9,914	7,744	901	1,177	3,832	-----	-----	2,185
New Hampshire.....	33,265	17,707	-----	9,166	1,031	3,216	6,169	1,540	-----	2,013
New Jersey.....	289,720	162,960	-----	70,632	19,723	33,416	62,392	-----	-----	2,795
New Mexico.....	97,114	63,859	35,231	20,770	1,858	3,574	10,275	<sup>2</sup> 5,187	(?)	6,487
New York.....	1,440,454	433,489	-----	132,592	55,001	61,632	129,249	476,312	251,284	2,803
North Carolina.....	369,779	208,161	73,595	91,155	14,471	-----	27,504	52,873	45,582	8,309
North Dakota.....	61,750	32,165	14,218	10,688	2,825	2,997	8,740	3,444	1,174	2,623
Ohio.....	676,731	516,774	234,588	142,070	40,464	32,664	94,747	-----	-----	26,921
Oklahoma.....	236,720	135,133	49,753	62,772	5,942	11,387	33,415	12,563	10,457	<sup>6</sup> 1
Oregon.....	193,985	40,921	-----	34,145	1,273	-----	26,269	92,245	20,713	18
Pennsylvania.....	985,222	505,532	189,933	180,972	47,119	45,031	81,559	-----	164,059	1,506
Rhode Island.....	62,563	44,486	15,085	9,313	2,358	3,415	6,435	-----	7,880	-----
South Carolina.....	184,344	132,374	53,469	45,632	13,535	5,914	8,882	16,387	17,412	889
South Dakota.....	42,659	32,069	13,010	11,076	2,303	1,816	6,028	-----	188	628
Tennessee.....	268,896	195,917	92,407	71,433	8,111	14,619	22,344	4,422	10,647	<sup>6</sup> 10
Texas.....	658,840	305,961	-----	164,702	30,114	45,283	65,039	-----	-----	32,407
Utah.....	76,746	44,309	23,410	15,535	826	1,961	5,163	10,081	8,224	2,671
Vermont.....	34,916	13,625	-----	6,691	3,019	1,857	6,081	9,132	2,283	352
Virginia.....	315,908	118,915	-----	68,890	8,122	-----	22,366	<sup>7</sup> 106,048	27,453	14,126
Washington.....	354,922	295,031	197,950	54,628	8,621	13,153	17,467	-----	-----	22,984
West Virginia.....	155,134	134,415	79,334	28,354	3,398	9,431	13,314	-----	-----	292
Wisconsin.....	355,977	109,511	-----	64,581	13,618	14,775	38,379	110,256	55,646	24,560
Wyoming.....	33,499	19,902	9,670	8,166	546	718	5,418	-----	-----	6,035

<sup>1</sup> Includes amounts for types of taxes not shown separately.<sup>2</sup> Combined corporation and individual income taxes as reported by 5 States (Alabama, Arizona, Louisiana, Missouri, and New Mexico) tabulated with individual income taxes. Amount shown as corporation tax for Alabama represents taxes on financial institutions only.<sup>3</sup> Tax for State Board Unit Schools.<sup>4</sup> Includes related license taxes.<sup>5</sup> Excludes amounts for corporation excise taxes and surtaxes measured in part by net income and in part by corporate excess.<sup>6</sup> Back taxes only; not counted with "Number of States using tax."<sup>7</sup> Includes collections for "income" years of both 1955 and 1956.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of State Government Finances in 1957*.

## No. 515.—GENERAL REVENUE AND GENERAL EXPENDITURE

[In thousands of dollars. See also

STATE	GENERAL REVENUE					GENERAL EXPENDITURE		
	Total	Taxes <sup>1</sup>	Intergovernmental revenue		Charges and miscellaneous	Total	Public safety	Public welfare
			From Federal government	From local governments				
1 Total.....	18,389,095	13,375,451	3,026,654	269,060	1,717,930	18,857,116	526,978	2,672,463
2 Alabama.....	337,884	220,461	80,400	7,368	29,655	352,407	7,292	57,383
3 Arizona.....	147,211	99,745	28,594	1,237	17,635	144,105	3,015	17,703
4 Arkansas.....	174,884	117,183	44,642	861	12,198	167,997	2,375	31,421
5 California.....	2,036,524	1,532,872	352,950	14,999	135,703	2,043,353	66,942	312,331
6 Colorado.....	224,925	144,298	51,604	752	28,271	222,866	5,659	69,900
7 Connecticut.....	259,366	205,616	24,840	1,272	27,638	294,602	13,476	30,614
8 Delaware.....	71,580	48,735	6,483	1,263	15,099	89,874	2,123	5,149
9 Florida.....	448,701	335,376	67,991	20,648	24,686	444,661	8,028	58,987
10 Georgia.....	404,124	295,316	79,792	5,161	23,855	415,155	7,539	70,034
11 Idaho.....	83,545	47,539	24,332	1,079	10,595	80,542	1,690	9,781
12 Illinois.....	812,907	641,143	129,153	5,840	36,771	740,892	22,352	129,165
13 Indiana.....	384,059	279,659	50,523	2,866	51,911	514,739	14,955	30,217
14 Iowa.....	322,841	230,379	53,399	12,861	26,202	314,126	7,187	42,216
15 Kansas.....	232,678	160,266	44,922	4,442	23,048	310,304	6,362	35,216
16 Kentucky.....	244,772	171,319	54,054	1,842	17,557	261,894	0,183	42,525
17 Louisiana.....	556,951	337,236	97,166	9,038	113,511	550,538	11,835	115,005
18 Maine.....	99,678	66,465	18,535	3,030	11,648	119,045	3,955	15,596
19 Maryland.....	309,704	250,270	26,704	3,025	29,705	331,799	13,902	18,315
20 Massachusetts.....	516,480	387,303	77,873	22,590	28,714	608,457	18,364	111,541
21 Michigan.....	976,193	768,369	110,299	18,216	89,309	1,015,650	27,606	91,503
22 Minnesota.....	414,223	284,450	65,760	0,026	54,987	372,799	9,346	45,696
23 Mississippi.....	220,311	150,845	51,199	1,836	16,431	207,730	4,223	33,997
24 Missouri.....	393,866	257,364	119,275	2,036	15,191	387,066	9,227	115,386
25 Montana.....	87,238	49,255	21,790	1,911	14,282	87,266	2,441	12,565
26 Nebraska.....	131,174	74,930	32,392	7,180	16,672	128,521	5,014	16,830
27 Nevada.....	49,510	29,203	13,212	645	6,450	43,076	919	2,884
28 New Hampshire.....	49,801	30,790	9,352	2,342	7,317	61,827	1,880	6,363
29 New Jersey.....	380,165	258,190	42,456	19,928	59,591	512,218	21,367	34,738
30 New Mexico.....	160,588	89,264	32,086	822	38,416	144,736	6,946	13,485
31 New York.....	1,683,393	1,356,611	212,473	3,512	110,797	1,749,587	54,927	237,160
32 North Carolina.....	471,719	352,531	79,563	3,463	36,162	440,711	11,113	40,273
33 North Dakota.....	97,584	50,563	17,995	2,388	26,638	90,385	1,981	8,672
34 Ohio.....	823,930	636,063	100,040	19,830	67,997	923,479	25,976	123,911
35 Oklahoma.....	343,455	229,642	75,820	1,318	36,675	367,857	6,652	98,164
36 Oregon.....	231,343	161,612	39,998	7,515	22,018	234,079	7,764	31,031
37 Pennsylvania.....	916,723	702,144	120,791	16,045	77,743	926,112	30,402	114,375
38 Rhode Island.....	82,118	60,529	15,532	616	5,441	93,552	2,687	16,780
39 South Carolina.....	243,923	178,915	39,414	2,492	23,102	254,906	4,286	28,133
40 South Dakota.....	85,284	48,363	19,279	2,641	15,001	84,286	2,183	10,153
41 Tennessee.....	334,814	249,959	64,904	5,232	14,719	304,905	7,173	47,943
42 Texas.....	943,139	623,126	178,605	3,900	137,508	844,151	15,465	138,167
43 Utah.....	103,795	68,627	23,064	1,590	10,514	102,874	2,083	14,490
44 Vermont.....	44,788	32,014	9,648	1,140	1,977	45,775	2,346	6,632
45 Virginia.....	314,882	226,507	39,399	3,071	45,905	335,818	14,614	18,336
46 Washington.....	448,073	337,749	64,653	940	44,722	435,071	9,618	77,370
47 West Virginia.....	192,695	144,004	35,293	540	12,798	191,107	4,233	30,799
48 Wisconsin.....	426,905	329,301	55,825	8,351	33,518	423,438	9,642	43,411
49 Wyoming.....	67,659	33,090	22,580	342	11,647	60,408	1,689	3,994

<sup>1</sup> See also table 513.

## OF STATE GOVERNMENTS, BY STATES: 1956

Historical Statistics, 1789-1945, series P 188-211]

GENERAL EXPENDITURE—Continued										
Education			Highways	Health and hospitals		Natural resources	General control	Interest	All other	Total inter-governmental expenditure
Total *	State institutions of higher education	Inter-governmental		State hospitals and institutions for the handicapped	Other					
5,679,408	1,678,422	3,541,210	5,351,097	1,215,773	386,511	681,087	484,563	310,953	1,548,283	6,538,247
120,244	29,372	93,478	99,762	10,751	7,204	11,105	7,764	1,943	19,869	132,917
43,308	18,074	23,603	35,303	3,628	1,520	10,931	4,600	144	47,642	47,642
51,971	18,971	29,796	46,252	8,137	2,742	7,552	3,655	3,565	20,387	44,137
752,742	211,499	515,038	442,617	89,595	23,983	90,704	58,192	18,294	184,953	1,056,697
55,356	29,501	20,832	56,229	12,581	1,582	8,808	5,848	839	0,064	106,528
53,252	15,426	28,925	97,725	32,089	8,953	6,270	10,847	6,003	29,463	36,857
29,898	5,928	11,811	13,525	4,918	1,692	1,803	2,211	3,039	5,516	13,259
150,393	33,924	106,935	131,340	21,811	12,508	25,359	12,164	4,312	19,739	131,215
180,730	25,663	101,825	86,515	17,535	11,042	15,067	7,997	7,403	11,293	132,954
17,839	6,902	10,252	33,332	3,486	1,219	6,515	1,326	159	5,195	18,798
194,160	78,899	107,605	208,006	56,929	42,555	19,974	20,763	13,085	33,903	222,141
159,097	75,364	80,539	223,125	31,841	4,083	13,597	9,935	8,846	19,043	156,890
81,301	42,675	35,250	115,251	17,419	1,822	9,976	4,700	461	33,793	106,697
69,772	33,274	33,510	136,172	20,073	2,407	7,971	5,795	5,600	20,796	90,334
62,469	19,398	39,254	95,073	9,290	6,171	17,510	9,661	2,322	10,600	47,948
156,887	42,384	100,800	114,287	34,200	5,938	22,780	10,272	9,851	69,923	152,796
18,058	6,600	8,373	51,948	6,986	2,476	6,624	2,755	3,713	6,934	14,302
70,767	21,832	45,118	127,378	28,946	9,021	7,884	9,175	10,838	35,573	118,719
65,704	12,510	47,759	173,958	66,537	6,703	7,312	19,002	20,017	119,319	214,530
377,646	137,887	231,691	247,299	62,664	27,345	23,161	18,111	12,467	127,848	435,523
137,838	52,038	82,845	101,381	25,738	3,484	17,119	7,839	1,606	22,852	153,117
67,006	16,506	44,741	59,149	8,097	4,356	10,219	3,900	2,488	14,302	74,039
96,468	27,999	65,417	105,473	18,962	3,431	11,275	10,978	336	15,530	76,950
25,879	12,495	12,376	27,504	4,335	685	6,713	2,212	1,155	3,837	13,537
28,085	20,350	5,652	53,380	11,493	1,027	6,106	1,717	97	4,772	34,974
10,251	2,350	7,411	16,248	577	983	6,900	2,053	68	2,193	10,240
8,959	5,852	1,640	24,117	5,513	2,502	4,214	2,119	719	5,441	4,064
110,481	41,299	65,421	219,647	36,363	7,745	10,715	16,247	26,145	28,770	108,011
67,255	20,717	43,011	33,990	4,061	2,448	5,964	4,592	1,011	4,985	47,152
474,597	61,022	393,904	348,481	205,445	45,491	67,383	66,957	51,161	197,995	816,795
193,606	41,562	21,017	109,197	28,661	7,953	14,713	7,433	6,679	21,083	78,075
21,525	9,583	11,160	25,166	4,813	2,890	5,085	1,724	803	17,726	17,960
201,073	77,988	118,623	377,132	54,674	12,442	18,010	24,612	15,066	70,583	331,170
97,938	35,015	58,547	110,824	15,140	3,092	15,904	6,294	6,340	7,509	92,670
66,759	24,088	38,295	71,817	12,488	4,061	17,068	8,789	3,085	11,217	62,661
250,403	43,488	173,345	282,535	86,936	21,121	26,116	26,824	29,365	58,035	215,240
13,581	4,799	6,293	22,384	9,498	3,721	2,488	4,629	1,627	16,157	16,432
123,907	21,690	91,017	45,064	10,629	5,002	13,025	5,356	4,514	15,080	108,007
15,284	8,964	5,475	31,019	3,025	874	5,307	1,372	-----	15,067	7,949
108,361	25,727	78,461	86,162	12,090	7,811	9,451	4,685	2,253	19,069	120,213
351,940	86,320	250,916	239,355	40,954	6,210	15,830	12,157	4,914	19,159	263,988
45,007	19,481	23,957	25,125	9,140	1,210	4,831	2,515	138	4,330	28,297
9,108	1,394	5,464	16,578	2,508	1,595	2,969	1,618	134	2,287	9,590
101,868	33,758	60,680	112,407	28,390	9,947	11,424	10,329	3,834	24,169	100,198
147,916	44,515	100,218	89,494	13,215	28,297	20,458	7,553	7,083	34,667	150,644
78,534	23,741	52,206	41,357	7,830	2,556	7,351	5,159	7,792	5,496	54,663
85,303	43,339	37,829	118,562	20,190	10,868	19,887	8,429	151	107,495	239,551
19,912	6,259	12,906	22,452	1,592	644	4,159	1,698	88	4,180	21,216

\* Includes amounts for items not shown separately.

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1956*.

## No. 516.—DEBT OF STATE GOVERNMENTS OUTSTANDING, BY STATES: 1956

[In thousands of dollars, except per capita. As of end of fiscal year. Includes special obligations of dependent State agencies as well as State general obligations]

STATE	Total debt	LONG-TERM DEBT			Short- term debt	NET LONG-TERM DEBT		PER CAPITA DEBT <sup>1</sup>		
		Total	Full faith and credit	Non- guar- anteed		Total	Full faith and credit	Total	Net long- term	
									Total	Full faith and credit
<b>Total.....</b>	<b>12,889,994</b>	<b>12,642,901</b>	<b>6,212,767</b>	<b>6,430,134</b>	<b>247,093</b>	<b>11,174,645</b>	<b>4,896,239</b>	<b>78.86</b>	<b>68.37</b>	<b>29.96</b>
Alabama.....	87,942	87,642	42,528	45,114	300	81,691	37,680	28.28	26.27	12.12
Arizona.....	5,829	5,829	175	5,654	—	5,340	167	5.79	5.30	.17
Arkansas.....	112,909	112,909	99,798	13,111	—	97,767	85,415	62.66	54.25	47.40
California.....	943,179	943,179	823,251	119,928	—	521,726	404,235	72.77	40.25	31.19
Colorado.....	35,149	34,421	—	34,421	728	33,517	—	22.72	21.67	—
Connecticut.....	477,787	321,447	121,447	200,000	156,350	303,362	114,791	217.18	137.89	52.18
Delaware.....	139,296	138,796	97,424	41,372	500	137,442	97,424	357.17	352.42	249.81
Florida.....	163,073	163,073	—	163,073	—	150,216	—	45.72	41.96	—
Georgia.....	235,873	235,873	38	235,835	—	217,054	—	64.41	59.27	—
Idaho.....	5,232	5,232	2,000	3,232	—	4,947	1,880	8.55	8.08	3.07
Illinois.....	699,156	699,156	253,481	445,675	—	674,290	229,730	75.17	72.50	24.70
Indiana.....	321,314	321,314	800	320,514	—	314,656	800	74.22	72.69	.13
Iowa.....	28,570	28,570	22,755	5,815	—	28,503	22,748	10.70	10.69	8.52
Kansas.....	175,818	175,818	—	175,818	—	175,553	—	85.35	85.22	—
Kentucky.....	70,409	70,409	—	70,409	—	69,083	—	23.38	22.94	—
Louisiana.....	317,695	317,695	234,925	82,770	—	292,801	212,734	108.28	99.80	72.51
Maine.....	119,385	119,385	35,999	83,386	—	118,202	35,775	131.77	130.47	39.49
Maryland.....	492,556	492,556	169,744	322,812	—	418,979	107,356	179.50	152.69	39.12
Massachusetts.....	934,473	924,963	647,454	277,509	9,450	919,296	643,241	195.77	192.60	134.77
Michigan.....	532,372	532,326	231,078	301,248	46	519,052	224,069	72.67	70.85	30.67
Minnesota.....	84,358	84,358	83,774	584	—	81,089	80,583	26.44	25.42	25.20
Mississippi.....	86,837	86,765	—	86,765	72	84,020	800	40.71	39.39	—
Missouri.....	7,531	7,531	3,000	4,531	—	3,992	—	1.79	.95	—
Montana.....	45,819	45,819	7,260	38,559	—	37,438	3,904	72.84	59.52	6.21
Nebraska.....	8,236	8,236	—	8,236	—	8,061	—	5.91	5.78	—
Nevada.....	2,938	2,938	2,938	—	—	2,893	2,893	12.50	12.31	12.31
New Hampshire.....	55,935	55,935	54,812	1,123	—	54,605	53,482	101.15	98.74	96.71
New Jersey.....	884,498	884,498	393,306	491,192	—	873,308	390,386	166.13	164.03	73.33
New Mexico.....	47,931	47,931	29,985	17,946	—	46,519	29,417	60.44	58.66	37.10
New York.....	1,938,895	1,888,895	1,122,043	766,852	50,000	1,343,354	584,523	121.02	83.85	36.43
North Carolina.....	281,900	281,900	281,430	470	—	230,337	229,990	64.89	53.02	52.94
North Dakota.....	18,538	18,538	13,979	4,559	—	4,258	36	28.83	6.62	.06
Ohio.....	590,693	590,693	236,724	353,969	—	583,742	229,866	66.04	65.26	25.70
Oklahoma.....	206,949	206,949	42,006	164,943	—	201,104	39,075	83.64	91.00	17.68
Oregon.....	171,674	171,674	171,569	105	—	114,361	114,340	101.88	67.87	67.86
Pennsylvania.....	1,244,709	1,217,709	351,301	866,318	27,000	1,189,045	342,378	114.21	109.11	31.42
Rhode Island.....	64,791	64,791	61,817	2,974	—	57,652	54,758	79.30	70.57	67.02
South Carolina.....	217,780	217,780	155,692	61,588	500	202,332	144,909	94.36	87.67	62.79
South Dakota.....	159	159	—	159	—	102	—	.23	.15	—
Tennessee.....	110,076	110,076	107,374	2,702	—	103,710	101,088	32.24	30.38	29.61
Texas.....	213,478	213,478	106,201	107,277	—	203,049	98,169	24.40	23.21	11.22
Utah.....	4,475	4,475	—	4,475	—	4,028	—	5.61	5.05	—
Vermont.....	6,626	6,626	6,626	—	—	6,626	6,626	17.91	17.91	17.91
Virginia.....	180,053	180,053	10,411	169,642	—	174,716	5,713	50.31	48.52	1.60
Washington.....	231,507	229,360	52,320	177,040	2,147	210,222	43,702	88.80	80.64	10.76
West Virginia.....	275,298	275,298	135,212	140,086	—	261,197	121,756	138.76	131.65	61.37
Wisconsin.....	5,845	5,845	—	5,845	—	5,845	—	1.58	1.58	—
Wyoming.....	3,898	3,898	—	3,898	—	3,503	—	12.49	11.23	—

<sup>1</sup> Based on estimated population July 1, 1955, excluding Armed Forces overseas.Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1956*.

## No. 517.—SUMMARY OF CITY GOVERNMENT FINANCES: 1952 TO 1956

[In millions of dollars, except per capita. Includes sample-based estimates for cities of less than 25,000 and thus subject to sampling variation. Per capita and percent figures computed on basis of amounts rounded to nearest thousand. Minus sign (—) denotes decrease]

ITEM	1952	1953	1954	1955	1956	Percent change, 1955 to 1956	Per capita, 1956 <sup>1</sup>
<b>Revenue and borrowing.....</b>	<b>9,574</b>	<b>10,474</b>	<b>11,510</b>	<b>12,397</b>	<b>13,132</b>	<b>5.9</b>	<b>136.68</b>
Borrowing.....	1,296	1,489	1,925	2,170	2,190	0.9	22.79
General.....	(2)	1,027	1,441	1,642	1,519	-7.5	15.81
Utility.....	(2)	462	484	528	670	27.0	6.98
Revenue.....	8,278	8,985	9,585	10,227	10,942	7.0	113.89
General revenue.....	6,351	6,898	7,327	7,824	8,442	7.9	87.86
Taxes.....	4,183	4,552	4,796	5,100	5,447	6.8	56.69
Property.....	3,144	3,375	3,585	3,767	3,986	5.8	41.43
Sales and gross receipts.....	598	685	659	728	833	14.5	8.68
General.....	360	418	389	433	521	20.3	5.42
Selective.....	239	267	270	295	313	6.0	3.25
Licenses and other.....	440	492	552	606	627	3.6	0.53
Intergovernmental revenue.....	1,212	1,283	1,336	1,438	1,566	8.8	16.30
From State governments only.....	1,073	1,140	1,177	1,236	1,346	8.9	14.01
Charges and miscellaneous.....	956	1,063	1,195	1,285	1,429	11.2	14.87
Current charges only.....	546	599	668	756	821	8.6	8.55
Utility revenue.....	1,718	1,864	2,011	2,137	2,212	3.5	23.02
Water system.....	758	830	877	952	1,002	5.3	10.43
Electric power system.....	542	587	624	677	682	0.8	7.10
Gas supply system.....	49	60	62	68	90	32.4	.03
Transit system.....	320	333	391	384	380	-1.0	3.95
Liquor stores.....	50	54	56	57	58	2.0	.61
Insurance-trust revenue.....	209	223	246	267	289	8.4	3.01
<b>Expenditure and debt redemption.....</b>	<b>9,053</b>	<b>9,898</b>	<b>10,843</b>	<b>11,523</b>	<b>12,258</b>	<b>6.4</b>	<b>127.59</b>
Debt redemption.....	671	759	937	982	993	1.1	10.34
General.....	(2)	(2)	703	771	765	-0.8	7.96
Utility.....	(2)	(2)	234	211	228	8.1	2.38
Expenditure for all purposes.....	8,383	9,139	9,906	10,541	11,265	6.9	117.25
General expenditure.....	6,303	6,857	7,500	7,976	8,522	6.8	88.70
Police.....	685	752	816	884	948	7.2	9.86
Fire.....	504	544	588	610	645	5.7	6.71
Highways.....	860	958	1,023	1,115	1,186	6.4	12.34
Sanitation.....	728	770	911	960	1,061	10.6	11.05
Public welfare.....	438	434	448	479	479	-0.1	4.98
Education.....	954	1,020	1,093	1,155	1,237	7.1	12.87
City-operated schools.....	917	985	1,047	1,114	1,206	8.2	12.55
Libraries.....	100	110	120	128	135	5.8	1.40
Health and hospitals.....	481	526	547	579	616	6.4	6.41
Own hospitals.....	387	371	389	410	417	1.6	4.34
Other.....	144	156	158	168	199	18.1	2.07
Recreation.....	277	324	370	408	420	3.0	4.37
Housing and community redevelopment.....	148	204	269	209	224	7.2	2.33
Nonhighway transportation.....	112	117	134	145	150	3.2	1.56
General control.....	367	371	417	438	471	7.5	4.90
General public buildings.....	89	98	120	122	125	2.1	1.30
Interest on general debt.....	202	215	232	246	273	10.8	2.84
Other and unallocable general expenditure.....	358	415	413	499	555	11.2	5.77
Utility expenditure.....	1,845	2,032	2,134	2,274	2,426	6.7	25.25
Water system.....	855	930	1,000	1,087	1,182	8.8	12.31
Electric system.....	501	587	601	601	621	3.3	6.46
Gas supply system.....	42	48	61	88	90	2.1	.93
Transit system.....	407	416	425	452	483	7.0	5.03
Liquor stores.....	40	51	47	46	50	0.1	.52
Insurance-trust expenditure.....	234	250	272	291	317	8.8	3.29
Expenditure by character and object:							
Current operation.....	5,519	5,972	6,361	6,757	7,284	7.8	75.81
Capital outlay.....	1,850	2,119	2,417	2,586	2,779	7.5	28.92
Construction.....	1,511	1,769	2,020	2,142	2,253	5.2	23.45
Land and existing structures.....	156	170	183	214	267	24.5	2.78
Equipment.....	183	181	215	229	259	12.9	2.69
Intergovernmental expenditure.....	68	78	97	106	94	-11.3	.97
Assistance and subsidies.....	370	361	370	392	345	-12.0	3.59
Interest on debt.....	341	359	389	410	447	9.1	4.65
Insurance-trust expenditure.....	234	250	272	291	317	8.8	3.30
Total personal services <sup>3</sup> .....	3,860	4,179	4,463	4,749	5,083	7.1	52.91
<b>Debt outstanding at end of fiscal year.....</b>	<b>12,659</b>	<b>13,558</b>	<b>14,587</b>	<b>15,973</b>	<b>16,937</b>	<b>6.0</b>	<b>176.28</b>
Long-term.....	12,113	12,913	13,892	15,302	16,139	5.5	167.99
Net long-term.....	10,503	11,265	12,252	13,632	14,454	6.0	150.44
Full faith and credit.....	9,556	9,965	10,415	10,864	11,497	5.8	119.66
Nonguaranteed.....	2,557	2,947	3,478	4,438	4,643	4.6	48.32
Short-term.....	546	646	695	671	797	18.7	8.30

<sup>1</sup> Based on city population as of 1950.<sup>2</sup> Not available.<sup>3</sup> Included in items shown above.

## No. 518.—ASSESSED VALUE OF PROPERTY SUBJECT TO STATE AND LOCAL

[In millions of dollars. Relates to officially recorded or "assessed" values, which should not be interpreted as amounts rounded to the nearest thousand. Excludes value

STATE	TOTAL ASSESSED VALUE		STATE-ASSESSED PROPERTY (ALL SUBJECT TO TAX)				LOCALLY ASSESSED PROPERTY				
	Gross (before exemptions)	Subject to tax (after deduction of exemptions)	Total	Railroads	Other public utilities	All other	Gross assessed value (before exemptions)			Tax-exempt portion	
							Total	Real property	Personal property	Real property	Personal property
United States.....	280,432	272,444	22,459	6,546	13,354	2,558	257,973	209,704	48,269	6,906	1,081
Alabama.....	2,260	2,260	372	128	244	—	1,888	1,291	597	—	—
Arizona.....	1,330	1,289	405	113	46	305	865	554	312	49	43
Arkansas.....	934	934	211	62	149	—	723	466	257	—	—
California.....	22,686	21,819	2,865	406	2,449	—	19,831	16,212	3,620	708	159
Colorado.....	3,131	3,008	347	136	211	—	2,784	2,126	658	—	63
Connecticut.....	6,848	6,634	—	—	—	—	6,848	5,058	1,790	158	56
Delaware.....	928	928	—	—	—	—	928	928	—	—	—
Dist. of Columbia.....	2,332	2,332	—	—	—	—	2,332	1,949	384	—	—
Florida.....	6,858	4,530	134	131	3	—	6,724	5,817	906	2,328	—
Georgia.....	3,099	2,338	344	101	243	—	2,755	1,792	963	653	108
Idaho.....	608	603	148	64	85	—	460	353	106	6	—
Illinois.....	28,609	28,609	1,559	1,098	9	451	27,050	21,000	5,451	—	—
Indiana.....	7,453	7,029	1,026	325	701	—	6,427	4,114	2,313	395	29
Iowa.....	4,717	4,607	475	124	351	—	4,242	3,533	709	87	23
Kansas.....	4,290	4,177	766	283	484	—	3,524	2,282	1,242	—	113
Kentucky.....	3,618	3,618	884	270	400	215	2,734	2,295	439	—	—
Louisiana.....	2,937	2,341	597	108	489	—	2,340	1,675	665	506	—
Maine.....	1,159	1,147	—	—	—	—	1,159	927	231	12	—
Maryland.....	6,719	6,719	1,288	73	648	567	5,431	5,222	209	—	—
Massachusetts.....	8,590	8,590	—	—	—	—	8,590	7,823	767	—	—
Michigan.....	14,531	14,531	—	—	—	—	14,531	10,102	4,429	—	—
Minnesota.....	2,009	2,009	19	—	19	—	1,990	1,590	401	—	—
Mississippi.....	1,296	1,006	291	71	220	—	1,005	689	316	290	—
Missouri.....	6,837	6,837	704	237	467	—	6,133	4,618	1,516	—	—
Montana.....	619	619	147	67	42	38	472	272	200	—	—
Nebraska.....	2,956	2,956	142	139	4	—	2,814	2,112	701	—	—
Nevada.....	620	585	154	71	43	40	466	353	113	27	8
New Hampshire.....	1,021	988	—	—	—	—	1,021	926	95	33	—
New Jersey.....	7,609	7,349	175	175	—	—	7,434	6,361	1,073	137	122
New Mexico.....	1,045	938	482	84	158	241	563	458	105	69	37
New York.....	36,219	35,287	1,556	150	1,406	—	34,663	34,662	—	932	—
North Carolina.....	6,696	6,479	282	146	117	19	6,414	4,037	2,377	—	217
North Dakota.....	640	640	94	61	34	—	546	403	143	—	—
Ohio.....	22,071	22,071	2,797	773	2,024	—	19,274	14,150	5,124	—	—
Oklahoma.....	2,428	2,008	501	145	357	—	1,927	1,440	487	363	57
Oregon.....	2,067	2,051	260	72	187	—	1,807	1,403	405	13	4
Pennsylvania.....	11,951	11,951	—	—	—	—	11,951	11,951	—	—	—
Rhode Island.....	2,260	2,192	—	—	—	—	2,260	1,752	507	40	28
South Carolina.....	936	936	236	29	84	123	700	302	397	—	—
South Dakota.....	1,930	1,930	95	35	60	—	1,835	1,300	536	—	—
Tennessee.....	2,974	2,974	481	224	257	—	2,493	2,221	272	—	—
Texas.....	10,553	10,553	123	41	82	—	10,430	7,708	2,722	—	—
Utah.....	1,165	1,165	489	81	86	321	676	483	193	—	—
Vermont.....	429	429	—	—	—	—	429	359	70	—	—
Virginia.....	5,024	5,024	510	—	510	—	4,514	3,501	1,014	—	—
Washington.....	2,668	2,678	233	95	134	4	2,455	1,884	571	—	10
West Virginia.....	3,401	3,401	823	341	481	—	2,578	1,341	1,237	—	—
Wisconsin.....	8,548	8,548	—	—	—	—	8,548	7,064	1,484	—	—
Wyoming.....	801	794	392	90	69	234	409	265	144	11	6

## GENERAL PROPERTY TAXATION, BY CLASS OF PROPERTY, BY STATES: 1956

representing the current market worth of taxable property. Percent figures are computed on the basis of property of property wholly exempt from local property taxes]

LOCALLY ASSESSED PROPERTY—Con.			PERCENT DISTRIBUTION OF ASSESSED VALUE SUBJECT TO TAX						STATE
Assessed value subject to tax (after deduction of ex- emptions)			Total	State-assessed			Locally assessed		
Total	Real property	Personal property		Rail- roads	Other public utilities	Other	Real property	Personal property	
249,986	202,798	47,188	100.0	2.4	4.9	0.9	74.4	17.4	United States.
1,888	1,291	597	100.0	5.7	10.8	---	57.1	26.4	Alabama.
775	505	269	100.0	9.1	3.7	24.6	40.7	21.7	Arizona.
723	466	257	100.0	6.7	16.0	---	49.9	27.5	Arkansas.
18,964	15,504	3,460	100.0	1.9	11.2	---	71.1	15.9	California.
2,721	2,126	595	100.0	4.4	6.9	---	69.3	19.4	Colorado.
6,634	4,900	1,734	100.0	---	---	---	73.9	26.1	Connecticut.
928	928	---	100.0	---	---	---	100.0	---	Delaware.
2,332	1,949	384	100.0	---	---	---	83.5	16.5	Dist. of Columbia.
4,396	3,490	906	100.0	2.9	0.1	---	77.0	20.0	Florida.
1,994	1,139	855	100.0	4.3	10.4	---	48.7	36.6	Georgia.
454	348	106	100.0	10.5	14.1	---	57.7	17.7	Idaho.
27,051	21,600	5,451	100.0	3.8	---	1.6	75.5	19.0	Illinois.
6,003	3,719	2,284	100.0	4.6	10.0	---	52.9	32.5	Indiana.
4,133	3,446	687	100.0	2.7	7.6	---	74.8	14.9	Iowa.
3,411	2,282	1,129	100.0	6.8	11.6	---	54.6	27.0	Kansas.
2,734	2,295	439	100.0	7.5	11.0	5.9	63.4	12.1	Kentucky.
1,744	1,079	665	100.0	4.6	20.9	---	46.1	28.4	Louisiana.
1,147	915	231	100.0	---	---	---	79.8	20.2	Maine.
5,431	5,222	209	100.0	1.1	9.6	8.4	77.7	3.1	Maryland.
8,590	7,823	767	100.0	---	---	---	91.1	8.9	Massachusetts.
14,531	10,102	4,429	100.0	---	---	---	69.5	30.5	Michigan.
1,990	1,590	401	100.0	---	0.9	---	79.1	19.9	Minnesota.
715	379	336	100.0	7.1	21.8	---	37.7	33.4	Mississippi.
6,133	4,613	1,510	100.0	3.5	6.8	---	67.5	22.2	Missouri.
472	272	200	100.0	10.8	6.8	6.1	44.0	32.3	Montana.
2,813	2,112	701	100.0	4.7	0.1	---	71.5	23.7	Nebraska.
431	326	105	100.0	12.1	7.3	6.8	55.8	18.0	Nevada.
988	893	95	100.0	---	---	---	90.4	9.6	New Hampshire.
7,175	6,224	951	100.0	2.4	---	---	84.7	12.9	New Jersey.
466	388	68	100.0	8.9	16.8	25.6	41.4	7.2	New Mexico.
33,730	33,730	---	100.0	0.4	4.0	---	95.6	---	New York.
6,197	4,037	2,160	100.0	2.2	1.8	0.3	62.3	33.3	North Carolina.
546	403	143	100.0	9.5	5.3	---	62.9	22.4	North Dakota.
10,274	14,150	5,124	100.0	3.5	9.2	---	64.1	23.2	Ohio.
1,506	1,077	430	100.0	7.2	17.8	---	53.6	21.4	Oklahoma.
1,792	1,390	401	100.0	3.5	9.1	---	67.8	19.6	Oregon.
11,951	11,951	---	100.0	---	---	---	100.0	---	Pennsylvania.
2,102	1,712	480	100.0	---	---	---	73.1	21.9	Rhode Island.
700	302	397	100.0	3.1	9.0	13.1	32.3	42.5	South Carolina.
1,836	1,300	536	100.0	1.8	3.1	---	67.3	27.8	South Dakota.
2,493	2,221	272	100.0	7.5	8.6	---	74.7	9.1	Tennessee.
10,429	7,708	2,722	100.0	0.4	0.8	---	73.0	25.8	Texas.
676	483	193	100.0	7.0	7.4	27.6	41.5	16.6	Utah.
429	359	70	100.0	---	---	---	83.7	16.3	Vermont.
4,514	3,501	1,014	100.0	---	10.1	---	69.7	20.2	Virginia.
2,445	1,884	561	100.0	3.5	5.0	0.2	70.4	20.9	Washington.
2,578	1,341	1,237	100.0	10.0	14.2	---	39.4	36.3	West Virginia.
8,548	7,064	1,484	100.0	---	---	---	82.6	17.4	Wisconsin.
391	254	138	100.0	11.4	8.8	29.8	32.4	17.6	Wyoming.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Property Tax Assessments in the United States*.

**NO. 519.—GROSS ASSESSED VALUE OF LOCALLY ASSESSED TAXABLE REAL PROPERTY,  
BY TYPE OF PROPERTY, BY STATES: 1956**

[Relates to officially recorded or "assessed" values, which should not be interpreted as representing current market worth of taxable property. Figures for particular types of property are estimates subject to sampling variation]

STATE	AMOUNT (\$1,000,000)					PERCENT				
	Total <sup>1</sup>	Residential (non-farm)	Acreage and farms	Vacant lots	Commercial and industrial property	Total <sup>1</sup>	Residential (non-farm)	Acreage and farms	Vacant lots	Commercial and industrial property
<b>United States.....</b>	<b>209,704</b>	<b>113,481</b>	<b>23,013</b>	<b>4,743</b>	<b>58,073</b>	<b>100.0</b>	<b>54.1</b>	<b>13.8</b>	<b>2.3</b>	<b>27.7</b>
Alabama.....	1,291	622	258	37	369	100.0	48.2	20.0	2.9	28.6
Arizona.....	554	346	82	18	106	100.0	62.4	14.8	3.2	19.1
Arkansas.....	486	189	164	11	86	100.0	40.6	35.2	2.4	18.5
California.....	16,212	8,868	1,784	470	5,090	100.0	54.7	11.0	2.9	31.4
Colorado.....	2,126	1,093	427	64	521	100.0	51.4	20.1	3.0	24.5
Connecticut.....	5,058	3,384	202	66	1,366	100.0	66.9	4.0	1.3	27.0
Delaware.....	928	570	75	12	251	100.0	62.4	8.1	1.3	27.0
District of Columbia.....	1,949	1,196	—	84	666	100.0	61.4	—	4.3	34.2
Florida.....	5,817	3,822	430	262	1,263	100.0	65.7	7.4	4.5	21.8
Georgia.....	1,792	1,070	272	43	398	100.0	59.7	15.2	2.4	22.2
Idaho.....	353	89	195	5	64	100.0	25.1	55.2	1.3	18.0
Illinois <sup>2</sup> .....	21,600	10,662	4,255	605	5,702	100.0	48.9	19.7	2.8	26.4
Indiana.....	4,114	2,160	995	99	831	100.0	52.5	24.2	2.4	20.2
Iowa.....	3,538	979	2,074	28	445	100.0	27.7	58.7	0.8	12.6
Kansas.....	2,282	730	1,232	34	276	100.0	32.0	54.0	1.5	12.1
Kentucky.....	2,295	1,099	633	34	470	100.0	47.9	27.6	1.5	20.5
Louisiana.....	1,675	906	236	45	486	100.0	54.1	14.1	2.7	20.0
Maine.....	927	506	102	12	260	100.0	54.6	11.0	1.3	28.0
Maryland.....	5,222	3,604	444	110	1,055	100.0	69.0	8.5	2.1	20.2
Massachusetts.....	7,823	5,053	156	133	2,417	100.0	64.6	2.0	1.7	30.9
Michigan.....	10,102	5,788	980	232	3,091	100.0	57.3	9.7	2.3	30.6
Minnesota <sup>3</sup> .....	1,590	588	422	25	529	100.0	37.0	27.8	1.6	33.3
Mississippi.....	669	282	264	14	108	100.0	42.2	39.5	2.1	16.1
Missouri.....	4,618	2,221	1,016	83	1,224	100.0	48.1	22.0	1.8	26.5
Montana <sup>4</sup> .....	272	94	100	2	72	100.0	34.5	36.9	0.9	26.4
Nebraska.....	2,112	636	1,196	21	253	100.0	30.1	56.6	1.0	12.2
Nevada.....	353	152	58	12	213	100.0	43.0	16.4	3.5	37.1
New Hampshire.....	926	514	72	14	319	100.0	55.5	7.8	1.5	34.4
New Jersey.....	6,361	3,925	172	172	2,061	100.0	61.7	2.7	2.7	32.4
New Mexico.....	458	287	118	11	60	100.0	58.4	25.8	2.5	13.1
New York.....	34,602	20,243	728	659	12,860	100.0	58.4	2.1	1.9	37.1
North Carolina.....	4,037	1,720	860	77	1,183	100.0	42.6	21.3	1.9	29.3
North Dakota <sup>4</sup> .....	403	75	283	6	37	100.0	18.6	70.3	1.4	9.3
Ohio.....	14,150	8,405	1,670	382	3,637	100.0	59.4	11.8	2.7	25.7
Oklahoma.....	1,440	701	464	24	246	100.0	48.7	32.2	1.7	17.1
Oregon.....	1,403	651	400	32	311	100.0	46.4	28.5	2.3	22.2
Pennsylvania.....	11,951	7,374	657	203	3,454	100.0	61.7	5.5	1.7	28.9
Rhode Island.....	1,752	1,139	25	67	485	100.0	65.0	1.4	3.8	27.7
South Carolina.....	302	137	98	7	57	100.0	45.2	32.3	2.3	18.7
South Dakota.....	1,300	274	885	13	125	100.0	21.1	68.1	1.0	9.6
Tennessee.....	2,221	1,202	402	60	553	100.0	54.1	18.1	2.7	24.9
Texas.....	7,708	2,359	1,256	139	1,380	100.0	30.6	16.3	1.8	17.9
Utah.....	483	273	93	13	99	100.0	56.5	19.3	2.7	20.5
Vermont.....	359	178	65	3	114	100.0	49.6	18.0	0.7	31.7
Virginia.....	3,501	2,184	476	109	721	100.0	62.4	13.6	3.1	20.0
Washington.....	1,884	999	383	58	435	100.0	53.0	20.3	3.1	23.1
West Virginia.....	1,341	637	270	38	382	100.0	47.5	20.1	2.8	28.5
Wisconsin.....	7,064	3,497	1,462	92	1,984	100.0	49.5	20.7	1.3	27.8
Wyoming.....	265	110	100	3	51	100.0	41.5	37.9	1.3	10.2

<sup>1</sup> Includes value of property not subject to classification by type, a relatively insignificant portion for most States, but more than 2 percent for Arkansas (3.3%), Illinois (2.2%), Kentucky (2.5%), Maine (5.1%), North Carolina (4.9%), Pennsylvania (2.2%), Rhode Island (2.1%), and Texas (33.4%), mainly comprising separately assessed mineral rights).

<sup>2</sup> Includes property not subject to classification by type, mainly, separately assessed mineral rights.

<sup>3</sup> Distribution based on State-equalized values.

<sup>4</sup> Distribution based on "taxable values" rather than on other types of valuations also locally recorded.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Property Tax Assessments in the United States*.



# No. 520.—GOVERNMENTAL EMPLOYMENT AND PAYROLLS, BY TYPE OF GOVERNMENT: 1951 TO 1957

[For October except as noted. See also *Historical Statistics, 1789-1945*, series P 69-88, for average annual monthly employment and payrolls]

TYPE OF GOVERNMENT	1951	1952	1953	1954	1955	1956	1957 (April)
<b>EMPLOYEES (1,000)</b>							
<b>Total</b> -----	<b>6,801</b>	<b>7,105</b>	<b>7,047</b>	<b>7,232</b>	<b>7,432</b>	<b>7,685</b>	<b>8,047</b>
Federal (civilian)-----	2,514	2,583	2,384	2,373	2,378	2,410	2,439
State and local-----	4,287	4,522	4,663	4,859	5,054	5,275	5,608
Full-time only-----	3,643	3,844	3,908	4,146	4,337	4,532	4,593
Full-time equivalent, total-----	3,816	4,012	4,126	4,309	4,487	4,687	4,793
State-----	973	999	1,011	1,071	1,129	1,188	1,205
Local <sup>1</sup> -----	2,843	3,013	3,115	3,237	3,358	3,499	3,587
City-----	1,145	1,175	1,200	1,234	1,262	1,292	1,297
County-----	468	498	517	541	557	582	598
School district-----	1,060	1,145	1,196	1,263	1,340	1,413	1,450
Other-----	180	196	203	190	209	213	242
<b>PAYROLLS (\$1,000,000)</b>							
<b>Total</b> -----	<b>1,801</b>	<b>1,980</b>	<b>2,014</b>	<b>2,088</b>	<b>2,265</b>	<b>2,509</b>	<b>2,533</b>
Federal (civilian)-----	793	856	794	770	846	944	919
State and local-----	1,008	1,124	1,221	1,318	1,419	1,566	1,615
State-----	246	271	292	315	340	382	388
Local <sup>1</sup> -----	762	853	929	1,004	1,078	1,184	1,226
City-----	315	345	368	396	414	450	461
County-----	101	114	128	138	148	162	169
School district-----	299	339	376	410	453	503	519
Other-----	47	56	58	60	64	69	77

<sup>1</sup> Data prior to 1957 subject to sampling variation.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment*, and 1957 Census of Governments, *Summary of Public Employment*.

# No. 521.—FULL-TIME PUBLIC EMPLOYEES, BY ANNUAL RATE OF PAY AND TYPE OF GOVERNMENT: 1957

[As of April]

ANNUAL RATE OF PAY	All gov- ernments	Federal <sup>1</sup> (civilian)	STATE AND LOCAL GOVERNMENTS			State gov- ernments	Local gov- ernments
			All	Teachers	Other		
<b>Number</b> -----	<b>1,000</b>						
Less than \$1,200-----	6,695	2,102	4,593	1,398	3,195	1,154	3,439
\$1,200 to \$2,399-----	170	12	168	7	161	26	141
\$2,400 to \$3,599-----	528	17	511	55	454	159	352
\$3,600 to \$4,799-----	1,757	392	1,365	319	1,046	442	922
\$4,800 to \$5,999-----	2,394	982	1,411	505	906	279	1,184
\$6,000 to \$7,199-----	1,140	432	708	297	412	127	581
\$7,200 or more-----	402	143	259	134	125	62	196
	305	133	171	80	91	59	113
<b>Percent</b> -----	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than \$1,200-----	2.5	0.1	3.7	0.5	5.0	2.3	4.1
\$1,200 to \$2,399-----	7.9	0.8	11.1	3.9	14.2	13.8	10.2
\$2,400 to \$3,599-----	26.2	18.6	29.7	22.8	32.7	38.3	26.8
\$3,600 to \$4,799-----	35.8	46.7	30.7	36.1	28.4	24.2	33.0
\$4,800 to \$5,999-----	17.0	20.6	15.4	21.2	12.0	11.0	16.9
\$6,000 to \$7,199-----	6.0	6.8	5.6	9.6	3.9	5.4	5.7
\$7,200 or more-----	4.6	6.3	3.7	5.7	2.9	5.1	3.3
<b>Cumulative percent:</b>							
Less than \$1,200-----	2.5	0.1	3.7	0.5	5.0	2.3	4.1
Less than \$2,400-----	10.4	0.9	14.8	4.5	19.3	16.0	14.3
Less than \$3,600-----	36.7	19.6	44.5	27.3	52.0	54.4	41.2
Less than \$4,800-----	72.4	68.3	75.2	63.5	80.4	78.5	74.1
Less than \$6,000-----	89.4	85.9	90.6	84.7	93.2	89.5	91.0
Less than \$7,200-----	95.4	93.7	96.3	94.3	97.1	94.9	96.7
Median annual rate-----	\$4,013	\$4,367	\$3,792	\$4,324	\$3,530	\$3,463	\$3,894

<sup>1</sup> Distribution of total numbers as of April 1957, estimated by interpolation on the basis of Civil Service Commission data concerning pay rates as of June 30, 1956, and June 30, 1957.

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

No. 522.—GOVERNMENTAL EMPLOYMENT, BY LEVEL OF GOVERNMENT, BY STATES:  
1957

[For April, except as noted]

STATE	ALL EMPLOYEES (1,000)					FULL-TIME EQUIVALENT EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS					
	All govern- ments	Federal (civil- ian) <sup>1</sup>	State and local	State	Local	Number (1,000)			Per 10,000 population <sup>2</sup>		
						State and local	State	Local	State and local	State	Local
<b>Total.....</b>	<b>7, 839</b>	<b>2, 231</b>	<b>5, 608</b>	<b>1, 353</b>	<b>4, 249</b>	<b>4, 793</b>	<b>1, 205</b>	<b>3, 587</b>	<b>281.4</b>	<b>70.8</b>	<b>210.6</b>
Alabama.....	147	56	91	23	68	82	20	62	258.9	63.3	195.6
Arizona.....	55	19	36	9	27	32	8	24	282.7	68.4	214.4
Arkansas.....	68	15	53	15	38	44	13	31	248.4	71.9	176.4
California.....	754	240	515	103	411	454	98	356	326.5	70.5	256.0
Colorado.....	97	36	62	17	45	52	14	39	312.1	81.8	230.3
Connecticut.....	86	14	72	22	50	62	20	42	277.0	88.6	188.3
Delaware.....	17	4	13	7	6	12	7	5	267.3	150.5	117.3
District of Columbia.....	255	<sup>3</sup> 233	23		23	22		22	261.7		261.7
Florida.....	186	49	137	32	105	126	31	96	308.6	75.2	233.4
Georgia.....	170	57	112	24	88	103	23	80	272.0	59.8	212.2
Idaho.....	31	7	25	8	17	20	6	14	306.4	90.9	215.5
Illinois.....	392	98	294	57	237	244	49	195	252.9	50.6	202.3
Indiana.....	176	34	142	35	107	119	29	90	262.4	63.8	198.6
Iowa.....	117	16	101	25	76	82	21	61	292.5	74.7	217.8
Kansas.....	111	24	87	22	65	68	18	51	320.5	82.7	237.8
Kentucky.....	108	28	79	24	55	70	22	48	229.6	72.0	157.5
Louisiana.....	135	24	111	40	70	98	35	63	319.9	114.5	205.4
Maine.....	50	15	35	9	25	25	9	16	261.9	92.1	169.9
Maryland.....	135	<sup>3</sup> 52	83	22	61	75	21	55	290.0	70.8	189.2
Massachusetts.....	237	62	175	36	139	154	34	120	315.6	69.7	245.8
Michigan.....	310	42	268	59	209	218	53	165	279.2	67.7	211.6
Minnesota.....	148	23	125	29	95	95	25	70	285.2	75.5	209.8
Mississippi.....	82	18	65	17	48	57	15	42	259.5	66.7	192.8
Missouri.....	182	49	133	29	103	106	25	81	249.7	59.9	189.9
Montana.....	33	8	25	8	17	21	7	14	314.1	99.1	215.0
Nebraska.....	76	18	58	14	44	46	11	34	314.1	77.4	236.8
Nevada.....	17	7	10	3	8	9	2	7	340.9	83.9	257.0
New Hampshire.....	27	4	23	7	16	16	6	10	273.0	102.5	170.5
New Jersey.....	219	50	169	32	138	149	29	120	265.4	51.4	213.9
New Mexico.....	51	21	29	10	19	25	9	16	298.1	103.7	194.4
New York.....	800	189	611	198	503	557	106	451	359.4	66.7	283.7
North Carolina.....	153	30	123	90	32	109	81	27	241.5	180.4	61.1
North Dakota.....	40	6	34	6	27	18	5	13	280.8	73.8	202.0
Ohio.....	384	95	289	57	233	239	49	190	259.7	53.6	206.3
Oklahoma.....	125	42	83	27	56	68	20	49	300.7	87.7	213.0
Oregon.....	86	19	66	22	45	57	19	38	320.9	105.2	215.7
Pennsylvania.....	420	136	284	73	211	251	70	181	227.4	63.7	163.7
Rhode Island.....	38	13	25	9	16	22	8	14	256.9	89.8	167.2
South Carolina.....	90	24	67	18	48	61	17	44	255.4	71.5	183.8
South Dakota.....	41	9	32	7	26	21	5	15	295.9	73.0	217.9
Tennessee.....	141	39	102	23	79	91	21	71	264.0	60.1	203.9
Texas.....	392	120	272	54	218	241	45	196	264.1	49.7	214.4
Utah.....	57	26	31	10	21	24	7	17	282.9	84.1	198.7
Vermont.....	18	4	15	5	10	10	4	6	297.5	107.4	160.1
Virginia.....	176	<sup>3</sup> 68	108	35	74	97	32	65	254.9	84.1	170.9
Washington.....	161	54	107	29	78	88	23	65	324.4	84.5	240.0
West Virginia.....	61	10	51	16	35	45	14	31	226.7	71.1	155.6
Wisconsin.....	162	20	142	20	116	98	19	79	253.4	50.9	203.4
Wyoming.....	20	6	14	4	19	12	3	8	368.1	105.2	262.9

<sup>1</sup> Federal civilian employment as of March 1957; includes employees of National Guard paid directly from Federal Treasury.<sup>2</sup> Based on estimated population as of July 1, 1957.<sup>3</sup> Data for Federal employees in District of Columbia are for Washington, D. C., metropolitan area, and include substantial numbers of employees working in suburban locations in Maryland and Virginia.Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

## No. 523.—STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION, BY TYPE OF GOVERNMENT: 1957

[For April]

FUNCTION	State and local	State	LOCAL					
			Total <sup>1</sup>	City <sup>1</sup>	County <sup>1</sup>	School district	Township <sup>1</sup>	Special district
EMPLOYEES (1,000)								
Total.....	5,608	1,358	4,249	1,539	668	1,649	244	150
Education, total.....	2,461	433	2,028	220	106	1,640	53	-----
Public schools.....	2,049	60	1,989	207	98	1,631	53	-----
Institutions of higher education.....	382	350	32	13	1	18	-----	-----
Other.....	30	24	7	-----	7	-----	-----	-----
Highways.....	475	206	269	109	114	-----	41	6
Public welfare.....	110	44	66	19	46	-----	2	-----
Health.....	76	25	51	27	20	-----	3	2
Hospitals.....	505	259	247	107	113	-----	2	25
Police.....	294	28	267	215	37	-----	15	-----
Local fire protection.....	201	-----	201	164	5	-----	17	14
Natural resources.....	123	94	28	-----	11	-----	-----	18
Sanitation.....	133	-----	133	118	3	-----	4	7
Local parks and recreation.....	85	-----	85	65	10	-----	2	8
Housing and community redevelopment.....	27	-----	27	10	-----	-----	(?)	18
Employment security administration.....	48	48	-----	-----	-----	-----	-----	-----
State liquor stores.....	16	14	3	2	1	-----	-----	-----
Local utilities, total.....	229	-----	229	183	1	-----	3	42
Water supply.....	98	-----	98	85	1	-----	2	9
Electric light and power.....	51	-----	51	41	-----	-----	(?)	9
Transit.....	74	-----	74	53	-----	-----	-----	21
Gas supply.....	6	-----	6	4	-----	-----	-----	2
General control.....	473	84	389	179	134	-----	76	-----
Nonhighway transportation.....	19	5	14	9	1	-----	(?)	4
All other.....	330	119	213	114	67	-----	26	6
PAYROLLS (\$1,000,000)								
Total.....	1,614.5	388.4	1,226.1	461.0	169.1	519.4	36.7	39.9
Education, total.....	757.8	111.1	646.6	85.1	26.7	519.4	15.4	-----
Public schools.....	651.7	15.7	636.0	80.9	24.8	514.9	15.4	-----
Institutions of higher education.....	96.9	88.0	8.9	4.1	0.2	4.6	-----	-----
Other.....	9.2	7.5	1.7	-----	1.7	-----	-----	-----
Highways.....	134.2	64.7	69.4	30.7	30.3	-----	7.0	1.5
Public welfare.....	30.7	12.9	17.8	5.9	11.6	-----	0.3	-----
Health.....	22.5	8.1	14.3	8.1	5.5	-----	0.3	0.4
Hospitals.....	122.9	66.4	56.5	25.2	25.9	-----	0.6	4.8
Police.....	97.6	9.6	88.0	73.3	11.5	-----	3.2	-----
Local fire protection.....	51.4	-----	51.4	47.6	1.5	-----	1.5	0.8
Natural resources.....	32.8	26.6	6.2	-----	2.7	-----	-----	3.5
Sanitation.....	39.3	-----	39.3	34.9	1.0	-----	0.9	2.4
Local parks and recreation.....	21.7	-----	21.7	16.2	2.5	-----	0.4	2.6
Housing and community redevelopment.....	8.3	-----	8.3	3.3	-----	-----	(?)	5.1
Employment security administration.....	16.3	16.3	-----	-----	-----	-----	-----	-----
State liquor stores.....	4.8	4.2	0.6	0.5	0.2	-----	-----	-----
Local utilities, total.....	80.1	-----	80.1	63.4	0.4	-----	0.8	15.5
Water supply.....	29.5	-----	29.5	25.9	0.4	-----	0.0	2.6
Electric light and power.....	18.8	-----	18.8	15.2	-----	-----	0.1	3.5
Transit.....	29.8	-----	29.8	21.2	-----	-----	-----	8.0
Gas supply.....	2.0	-----	2.0	1.1	-----	-----	-----	0.8
General control.....	102.8	28.1	74.7	36.4	33.5	-----	4.8	-----
Nonhighway transportation.....	7.0	1.5	5.4	3.1	0.4	-----	(?)	2.0
All other.....	84.3	38.7	45.6	27.4	15.5	-----	1.5	1.3

<sup>1</sup> Subject to sampling variation.<sup>2</sup> Less than 500 employees.<sup>3</sup> Less than \$50,000.Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

**No. 524.—STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT)  
BY FUNCTION, BY STATES: 1957**

[For April]

STATE	All functions	EDUCATION		Highways	Health and hospitals	Police and fire	Natural resources	Sanitation	General control	Utilities and State liquor stores	All other
		Total	Public schools only								
<b>Total</b>	<b>4,792,868</b>	<b>2,092,541</b>	<b>1,810,809</b>	<b>444,918</b>	<b>559,431</b>	<b>401,806</b>	<b>106,296</b>	<b>126,388</b>	<b>302,542</b>	<b>234,181</b>	<b>524,765</b>
Ala.	81,587	41,262	35,917	10,516	7,571	4,872	2,401	1,862	3,792	2,958	6,353
Ariz.	32,119	15,462	13,362	3,401	2,577	1,978	1,496	620	2,372	1,578	2,635
Ark.	43,909	24,298	21,296	5,082	4,702	2,248	1,683	629	2,251	1,081	1,981
Calif.	454,598	197,949	162,225	30,185	55,898	40,415	13,955	6,767	26,866	23,498	50,065
Colo.	52,213	25,308	19,954	5,356	5,321	3,259	1,155	651	3,471	1,939	5,753
Conn.	62,371	25,689	22,954	6,554	7,859	7,005	635	1,672	4,469	1,285	7,203
Del.	11,709	5,156	4,106	1,247	1,246	889	262	355	1,013	254	1,287
D. C.	21,750	6,080	1,009	2,615	3,949	-----	-----	2,141	1,125	590	4,041
Fla.	126,477	51,049	44,134	11,581	16,768	10,036	5,132	6,038	7,711	5,059	13,103
Ga.	102,780	40,956	44,178	10,409	14,012	6,845	3,287	3,643	5,386	2,676	6,566
Idaho.	19,608	9,317	7,611	2,573	1,607	1,198	1,419	154	1,353	517	1,470
Ill.	243,687	101,224	89,005	14,619	25,660	24,491	2,329	8,092	14,844	19,628	32,870
Ind.	118,965	55,494	45,719	9,441	15,312	9,385	1,926	2,244	10,360	4,715	10,188
Iowa.	81,872	44,973	37,614	8,480	7,701	3,780	1,393	1,098	4,909	2,962	6,566
Kans.	68,464	32,991	27,006	8,961	7,042	3,750	1,132	909	5,631	2,525	5,463
Ky.	69,795	33,934	30,195	9,039	6,207	4,635	3,679	1,274	3,237	1,703	6,087
La.	98,154	42,996	36,160	10,311	11,357	6,597	4,528	2,629	5,394	3,561	10,727
Maine.	24,699	11,077	9,617	3,871	1,909	1,667	809	176	2,030	930	2,130
Md.	75,277	32,416	28,370	5,739	9,988	8,216	999	3,029	4,209	2,131	8,559
Mass.	153,548	45,956	43,709	13,937	24,147	21,482	939	3,330	11,066	10,128	22,534
Mich.	217,863	103,459	82,285	15,910	27,762	18,134	2,079	5,849	13,690	10,058	19,992
Minn.	94,711	46,556	37,410	10,425	11,258	5,200	2,629	1,349	5,435	3,693	9,758
Miss.	56,706	29,278	25,147	8,058	5,937	2,597	2,682	1,052	2,731	1,259	3,116
Mo.	106,262	46,952	42,488	9,673	14,160	9,222	2,573	1,909	8,752	3,241	9,880
Mont.	20,922	9,920	8,374	2,747	1,299	1,184	1,191	219	1,955	712	1,695
Nebr.	45,614	20,276	17,426	4,284	4,048	2,366	1,729	382	3,372	5,267	2,960
Nev.	9,103	3,353	2,968	1,308	1,173	860	309	113	943	135	909
N. H.	15,610	5,776	4,817	2,995	1,704	1,256	514	133	754	584	1,897
N. J.	149,333	58,720	54,801	11,981	20,154	18,938	1,693	4,175	11,130	2,846	19,690
N. Mex.	24,742	12,905	10,422	2,506	1,644	1,259	941	671	1,697	727	2,392
N. Y.	556,700	107,488	153,359	37,936	93,354	59,528	5,112	23,161	30,697	47,741	91,683
N. C.	108,614	57,388	50,749	10,900	10,810	6,219	3,255	2,732	4,174	3,464	9,672
N. Dak.	18,086	10,096	8,487	2,029	1,046	775	691	178	1,529	265	1,477
Ohio.	239,962	107,582	94,188	21,108	24,686	19,016	3,196	7,312	18,315	12,829	24,018
Okla.	68,468	34,888	28,995	7,572	6,172	4,215	2,143	1,553	4,201	2,112	5,552
Oreg.	56,776	26,096	22,059	6,323	4,676	3,832	2,289	423	4,508	2,488	6,141
Pa.	251,112	107,673	99,857	27,970	25,579	23,928	3,042	6,303	20,167	9,405	27,045
R. I.	22,147	7,671	6,642	1,980	2,508	3,004	425	722	1,725	500	3,552
S. C.	60,627	33,050	28,350	6,226	6,546	3,415	2,217	1,584	2,912	1,046	3,531
S. Dak.	20,772	11,202	9,552	2,643	1,179	894	670	176	1,690	869	1,449
Tenn.	91,416	42,215	36,553	10,574	9,568	5,516	2,223	2,930	3,704	7,731	6,955
Tex.	241,289	121,629	105,850	25,379	19,468	10,795	4,701	7,749	15,051	11,015	19,502
Utah.	24,073	12,988	10,293	2,222	2,005	1,498	637	197	1,598	960	1,968
Vt.	10,657	4,855	3,808	1,507	619	626	435	62	516	412	736
Va.	96,798	47,172	40,975	12,174	9,474	6,262	2,157	3,118	5,585	3,178	7,677
Wash.	88,311	38,532	32,262	8,815	7,777	6,032	3,173	971	4,564	8,581	9,866
W. Va.	44,795	26,064	22,839	4,897	3,352	2,517	1,206	653	2,729	1,165	2,022
Wis.	97,879	41,976	34,942	10,949	9,337	8,520	2,188	3,191	6,173	1,937	13,608
Wyo.	11,632	5,562	4,690	1,363	1,447	571	708	174	691	273	843

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

No. 525.—STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT)  
PER 10,000 POPULATION, BY FUNCTION, BY STATES: 1957

[For April]

STATE	All functions	EDUCATION		Highways	Health and hospitals	Police and fire	Natural resources	Sanitation	General control	Utilities and State liquor stores	All other
		Total	Public schools only								
Total..	281.4	122.9	106.3	26.1	32.8	23.6	6.2	7.4	17.8	13.7	30.8
Ala.....	258.9	130.9	114.0	33.4	24.1	15.4	7.6	5.9	12.0	9.4	20.1
Ariz.....	282.7	136.0	117.6	29.9	22.6	17.4	13.2	5.4	20.9	14.0	23.3
Ark.....	248.4	137.4	120.6	28.5	25.6	12.7	9.5	3.6	12.8	6.2	11.2
Calif.....	326.5	142.1	116.5	21.7	40.1	29.0	10.0	4.9	19.3	16.8	42.4
Colo.....	312.1	151.3	119.3	32.0	31.8	19.5	6.9	3.9	20.7	11.6	34.4
Conn.....	277.0	114.1	101.9	29.1	34.9	31.1	2.8	7.5	19.8	5.7	32.1
Del.....	207.3	117.7	93.7	28.5	28.4	20.3	6.0	8.1	23.1	5.8	29.2
D. C.....	201.7	73.2	73.2	12.1	33.9	47.6		26.8	13.5	7.1	48.7
Fla.....	308.6	124.0	107.7	28.3	40.9	24.5	12.5	14.8	18.8	12.3	31.9
Gu.....	272.0	132.2	116.9	27.5	37.1	18.1	8.7	9.7	14.3	7.0	17.5
Idaho.....	306.4	145.6	118.9	40.2	25.1	18.7	22.2	2.4	21.1	8.0	23.1
Ill.....	252.9	105.1	92.4	15.2	26.6	25.5	2.4	8.4	15.4	20.4	34.1
Ind.....	202.4	122.4	100.9	20.6	33.8	20.7	4.2	3.0	22.9	10.4	22.4
Iowa.....	292.5	160.7	134.4	30.3	27.5	13.5	5.0	3.9	17.5	10.6	23.3
Kans.....	320.5	154.5	126.4	42.0	33.0	17.5	5.3	4.0	26.4	11.9	25.6
Ky.....	229.6	111.6	99.3	29.7	20.4	15.3	12.1	4.2	10.6	5.6	20.1
La.....	319.9	140.1	117.9	33.6	37.0	21.5	14.8	8.8	17.6	11.6	35.1
Maine.....	201.9	117.5	102.0	42.1	20.3	17.6	8.6	1.9	21.5	9.9	22.4
Md.....	200.0	112.0	98.0	10.8	34.5	28.4	3.4	10.4	14.5	7.4	29.6
Mass.....	315.5	94.5	89.8	28.6	49.6	44.1	1.9	6.9	22.7	20.9	40.4
Mich.....	276.2	132.6	105.5	20.4	35.6	23.2	3.8	7.5	17.5	12.8	25.6
Minn.....	235.2	137.2	112.6	31.4	33.9	15.6	6.2	4.1	16.4	11.1	29.4
Miss.....	258.5	134.0	115.1	36.9	27.2	11.9	12.3	4.9	12.5	5.8	14.3
Mo.....	249.7	110.3	99.9	22.5	38.2	21.7	6.0	4.5	20.6	7.6	23.2
Mont.....	314.1	140.0	125.7	41.2	19.5	17.7	17.9	3.3	29.4	10.7	25.5
Nebr.....	314.1	139.6	120.0	29.5	34.1	16.5	11.9	2.7	23.2	36.3	20.3
Nev.....	340.9	125.6	111.2	49.0	43.9	32.2	11.6	4.2	35.3	5.0	33.9
N. H.....	273.0	101.0	84.2	52.4	29.8	21.9	9.0	2.4	13.2	10.2	33.2
N. J.....	265.4	104.4	97.4	21.3	35.8	33.7	3.0	7.4	19.8	5.1	34.9
N. Mex.....	208.1	155.5	125.6	30.2	19.8	15.2	11.3	8.0	20.4	8.7	20.0
N. Y.....	350.4	105.4	96.5	23.9	53.8	37.5	3.2	14.5	19.3	30.0	57.7
N. C.....	241.5	127.6	112.8	24.2	24.0	13.8	7.2	6.0	9.3	7.7	21.6
N. Dak.....	280.8	156.8	131.8	31.5	16.3	12.0	10.7	2.8	23.7	4.1	23.0
Ohio.....	259.7	117.0	102.4	22.9	28.9	21.6	3.5	8.0	19.0	13.9	26.2
Okla.....	300.7	153.2	127.3	33.3	27.1	18.6	9.4	6.9	18.7	9.2	24.5
Oreg.....	320.9	147.5	124.7	35.7	26.5	21.7	12.9	2.4	25.5	14.1	34.7
Pa.....	227.4	97.5	90.4	25.3	23.1	21.7	2.8	5.7	18.3	8.5	24.4
R. I.....	256.9	89.0	77.1	23.0	29.8	34.8	4.9	8.4	20.0	5.3	41.1
S. C.....	255.4	139.4	123.8	26.3	27.6	14.4	9.3	6.7	12.3	4.4	14.9
S. Dak.....	205.0	159.6	136.1	37.6	16.8	12.7	9.5	2.5	24.1	12.4	20.7
Tenn.....	264.0	121.9	105.6	30.5	27.7	15.9	6.4	8.5	10.7	22.4	20.0
Texas.....	264.1	133.1	115.8	27.8	21.3	18.4	5.1	8.5	16.5	12.0	21.4
Utah.....	282.9	152.6	121.0	26.1	23.6	17.6	7.5	2.3	18.8	11.3	23.1
Vt.....	267.5	129.1	101.3	48.1	16.4	16.6	11.6	1.4	13.7	11.0	19.4
Va.....	254.9	124.2	107.9	32.1	25.0	16.5	5.7	8.2	14.7	8.4	19.9
Wash.....	324.4	141.6	118.5	32.4	28.6	22.1	11.7	3.6	16.8	31.5	36.1
W. Va.....	226.7	129.9	115.6	24.7	17.0	12.8	6.1	3.3	13.8	5.9	13.3
Wis.....	253.4	108.7	90.5	28.4	24.2	22.1	5.7	8.3	16.0	6.0	35.2
Wyo.....	368.1	176.0	148.7	43.1	45.8	18.1	22.4	5.5	21.9	8.6	26.8

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

No. 526.—STATE AND LOCAL GOVERNMENT PAYROLLS, BY FUNCTION, BY STATES:  
1957

[In thousands of dollars. For April]

STATE	All functions	EDUCATION		High-ways	Health and hospitals	Police and fire	Natural resources	Sanitation	General control	Utilities and State liquor stores	All other
		Total	Public schools only								
<b>Total..</b>	<b>1,614,511</b>	<b>757,752</b>	<b>651,701</b>	<b>134,166</b>	<b>145,406</b>	<b>149,071</b>	<b>32,810</b>	<b>39,307</b>	<b>102,758</b>	<b>84,939</b>	<b>168,302</b>
Ala.....	21,581	11,788	10,260	2,271	1,447	1,446	637	365	1,034	808	1,785
Ariz.....	11,563	6,129	5,286	1,219	600	689	535	172	774	600	846
Ark.....	9,908	5,471	4,600	1,126	818	603	381	133	634	272	471
Calif.....	193,745	88,413	73,090	13,263	17,561	18,457	5,704	2,467	13,827	10,638	23,416
Colo.....	16,685	8,476	6,611	1,734	1,368	1,169	370	211	975	623	1,760
Conn.....	23,377	10,899	9,784	2,124	2,537	2,611	228	533	1,523	472	2,451
Del.....	3,798	1,978	1,682	320	306	302	90	73	266	82	381
D. C.....	8,567	2,596	2,596	361	953	1,791	—	669	495	209	1,493
Fla.....	36,232	16,476	14,327	2,832	3,554	3,143	1,292	1,393	2,619	1,535	3,391
Ga.....	25,222	12,630	10,999	2,810	2,748	1,936	752	750	1,716	672	1,708
Idaho.....	5,708	2,772	2,224	859	380	375	414	42	345	136	386
Ill.....	91,888	41,348	36,320	5,755	6,859	9,593	763	3,414	5,122	8,244	10,790
Ind.....	39,504	22,043	18,449	2,697	3,410	3,103	651	646	2,616	1,629	2,710
Iowa.....	23,305	13,110	10,475	2,585	1,531	1,219	471	343	1,466	868	1,714
Kansas.....	19,918	10,641	8,378	2,466	1,549	1,140	316	227	1,344	796	1,438
Ky.....	18,578	9,772	8,440	2,270	1,295	1,351	596	316	899	440	1,638
La.....	29,928	15,451	13,236	2,472	2,252	2,011	1,255	588	1,699	940	3,261
Maine.....	6,468	2,913	2,453	966	442	501	250	42	514	309	532
Md.....	25,674	12,621	10,868	1,712	2,579	2,753	302	882	1,348	652	2,825
Mass.....	51,551	16,942	16,066	4,376	6,527	7,727	288	997	3,754	3,804	7,136
Mich.....	83,841	42,061	34,078	5,879	8,703	7,327	1,152	2,132	5,489	3,980	7,120
Minn.....	32,763	17,280	13,866	3,429	3,027	1,986	525	484	1,652	1,209	3,170
Miss.....	12,164	6,486	5,415	1,485	980	684	543	194	731	265	794
Mo.....	31,215	14,982	13,567	2,544	3,185	3,143	767	505	2,537	963	2,590
Mont.....	6,965	3,615	3,005	1,019	326	377	377	70	504	201	477
Nebr.....	13,065	6,015	4,937	1,199	1,057	735	433	117	841	1,898	770
Nev.....	3,342	1,352	1,104	473	327	328	120	40	327	50	324
N. H.....	4,366	1,789	1,433	727	398	391	167	35	244	166	461
N. J.....	55,437	25,704	23,930	3,796	5,196	7,389	634	1,324	3,985	905	6,505
N. Mex.....	7,899	4,526	3,694	745	372	379	313	156	507	208	693
N. Y.....	215,915	77,066	70,441	12,158	27,824	25,041	1,889	8,853	12,996	18,878	31,212
N. C.....	30,010	17,150	14,681	2,802	2,243	1,833	890	526	1,100	867	2,598
N. Dak.....	5,498	3,267	2,638	556	256	229	215	50	410	79	437
Ohio.....	80,442	38,692	33,682	6,669	6,366	7,723	1,044	2,438	5,763	4,653	7,094
Okla.....	19,498	11,012	8,925	1,852	1,183	1,238	595	376	1,107	565	1,571
Oreg.....	19,681	9,395	7,949	2,285	1,175	1,392	865	138	1,419	916	2,097
Pa.....	82,995	39,131	36,309	8,044	6,906	8,497	958	1,989	6,026	3,052	8,393
R. I.....	6,624	2,691	2,373	486	655	884	124	184	513	127	962
S. C.....	13,762	7,591	6,617	1,307	1,281	897	553	270	728	252	883
S. Dak.....	5,827	3,240	2,612	772	222	260	222	50	415	235	411
Tenn.....	23,867	11,269	9,846	2,162	1,812	1,747	567	634	1,101	2,575	1,701
Texas.....	72,856	39,506	33,824	7,001	4,271	5,436	1,338	1,948	4,583	3,226	5,749
Utah.....	7,658	4,314	3,228	733	509	488	190	57	509	290	568
Vt.....	2,900	1,378	1,055	523	163	185	156	14	149	123	209
Va.....	27,589	14,069	11,954	3,269	2,338	1,960	629	722	1,620	927	2,055
Wash.....	32,194	14,327	11,626	3,412	2,193	2,312	1,129	322	1,549	3,446	3,504
W. Va.....	13,736	9,025	8,021	1,175	615	713	361	145	664	379	659
Wis.....	35,727	16,408	13,225	3,455	2,778	3,388	751	1,223	2,118	695	4,912
Wyo.....	3,776	1,945	1,584	494	334	191	220	52	202	85	255

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

**NO. 527.—STATE AND LOCAL GOVERNMENT PAYROLLS, BY LEVEL OF GOVERNMENT  
BY STATES: 1957**

[For April]

STATE	PAYROLL, ALL EMPLOYEES					PAYROLL, FULLTIME EMPLOYEES			Average earnings during month, full-time employees
	Amount			Percent of total		State and local	State	Local	
	Total	State	Local	State	Local				
Total.....	\$1,000 1,614,511	\$1,000 388,375	\$1,000 1,226,136	Per- cent 24.1	Per- cent 75.9	\$1,000 1,543,793	\$1,000 369,859	\$1,000 1,173,934	Dol. 336
Alabama.....	21,581	5,425	16,156	25.1	74.9	20,904	5,138	15,766	264
Arizona.....	11,563	2,770	8,793	24.0	76.0	11,215	2,624	8,591	360
Arkansas.....	9,908	3,194	6,714	32.2	67.8	9,512	3,050	6,463	225
California.....	193,746	41,151	152,594	21.2	78.8	181,519	37,714	143,805	419
Colorado.....	16,685	4,521	12,164	27.1	72.9	15,776	4,163	11,613	319
Connecticut.....	23,377	7,118	16,259	30.4	69.6	22,730	7,110	15,620	375
Delaware.....	3,798	1,993	1,805	52.5	47.5	3,701	1,941	1,760	324
Dist. of Columbia.....	8,567		8,567		100.0	8,394		8,394	394
Florida.....	36,232	8,444	27,788	23.3	76.7	35,265	8,236	27,029	286
Georgia.....	26,222	5,833	19,389	23.0	77.0	24,617	5,707	18,911	235
Idaho.....	5,708	1,859	3,849	32.6	67.4	5,284	1,676	3,609	202
Illinois.....	91,888	16,313	75,574	17.8	82.2	88,114	15,025	73,088	378
Indiana.....	39,504	9,042	30,462	22.9	77.1	37,404	8,204	29,200	334
Iowa.....	23,305	6,336	16,969	27.2	72.8	22,055	5,828	16,227	341
Kansas.....	19,918	5,264	14,654	26.4	73.6	18,687	4,942	13,745	291
Kentucky.....	18,578	5,611	12,966	30.2	69.8	17,978	5,443	12,535	266
Louisiana.....	20,928	9,633	20,245	32.4	67.6	20,076	9,358	19,718	305
Maine.....	6,468	2,418	4,050	37.4	62.6	6,076	2,367	3,709	263
Maryland.....	25,674	6,846	18,828	26.7	73.3	24,612	6,422	18,190	341
Massachusetts.....	51,551	11,401	40,150	22.1	77.9	49,656	11,146	38,510	336
Michigan.....	83,841	19,797	64,044	23.6	76.4	80,847	19,385	61,462	385
Minnesota.....	32,763	8,407	24,356	25.7	74.3	30,887	7,668	23,220	346
Mississippi.....	12,164	3,455	8,709	28.4	71.6	11,651	3,282	8,368	216
Missouri.....	31,215	6,880	24,335	22.0	78.0	29,764	6,499	23,265	293
Montana.....	6,965	2,282	4,683	32.8	67.2	6,006	2,142	4,464	334
Nebraska.....	13,065	3,264	9,801	25.0	75.0	12,395	3,102	9,293	287
Nevada.....	3,342	918	2,423	27.5	72.5	3,221	878	2,343	367
New Hampshire.....	4,866	1,648	2,718	37.8	62.2	3,977	1,495	2,482	282
New Jersey.....	55,437	10,180	45,257	18.4	81.6	53,093	9,791	43,302	370
New Mexico.....	7,899	2,700	5,199	34.2	65.8	7,594	2,542	5,053	320
New York.....	215,915	37,990	177,925	17.6	82.4	207,455	37,604	169,851	387
North Carolina.....	30,010	23,433	6,578	78.1	21.9	29,044	22,743	6,301	276
North Dakota.....	5,498	1,660	3,837	30.2	69.8	5,140	1,555	3,584	303
Ohio.....	80,442	15,760	64,682	19.6	80.4	76,600	15,005	61,595	337
Oklahoma.....	19,498	5,768	13,730	29.6	70.4	18,518	5,303	13,216	285
Oregon.....	19,681	6,366	13,316	32.3	67.7	18,616	5,966	12,650	346
Pennsylvania.....	82,995	21,532	61,463	25.9	74.1	80,001	21,185	58,817	330
Rhode Island.....	6,624	2,244	4,381	33.9	66.1	6,419	2,193	4,226	299
South Carolina.....	13,762	4,212	9,550	30.6	69.4	13,414	4,099	9,316	227
South Dakota.....	5,827	1,774	4,053	30.4	69.6	5,498	1,686	3,812	280
Tennessee.....	23,567	5,049	18,517	21.4	78.6	22,990	4,869	18,121	258
Texas.....	72,856	13,696	59,221	18.7	81.3	70,495	12,941	57,554	302
Utah.....	7,658	2,505	5,153	32.7	67.3	7,060	2,220	4,841	317
Vermont.....	2,900	1,274	1,626	43.9	56.1	2,671	1,204	1,467	200
Virginia.....	27,589	9,317	18,272	33.8	66.2	26,649	9,017	17,633	285
Washington.....	32,194	8,750	23,435	27.2	72.8	30,285	8,044	22,241	364
West Virginia.....	13,736	3,814	9,922	27.8	72.2	13,275	3,610	9,664	307
Wisconsin.....	35,727	7,394	28,393	20.5	79.5	33,497	6,611	26,886	365
Wyoming.....	3,776	1,197	2,579	31.7	68.3	3,556	1,129	2,428	325

Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

# No. 528.—CITY EMPLOYMENT, BY FUNCTION AND BY POPULATION GROUP: 1956

[For October]

FUNCTION	All cities	1,000,000 or more	250,000 to 1,000,000	100,000 to 250,000	25,000 to 100,000	10,000 to 25,000	5,000 to 10,000	Less than 5,000
Number of cities.....	16,778	5	36	65	376	751	1,094	14,451
Population, 1950 (1,000).....	96,106	17,404	17,429	9,479	17,669	11,485	7,582	15,056
<b>EMPLOYEES</b>								
<b>Total.....</b>	<b>1,484,847</b>	<b>365,804</b>	<b>294,226</b>	<b>154,460</b>	<b>240,356</b>	<b>137,560</b>	<b>81,887</b>	<b>210,554</b>
Common city functions.....	1,015,808	190,291	191,806	96,313	166,466	104,749	69,989	196,194
Police.....	207,477	51,817	41,362	19,404	33,613	21,410	12,533	27,278
Fire.....	161,373	24,204	28,878	16,955	29,158	16,432	11,415	34,331
Highways.....	114,442	14,038	16,779	11,093	22,080	16,440	11,903	22,109
Sanitation.....	112,313	26,756	24,358	12,653	20,141	10,917	7,054	10,434
Water supply.....	88,736	12,288	17,193	9,477	14,205	10,733	7,691	17,149
Recreation.....	64,869	13,766	17,305	8,213	13,952	6,341	2,919	2,308
General control.....	179,106	33,274	18,987	9,156	18,215	14,840	12,578	72,056
All other.....	87,492	14,148	26,944	9,297	15,102	7,636	3,896	10,469
Variable city functions.....	469,039	175,513	102,420	58,147	73,890	32,811	11,898	14,360
Education.....	207,727	55,657	47,286	37,152	44,003	15,812	4,399	3,418
Hospitals.....	102,165	41,631	25,425	8,820	14,645	8,209	1,361	2,574
Transit utility.....	52,810	43,590	7,756	292	8,772	300		
Electric utility.....	40,925	8,219	5,973	4,801	5,715	5,253	4,703	6,261
Health.....	26,969	7,976	7,736	3,795	3,737	1,426	878	1,421
Public welfare.....	18,431	10,254	4,053	1,686	1,766	413	116	143
Housing and redevelop- ment.....	9,582	6,761	891	684	791	281	131	43
Air and water trans- portation.....	7,097	1,425	2,273	1,044	1,534	575	126	120
Gas utility.....	3,333		1,027	373	827	542	184	380
<b>MONTHLY PAYROLL (\$1,000)</b>								
<b>Total.....</b>	<b>450,022.9</b>	<b>146,656.5</b>	<b>102,520.1</b>	<b>49,768.8</b>	<b>74,147.7</b>	<b>36,781.1</b>	<b>17,528.9</b>	<b>22,619.8</b>
Common city functions.....	283,961.7	76,702.6	66,459.9	29,374.5	49,925.3	27,723.0	14,429.6	10,346.8
Police.....	68,690.7	20,961.1	15,445.4	6,304.0	10,876.2	6,366.2	3,367.0	5,370.8
Fire.....	45,649.2	10,732.8	11,575.6	6,198.0	10,408.0	4,417.6	1,355.8	961.4
Highways.....	32,653.7	5,936.1	5,734.1	3,222.3	6,285.3	4,443.3	2,994.6	4,093.0
Sanitation.....	33,876.3	10,994.0	7,571.5	3,485.9	5,527.6	2,987.8	1,679.3	1,080.2
Water supply.....	26,477.7	5,140.4	5,970.1	2,827.3	4,529.2	3,028.4	1,874.9	3,107.4
Recreation.....	16,175.0	4,340.5	4,801.7	1,946.9	2,987.8	1,269.3	538.6	300.2
General control.....	37,326.4	13,556.0	7,064.8	3,099.5	5,349.9	3,442.3	1,910.5	2,903.4
All other.....	23,112.7	5,041.7	8,296.7	2,290.6	3,961.3	1,825.1	708.9	990.4
Variable city functions.....	166,061.2	69,953.9	36,060.2	20,394.3	24,222.4	9,058.1	3,099.3	3,273.0
Education.....	84,696.4	28,181.1	18,720.2	14,039.9	16,225.9	5,085.7	1,315.3	1,028.6
Hospitals.....	24,854.1	11,111.8	6,403.7	2,309.6	3,012.6	1,406.9	231.3	378.2
Transit utility.....	21,604.2	17,776.7	3,271.5	134.5	313.3	108.2		
Electric utility.....	14,877.4	3,925.2	2,202.7	1,853.2	2,179.7	1,740.3	1,334.3	1,642.0
Health.....	7,916.6	2,647.1	2,635.6	1,036.0	1,086.2	307.5	92.7	111.5
Public welfare.....	5,789.0	3,488.5	1,336.0	412.1	433.0	93.5	16.3	9.6
Housing and redevelop- ment.....	3,082.7	2,236.6	311.9	190.7	219.6	79.9	34.1	9.9
Air and water trans- portation.....	2,373.4	586.5	842.4	310.2	512.0	87.0	23.3	12.0
Gas utility.....	967.4		336.2	108.8	240.1	149.1	52.0	81.2
<b>AVERAGE MONTHLY EARNINGS, FULL-TIME EMPLOYEES</b>								
<b>Total.....</b>	<b>349</b>	<b>411</b>	<b>360</b>	<b>335</b>	<b>326</b>	<b>299</b>	<b>272</b>	<b>249</b>
Common city functions.....	336	408	357	315	317	299	268	244
Police.....	357	405	380	337	347	332	304	267
Fire.....	381	443	401	366	360	334	294	278
Highways.....	304	433	342	291	288	278	260	239
Sanitation.....	312	411	311	276	278	273	252	212
Water supply.....	320	418	348	300	322	289	262	246
Recreation.....	288	326	305	257	255	264	264	227
General control.....	345	412	374	345	317	279	238	224
All other.....	324	390	346	283	297	298	236	222
Variable city functions.....	373	413	366	370	349	298	297	278
Education.....	444	571	429	406	397	345	327	338
Hospitals.....	250	268	253	285	218	187	183	175
Transit utility.....	409	408	422	461	362	378		
Electric utility.....	374	478	369	388	383	336	310	289
Health.....	321	342	345	279	308	273	205	194
Public welfare.....	319	341	330	249	250	254	230	413
Housing and redevelop- ment.....	325	331	352	287	289	323	272	275
Air and water trans- portation.....	347	412	380	304	341	157	255	259
Gas utility.....	295		327	292	290	278	286	245



## No. 528.—CITY EMPLOYMENT, BY FUNCTION AND BY POPULATION GROUP: 1956—Con.

FUNCTION	All cities	1,000,000 or more	250,000 to 1,000,000	100,000 to 250,000	25,000 to 100,000	10,000 to 25,000	5,000 to 10,000	Less than 5,000
EMPLOYMENT (FULL-TIME EQUIVALENT) PER 10,000 POPULATION								
Total.....	135.1	204.9	163.4	156.7	129.3	107.5	85.2	60.9
Common city functions.....	88.8	107.9	106.9	98.6	89.9	80.8	71.4	53.0
Police.....	20.1	29.8	23.3	19.7	17.7	16.7	14.6	13.4
Fire.....	12.6	13.9	16.6	17.9	16.9	11.5	6.1	2.3
Highways.....	11.2	7.9	9.6	11.7	12.3	13.9	15.2	11.2
Sanitation.....	11.3	15.4	14.0	13.3	11.3	9.4	8.8	5.3
Water supply.....	8.7	7.1	9.9	9.9	8.0	9.1	9.4	8.4
Recreation.....	5.9	7.7	9.0	8.0	6.6	4.2	2.7	0.9
General control.....	11.5	18.9	10.8	9.5	9.5	10.7	10.6	8.6
All other.....	7.5	7.4	13.7	8.5	7.5	5.3	4.0	3.0
Variable city functions.....	46.3	97.0	56.5	58.2	39.4	26.6	13.9	7.9
Education.....	19.8	28.4	25.0	36.4	23.2	12.8	5.3	2.0
Hospitals.....	10.4	23.8	14.5	8.5	7.8	6.6	1.7	1.4
Transit utility.....	5.5	25.0	4.5	0.3	0.5	0.2		
Electric utility.....	4.1	4.7	3.4	5.0	3.2	4.5	5.7	3.8
Health.....	2.6	4.4	4.4	3.9	2.0	1.0	0.6	0.4
Public welfare.....	1.9	5.9	2.3	1.7	1.0	0.3	0.1	( <sup>1</sup> )
Housing and redevelop- ment.....	1.0	3.9	0.5	0.7	0.4	0.2	0.2	( <sup>1</sup> )
Air and water transporta- tion.....	0.7	0.8	1.3	1.1	0.9	0.5	0.1	( <sup>1</sup> )
Gas utility.....	0.3		0.6	0.4	0.5	0.5	0.2	0.2

<sup>1</sup> Less than 0.05.Source: Department of Commerce, Bureau of the Census; annual report, *City Employment in 1956*.

## No. 529.—SUMMARY OF FINANCES OF STATE-ADMINISTERED PUBLIC-EMPLOYEE RETIREMENT SYSTEMS: 1944 TO 1956

[In thousands of dollars]

ITEM	RECEIPTS					PAYMENTS				Assets, end of fiscal year
	Total	Em- ployee contri- butions	Government contributions		Earn- ings on invest- ments	Total	Bene- fits <sup>1</sup>	With- draw- als <sup>1</sup>	Other	
			State	Local						
1944-----	195,234	76,357	50,243	26,354	42,280	70,178	48,662	18,857	1,752	1,241,772
1945-----	220,095	89,370	63,658	21,945	45,122	75,282	52,404	20,962	1,856	1,390,249
1946-----	265,718	110,131	71,833	36,469	47,235	90,595	60,034	27,976	2,585	1,607,224
1947-----	317,051	144,808	86,105	38,238	47,900	105,290	70,560	31,579	3,151	1,789,848
1948-----	423,614	182,318	127,099	60,918	53,279	121,380	83,492	33,836	4,032	2,092,571
1949-----	500,975	221,943	142,602	74,335	62,095	141,501	95,017	39,614	6,870	2,436,930
1950-----	608,887	260,494	180,303	97,848	70,242	165,993	109,731	46,307	9,955	2,870,533
1951-----	723,863	310,691	211,362	118,329	83,581	208,519	139,003	61,135	8,381	3,441,004
1952-----	842,034	349,046	263,306	123,330	105,452	256,444	159,966	86,978	9,500	4,012,686
1953-----	917,119	399,204	281,604	116,427	119,884	301,998	186,270	105,316	10,412	4,637,821
1954-----	1,109,053	449,387	352,215	165,923	141,528	364,169	225,099	129,292	8,778	5,370,796
1955-----	1,171,898	493,368	335,169	177,388	165,973	382,509	255,828	117,561	9,120	6,158,590
1956-----	1,316,373	542,015	397,066	184,795	192,497	446,124	291,179	145,574	9,371	7,080,711

<sup>1</sup> Unsegregable withdrawal data included with benefit payments.Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances*.

FIG. XXVI.—PRINCIPAL ASSETS OF ALL COMMERCIAL BANKS: 1914 TO 1957

[As of end of June 1914 to 1922; end of June and December thereafter. See table 538]

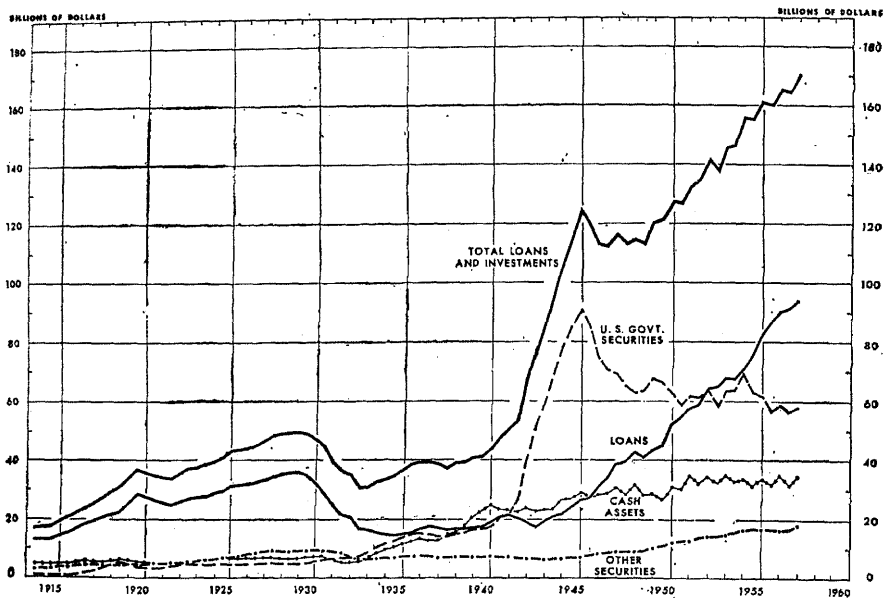
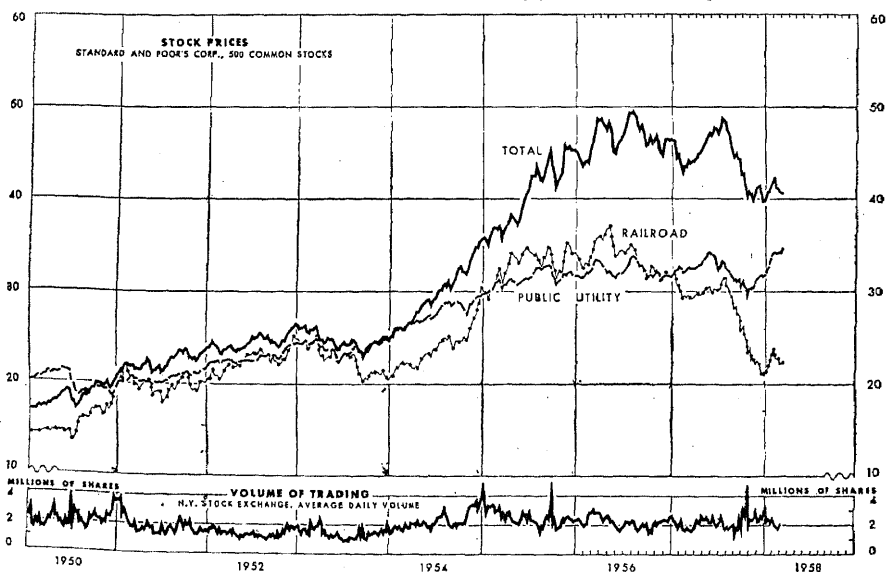


FIG. XXVII.—STOCK PRICES: 1950 TO 1958

[1941-43=10. Indexes based on daily closing prices. See table 580]



Source of figs. XXVI and XXVII: Board of Governors of the Federal Reserve System.

## Section 16

# Banking and Finance

### MONEY AND BANKING

**Banking and monetary system.**—Banks in this country are organized under the laws of both the States and the Federal government. "National" banks organized under Federal law, passed in 1863, are supervised by the Comptroller of the Currency, and State-chartered banks are supervised by officials of the respective States. The Federal Reserve System was established in 1914 to exercise central banking functions, some of which are shared with the United States Treasury. The Reserve System includes national banks and such State banks as voluntarily join the System. The Federal Deposit Insurance Corporation, established in 1934, insures each deposit account up to \$10,000 in banks which are members of the Federal Reserve System and in such nonmember banks as join the insurance fund.

**Condition of banks.**—The Comptroller of the Currency, who has charge of the supervision of national banks, has collected condition reports since 1863 from these banks and since 1897 has tabulated and published summaries of their reports in detail in the *Abstract of Reports of National Banks* (now usually four times a year). The call report data are also summarized in the annual reports of the Comptroller.

After the Federal Reserve System was established in 1914, State bank members of the Federal Reserve System began to submit their statements of condition at the same time and in substantially the same form as national banks. These 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 Federal Reserve System, and published in the *Member Bank Call Report* (usually four times a year) and in summary form in the *Federal Reserve Bulletin*.

Beginning with 1947, an all-bank series has been tabulated twice a year by the Federal Deposit Insurance Corporation. Data for noninsured banks are obtained largely through the cooperation of State banking officials. A monthly series, based in part on the all-bank series, is prepared and published by the Board of Governors of the Federal Reserve System.

**Currency.**—Currency, including coin and paper money, represents a relatively small part of the total media of exchange in the United States, as most money payments are made by check. All currency is now issued by the Federal Reserve Banks and the Treasury.

"Currency in circulation" or "money in circulation" (official *Treasury Circulation Statement*) refers to all coin and paper money outside the Treasury and Federal Reserve Banks, with the exception of 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 whether in current active use or held idle—also some currency which, strictly speaking, is not a part of the money supply in the hands of the public, that is, cash in vaults of commercial and savings banks, currency lost or destroyed, and currency carried abroad by travelers. The Federal Reserve Board derives a monthly figure for "currency outside banks" by subtracting from the Treasury "circulation" figure an amount representing vault cash held by commercial and mutual savings banks, and this figure more nearly approximates true

Note.—This section presents data for the most recent year or period available on April 17, 1958, when the material was organized and sent to the printer. In some instances, more recent data were added later.

circulation. Historical data on the stock of money and money in circulation may be found in the *Annual Report of the Secretary of the Treasury*.

**Government credit agencies.**—Government corporations and credit agencies, operating under mandates and powers given them by the Congress, 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. Some of these agencies were created to meet financial problems precipitated by the depression of the thirties; others are geared to meeting certain broad social problems, particularly in the form of foreign aid and aid to housing.

Foreign loans of Government credit agencies include those of the Export-Import Bank, the Treasury Department, and the International Cooperation Administration. Credit for agricultural purposes is provided by the Rural Electrification Administration; the Commodity Credit Corporation, which makes price support loans on certain farm products; the Farmers Home Administration; and banks and cooperative credit agencies operating under the supervision of the Farm Credit Administration. (See table 552.) Loans for housing purposes represent largely purchases of insured or guaranteed home mortgages by the Federal National Mortgage Association from private lenders, but also include loans of the Federal Home Loan Banks to member institutions, loans of the Public Housing Administration to local housing authorities to aid in the construction of low-cost housing, and direct loans made by the Veterans Administration. Most of the loans guaranteed or insured by Federal credit agencies reflect activities of the Veterans Administration and the Federal Housing Administration.

Statistics on the assets and liabilities of Government credit agencies are published quarterly in the *Treasury Bulletin*. Statistics relating to the operations of Government credit agencies are also available in reports of the individual agencies.

**Private credit agencies other than banks.**—In addition to commercial banks, savings banks, and Government credit agencies, there are a considerable number of other types of credit agencies in the United States. The most important of these are savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies. Statistics of savings and loan associations are collected by the Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are collected and published principally by the Spectator Company, which also publishes data on other types of insurance. Federal credit unions are under the supervision of the Bureau of Federal Credit Unions of the Department of Health, Education, and Welfare. Consumer credit data are published currently in the *Federal Reserve Bulletin*.

#### SECURITIES MARKETS

**New issues and retirement of securities.**—Statistical information on new security issues has been provided for many years by the *Journal of Commerce* (since 1906) and the *Commercial and Financial Chronicle* (since 1919).<sup>1</sup> (See table 585.) The statistics of the *Commercial and Financial Chronicle* include, in addition to domestic and foreign corporate issues and State and local government securities, the issues of independent agencies of the United States Government, and of foreign governments and their subdivisions.

A more comprehensive series of new issues with detailed information on the intended uses of net and gross proceeds has been compiled by the Securities and Exchange Commission on a monthly basis since 1934. The data cover 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. (See tables 583 and 586.) This series is published monthly in the *Statistical Bulletin* of the Securities and Exchange Commission, the *Federal Reserve Bulletin*, and the *Survey of Current Business*.

In addition, the Commission has been compiling statistics since 1933 on changes in security holdings of institutional groups and individuals, and net change in outstanding corporate securities through cash transactions. The latter data are published in the Commission's *Statistical Bulletin* and also in the *Federal Reserve Bulletin*. The Commission also publishes data from time to time on cost of flotation of securities registered under the Securities Act of 1933 and privately placed issues.

**Trading in securities.**—(See tables 575, 577, 578.) Monthly figures on the total value and volume of securities sold on each of the national securities exchanges have been published since October 1934 by the Securities and Exchange Commission. These figures include all sales effected on exchanges except, since March 1944, United States Government issues. They cover odd lots as well as round lots. The Commission also publishes figures on the total daily round-lot volume of trading in stocks on the New York Stock Exchange and the American Stock Exchange, showing short sales and several categories of member and nonmember purchases and sales. Daily odd-lot purchases and sales are reported separately.

Prior to 1934, the only available statistical data on the volume of trading in securities were the daily figures on the number of shares and the principal amount of bonds reported sold on the New York Stock Exchange and on most of the other securities exchanges. "Reported" volume of stock sales on the New York Stock Exchange represents sales in round lots reported on the ticker and does not include certain types of round-lot transactions such as stopped sales, private sales, split openings, cross transactions, and errors of omission, which ordinarily approximate from five to ten percent of total round-lot sales on the Exchange.

**Security price averages.**—Among the most widely known indexes of security prices are the Dow-Jones averages, which provide a continuous series of common stock prices on a daily basis since 1897. This series is now based on 65 common stocks divided into 30 industrial, 20 railroad, and 15 public utility stocks. Indexes of the Standard and Poor's Corporation, available since 1918, are now based on daily closing prices of 500 stocks. (See table 580.) The Securities and Exchange Commission compiles an index of weekly closing prices of 265 stocks listed on the New York Stock Exchange, comprising 37 industry groups. These indexes are published in the Commission's *Statistical Bulletin*, the Council of Economic Advisers' *Economic Indicators*, and the *Federal Reserve Bulletin*.

#### INSURANCE

**Insurance statistics.**—There are a number of sources for statistics on insurance of various classes—life, health, fire, marine, and casualty. Individual States collect statistics on insurers operating within their respective jurisdictions; organizations representing certain classes of insurers, or of insurance, collect statistics for those classes; insurance publishers also gather statistics for various classes of insurance. The regulation of insurance is in the hands of the various States, Territories, and the District of Columbia and these bodies collect a great deal of primary information on insurance. The Federal Government does not collect comprehensive statistics on insurance on a national basis. Basic theories and practice are parallel throughout insurance but application of theory and details of practice, including vocabulary, differ enormously by class of insurance and by class of insurer. Sound combination or comparison of figures is often difficult or impossible.

**Types of insurance.**—Insurance is traditionally classified as life, fire and marine, and casualty. With some overlapping between classes, an insurer is authorized to write insurance falling into one of these three classes, though the States now permit insurers, other than life, to write all kinds of insurance except life. *Life insurance* and *marine insurance* are each fairly homogeneous, the one having to do with life contingencies, and the other with losses connected with transportation. *Fire insurance*, as

such, offers protection against loss by fire, but insurers in that business write several allied classes of insurance, principally against loss by windstorm, by damage to motor vehicles, by damage to aircraft, by sprinkler leakage, by earthquake, and by riot. *Casualty insurance* is a miscellaneous class, the principal subclasses of which are liability insurance (protecting against loss due to claims for damages) and workmen's compensation insurance (protecting an employer against loss due to his obligations under a workmen's compensation law). (See section 10, Social Insurance and Welfare Services.)

**Types of insurer.**—The principal classes of insurer are stock companies and mutual companies or associations. Of less importance are fraternal insurers, reciprocal exchanges, Lloyds, State funds, and savings banks. *Stock companies* are corporations owned and controlled by stockholders, usually for the purpose of making profits. *Mutuals* are owned and controlled by insured members for the purpose of meeting their insurance needs at cost. *Fraternal insurers* emphasize social purposes as well as insurance; *reciprocal exchanges* are organizations of individual insureds operating through an attorney-in-fact; *Lloyds* are groups of individuals writing insurance in syndicates; *State funds* are insurers operated by individual States and are almost entirely devoted to writing workmen's compensation insurance; *savings banks* write life insurance in three States.

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**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series N 172-178") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

# No. 530.—BANKS AND THE MONETARY SYSTEM—CONSOLIDATED CONDITION STATEMENT: 1929 TO 1958

[In millions of dollars. Figures partly estimated. Comprises all commercial and savings banks, Federal Reserve Banks, Postal Savings System, and Treasury currency funds. Treasury funds included are the gold account, Treasury currency account, and Exchange Stabilization Fund]

ITEM	1929 (June 29)	1939 (Dec. 30)	1945 (Dec. 31)	1950 (Dec. 30)	1955 (Dec. 31)	1956 (Dec. 31)	1957 (Dec. 31)	1958 (Mar. 28, prel.)
<b>Total assets or liabilities, net.....</b>	<b>64,698</b>	<b>75,171</b>	<b>191,785</b>	<b>199,009</b>	<b>244,135</b>	<b>250,757</b>	<b>257,397</b>	<b>257,700</b>
<b>ASSETS</b>								
Gold.....	4,037	17,644	20,065	22,706	21,690	21,949	22,781	22,500
Treasury currency outstanding.....	2,019	2,963	4,339	4,636	5,003	5,066	5,146	5,200
Bank credit, total.....	58,642	54,564	167,381	171,667	217,437	223,742	229,470	230,000
Loans, net.....	41,082	22,157	30,387	60,366	100,031	110,120	115,157	113,900
U. S. Government obligations, total.....	5,741	23,105	128,417	96,560	96,736	93,161	91,370	91,900
Commercial and savings banks.....	5,499	19,417	101,288	72,894	70,052	66,523	65,792	67,100
Federal Reserve Banks.....	216	2,484	24,262	20,778	24,785	24,915	24,238	23,500
Other.....	26	1,204	2,867	2,888	1,899	1,723	1,340	1,300
Other securities.....	11,819	9,302	8,577	14,741	20,670	20,461	22,943	24,300
<b>LIABILITIES AND CAPITAL</b>								
Capital and miscellaneous accounts, net.....	8,922	6,812	10,979	14,624	19,193	20,246	21,023	22,200
Deposits and currency, total.....	55,776	63,359	180,806	184,385	224,943	230,510	236,372	235,500
Foreign bank deposits, net.....	365	1,217	2,141	2,518	3,167	3,306	3,270	3,900
U. S. Government balances:								
Treasury cash holdings.....	204	2,409	2,287	1,293	767	775	761	700
At commercial and savings banks.....	381	846	24,608	2,989	4,038	4,038	4,179	5,800
At Federal Reserve Banks.....	36	634	977	668	394	441	481	600
Deposits adjusted and currency.....	54,790	63,253	150,793	176,916	216,577	221,950	227,681	224,500
Demand deposits <sup>1</sup> .....	22,540	29,793	75,851	92,272	109,914	111,391	110,254	104,600
Time deposits <sup>2</sup> .....	28,611	27,059	48,452	58,247	78,378	82,224	89,126	92,500
Commercial banks.....	19,557	15,258	30,135	35,314	48,359	50,577	56,139	58,800
Mutual savings banks <sup>3</sup> .....	8,905	10,523	15,385	20,009	28,129	30,000	31,662	32,400
Postal Savings System.....	149	1,278	2,932	2,923	1,890	1,647	1,325	1,300
Currency outside banks.....	3,639	6,401	26,490	25,398	28,285	28,335	28,301	27,400

<sup>1</sup> Deposits other than interbank and U. S. Government, less cash items reported in process of collection.

<sup>2</sup> Excludes interbank time deposits; United States Treasurer's time deposits, open account; and deposits of Postal Savings System in banks.

<sup>3</sup> Prior to 1950, includes a relatively small amount of demand deposits.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

# No. 531.—MONEY STOCK AND MONEY IN CIRCULATION: 1900 TO 1957

[In millions of dollars, except per capita. For explanation of revisions for earlier years, see annual reports of Secretary of Treasury 1922, p. 433, and 1928, pp. 70-71. Per capita figures based on Bureau of the Census estimated population as of July 1 or Dec. 31. See also *Historical Statistics, 1789-1946*, series N 148-151]

DATE	Stock of money in United States <sup>1</sup>	MONEY HELD IN TREASURY					MONEY OUTSIDE TREASURY		
		Total	In trust against gold and silver certificates <sup>2</sup>	Gold reserve against United States notes <sup>2</sup>	Held for Federal Reserve Banks and agents <sup>3</sup>	All other money	Held by Federal Reserve Banks and agents	In circulation	
								Amount	Per capita
June 30:									
1900.....	2,366	909	685	150	-----	135	-----	2,081	\$27.35
1910.....	3,467	1,603	1,285	150	-----	168	-----	3,149	34.07
1920.....	8,158	2,380	705	153	1,184	338	1,016	5,468	51.36
1930.....	8,307	4,022	1,978	156	1,796	91	1,741	4,522	36.74
1940.....	28,458	21,837	19,651	156	14,939	2,030	3,486	7,848	59.46
1945.....	48,009	22,202	19,024	156	16,259	2,122	3,746	26,746	191.61
1950.....	52,440	26,646	25,349	156	20,167	1,142	3,820	27,156	179.03
1954.....	53,429	24,451	23,670	156	18,423	655	4,273	29,922	184.24
1955.....	53,309	24,251	23,439	156	18,173	656	4,089	30,229	182.93
1956.....	54,000	24,330	23,562	156	18,269	612	4,233	30,715	182.74
1957.....	55,363	25,147	24,389	156	19,129	602	4,394	31,082	181.52
Dec. 31:									
1956.....	55,548	24,489	23,714	156	18,454	619	4,529	31,790	187.38
1957.....	56,570	25,286	24,525	156	19,269	605	4,706	31,834	184.22

<sup>1</sup> Excludes gold and silver certificates and Treasury notes of 1890 outside Treasury. Beginning 1940, excludes amount (gold certificates) held for Federal Reserve Banks and agents. These items are excluded since gold and silver held as security against them are included.

<sup>2</sup> Both items include reserve against Treasury notes of 1890.

<sup>3</sup> 1940 to date, gold certificates. Amount excluded from total since gold held as security against gold certificates is included in column "In trust against gold and silver certificates."

Source: Treasury Department; *Annual Report of the Secretary; Circulation Statement of United States Money*, published monthly.

## No. 532.—MONEY STOCK AND MONEY IN CIRCULATION, BY KIND: 1930 TO 1957

[In millions of dollars. As of June 30. See also *Historical Statistics, 1789-1945*, series N 148, 151-165]

KIND	1930	1940	1945	1950	1955	1956	1957
<b>Money stock</b> <sup>1</sup> .....	8,307	28,458	48,009	52,440	53,309	54,009	55,353
Gold coin and bullion <sup>2</sup> .....	4,535	19,963	20,213	24,231	21,678	21,799	22,623
Silver bullion.....	1,353	1,353	1,520	2,023	2,187	2,202	2,209
Silver dollars.....	540	547	494	493	490	489	483
Subsidiary silver.....	311	402	826	1,002	1,296	1,317	1,352
United States notes.....	347	347	347	347	347	347	347
Minor coin.....	126	174	304	378	450	463	485
Federal Reserve notes.....	1,747	5,482	23,651	23,603	26,629	27,178	27,633
Federal Reserve Bank notes.....	3	23	534	277	164	148	134
National bank notes.....	608	167	121	88	67	65	62
<b>Money in circulation</b> <sup>3</sup> .....	4,522	7,848	26,746	27,156	30,229	30,715	31,082
Gold coin <sup>4</sup> .....	357	67	52	41	34	33	33
Gold certificates.....	995	46	125	170	223	237	253
Silver dollars.....	39	1,582	1,651	2,177	2,170	2,143	2,162
Silver certificates.....	387	1	1	1	1	1	1
Treasury notes of 1890.....	1						
Subsidiary silver.....	281	384	788	965	1,202	1,259	1,315
Minor coin.....	117	169	292	361	433	453	474
United States notes.....	288	248	323	321	319	318	321
Federal Reserve notes.....	1,402	5,163	22,867	22,700	25,618	26,055	26,329
Federal Reserve Bank notes.....	3	22	527	274	163	147	133
National bank notes.....	651	165	120	86	67	64	62

<sup>1</sup> Totals involve duplication to extent that United States notes and Federal Reserve notes, included in full, are in part secured by gold, also included in full. Gold certificates, silver certificates, and Treasury notes of 1890 excluded, since they are complete duplications of equal amounts of gold or silver held as security therefor and included in totals.

<sup>2</sup> By proclamation of the President dated Jan. 31, 1934, weight of gold dollar reduced from 25.8 to 15 $\frac{1}{4}$  grains of gold, 0.9 fine. Hence, value of gold based on \$35 per fine ounce beginning June 1934; theretofore, based on \$20.67 per fine ounce.

<sup>3</sup> Includes paper currency held outside continental United States.

<sup>4</sup> Gold Reserve Act of 1934, which was culmination of gold actions of 1933, vested in United States title to all gold coin and gold bullion. Gold coin was withdrawn from circulation and formed into bars. Gold coin (\$287,000,000) shown on Treasury records as being then outstanding was dropped from monthly circulation statement as of Jan. 31, 1934.

Source: Treasury Department; *Annual Report of the Secretary*; *Circulation Statement of United States Money*, published monthly.

## No. 533.—DEMAND DEPOSIT ACCOUNTS—BANK DEBITS AND DEPOSIT TURNOVER: 1945 TO 1958

[Data partly estimated for 1945 to 1952 and comprise only debits or charges to demand deposit accounts of individuals, partnerships, and corporations, and of State and local governments, and payments from trust funds on deposit in the banking department. Excludes debits to U. S. Government deposit accounts, debits to time deposit accounts, and payments of certified and officers' checks, payments in settlement of clearing house balances, charges to expense and miscellaneous accounts, corrections, and similar charges, and debits to the accounts of banks, that is, to interbank accounts. For series including time deposits and U. S. Government accounts, see also *Historical Statistics, 1789-1945*, series N 76-85]

YEAR	DEBITS TO DEMAND DEPOSIT ACCOUNTS (\$1,000,000)				ANNUAL RATE OF TURNOVER OF DEMAND DEPOSITS		
	Total, all reporting centers	New York City	6 other centers <sup>1</sup>	338 other centers <sup>2</sup>	New York City	6 other centers <sup>1</sup>	338 other centers <sup>1</sup>
1945.....	924,464	382,760	200,202	341,502	24.1	17.5	13.5
1950.....	1,380,112	509,340	298,564	572,208	31.1	22.6	17.2
1951.....	1,542,554	544,367	336,885	661,302	31.9	24.0	18.4
1952.....	1,642,853	597,815	349,904	695,133	34.4	24.1	18.4
1953.....	1,759,069	632,801	385,831	740,436	36.7	25.6	18.9
1954.....	1,887,366	738,925	390,066	758,375	42.3	25.8	19.2
1955.....	2,043,548	766,890	431,651	845,007	42.7	27.3	20.4
1956.....	2,200,643	815,856	462,859	921,928	45.8	28.8	21.8
1957.....	2,356,768	888,455	489,311	979,002	49.5	30.4	23.0
March.....	197,231	74,786	42,113	80,332	48.7	32.0	22.5
1958, March (prel.).....	208,844	84,409	40,363	79,072	56.2	31.3	22.2

<sup>1</sup> Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles.

<sup>2</sup> 337 centers, beginning April 1955.

Source: Board of Governors of the Federal Reserve System; annual and current reports on bank debits and *Federal Reserve Bulletin*.



## No. 534.—ALL ACTIVE BANKS—ASSETS AND LIABILITIES: 1950 TO 1956

[Money figures in millions of dollars. As of December 31. Includes data for U. S. possessions]

ITEM	1950	1952	1953	1954	1955	1956
Number of banks.....	14,666	14,596	14,538	14,388	14,265	14,188
<b>Assets, total.....</b>	<b>192,241</b>	<b>214,831</b>	<b>221,133</b>	<b>232,685</b>	<b>243,105</b>	<b>251,965</b>
Loans and discounts, total.....	60,711	75,929	80,920	86,058	100,575	110,632
Real estate loans.....	21,926	27,245	29,793	33,580	38,461	42,465
On farm land (including improvements).....	1,013	1,130	1,135	1,215	1,355	1,394
On residential properties (other than farm).....	17,485	22,064	24,259	27,363	31,455	34,707
On other properties.....	3,428	4,052	4,400	5,003	5,650	6,363
Commercial and industrial loans (including open-market paper).....	22,068	28,041	27,368	27,060	33,456	38,965
Loans to farmers.....	2,927	3,947	4,989	5,227	4,495	4,181
Loans to brokers and dealers in securities.....	1,802	2,060	2,362	2,929	3,263	2,590
Loans to banks.....	90	158	162	240	575	655
Other loans to individuals.....	10,243	12,836	14,633	14,942	17,403	19,116
All other loans, including overdrafts.....	2,584	2,719	2,755	3,346	4,406	4,445
Less valuation reserves.....	927	1,077	1,142	1,266	1,484	1,786
Securities, total.....	88,005	90,460	91,325	98,524	91,064	87,352
U. S. Government obligations, direct and guaranteed.....	73,188	73,011	72,873	78,004	70,310	66,795
Obligations of States and political subdivisions.....	8,249	10,564	11,283	13,244	13,396	13,637
Other bonds, notes, and debentures.....	6,011	6,146	6,322	6,266	6,234	5,723
Corporate stocks, including stocks of Federal Reserve banks.....	557	739	847	1,010	1,124	1,197
Currency and coin.....	2,343	2,939	2,691	2,657	2,873	3,454
Balances with other banks, including reserve balances and cash items in process of collection.....	38,893	42,825	43,301	42,097	45,106	46,382
Bank premises owned, furniture and fixtures.....	1,241	1,442	1,557	1,706	1,898	2,111
Real estate owned other than bank premises.....	33	41	48	36	47	61
Investments and other assets indirectly representing bank premises or other real estate.....	103	101	95	104	124	134
Customers' liability on acceptances outstanding.....	235	341	392	597	441	725
Other assets.....	677	753	804	905	977	1,114
<b>Liabilities, total.....</b>	<b>178,325</b>	<b>199,377</b>	<b>204,923</b>	<b>215,321</b>	<b>224,895</b>	<b>232,615</b>
Deposits, total.....	176,120	196,431	201,978	212,030	221,892	228,579
Deposits of individuals, partnerships, and corporations:						
Demand.....	91,314	100,141	100,417	103,859	109,435	111,489
Per capita.....	585.18	620.40	611.74	622.15	644.38	645.39
Time.....	55,203	61,909	66,346	71,031	74,444	78,510
Per capita.....	353.77	383.54	404.17	425.50	438.35	454.47
U. S. Government and postal savings deposits.....	3,069	5,381	4,572	4,693	4,161	4,158
Deposits of States and political subdivisions.....	9,546	10,687	11,649	12,463	12,768	13,006
Deposits of banks.....	14,050	15,336	15,974	16,826	16,661	17,614
Other deposits (certified and cashiers' checks, etc.).....	2,938	2,977	3,020	3,218	3,923	3,802
Bills payable, rediscounts, and other liabilities for borrowed money.....	95	196	67	33	174	88
Acceptances executed by or for account of reporting banks and outstanding.....	270	363	419	628	472	757
Other liabilities.....	1,840	2,387	2,459	2,630	2,857	3,191
<b>Capital accounts, total.....</b>	<b>13,916</b>	<b>15,454</b>	<b>16,210</b>	<b>17,364</b>	<b>18,210</b>	<b>19,350</b>
Capital notes and debentures.....	47	47	43	46	51	50
Preferred stock.....	62	33	31	24	20	18
Common stock.....	3,561	3,937	4,100	4,358	4,636	4,939
Surplus.....	6,854	7,776	8,194	8,895	9,327	9,976
Undivided profits.....	2,809	3,066	3,241	3,400	3,541	3,706
Reserves and retirement account for preferred stock and capital notes and debentures.....	583	595	601	641	635	661
<b>Percent of total assets:</b>						
Cash and balances with other banks.....	21.5	21.3	20.8	19.2	19.7	19.8
U. S. Government obligations, direct and guaranteed.....	38.1	34.0	33.0	33.5	28.9	26.5
Other securities.....	7.7	8.1	8.3	8.8	8.6	8.2
Loans and discounts.....	31.6	35.3	36.6	37.0	41.4	43.9
Other assets.....	1.2	1.2	1.3	1.4	1.4	1.6
Total capital accounts.....	7.2	7.2	7.3	7.5	7.5	7.7

Source: Treasury Department, Comptroller of the Currency; *Annual Reports* and records.

# No. 535.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1900 TO 1956

[Money figures in millions of dollars. As of June 30 to 1940; Dec. 31, thereafter. Includes banks in Alaska, Hawaii, Puerto Rico, Philippine Islands (through 1940), and beginning with 1940, those in Virgin Islands, Canal Zone, Guam, and American Samoa. Figures for mutual savings banks include some stock savings banks for years prior to 1910 and also a few in several more recent years. Statistics for private banks cover only banks under State supervision and those voluntarily reporting. See also *Historical Statistics, 1789-1945*, series N 19-34, and N 43-48]

CLASS OF BANK AND YEAR	Number of banks	Total assets or liabilities <sup>1</sup>	SELECTED ASSETS			SELECTED LIABILITIES		
			Loans and discounts including overdrafts <sup>2</sup>	U. S. Govt. and other securities <sup>3</sup>	Cash and balances with other banks <sup>4</sup>	Capital stock <sup>5</sup>	Surplus, undivided profits, and reserve <sup>6</sup>	Total deposits <sup>7</sup>
All banks:								
1900.....	10,382	10,785.8	5,657.7	2,498.4	2,256.0	1,024.7	882.2	8,513.0
1910.....	23,095	22,450.3	12,521.8	4,687.8	4,437.3	1,879.9	1,955.6	17,584.2
1920.....	30,139	52,828.2	30,650.1	11,252.0	8,367.4	2,702.6	3,251.3	41,725.2
1930.....	24,079	73,462.4	40,510.1	17,944.7	11,178.0	3,889.4	6,392.1	59,847.2
1940.....	15,017	80,213.6	22,557.7	29,074.9	25,683.9	3,091.8	5,233.3	71,153.5
1945.....	14,598	178,351.1	30,466.9	110,515.7	35,614.8	3,187.4	7,424.2	166,530.1
1950.....	14,666	192,240.7	60,711.1	88,004.8	41,235.8	3,670.2	10,245.6	176,120.2
1951.....	14,636	203,862.6	68,001.0	87,586.3	45,716.6	3,840.0	10,866.3	186,603.7
1952.....	14,596	214,830.6	75,928.8	90,459.9	45,763.9	4,016.8	11,437.2	196,431.4
1953.....	14,538	221,132.8	80,920.2	91,325.1	45,991.6	4,173.7	12,035.7	201,978.3
1954.....	14,388	232,684.8	86,058.3	98,523.8	44,754.2	4,428.2	12,936.1	212,030.3
1955.....	14,265	243,105.0	100,575.2	91,063.7	47,979.1	4,707.0	13,503.3	221,391.6
1956.....	14,188	251,965.3	110,632.0	87,351.9	49,836.7	5,007.6	14,342.9	228,579.0
National banks:								
1900.....	3,732	4,944.2	2,644.2	774.6	1,400.3	621.5	391.5	3,621.5
1910.....	7,145	9,896.6	5,455.9	1,576.3	2,549.9	989.6	861.4	7,257.0
1920.....	8,030	23,276.3	13,502.1	4,050.9	4,495.4	1,224.2	1,397.9	17,166.6
1930.....	7,252	28,872.4	14,897.2	6,888.2	5,415.3	1,744.0	2,232.2	23,268.9
1940.....	5,170	36,885.1	9,179.2	12,905.3	13,877.1	1,534.6	1,941.8	33,074.4
1945.....	5,023	90,535.8	13,948.0	55,611.6	20,178.8	1,658.8	2,906.9	85,242.9
1950.....	4,965	97,240.1	29,277.5	43,022.6	23,813.4	2,001.7	4,327.3	89,629.6
1951.....	4,946	102,738.6	32,423.8	43,043.6	26,012.2	2,105.3	4,564.8	94,431.6
1952.....	4,916	108,132.7	36,119.7	44,292.3	26,399.4	2,224.9	4,834.4	99,257.8
1953.....	4,864	110,116.7	37,944.1	44,210.2	26,545.5	2,301.8	5,107.8	100,947.2
1954.....	4,796	116,150.6	39,827.7	48,932.3	25,721.9	2,485.8	5,618.4	106,145.8
1955.....	4,700	113,750.3	43,550.7	42,857.3	25,763.4	2,472.6	5,463.3	104,218.0
1956.....	4,659	117,702.0	48,248.3	40,503.4	27,082.5	2,638.1	5,834.0	107,494.8
State (commercial) banks: <sup>7</sup>								
1900.....	5,009	3,378.4	1,933.5	589.9	707.0	383.8	289.6	2,659.0
1910.....	14,378	8,741.2	5,230.3	1,424.0	1,695.2	871.5	795.0	6,840.2
1920.....	20,690	23,720.3	14,427.5	4,452.6	3,608.0	1,465.1	1,414.4	19,199.7
1930.....	15,860	34,180.0	19,651.4	7,162.4	5,450.9	2,136.9	3,082.6	27,281.4
1940.....	9,239	31,193.9	8,403.5	10,831.6	10,781.9	1,540.2	1,987.6	27,302.1
1945.....	9,003	70,555.2	12,184.7	42,854.6	14,772.7	1,517.7	2,825.7	65,694.5
1950.....	9,081	72,215.6	23,178.5	31,611.2	16,526.0	1,658.0	3,651.7	66,221.8
1951.....	9,075	77,305.6	25,616.1	31,981.5	18,723.8	1,729.6	3,869.4	70,932.2
1952.....	9,066	81,090.3	28,356.3	33,353.5	18,352.9	1,786.6	4,096.7	74,232.1
1953.....	9,066	83,515.5	29,959.0	34,061.9	18,370.8	1,866.4	4,343.9	76,317.4
1954.....	8,992	86,880.6	31,131.7	36,547.8	17,922.5	1,936.8	4,598.0	79,209.2
1955.....	8,963	97,704.5	39,443.2	35,611.4	21,163.0	2,228.7	5,201.7	88,676.2
1956.....	8,929	100,593.6	42,486.4	34,543.1	21,734.1	2,363.8	5,535.6	90,739.4

See footnotes at end of table.

## No. 535.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1900 TO 1956—Continued

[Money figures in millions of dollars]

CLASS OF BANK AND YEAR	Number of banks	Total assets or liabilities <sup>1</sup>	SELECTED ASSETS			SELECTED LIABILITIES		
			Loans and discounts including over-drafts <sup>2</sup>	U. S. Govt. and other securities <sup>3</sup>	Cash and balances with other banks <sup>4</sup>	Capital stock <sup>5</sup>	Surplus, undi-vided profits, and reserve <sup>6</sup>	Total depos-its <sup>1</sup>
<b>Mutual savings banks:</b>								
1900.....	652	2,336.5	1,001.6	1,128.1	114.0	-----	195.5	2,134.7
1910.....	638	3,652.4	1,727.2	1,676.1	160.7	-----	289.3	3,360.6
1920.....	620	5,619.0	2,591.5	2,716.3	226.7	-----	422.5	5,187.1
1930.....	606	10,295.3	5,896.0	3,872.4	296.8	-----	1,068.7	9,215.9
1940.....	551	11,952.2	4,926.5	5,261.5	979.4	8.0	1,288.1	10,631.4
1945.....	534	16,987.1	4,271.8	11,905.4	607.8	4.9	1,584.9	15,354.5
1950.....	529	22,384.9	8,136.8	13,209.4	796.9	5.4	2,241.8	20,031.3
1951.....	529	23,438.8	9,861.7	12,397.6	886.2	-----	2,406.9	20,915.3
1952.....	529	25,233.4	11,349.2	12,653.7	918.1	-----	2,479.3	22,621.2
1953.....	528	27,130.0	12,925.2	12,885.0	932.8	-----	2,559.1	24,397.9
1954.....	528	29,276.3	14,997.6	12,871.0	1,026.0	-----	2,693.7	26,359.0
1955.....	528	31,274.1	17,456.7	12,442.0	965.4	-----	2,812.1	28,186.7
1956.....	528	33,310.8	19,777.4	12,163.1	920.5	-----	2,947.0	30,031.7
<b>Private banks:</b>								
1900.....	989	126.8	78.4	5.8	34.7	19.4	5.6	97.7
1910.....	934	160.0	108.4	10.4	31.5	18.9	9.7	126.4
1920.....	799	212.6	128.9	32.2	37.4	13.3	16.5	171.8
1930.....	361	114.6	65.5	21.7	15.0	8.6	8.7	81.0
1940.....	57	182.4	48.4	76.5	45.4	8.9	15.8	145.5
1945.....	38	273.0	62.4	144.1	55.5	5.9	16.7	238.1
1950.....	91	400.1	118.4	161.6	99.4	5.1	24.8	337.4
1951.....	86	379.6	99.4	163.5	94.5	5.0	25.1	324.6
1952.....	85	374.1	103.7	160.4	93.5	5.3	26.8	320.2
1953.....	80	370.6	91.8	168.0	92.5	5.5	24.9	315.8
1954.....	72	377.2	101.3	172.8	83.8	5.6	26.0	316.3
1955.....	74	376.1	115.6	153.1	87.3	5.6	26.2	310.6
1956.....	72	383.9	119.8	142.2	99.7	5.6	26.2	313.0

<sup>1</sup> Reciprocal interbank demand balances with banks in U. S. are reported net, beginning 1945.<sup>2</sup> Acceptances of other banks and bills of exchange or drafts sold with endorsements are excluded for national and State banks beginning with 1920 and for other banks beginning with 1930.<sup>3</sup> Securities borrowed excluded for national banks beginning with 1910 and for other banks beginning with 1930. Not reported separately for prior years.<sup>4</sup> Includes lawful reserve and exchanges for clearing house. Beginning 1940, excludes cash items not in process of collection.<sup>5</sup> Beginning 1940, includes capital notes and debentures in banks other than national.<sup>6</sup> Interest, taxes, and other expenses accrued and unpaid are excluded for national banks beginning with 1920 and for other banks beginning with 1930. Beginning 1951, includes book value of capital notes and debentures of mutual savings banks.<sup>7</sup> Includes loan and trust companies, and with some exceptions (see headnote), stock savings banks.Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

# No. 536.—ALL ACTIVE BANKS—SUMMARY OF ASSETS AND LIABILITIES, BY STATES AND OTHER AREAS: 1956

[Money figures in millions of dollars. As of December 31]

STATE OR OTHER AREA	Number of banks	Total assets or liabilities	SELECTED ASSETS					SELECTED LIABILITIES		
			Loans and discounts, including overdrafts	U. S. Govt. and other securities	Cash and balances with other banks <sup>1</sup>	Capital, surplus, undivided profits and reserves <sup>2</sup>		Deposits		
								Total	Demand	Time (incl. postal sav-ings)
<b>Total</b>	<b>14,188</b>	<b>251,965.3</b>	<b>110,632.0</b>	<b>87,351.9</b>	<b>49,836.7</b>	<b>19,350.5</b>	<b>228,579.0</b>	<b>145,794.3</b>	<b>82,784.7</b>	
<b>Continental U. S.</b>	<b>14,146</b>	<b>250,763.9</b>	<b>110,075.7</b>	<b>86,982.3</b>	<b>49,639.7</b>	<b>19,248.3</b>	<b>227,540.3</b>	<b>145,173.1</b>	<b>82,367.2</b>	
<b>New England States</b>	<b>812</b>	<b>19,385.1</b>	<b>9,480.4</b>	<b>7,256.5</b>	<b>2,385.0</b>	<b>1,783.2</b>	<b>17,351.4</b>	<b>7,245.8</b>	<b>10,105.6</b>	
Maine	90	1,031.3	454.6	435.9	127.4	101.8	920.0	346.0	574.0	
New Hampshire	108	894.7	461.2	334.2	89.7	94.4	790.6	231.2	559.4	
Vermont	68	491.8	278.5	147.1	59.8	44.3	443.8	141.2	302.6	
Massachusetts	362	10,907.6	5,474.2	3,906.0	1,377.8	1,031.1	9,711.7	4,255.7	5,456.0	
Rhode Island	18	1,352.7	673.8	497.6	162.1	111.0	1,225.0	517.5	707.5	
Connecticut	166	4,707.1	2,138.2	1,035.7	568.2	400.6	4,260.4	1,754.2	2,506.2	
<b>Eastern States</b>	<b>1,915</b>	<b>92,823.9</b>	<b>45,819.6</b>	<b>28,750.9</b>	<b>16,361.9</b>	<b>7,852.1</b>	<b>82,913.4</b>	<b>47,803.4</b>	<b>35,110.0</b>	
New York	612	63,445.7	33,427.2	17,534.6	11,070.7	5,378.4	56,322.0	31,780.7	24,541.3	
New Jersey	299	7,840.0	3,257.0	3,256.7	1,208.2	549.1	7,218.3	3,715.6	3,502.7	
Pennsylvania	799	16,221.3	7,084.8	5,830.2	3,055.9	1,507.9	14,522.0	9,068.1	5,453.9	
Delaware	30	838.8	344.9	349.4	133.2	82.2	748.5	505.5	242.9	
Maryland	158	2,942.2	1,074.3	1,258.9	538.4	223.9	2,693.7	1,644.6	1,049.2	
District of Columbia	17	1,535.9	631.4	521.1	355.5	110.5	1,408.9	1,088.9	320.0	
<b>Southern States</b>	<b>3,971</b>	<b>38,436.1</b>	<b>14,330.2</b>	<b>13,197.5</b>	<b>10,249.4</b>	<b>2,769.0</b>	<b>35,249.5</b>	<b>28,227.6</b>	<b>7,021.9</b>	
Virginia	312	3,079.0	1,264.4	1,086.1	679.3	228.2	2,818.4	1,852.3	966.1	
West Virginia	182	1,278.2	421.0	553.9	288.3	118.8	1,146.7	832.6	314.1	
North Carolina	214	2,754.1	1,074.9	951.3	688.1	208.8	2,486.8	1,941.0	545.8	
South Carolina	148	943.5	320.9	377.2	234.0	72.0	864.3	736.3	127.9	
Florida	398	2,677.4	1,141.1	815.1	679.8	212.0	2,434.2	1,949.6	484.6	
Georgia	261	3,978.7	1,347.9	1,562.8	996.8	256.0	3,685.9	2,916.3	769.6	
Alabama	237	1,884.0	678.2	717.5	463.8	142.4	1,723.3	1,346.1	377.2	
Mississippi	196	1,130.3	386.2	461.3	267.7	82.1	1,043.2	854.4	188.8	
Louisiana	180	2,992.1	967.5	1,155.7	828.6	181.9	2,786.0	2,339.4	446.6	
Texas	945	11,293.6	4,280.5	3,303.8	3,438.1	787.9	10,372.6	8,867.0	1,505.6	
Arkansas	236	1,155.0	391.9	454.3	296.2	91.4	1,059.3	877.5	181.8	
Kentucky	365	2,284.0	831.8	828.2	605.9	174.9	2,093.8	1,729.1	364.7	
Tennessee	297	2,986.2	1,224.6	930.1	782.8	212.7	2,735.1	1,986.0	749.1	
<b>Middle Western States</b>	<b>4,944</b>	<b>59,415.8</b>	<b>22,560.5</b>	<b>23,768.1</b>	<b>12,493.9</b>	<b>4,114.3</b>	<b>54,753.4</b>	<b>37,485.1</b>	<b>17,268.3</b>	
Ohio	620	11,383.5	4,575.8	4,321.4	2,346.6	783.4	10,485.9	6,723.8	3,762.1	
Indiana	474	4,689.7	1,565.7	2,064.6	1,011.9	310.1	4,342.1	3,070.3	1,271.8	
Illinois	928	17,283.0	6,293.7	7,093.3	3,762.9	1,203.6	15,923.7	11,617.2	4,306.4	
Michigan	408	8,563.1	3,251.9	3,689.9	1,513.5	549.2	7,907.6	4,665.4	3,242.3	
Wisconsin	555	4,196.2	1,569.1	1,744.8	838.1	281.5	3,894.5	2,407.4	1,487.2	
Minnesota	683	4,237.0	1,813.8	1,516.2	861.6	311.4	3,882.2	2,479.6	1,402.6	
Iowa	666	2,974.0	1,183.4	1,199.4	590.2	239.4	2,726.5	1,998.9	727.6	
Missouri	610	6,089.3	2,307.2	2,138.5	1,590.1	435.7	5,590.9	4,522.6	1,068.3	
<b>Western States</b>	<b>2,119</b>	<b>11,315.3</b>	<b>3,936.1</b>	<b>4,537.7</b>	<b>2,724.6</b>	<b>824.5</b>	<b>10,418.4</b>	<b>8,499.9</b>	<b>1,918.5</b>	
North Dakota	154	709.1	229.2	365.8	107.2	54.5	650.4	454.0	196.4	
South Dakota	171	640.0	230.1	284.9	118.8	47.5	588.9	436.5	152.5	
Nebraska	421	1,640.8	564.2	660.7	401.8	129.8	1,502.2	1,343.4	158.8	
Kansas	598	2,261.3	746.0	958.0	539.3	170.5	2,081.7	1,769.6	322.2	
Montana	114	777.9	275.3	328.2	164.9	41.1	729.5	571.6	158.0	
Wyoming	53	372.7	117.2	163.7	87.9	26.1	344.4	258.3	86.1	
Colorado	170	1,786.9	702.7	626.1	439.3	125.8	1,642.4	1,237.3	405.1	
New Mexico	52	609.6	201.2	239.9	159.8	32.8	573.1	450.6	122.6	
Oklahoma	386	2,517.0	870.1	910.3	705.5	196.2	2,305.6	1,988.7	316.9	
<b>Pacific States</b>	<b>385</b>	<b>29,387.7</b>	<b>13,948.8</b>	<b>9,471.6</b>	<b>5,425.0</b>	<b>1,905.3</b>	<b>26,854.2</b>	<b>15,911.3</b>	<b>10,942.9</b>	
Washington	97	3,041.8	1,394.9	998.3	603.7	213.6	2,796.2	1,750.3	1,045.9	
Oregon	52	2,024.7	880.9	767.5	341.1	145.4	1,844.4	1,142.7	701.7	
California	139	21,553.9	10,450.6	6,767.7	3,929.5	1,375.0	19,651.3	11,251.5	8,399.8	
Idaho	33	592.7	251.8	226.3	106.8	32.9	555.7	384.1	171.6	
Utah	48	910.3	400.0	203.8	204.3	55.7	844.7	561.3	283.5	
Nevada	6	331.7	138.4	136.2	50.3	19.9	307.8	205.1	102.7	
Arizona	10	932.6	432.3	281.8	189.3	62.8	854.1	616.3	237.8	
<b>Other areas</b>	<b>42</b>	<b>1,201.5</b>	<b>556.3</b>	<b>369.6</b>	<b>197.0</b>	<b>102.1</b>	<b>1,038.6</b>	<b>621.2</b>	<b>417.5</b>	
Alaska	18	176.6	52.1	85.4	36.3	9.2	166.6	108.6	58.1	
Canal Zone (Panama)	(3)	22.1	1.6	1.1	4.1	-----	22.1	20.4	1.8	
Guam	(4)	21.9	7.8	-----	1.2	-----	21.6	12.3	9.3	
Hawaii	10	481.0	216.9	156.1	96.6	41.1	435.2	246.1	189.1	
Puerto Rico	10	479.4	271.7	116.1	55.9	50.7	374.2	227.4	146.8	
American Samoa	1	2.1	.2	1.5	.3	.2	1.9	1.2	.6	
Virgin Islands	3	18.3	6.1	9.4	2.6	1.0	17.0	5.2	11.8	

<sup>1</sup> Includes reserve balances and cash items in process of collection.<sup>2</sup> Includes capital notes and debentures and retirement account for preferred stock and capital notes, etc.<sup>3</sup> 2 branches of a national bank and 2 branches of a State member bank in New York. <sup>4</sup> Branch of a national bank in California. <sup>5</sup> Includes data for branches of a national bank and a State member bank in New York.Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

**No. 537.—ALL BANKS—PRINCIPAL ASSETS AND LIABILITIES, AND NUMBER OF BANKS:  
1940 TO 1958**

[Money figures in millions of dollars. As of December 31. In general, data cover national banks, State commercial banks, trust companies, mutual and stock savings banks, and such private, Morris Plan, and industrial banks for which data are available. Data include one member bank in Alaska and one in Virgin Islands that became members on April 15, 1954, and May 31, 1957, respectively. For member bank data, see table 539; for figures on all active banks including those in Territories and possessions, see table 535]

ITEM	1940	1945	1950	1955	1956	1957	1958, Mar. 26 (prel.)
Loans and investments, total.....	54,177	140,227	148,021	190,780	197,063	203,849	205,990
Loans.....	23,756	30,362	60,386	100,057	110,079	115,115	114,610
Investments, total.....	30,422	109,865	87,635	90,722	86,985	88,735	91,380
U. S. Government obligations.....	20,972	101,288	72,894	70,052	66,623	65,792	67,120
Other securities.....	9,449	8,577	14,741	20,670	20,461	22,943	24,260
Cash assets <sup>1</sup> .....	28,090	35,415	41,086	47,803	49,641	49,318	42,220
Deposits, total <sup>1</sup> .....	75,996	165,612	175,296	220,441	227,546	223,020	226,810
Interbank <sup>1</sup> .....	10,934	14,065	14,039	16,646	17,695	17,022	15,560
Other:							
Demand.....	38,558	105,935	104,744	126,951	129,044	127,896	119,770
Time.....	26,503	45,613	56,513	76,844	80,908	88,102	91,480
Capital accounts.....	8,302	10,542	13,837	18,112	19,249	20,428	20,830
Number of banks.....	14,896	14,553	14,650	14,243	14,167	14,090	14,078

<sup>1</sup> Beginning June 30, 1942, excludes reciprocal interbank balances, which on Dec. 31, 1942, aggregated \$513 million at all member banks and \$525 million at all insured commercial banks.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

**No. 538.—ALL COMMERCIAL BANKS—LOANS AND INVESTMENTS, BY CLASS: 1947 TO 1957**

[Money figures in millions of dollars. As of December 31]

ITEM	1947	1954	1955	1956	1957
Number of banks.....	14,181	13,840	13,716	13,640	13,598
Loans and investments, total.....	116,284	155,916	160,881	165,123	170,068
Loans, total <sup>1</sup> .....	38,057	70,619	82,601	90,302	93,899
Commercial, including open market paper.....	18,167	26,867	33,245	38,720	40,526
Agricultural.....	1,660	5,200	4,475	4,161	4,066
For purchasing or carrying securities.....	2,050	4,454	5,037	4,280	4,221
Real estate.....	9,393	18,418	20,809	22,509	23,110
Other loans to individuals.....	5,723	14,750	17,185	18,850	20,217
Other.....	1,063	2,000	3,117	3,343	3,533
Investments, total.....	78,226	85,297	78,280	74,821	76,169
U. S. Government obligations.....	69,221	68,981	61,592	58,552	53,239
Bills.....	2,193	5,065	4,219	5,924	5,405
Certificates of indebtedness.....	7,789	5,361	2,318	1,997	4,813
Notes.....	6,034	14,072	14,034	11,823	10,608
Bonds.....	53,191	43,861	41,010	38,796	37,406
Guaranteed obligations.....	14	22	11	13	8
Obligations of States and political subdivisions.....	5,276	12,536	12,698	12,901	13,915
Other securities.....	3,729	3,729	3,990	3,368	4,014

<sup>1</sup> Beginning 1954, figures for detailed loan items are shown gross (before deduction of valuation reserves). Total loans are shown net for all years.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 539.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1940 TO 1958

[Money figures in millions of dollars. As of December 31. See also *Historical Statistics, 1789-1945*, series N 49-55, for data as of June 30 on all member banks]

ITEM	ALL MEMBER BANKS						
	1940	1945	1950	1955	1956	1957	1958, Mar. 26 (prel.)
Number of banks.....	6,486	6,884	6,873	6,543	6,462	6,393	6,380
<b>ASSETS</b>							
Loans and investments, total.....	37,126	107,183	107,424	135,360	138,768	142,353	143,874
Loans.....	15,321	22,775	44,705	70,982	78,034	80,950	80,089
Investments, total.....	21,805	84,408	62,719	64,377	60,734	61,403	63,785
U. S. Govt. obligations <sup>1</sup> .....	15,823	78,338	52,365	50,697	47,575	47,079	48,572
Other securities.....	5,982	6,069	10,355	13,680	13,159	14,324	15,213
Reserve with Federal Reserve Banks.....	13,992	15,811	17,459	18,722	18,707	18,973	18,300
Cash in vault.....	991	1,438	1,643	2,019	2,487	2,536	2,196
Balances with domestic banks <sup>2</sup> .....	6,185	7,117	6,868	7,612	8,124	7,806	<sup>3</sup> 6,507
<b>LIABILITIES</b>							
Deposits, total.....	56,430	120,670	133,080	163,757	167,906	170,637	164,745
Interbank:							
Domestic banks <sup>2</sup> .....	9,716	12,380	11,693	13,040	13,857	13,383	14,977
Foreign banks.....	706	1,260	1,755	2,826	2,999	2,945	
U. S. Government <sup>4</sup> .....	651	22,275	2,698	3,634	3,574	3,730	5,326
Postal savings.....	22	3	7	19	19	17	16
All other:							
Demand.....	33,213	69,640	87,783	105,400	106,850	105,547	97,141
Time.....	12,122	24,111	29,153	38,838	40,608	45,015	47,285
Demand deposits adjusted <sup>5</sup> .....	30,429	64,184	78,370	92,435	93,320	92,191	87,749
Net demand deposits subject to reserve.....	35,262	70,918	87,160	102,690	104,084	102,967	(6)
Borrowings.....	3	208	79	137	48	57	855
Capital accounts.....	5,698	7,589	9,695	12,783	13,655	14,554	14,828

ITEM	NEW YORK <sup>7</sup>			CHICAGO <sup>7</sup>			RESERVE CITY BANKS			COUNTRY BANKS		
	1955	1956	1957	1955	1956	1957	1955	1956	1957	1955	1956	1957
Number of banks.....	18	18	18	13	14	14	292	289	278	6,220	6,141	6,083
<b>ASSETS</b>												
Loans and investments, total.....	23,533	23,809	23,828	6,542	6,473	6,446	52,450	53,915	55,259	52,775	54,571	56,820
Loans.....	14,640	15,987	16,102	3,342	3,772	3,852	28,622	31,783	32,805	24,379	26,491	28,101
Investments, total.....	8,943	7,822	7,726	3,200	2,701	2,594	23,837	22,132	22,454	28,397	28,080	28,629
U. S. Govt. obligations <sup>1</sup> .....	6,796	6,057	5,880	2,506	2,113	2,032	18,826	17,368	17,352	22,570	22,037	21,815
Other securities.....	2,148	1,765	1,846	695	588	562	5,011	4,764	5,102	5,826	6,042	6,814
Reserve with Federal Reserve Banks.....	4,431	4,375	4,564	1,135	1,158	1,071	7,727	7,649	7,763	5,429	5,526	5,576
Cash in vault.....	127	161	158	32	37	39	638	787	790	1,222	1,502	1,549
Balances with domestic banks <sup>2</sup> .....	111	99	110	141	174	148	2,515	2,656	2,585	4,844	5,194	4,964
<b>LIABILITIES</b>												
Deposits, total.....	29,378	29,149	29,371	8,010	7,943	7,792	64,733	66,524	67,483	61,636	64,289	65,901
Interbank:												
Domestic banks <sup>2</sup> .....	3,371	3,630	3,486	1,246	1,318	1,293	6,918	7,313	6,968	1,504	1,595	1,635
Foreign banks.....	2,229	2,357	2,295	50	53	54	528	565	574	19	24	23
U. S. Government <sup>4</sup> .....	815	783	762	227	188	199	1,389	1,311	1,467	1,202	1,232	1,303
Postal savings.....							5	4	4	15	14	13
All other:												
Demand.....	20,719	19,940	19,959	5,165	5,069	4,904	39,835	40,647	39,960	39,681	41,194	40,724
Time.....	2,244	2,439	2,869	1,321	1,315	1,342	16,058	16,883	18,510	19,215	20,171	22,294
Demand deposits adjusted <sup>5</sup> .....	16,493	15,974	15,849	4,349	4,272	4,084	33,757	34,046	33,583	37,836	39,028	38,675
Net demand deposits subject to reserve.....	21,655	21,646	21,348	5,717	5,647	5,465	39,750	40,190	39,611	35,568	36,601	36,543
Borrowings.....	1	2	2	3	4	4	82	21	21	52	21	30
Capital accounts.....	2,745	2,873	3,136	628	660	689	4,641	5,076	5,370	4,769	5,046	5,359

<sup>1</sup> Both direct and guaranteed obligations.

<sup>2</sup> Beginning June 30, 1942, excludes reciprocal bank balances which on Dec. 31, 1942, aggregated \$513,000,000.

<sup>3</sup> Includes small amount of balances with banks in foreign countries.

<sup>4</sup> Includes U. S. Treasurer's time deposits, open account.

<sup>5</sup> Demand deposits other than interbank and U. S. Government, less cash items reported as in process of collection.

<sup>6</sup> Not available.

<sup>7</sup> Central reserve city banks only.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin* and *Member Bank Call Report*.

## No. 540.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—COMMERCIAL AND INDUSTRIAL LOANS: 1946 AND 1955

[1946 figures as of November; 1955 as of October]

BUSINESS OF BORROWER	All bor- rowers <sup>1</sup>	ASSETS OF BORROWER					
		Under \$50,000	\$50,000 to \$250,000	\$250,000 to \$1,000,000	\$1,000,000 to \$5,000,000	\$5,000,000 to \$25,000,000	\$25,000,000 and over
1946:							
Number of loans.....percent..	100.0	64.5	24.0	8.3		1.7	
Amount of loans.....percent..	100.0	9.2	16.4	29.0		44.3	
1955:							
Number of loans.....percent..	100.0	42.4	35.0	13.8		1.8	
Amount of loans.....percent..	100.0	4.9	14.6	34.5		43.1	
NUMBER OF LOANS, 1955 (1,000)							
All businesses.....	1,185.2	503.1	414.9	125.8	37.9	11.0	10.4
Manufacturing and mining.....	204.1	63.4	74.7	35.1	13.8	4.6	3.6
Food, liquor, and tobacco.....	32.6	11.9	10.6	4.8	1.9	0.8	1.1
Textiles, apparel, and leather.....	28.0	7.0	10.9	5.1	2.4	0.7	0.3
Metals and metal products.....	52.9	15.0	20.5	9.4	3.5	1.5	1.0
Petroleum, coal, chemicals, and rubber.....	24.7	7.1	7.7	4.7	2.6	0.8	0.7
Other.....	65.9	22.3	25.0	11.0	3.5	0.7	0.5
Trade.....	467.0	213.7	175.4	41.4	9.1	1.8	1.4
Wholesale trade.....	96.7	26.9	40.8	18.7	5.1	1.2	0.5
Wholesale trade, except com- modity dealers.....	88.5	24.5	37.9	17.3	4.4	0.9	0.2
Commodity dealers.....	8.2	2.3	2.9	1.4	0.8	0.3	0.2
Retail trade.....	370.4	186.8	134.5	22.8	3.9	0.7	0.9
Other.....	514.1	226.0	164.9	49.3	15.1	4.5	5.5
Sales finance companies.....	12.0	0.9	2.6	2.4	2.3	1.5	2.0
Transportation, communication, and other public utilities.....	40.5	16.8	10.5	4.1	1.6	1.1	2.4
Construction.....	94.3	36.3	37.5	12.7	2.9	0.4	0.2
Real estate.....	67.6	15.9	29.4	11.7	4.2	0.8	0.4
Services.....	212.0	119.5	62.9	11.2	2.0	0.3	0.3
Other nonfinancial.....	87.8	36.7	21.9	7.3	2.0	0.4	0.2
AMOUNT OF LOANS, 1955 (\$1,000,000)							
All businesses.....	30,805	1,501	4,505	5,051	5,586	4,742	8,536
Manufacturing and mining.....	11,346	230	985	1,532	2,306	2,215	3,849
Food, liquor, and tobacco.....	1,869	37	130	234	341	348	760
Textiles, apparel, and leather.....	1,736	35	202	335	497	322	316
Metals and metal products.....	3,241	58	251	388	558	719	1,229
Petroleum, coal, chemicals, and rubber.....	2,603	31	118	192	407	540	1,188
Other.....	1,896	69	283	383	503	287	349
Trade.....	6,573	579	1,628	1,513	1,167	741	816
Wholesale trade.....	3,128	102	536	847	772	489	322
Wholesale trade, except com- modity dealers.....	2,392	93	480	743	608	320	106
Commodity dealers.....	736	9	56	105	164	169	216
Retail trade.....	3,445	477	1,091	665	395	252	494
Other.....	12,885	693	1,893	2,007	2,113	1,786	3,871
Sales finance companies.....	2,832	6	89	211	404	458	1,654
Transportation, communication, and other public utilities.....	2,835	48	122	190	255	450	1,695
Construction.....	1,692	131	403	462	338	190	65
Real estate.....	2,430	105	437	552	600	383	103
Services.....	1,763	308	553	330	191	114	171
Other nonfinancial.....	1,333	94	237	262	275	192	185

<sup>1</sup> Includes borrowers for whom assets were not ascertained, not shown separately.Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 541.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—EARNINGS, EXPENSES, AND DIVIDENDS: 1940 TO 1957

[Money figures in millions of dollars; ratios in percentages. See also *Historical Statistics, 1789-1945*, series N 68-75]

ITEM	1940	1945	1950	1955	1956	1957
Number of banks.....	6,486	6,884	6,873	6,543	6,462	6,393
Current earnings, total.....	1,323.0	2,102.2	3,264.7	5,842.6	6,078.2	6,771.0
Interest earned.....	1,026.6	1,707.9	2,663.2	4,435.6	5,079.9	5,643.3
Expenses, total <sup>1</sup> .....	921.0	1,267.6	2,019.7	3,265.1	3,679.9	4,222.4
Interest paid.....	147.6	185.2	274.9	565.1	693.5	975.1
Salaries and wages.....	400.3	579.0	999.9	1,671.4	1,735.2	1,877.3
Net current earnings <sup>1</sup> .....	402.0	834.5	1,244.9	2,077.5	2,398.3	2,548.6
Profits before income taxes.....	(1)	{ 1,058.5	1,149.9	1,676.0	1,744.3	2,063.5
Taxes on net income.....						
Net profits.....	349.1	270.1	369.1	690.8	717.7	894.5
Cash dividends declared.....	210.5	783.4	780.8	985.2	1,026.6	1,168.9
Capital accounts <sup>2</sup> .....	5,597.0	7,243.0	9,455.0	500.9	546.9	603.8
Ratios to average capital accounts:						
Net current earnings <sup>1</sup> .....	7.2	11.5	13.2	16.6	18.1	18.1
Net profits.....	6.2	10.9	8.3	7.9	7.7	8.3
Cash dividends declared.....	3.8	3.4	3.7	4.0	4.1	4.3
Ratios to average total assets:						
Total current earnings.....	2.3	1.7	2.4	3.1	3.5	3.8
Net current earnings <sup>1</sup> .....	0.7	0.7	0.9	1.2	1.4	1.4

<sup>1</sup> Beginning 1945, taxes on net income, previously in expenses, are reported separately.

<sup>2</sup> Prior to 1950, averages of amounts reported for every call date in year and final call date in preceding year. Beginning 1950, averages of amounts reported for call dates at beginning, middle, and end of year were used, plus the last-Wednesday-of-the-month figures for the 10 intervening months.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 542.—FEDERAL RESERVE SYSTEM, MEMBER BANK RESERVE REQUIREMENTS: 1917 TO 1958

[Percent of deposits. See also *Historical Statistics, 1789-1945*, series N 131-134]

EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS <sup>1</sup>			Time deposits (all member banks)	EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS <sup>1</sup>			Time deposits (all member banks)
	Central reserve city banks	Reserve city banks	Country banks			Central reserve city banks	Reserve city banks	Country banks	
June 21, 1917.....	13	10	7	3	Aug. 25, 1949.....	22½	18½	—	—
Aug. 16, 1936.....	10½	15	10½	4½	Sept. 1, 1949.....	22	18	—	—
Mar. 1, 1937.....	22¾	17½	12¾	5½	Jan. 17, 1951.....	23	19	—	6
May 1, 1937.....	26	20	14	6	Jan. 16, 1951.....	—	—	13	6
Apr. 16, 1938.....	22¾	17½	12	5	Jan. 25, 1951.....	24	20	—	—
Nov. 1, 1941.....	26	20	14	6	Feb. 1, 1951.....	—	—	14	—
Aug. 20, 1942.....	24	—	—	—	July 1, 1953.....	—	—	13	—
Sept. 14, 1942.....	22	—	—	—	July 9, 1953.....	22	19	—	—
Oct. 3, 1942.....	20	—	—	—	June 16, 1954.....	—	—	—	5
Feb. 27, 1943.....	22	—	—	—	June 24, 1954.....	21	—	—	5
June 11, 1948.....	24	—	—	—	July 29, 1954.....	20	18	—	—
Sept. 16, 1948.....	—	—	16	2 7½	Aug. 1, 1954.....	—	—	12	—
Sept. 24, 1948.....	26	22	—	3 7½	Feb. 27, 1958.....	19½	17½	—	—
May 1, 1949.....	—	—	15	2 7	Mar. 1, 1958.....	—	—	11½	—
May 5, 1949.....	24	21	—	3 7	Mar. 20, 1958.....	19	17	—	—
June 30, 1949.....	—	20	—	3 6	Apr. 1, 1958.....	—	—	11	—
July 1, 1949.....	—	—	14	2 6	Apr. 17, 1958.....	18½	—	—	—
Aug. 1, 1949.....	—	—	13	—	Apr. 24, 1958.....	18	16½	—	—
Aug. 11, 1949.....	23½	19½	—	3 5	In effect May 1, 1958.....	18	16½	11	5
Aug. 16, 1949.....	—	—	12	2 5					
Aug. 18, 1949.....	23	19	—	—					

<sup>1</sup> Demand deposits subject to reserve requirements, i. e., total demand deposits minus cash items in process of collection and demand balances due from domestic banks (also minus war loan and series B bond accounts during period Apr. 13, 1943-June 30, 1947, and all U. S. Government demand accounts Apr. 24, 1917-Aug. 22, 1935).

<sup>2</sup> Requirement became effective at country banks.

<sup>3</sup> Requirement became effective at central reserve and reserve city banks.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



## FEDERAL RESERVE BANKS

447

## No. 543.—FEDERAL RESERVE BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1950 TO 1957

[In millions of dollars. As of December 31. See also *Historical Statistics, 1789-1945*, series N 114-123, for data on all Federal Reserve Banks]

FEDERAL RESERVE DISTRICT AND DATE	ASSETS					LIABILITIES				
	Total	Re- serves	Reserve bank credit outstanding			Capital	Sur- plus	Federal Reserve notes	De- posits <sup>2</sup>	Re- serve per- cent- age <sup>3</sup>
			Total <sup>1</sup>	Loans and securities						
				Dis- counts and ad- vances	U. S. Govt. securi- ties					
<b>All Fed. Res. Banks:</b>										
1950.....	47,172	21,458	22,216	67	20,778	225	538	23,587	19,810	49.4
1955.....	52,340	21,009	20,507	108	24,785	303	721	26,921	20,355	44.4
1956.....	52,910	21,269	20,699	50	24,915	326	775	27,476	20,249	44.6
1957.....	53,028	22,085	25,784	55	24,238	345	837	27,535	20,117	46.3
<b>Boston:</b>										
1950.....	2,643	846	1,515	(4)	1,429	12	35	1,424	925	36.0
1955.....	2,912	1,016	1,525	1	1,347	16	45	1,614	921	40.1
1956.....	2,880	929	1,533	2	1,353	17	47	1,623	837	37.8
1957.....	2,897	1,067	1,418	1	1,294	18	50	1,638	838	43.1
<b>New York:</b>										
1950.....	12,443	6,584	5,234	62	4,884	73	161	5,343	6,323	56.4
1955.....	13,204	5,370	7,022	19	6,592	89	203	6,120	6,120	43.9
1956.....	13,403	5,601	6,943	9	6,499	94	215	6,414	5,978	45.2
1957.....	13,628	5,705	6,977	5	6,451	102	231	6,501	6,048	45.5
<b>Philadelphia:</b>										
1950.....	2,874	1,181	1,468	4	1,378	16	44	1,666	957	45.0
1955.....	3,076	1,167	1,620	27	1,484	20	54	1,840	934	42.1
1956.....	3,075	1,114	1,586	8	1,479	21	57	1,756	926	41.5
1957.....	3,050	1,244	1,456	5	1,385	21	60	1,739	942	40.4
<b>Cleveland:</b>										
1950.....	3,973	1,544	2,100	(4)	1,921	22	49	2,112	1,500	42.7
1955.....	4,596	1,781	2,318	1	2,096	29	64	2,493	1,567	43.9
1956.....	4,755	2,013	2,159	4	2,129	31	67	2,593	1,539	48.7
1957.....	4,681	2,023	2,206	4	2,033	33	73	2,625	1,569	48.3
<b>Richmond:</b>										
1950.....	2,750	1,004	1,454	1	1,339	10	29	1,616	861	40.5
1955.....	3,303	1,348	1,553	4	1,437	14	38	2,025	892	46.2
1956.....	3,397	1,387	1,654	5	1,515	15	41	2,181	867	45.5
1957.....	3,455	1,421	1,614	4	1,515	16	45	2,188	781	46.5
<b>Atlanta:</b>										
1950.....	2,365	930	1,196	(4)	1,110	9	23	1,276	859	43.6
1955.....	2,686	943	1,333	20	1,259	14	32	1,398	914	40.8
1956.....	2,658	883	1,399	3	1,265	15	34	1,372	950	38.1
1957.....	2,677	880	1,299	3	1,229	17	37	1,305	912	39.7
<b>Chicago:</b>										
1950.....	8,195	4,260	3,377	(4)	3,143	29	77	4,560	3,032	56.1
1955.....	9,089	3,812	4,618	3	4,254	40	103	5,190	3,098	46.0
1956.....	9,152	3,767	4,747	9	4,294	44	112	5,273	3,197	44.5
1957.....	9,142	3,962	4,443	9	4,140	47	123	5,334	3,027	47.4
<b>St. Louis:</b>										
1950.....	2,016	631	1,206	1	1,138	7	21	1,097	740	34.3
1955.....	2,224	940	1,075	2	1,012	11	28	1,248	765	46.7
1956.....	2,154	865	1,091	1	1,027	11	30	1,211	749	44.1
1957.....	2,180	952	1,007	(4)	981	12	32	1,227	741	48.4
<b>Minneapolis:</b>										
1950.....	1,159	388	672	-----	641	5	14	611	442	36.8
1955.....	1,117	363	621	1	591	7	19	532	446	37.1
1956.....	1,104	374	553	4	556	7	20	498	432	40.2
1957.....	1,103	413	535	(4)	512	7	21	495	462	43.2
<b>Kansas City:</b>										
1950.....	2,074	868	1,006	(4)	962	8	20	920	947	46.5
1955.....	2,209	875	1,126	17	1,061	12	27	1,051	938	44.0
1956.....	2,200	840	1,162	2	1,066	13	29	1,075	916	42.2
1957.....	2,186	885	1,069	7	1,018	14	32	1,077	862	45.6
<b>Dallas:</b>										
1950.....	1,807	648	989	-----	941	10	18	639	990	39.8
1955.....	2,070	813	1,003	2	978	17	35	720	1,088	44.9
1956.....	2,041	754	1,052	1	978	18	39	726	1,075	41.8
1957.....	2,054	836	977	15	930	19	42	748	1,047	46.6
<b>San Francisco:</b>										
1950.....	4,874	2,573	1,999	-----	1,893	24	47	2,322	2,234	56.5
1955.....	5,854	2,581	2,790	10	2,672	34	73	2,689	2,672	48.2
1956.....	6,090	2,742	2,820	3	2,754	39	85	2,752	2,783	49.5
1957.....	5,974	2,696	2,783	1	2,701	40	91	2,658	2,799	49.4

<sup>1</sup> Comprises total loans and securities, amounts due from foreign banks, and Reserve Bank float.<sup>2</sup> Member bank reserves constitute about 95 percent of deposits.<sup>3</sup> Ratio of reserves to aggregate of total deposit and Federal Reserve note liabilities.<sup>4</sup> Less than \$500,000.Source: Board of Governors of the Federal Reserve System; *Annual Report* and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

No. 544.—FEDERAL RESERVE BANKS—DISCOUNT RATES: 1954<sup>1</sup> TO 1958

[Percent per annum. For rates for 1914 to 1921, see *Statistical Abstract* 1928, table 249; for 1922 to 1932, *Statistical Abstract* 1933, table 232; for 1933 to 1936, *Statistical Abstract* 1942, table 268; for 1937 to 1950, *Statistical Abstract* 1954, table 491; for 1951 to 1954, *Statistical Abstract* 1957, table 523. For rates on industrial advances authorized by sec. 13b of Federal Reserve Act, which are not shown in this table, see source.]

MONTH ESTABLISHED	Bos- ton	New York	Phila- del- phia	Cleve- land	Rich- mond	At- lanta	Chi- cago	St. Louis	Min- neap- olis	Kan- sas City	Dallas	San Fran- cisco
DISCOUNTS FOR AND ADVANCES TO MEMBER BANKS UNDER SECS. 13 AND 13(a) OF FEDERAL RESERVE ACT <sup>1</sup>												
In effect Jan. 1, 1954.	2	2	2	2	2	2	2	2	2	2	2	2
1954—February	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
April	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
May												
1955—April	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
May												
August	2	2	2	2½	2	2½	2	2½	2	2	2	2
September	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
November	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
1956—April	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
August	3	3	3	3	3	3	3	3	3	3	3	3
1957—August	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
November	3	3	3	3	3	3	3	3	3	3	3	3
1958—January	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
February												
In effect Mar. 1, 1958.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	3
ADVANCES TO MEMBER BANKS UNDER SEC. 10(b) OF FEDERAL RESERVE ACT <sup>4</sup>												
In effect Jan. 1, 1954.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
1954—February	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
April	2	2		2	2			2	2		2	2
May												
September			2		2	2	2	2½	2½		2½	2½
1955—April	2½	2½	2½	2½	2½	2½	2½	2½	2½		2½	2½
May						2½	2½	2½	2½	2½	2½	2½
August	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
September	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
November	3	3	3	3	3	3	3	3	3	3	3	3
1956—April	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
August	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
1957—August	4	4	4	4	4	4	4	4	4	4	4	4
November	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
1958—January	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
February												
In effect Mar. 1, 1958.	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
ADVANCES TO INDIVIDUALS, PARTNERSHIPS, AND CORPORATIONS (EXCEPT MEMBER BANKS), SECURED BY DIRECT OBLIGATIONS OF U. S. (last par. sec. 13 of Federal Reserve Act)												
In effect Jan. 1, 1954.	3	3	2½	3	3	3½	2½	3	3	2½	3	3
1954—February	2½					3½						
1955—April	3		3				3			3	3½	
August										3½	3½	
September	3½	3½							3½	3½		3½
November	3½		3½	3½	3½	3½	3½	3½	3½	3½		3½
1956—April	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½	3½
August	4	4	4	4	4	4	4	4	4	4	4	4
1957—August	4½	4½	4	4½	4½	4½	4½	4½	4½	4½	4½	4½
November	4	4	4	4	4	4	4	4	4	4	4	4
1958—January	3½	3½										
February												
In effect Mar. 1, 1958.	3½	3½	4	4	4	4	4	3½	4	4	4½	4½

<sup>1</sup> Rediscounts of notes, drafts, and bills eligible for discount under Federal Reserve Act, and advances secured by such paper, by direct obligations of U. S., by certain obligations guaranteed as to principal and interest by U. S., and by obligations of Federal intermediate credit banks maturing within 6 months.

<sup>2</sup> Effective Aug. 26; 2 percent became effective Aug. 4.

<sup>3</sup> Effective Aug. 30; 2 percent became effective Aug. 8.

<sup>4</sup> Advances secured to satisfaction of Federal Reserve Bank.

<sup>5</sup> Effective Aug. 26; 2½ percent became effective Aug. 4.

<sup>6</sup> Effective Aug. 30; 2½ percent became effective Aug. 8.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 545.—INSURED COMMERCIAL BANKS—ASSETS AND LIABILITIES: 1950 TO 1957

[Money figures in millions of dollars. As of December 31. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, and Canal Zone]

ITEM	1950 <sup>1</sup>	1951	1952	1953	1954	1955	1956	1957
Number of banks.....	13, 446	13, 455	13, 439	13, 432	13, 323	13, 237	13, 218	13, 165
<b>Assets, total.....</b>	<b>166, 792</b>	<b>177, 449</b>	<b>186, 682</b>	<b>191, 063</b>	<b>200, 588</b>	<b>209, 145</b>	<b>216, 145</b>	<b>221, 534</b>
Cash, balances with other banks, and cash items in process of collection.....	39, 865	44, 242	44, 299	44, 478	43, 235	46, 580	48, 444	48, 218
Securities, total.....	73, 198	73, 673	76, 280	76, 852	84, 142	77, 240	73, 947	75, 330
U. S. Government obligations, direct and guaranteed.....	61, 047	60, 599	62, 408	62, 473	68, 121	60, 876	57, 958	57, 686
Obligations of States and political subdivisions.....	7, 959	9, 016	10, 006	10, 620	12, 387	12, 501	12, 716	13, 733
Other securities.....	4, 192	4, 058	3, 866	3, 759	3, 534	3, 863	3, 273	3, 911
Loans, discounts, and overdrafts, net <sup>2</sup> .....	51, 809	57, 371	63, 824	67, 266	70, 341	82, 361	90, 143	93, 801
Miscellaneous assets.....	1, 921	2, 164	2, 279	2, 467	2, 870	2, 984	3, 611	4, 185
<b>Liabilities and capital accounts, total.....</b>	<b>166, 792</b>	<b>177, 449</b>	<b>186, 682</b>	<b>191, 063</b>	<b>200, 588</b>	<b>209, 145</b>	<b>216, 145</b>	<b>221, 534</b>
Deposits, total.....	153, 498	163, 172	171, 357	175, 084	183, 309	190, 989	196, 507	200, 485
Demand deposits of individuals, partnerships, and corporations.....	89, 993	95, 701	98, 898	99, 196	102, 715	108, 326	110, 483	109, 186
Time deposits of individuals, partnerships, and corporations.....	34, 582	36, 057	38, 795	41, 484	44, 276	45, 891	48, 113	53, 325
U. S. Government.....	2, 979	3, 615	5, 263	4, 466	4, 525	4, 086	4, 070	4, 181
Other deposits.....	25, 943	27, 799	28, 401	29, 948	31, 793	32, 706	33, 841	33, 793
Miscellaneous liabilities.....	2, 013	2, 354	2, 740	2, 715	3, 001	3, 147	3, 618	3, 963
Capital, surplus, undivided profits, etc.....	11, 281	11, 923	12, 685	13, 264	14, 278	15, 009	16, 020	17, 086

<sup>1</sup> Dec. 30.   <sup>2</sup> Net of valuation reserves.Source: Federal Deposit Insurance Corporation; *Annual Report*.

## No. 546.—INSURED BANKS—NUMBER OF BANKS AND ACCOUNTS, AND DEPOSITS, BY SIZE OF DEPOSITS: 1955

[As of September 21. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, and Canal Zone]

BANKS WITH DEPOSITS OF—	BANKS		ACCOUNTS (1,000)			DEPOSITS (\$1,000,000)				
	Total, all insured banks	Commercial	Total, all insured banks	In commercial banks <sup>1</sup>		Total, all insured banks	Commercial banks, in accounts of—			
				Demand	Savings and time		\$10,000 or less	\$10,000 to \$25,000	\$25,000 to \$100,000	More than \$100,000
<b>Total.....</b>	<b>13, 498</b>	<b>13, 278</b>	<b>129, 713</b>	<b>52, 129</b>	<b>52, 800</b>	<b>202, 787</b>	<b>71, 295</b>	<b>19, 551</b>	<b>23, 912</b>	<b>67, 091</b>
Less than \$250,000.....	25	25	9	8	1	5	4	( <sup>2</sup> )	( <sup>2</sup> )	-----
\$250,000 to \$500,000.....	314	314	196	167	21	125	100	15	9	( <sup>2</sup> )
\$500,000 to \$1,000,000.....	1, 490	1, 489	1, 469	1, 114	296	1, 149	880	150	103	15
\$1,000,000 to \$2,000,000.....	2, 944	2, 941	4, 859	3, 328	1, 319	4, 323	3, 089	616	458	155
\$2,000,000 to \$5,000,000.....	4, 342	4, 330	14, 584	8, 851	5, 113	13, 995	9, 241	2, 031	1, 710	972
\$5,000,000 to \$10,000,000.....	2, 099	2, 065	14, 505	7, 442	6, 161	14, 765	8, 724	2, 045	1, 946	1, 801
\$10,000,000 to \$25,000,000.....	1, 338	1, 295	18, 448	7, 922	9, 035	20, 396	10, 722	2, 618	2, 689	3, 632
\$25,000,000 to \$50,000,000.....	444	405	11, 526	4, 357	5, 464	15, 259	6, 545	1, 707	2, 083	3, 512
\$50,000,000 to \$100,000,000.....	222	191	10, 237	3, 361	4, 533	15, 585	5, 261	1, 517	2, 089	4, 533
\$100,000,000 to \$250,000,000.....	163	130	14, 661	4, 353	5, 484	25, 661	6, 716	2, 015	2, 988	8, 813
\$250,000,000 to \$500,000,000.....	70	52	11, 995	3, 152	3, 940	24, 704	4, 954	1, 599	2, 641	9, 108
\$500,000,000 to \$1,000,000,000.....	29	24	8, 142	2, 376	3, 018	19, 798	4, 533	1, 624	2, 126	7, 902
\$1,000,000,000 to \$2,500,000,000.....	12	11	5, 910	1, 969	2, 786	20, 158	3, 893	1, 347	2, 108	11, 619
\$2,500,000,000 or more.....	6	6	13, 172	3, 729	5, 629	26, 875	6, 688	2, 205	2, 962	15, 023

<sup>1</sup> Individual, partnership, and corporation accounts.<sup>2</sup> Less than \$500,000.Source: Federal Deposit Insurance Corporation; *Annual Report*.

# No. 547.—CHANGES IN NUMBER AND CLASSIFICATION OF OPERATING BANKING OFFICES, BY INSURANCE STATUS: 1945 TO 1957

[As of December 31. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, and Canal Zone]

TYPE OF CHANGE	1945	1950	1952	1953	1954	1955	1956	1957
<b>Banking offices, total</b> .....	18,884	19,851	20,450	20,779	21,160	21,675	22,314	22,906
Number of banks.....	14,717	14,693	14,617	14,552	14,409	14,284	14,208	14,130
Number of branches.....	4,167	5,158	5,833	6,227	6,751	7,391	8,106	8,776
Net change during year.....	+42	+251	+295	+329	+381	+515	+639	+592
Offices opened.....	292	381	433	488	634	806	877	791
Banks.....	119	69	71	65	73	116	123	88
Branches.....	173	312	362	423	561	690	754	703
Offices closed.....	250	130	138	159	253	291	238	199
Banks.....	104	106	115	130	216	241	199	166
Branches.....	146	24	23	29	37	50	39	33
<b>INSURED</b>								
<b>Banking offices, total</b> .....	17,491	18,624	19,308	19,698	20,108	20,656	21,340	21,968
Number of banks.....	13,494	13,640	13,645	13,651	13,541	13,457	13,441	13,404
Number of branches.....	3,997	4,984	5,663	6,047	6,567	7,199	7,899	8,564
Net change during year.....	+57	+325	+329	+390	+410	+548	+684	+629
Offices opened.....	272	359	411	466	616	780	836	753
Banks.....	103	59	62	59	66	103	108	73
Branches.....	169	300	349	407	550	677	728	680
Offices closed.....	233	118	122	140	243	277	230	182
Banks.....	87	95	102	112	206	230	191	151
Branches.....	146	23	20	28	37	47	39	31
Changes in classification 1.....	+18	+84	+40	+64	+37	+45	+78	+58
<b>NONINSURED</b>								
<b>Banking offices, total</b> .....	1,393	1,227	1,142	1,081	1,052	1,019	974	938
Number of banks.....	1,223	1,053	972	901	868	827	767	726
Number of branches.....	170	174	170	180	184	192	207	212
Net change during year.....	-15	-74	-34	-61	-29	-33	-45	-37
Offices opened.....	20	22	22	22	18	26	41	38
Banks.....	16	10	9	6	7	13	15	15
Branches.....	4	12	13	16	11	13	26	23
Offices closed.....	17	12	16	19	10	14	8	17
Banks.....	17	11	13	18	10	11	8	15
Branches.....	1	1	3	1	3	3	1	2
Changes in classification 1.....	-18	-84	-40	-64	-37	-45	-78	-58

<sup>1</sup> Net change in number of insured and noninsured banking offices, respectively, resulting from admissions of noninsured banks to insurance and from absorptions or successions of noninsured banks by insured banks and of insured banks by noninsured banks.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

# No. 548.—DEPOSIT INSURANCE—NUMBER OF OPERATING BANKS AND BRANCHES, BY INSURANCE STATUS AND CLASS OF BANK: 1957

[As of December 31. "Other areas" comprises Alaska, Hawaii, Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, and Canal Zone]

TYPE OF BANK OR OFFICE	All banks	COMMERCIAL AND STOCK SAVINGS BANKS AND NONDEPOSIT TRUST COMPANIES						MUTUAL SAVINGS BANKS	
		Total	Insured			Noninsured		In-sured	Non-insured
			Members F. R. system		Not members F. R. system	Banks of deposit	Non-deposit trust companies		
			National	State					
<b>Total</b> .....	22,906	21,433	8,798	3,969	8,666	480	65	535	393
All banks.....	14,130	13,165	4,620	1,769	6,776	386	56	239	284
Unit banks.....	11,963	11,196	3,875	1,424	5,897	365	52	133	217
Banks operating branches.....	2,167	1,969	745	345	879	21	4	106	67
Branches.....	8,776	8,268	4,178	2,200	1,890	94	9	296	109
<b>Continental United States</b> .....	22,698	21,308	8,795	3,969	8,544	404	59	535	392
All banks.....	14,088	13,140	4,618	1,769	6,753	375	51	239	283
Unit banks.....	11,942	11,187	3,874	1,424	5,889	358	48	133	216
Banks operating branches.....	2,146	1,953	744	345	864	17	3	106	67
Branches.....	8,160	8,168	4,177	2,200	1,791	29	8	296	109
<b>Other areas</b> .....	208	125	3	-----	122	76	6	-----	1
All banks.....	42	25	2	-----	23	11	5	-----	1
Unit banks.....	21	9	1	-----	8	7	4	-----	1
Banks operating branches.....	21	16	1	-----	15	4	1	-----	-----
Branches.....	166	100	1	-----	99	65	1	-----	-----

Source: Federal Deposit Insurance Corporation; *Annual Report*.

**No. 549.—DEPOSIT INSURANCE—NUMBER AND DEPOSITS OF ALL OPERATING BANKS BY INSURANCE STATUS OF BANK, BY STATES: 1957**

[Deposits in millions of dollars. As of December 31. Includes commercial and stock savings banks, nondeposits trust companies and mutual savings banks. "Other areas" comprises Alaska, Hawaii, Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, and Canal Zone]

STATE	NUMBER		DEPOSITS		STATE	NUMBER		DEPOSITS	
	Total	In-sured	Total	In-sured		Total	In-sured	Total	In-sured
<b>Total.....</b>	<b>14, 130</b>	<b>13, 404</b>	<b>234, 178</b>	<b>225, 507</b>	Nebraska.....	421	382	1, 455	1, 426
Alabama.....	239	239	1, 776	1, 776	Nevada.....	6	6	331	331
Arizona.....	7	6	907	902	New Hampshire.....	108	75	812	581
Arkansas.....	237	232	1, 065	1, 062	New Jersey.....	294	291	7, 471	7, 471
California.....	128	122	20, 778	20, 778	New Mexico.....	52	52	596	596
Colorado.....	175	157	1, 702	1, 694	New York.....	588	577	58, 018	57, 525
Connecticut.....	158	82	4, 357	2, 343	North Carolina.....	210	209	2, 457	2, 434
Delaware.....	29	27	767	656	North Dakota.....	154	150	701	579
Dist. of Columbia.....	16	16	1, 403	1, 403	Ohio.....	614	613	10, 588	10, 586
Florida.....	270	265	4, 077	4, 066	Oklahoma.....	387	379	2, 369	2, 365
Georgia.....	412	353	2, 507	2, 492	Oregon.....	55	54	1, 811	1, 801
Idaho.....	28	28	572	572	Pennsylvania.....	778	765	14, 795	14, 751
Illinois.....	939	933	15, 965	15, 931	Rhode Island.....	18	15	1, 237	1, 181
Indiana.....	468	461	4, 347	4, 341	South Carolina.....	144	137	878	874
Iowa.....	670	624	2, 856	2, 772	South Dakota.....	172	172	629	629
Kansas.....	595	552	2, 078	2, 046	Tennessee.....	298	291	2, 796	2, 789
Kentucky.....	364	351	2, 148	2, 136	Texas.....	959	931	10, 401	10, 326
Louisiana.....	132	131	2, 776	2, 775	Utah.....	49	44	842	840
Maine.....	89	72	941	812	Vermont.....	66	65	458	458
Maryland.....	155	153	2, 720	2, 619	Virginia.....	313	312	2, 916	2, 913
Massachusetts.....	357	172	9, 943	5, 590	Washington.....	92	90	2, 819	2, 791
Michigan.....	398	393	7, 916	7, 901	West Virginia.....	183	179	1, 191	1, 177
Minnesota.....	684	674	4, 024	4, 013	Wisconsin.....	555	549	4, 012	4, 008
Mississippi.....	195	192	1, 081	1, 072	Wyoming.....	53	53	364	364
Missouri.....	608	589	5, 593	5, 573	Other areas.....	42	25	1, 177	628
Montana.....	115	114	757	757					

Source: Federal Deposit Insurance Corporation; *Annual Report*.

**No. 550.—BANK SUSPENSIONS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS: 1921 TO 1957**

[Banks closed either permanently or temporarily, on account of financial difficulties, by order of supervisory authorities or by directors of bank. "Member" refers to membership in Federal Reserve System. All national banks in continental U. S. are Federal Reserve System members; all Federal Reserve System members are insured. See also *Historical Statistics, 1789-1945*, series N 135-147]

YEAR OR PERIOD	NUMBER OF BANKS				DEPOSITS (\$1,000)			
	Total	National	State member	State and private nonmember	Total	National	State member	State and private nonmember
				Nonin-sured    In-sured <sup>1</sup>				Nonin-sured    In-sured <sup>1</sup>
1921-1929.....	5, 714	766	229	4, 719	1, 625, 468	363, 324	128, 677	1, 133, 467
1930.....	1, 352	161	27	1, 164	853, 303	170, 446	202, 399	480, 518
1931.....	2, 294	409	107	1, 778	1, 690, 669	439, 171	293, 957	957, 541
1932.....	1, 456	276	55	1, 125	715, 626	214, 160	55, 153	446, 323
1933.....	4, 004	1, 101	174	2, 729	3, 598, 975	1, 610, 549	783, 399	1, 205, 027
1930-1933.....	9, 106	1, 947	363	6, 796	6, 858, 633	2, 434, 316	1, 334, 908	3, 089, 409
1934-1940.....	313	16	6	84	131, 994	14, 872	26, 548	40, 825
1941-1946.....	22	6	—	4	12, 056	8, 126	—	49, 689
1947-1950.....	6	—	—	6	2, 652	—	—	3, 524
1951-1955.....	17	2	1	7	58, 317	4, 606	19, 478	2, 652
1951.....	3	—	—	3	3, 113	—	—	5, 198
1952.....	3	—	—	1	1, 414	—	—	29, 035
1953.....	4	—	1	1	44, 412	—	19, 478	3, 113
1954.....	3	—	—	2	2, 880	—	—	135
1955.....	4	2	—	2	6, 498	4, 606	—	(?)
1956.....	3	1	—	1	11, 881	6, 578	—	1, 950
1957.....	3	1	1	1	12, 869	10, 451	1, 163	930

<sup>1</sup> Deposit insurance by Federal Deposit Insurance Corporation; became operative Jan. 1, 1934.

<sup>2</sup> Not available.

Source: Board of Governors of the Federal Reserve System.

No. 551.—FEDERAL DEPOSIT INSURANCE CORPORATION—INSURED BANKS REQUIRING DISBURSEMENTS BY THE CORPORATION TO PROTECT DEPOSITORS, BY NUMBER OF BANKS AND DEPOSITORS, AND AMOUNT OF DEPOSITS AND DISBURSEMENTS: 1934 to 1957

CLASSIFICATION AND YEAR	NUMBER OF BANKS			Number of depos- itors <sup>1</sup>	DEPOSITS <sup>1</sup> (\$1,000)			DISBURSEMENTS BY FDIC <sup>2</sup> (\$1,000)		
	Total	De- posit pay- off cases	De- posit as- ump- tion cases		Total	Payoff cases	As- ump- tion cases	Total	De- posit payoff cases	De- posit as- ump- tion cases
All banks, cumulative total, 1934 to 1957.....	432	251	181	1,428,082	584,359	121,959	462,400	341,403	96,561	244,842
By class of bank:										
National banks.....	76	23	53	305,655	123,738	24,083	99,655	62,686	17,946	44,740
State banks, members Federal Reserve System.....	23	7	16	370,759	188,820	27,701	161,119	121,642	22,101	99,541
Banks not members Federal Reserve System.....	333	221	112	751,668	271,801	70,175	201,626	157,075	56,514	100,561
Banks with deposits of—										
\$100,000 or less.....	107	83	24	38,348	6,420	4,947	1,473	5,242	4,397	845
\$100,000 to \$250,000.....	109	86	23	83,370	17,759	13,920	3,839	13,266	11,764	1,502
\$250,000 to \$500,000.....	59	36	23	89,949	20,976	12,462	8,514	15,318	10,370	4,948
\$500,000 to \$1,000,000.....	62	27	35	152,860	47,165	20,379	26,786	33,363	16,447	16,916
\$1,000,000 to \$2,000,000.....	43	10	33	195,866	61,718	12,912	48,806	35,582	10,099	25,483
\$2,000,000 to \$5,000,000.....	31	7	24	235,005	96,749	24,695	72,054	57,607	17,724	39,883
\$5,000,000 to \$10,000,000.....	12	—	12	190,237	77,442	—	77,442	31,476	—	31,476
\$10,000,000 to \$25,000,000.....	5	2	3	170,119	96,712	32,644	64,068	51,176	25,760	25,418
\$25,000,000 to \$50,000,000.....	4	—	4	272,328	159,418	—	159,418	98,373	—	98,373
Year: <sup>3</sup>										
1934.....	9	9	—	15,767	1,968	1,968	—	984	984	—
1935.....	25	24	1	44,655	13,320	9,091	4,229	9,271	6,134	3,137
1936.....	69	42	27	89,018	27,508	11,241	16,267	15,732	8,123	7,609
1937.....	75	50	25	130,387	33,349	14,960	18,389	20,146	12,148	7,998
1938.....	74	50	24	203,961	59,684	10,296	49,388	35,474	9,185	26,289
1939.....	60	32	28	392,718	157,772	32,738	125,034	85,534	26,358	59,176
1940.....	43	19	24	256,361	142,430	5,657	136,773	91,456	4,984	86,472
1941.....	15	8	7	73,005	29,717	14,730	14,987	25,407	12,328	13,079
1942.....	20	6	14	60,688	19,186	1,816	17,370	11,939	1,650	10,289
1943.....	5	4	1	27,371	12,525	6,637	5,888	7,297	5,553	1,744
1944.....	2	1	1	5,487	1,915	456	1,459	1,549	413	1,136
1945.....	1	—	1	12,483	5,695	—	5,695	1,864	—	1,864
1946.....	1	—	1	1,383	347	—	347	276	—	276
1947.....	5	—	5	10,637	7,040	—	7,040	2,029	—	2,029
1948.....	3	—	3	18,540	10,674	—	10,674	3,190	—	3,190
1949.....	4	—	4	5,671	5,475	—	5,475	2,718	—	2,718
1950.....	4	—	4	6,365	5,502	—	5,502	4,496	—	4,496
1951.....	2	—	2	5,276	3,408	—	3,408	2,012	—	2,012
1952.....	3	—	3	6,752	3,170	—	3,170	1,558	—	1,558
1953.....	2	—	2	24,469	18,262	—	18,262	5,385	—	5,385
1954.....	2	—	2	1,807	997	—	997	1,034	—	1,034
1955.....	5	4	1	17,805	11,968	6,503	5,465	7,319	4,546	2,773
1956.....	2	1	1	15,141	11,284	4,703	6,581	3,605	3,077	528
1957.....	1	1	—	2,335	1,163	1,163	—	1,078	1,078	—

<sup>1</sup> Adjusted to December 31, 1957.

<sup>2</sup> Includes principal disbursements in all cases; in deposit payoff cases also includes field payoff expenses and other insurance expenses; in deposit assumption cases includes advances for asset protection, liquidation expenses, and other insurance expense; excludes \$53,000 of expenses which could not be allocated to individual cases.

<sup>3</sup> Disbursement totals for each year relate to cases occurring during that year and may thus contain some amounts disbursed in subsequent years for such cases.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

# No. 552.—FEDERAL BUSINESS-TYPE ACTIVITIES—PRINCIPAL ASSETS AND LIABILITIES: 1952 TO 1957

[In millions of dollars. As of June 30. Changes in coverage over the period shown have resulted in only minor changes in total loans outstanding but in substantial additions to inventories and to land, structures, and equipment]

YEAR AND TYPE OF FUND OR ACTIVITY	ASSETS, OTHER THAN INTERAGENCY ITEMS <sup>1</sup>					Liabilities, other than inter-agency items <sup>2</sup>	U. S. Gov- ernment inter- est	
	Total	Loans receiv- able	Investments		Land, struc- tures, and equip- ment			
			Public debt securi- ties	Other securi- ties				
1952.....	27,933	15,913	2,364	3,438	3,186	3,033	2,829	25,104
1953.....	36,153	17,637	2,588	3,430	7,867	4,631	3,577	32,576
1954.....	39,602	18,489	2,911	3,439	8,077	6,686	5,572	34,030
1955.....	40,639	18,927	3,108	3,430	7,821	7,353	5,468	35,171
1956.....	78,677	19,871	3,719	43,695	17,463	33,929	7,218	71,457
TYPE OF FUND AND ACTIVITY								
1957.....	92,628	21,118	3,881	43,811	21,810	42,009	9,611	83,017
Public enterprise funds.....	18,762	8,150	790	149	3,326	6,347	2,121	16,641
Farm Credit Administration:								
Federal Farm Mortgage Corporation.....	11					11	( <sup>3</sup> )	10
Agric. Marketing Act revolving fund.....	186			147		39		186
Department of Agriculture:								
Commodity Credit Corporation.....	5,399	1,532			165	3,702	917	4,482
Disaster loans, etc., revolving fund.....	129	92				36	1	128
All other.....	41	11				30	6	35
Housing and Home Finance Agency:								
Public Housing Administration.....	153	93			20	40	33	120
Federal Housing Administration.....	785		482	1	1	301	195	590
Federal National Mortgage Association.....	2,896	2,381			( <sup>3</sup> )	15	609	1,787
Office of the Administrator.....	689	451			93	146	6	683
Federal Savings and Loan Insurance Corp.	285		274			11	14	271
Small Business Administration.....	215	149			( <sup>3</sup> )	66	( <sup>3</sup> )	214
Export-Import Bank.....	2,737	2,667		1	( <sup>3</sup> )	69	28	2,709
Tennessee Valley Authority.....	2,026				1,803	223	32	1,993
Panama Canal Company.....	480				401	59	14	446
Veterans Administration.....	824	522	34		2	266	11	813
General Services Administration.....	913				103	811	14	899
Treasury Department.....	295	232		( <sup>3</sup> )	7	56	1	295
Post Office Department—postal fund.....	862				599	263	213	649
Department of Interior.....	219	9			131	80	7	211
All other.....	139	14			( <sup>3</sup> )	126	20	120
Intragovernmental funds.....	13,142			( <sup>3</sup> )	218	12,924	723	12,419
Department of Defense.....	12,836				106	12,730	662	12,174
All other.....	306			( <sup>3</sup> )	112	195	61	246
Other activities.....	53,536	9,287	7	3,649	18,266	22,328	1,895	51,641
General Services Administration.....	8,236	82		( <sup>3</sup> )	1,220	6,933	29	8,207
Department of Agriculture:								
Farmers Home Administration.....	719	627			( <sup>3</sup> )	93	7	712
Rural Electrification Administration.....	2,711	2,579				132	1	2,709
Other.....	1,418				879	539	21	1,397
Atomic Energy Commission.....	8,622				5,130	3,492	206	8,417
Federal Civil Defense Administration.....	233				2	231	( <sup>3</sup> )	233
Veterans Administration.....	1,902	107			1,340	455	137	1,765
Civil Aeronautics Administration.....	609				196	413	1	608
Dept. of Health, Educ., and Welfare.....	1,055			1	260	795	157	898
Department of Interior.....	3,752	4			2,891	857	377	3,375
International Cooperation Admin.....	4,028	2,111			17	1,899	3	4,025
Treasury Department.....	13,375	3,506		3,563	765	6,540	774	12,601
Dept. of Commerce—maritime activities.....	5,057	271	( <sup>3</sup> )		4,473	313	132	4,925
All other.....	1,820	1	7	85	1,093	635	51	1,769
Deposit funds.....	4,552	1,461	2,976	13	( <sup>3</sup> )	102	2,527	2,024
Banks for cooperatives.....	455	381	44		( <sup>3</sup> )	30	227	229
Federal Deposit Insurance Corporation.....	1,930	( <sup>3</sup> )	1,914			15	134	1,796
Federal home loan banks.....	2,166	1,079	1,017	13		57	2,166	
Trust revolving funds.....	2,637	2,221	108		( <sup>3</sup> )	308	2,345	292
Federal National Mortgage Association.....	1,255	1,197				58	1,105	150
Federal intermediate credit banks.....	1,126	997	100			29	983	143
Office of Alien Property.....	204					204	204	
All other.....	53	27	9		( <sup>3</sup> )	18	53	

<sup>1</sup> Assets are shown on a net basis, i. e., after reserve for losses. Figures for trust revolving funds include inter-agency items. <sup>2</sup> Comprises cash, inventories, and all other assets.

<sup>3</sup> Comprises bonds, notes, and debentures payable, privately owned interest (some agencies classified as deposit funds or trust revolving funds have such interest), and other liabilities. Figures for trust revolving funds include interagency items.

<sup>4</sup> Includes investment of the Agricultural Marketing Act revolving fund in the banks for cooperatives; Treasury compilations prior to 1956 classified this item as an interagency asset. <sup>5</sup> Less than \$500,000.

<sup>6</sup> Includes \$1,000 million due under the agreement with Germany signed Feb. 27, 1953, and lend-lease and surplus property balances due the United States in the principal amount of \$2,048 million.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 553.—FARM CREDIT—LOANS AND DISCOUNTS NOT SECURED BY FARM MORTGAGES, BY TYPE OF LENDER: 1930 TO 1957

[In thousands of dollars. See also *Historical Statistics, 1789-1945*, series E 258, E 261-266]

ITEM	1930	1935	1940	1945	1950	1955	1957
Commercial banks:							
Agricultural loans outstanding, Jan. 1 <sup>1</sup>	2,490,742	840,887	1,134,573	1,377,405	3,052,339	4,659,703	4,101,921
Federal intermediate credit banks: <sup>2</sup>							
Loans to and discounts for—							
Private financing institutions:							
Made during year <sup>3</sup>	103,006	116,137	87,314	73,039	169,455	153,820	169,198
Outstanding, Jan. 1	47,283	55,083	32,316	29,966	50,825	58,276	60,007
Cooperative associations:							
Made during year <sup>3</sup>	109,927	44,011	4,593	4,032	9,044	11,096	-----
Outstanding, Jan. 1	26,073	33,969	1,835	700	2,400	2,200	-----
Banks for cooperatives:							
Made during year <sup>3</sup>	-----	9,502	31,051	93,481	108,418	51,904	11,200
Outstanding, Jan. 1	-----	-----	17,560	65,002	44,681	27,200	13,950
Banks for cooperatives: <sup>4</sup>							
Loans made during year	-----	66,296	100,455	329,980	399,279	517,458	529,501
Loans outstanding, Jan. 1	-----	27,831	75,843	212,473	300,855	359,536	450,994
Production credit associations:							
Loans made during year <sup>5</sup>	-----	194,959	347,145	509,579	1,065,745	1,373,081	1,718,436
Loans outstanding, Jan. 1 <sup>6</sup>	-----	60,459	153,425	188,306	387,454	576,997	699,283
Farmers Home Administration: <sup>6</sup>							
Loans made during year	5,340	187,037	119,193	97,665	126,443	204,799	238,117
Loans outstanding, Jan. 1	7,976	203,925	424,721	477,744	355,245	426,907	439,506
Rural Electrification Administration: <sup>6,8</sup>							
Loans made during year <sup>9</sup>	-----	10	69,237	57,008	271,556	195,871	276,758
Loans outstanding, Jan. 1 <sup>10</sup>	-----	-----	183,243	360,424	1,299,686	2,207,212	2,460,374
Commodity Credit Corporation, Loans outstanding, Jan. 1: <sup>11</sup>							
To farmers	-----	37,162	208,193	146,670	719,677	488,722	752,533
To cooperatives	-----	-----	26,845	1,552	221,976	143,783	805,086

<sup>1</sup> All operating banks. Includes loans guaranteed by Commodity Credit Corporation and certificates of interest in pool of CCC loans excepting certificates based on pooled loans to cooperatives.

<sup>2</sup> Excludes loans to production credit associations.

<sup>3</sup> Includes renewals.

<sup>4</sup> Includes loans guaranteed by Commodity Credit Corporation and all loans made by banks for cooperatives whether or not discounted with FICB.

<sup>5</sup> Excludes loans guaranteed by Commodity Credit Corporation. Beginning 1947, excludes loans of associations in liquidation.

<sup>6</sup> Includes loans to cooperatives.

<sup>7</sup> June 30.

<sup>8</sup> Electrification loans and, beginning 1950, includes telephone loans.

<sup>9</sup> Net advances after deducting unused loan funds.

<sup>10</sup> Cumulative net advances minus principal repayments.

<sup>11</sup> Excludes loans guaranteed by Commodity Credit Corporation that are held by banks and other lending institutions. Includes loans to farmers for storage facilities and equipment.

Source: Department of Agriculture, Agricultural Research Service.



# NO. 554.—FARM CREDIT—FARM MORTGAGE LOANS HELD BY PRINCIPAL LENDER GROUPS, LOANS CLOSED, AND INTEREST PAYABLE: 1930 TO 1957

[In thousands of dollars, except where noted. See also *Historical Statistics, 1789-1945*, series E 244-255]

ITEM	1930	1935	1940	1945	1950	1955	1956	1957
<b>Total debt outstanding, Jan. 1.</b>	9,630,768	7,584,459	6,586,399	4,940,915	5,579,278	8,288,837	9,066,153	9,907,623
Federal land banks and Federal Farm Mortgage Corporation <sup>1 2</sup>	1,201,732	2,564,179	2,723,110	1,556,983	964,727	1,279,787	1,480,204	1,722,381
Life insurance companies <sup>2</sup>	2,118,439	1,301,562	984,290	938,276	1,172,326	2,051,784	2,271,784	2,476,543
Commercial and savings banks <sup>2</sup>	997,408	498,842	534,170	449,582	937,144	1,210,070	1,346,287	1,386,270
Farmers Home Administration <sup>2</sup>	—	—	32,178	193,519	193,301	287,171	277,869	289,546
Joint-stock land banks <sup>2 3</sup>	637,799	277,020	91,726	5,455	270	—	—	—
Individuals and others	4,075,340	2,942,866	2,220,925	1,795,101	2,311,510	3,459,419	3,690,009	4,032,883
<b>LOANS CLOSED BY—</b>								
Federal land banks and Federal Farm Mortgage Corporation	47,146	443,479	100,317	120,581	203,154	482,704	520,860	( <sup>6</sup> )
Joint-stock land banks	5,236	275	123	14	—	—	—	—
<b>INTEREST PAYABLE</b>								
Interest rates on mortgage loans recorded (percent)	6.4	5.4	( <sup>6</sup> )	7 4.7	( <sup>6</sup> )	8 4.9	( <sup>6</sup> )	8 5.2
Interest rates on mortgage loans outstanding, Jan. 1 (percent) <sup>2</sup>	6.0	5.5	4.6	4.5	4.5	4.7	4.7	4.7
Interest charges <sup>10</sup>	569,756	396,092	293,147	221,243	263,906	404,582	445,705	( <sup>6</sup> )
Index of interest charges per acre (1910-14=100)	206	135	102	75	89	136	150	( <sup>6</sup> )

<sup>1</sup> On June 30, 1955, loans of the Federal Farm Mortgage Corporation were sold to the 12 Federal Land Banks.

<sup>2</sup> Includes purchase-money mortgages and sales contracts in addition to regular mortgages.

<sup>3</sup> Before 1935, open State and national banks; 1935 to 1947, insured commercial banks; and 1948 to date, all operating commercial and savings banks.

<sup>4</sup> Succeeded Farm Security Administration on Nov. 1, 1946.

<sup>5</sup> Liquidation of joint-stock land banks began May 12, 1933, and was completed April 26, 1951. Data include banks in receivership.

<sup>6</sup> Not available.

<sup>7</sup> Average of mortgages recorded in March only.

<sup>8</sup> Average of mortgages recorded first quarter.

<sup>9</sup> Average contract rates, except for temporarily reduced rates on outstanding loans of Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945.

<sup>10</sup> Payable during calendar year on outstanding loans. Excludes amounts paid by Secretary of Treasury to Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945, as reimbursement for interest reductions granted borrowers.

Source: Department of Agriculture, Agricultural Research Service; *Agricultural Finance Review*, and releases.

# NO. 555.—FEDERAL LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1930 TO 1957

[In thousands of dollars. As of December 31]

YEAR	ASSETS				LIABILITIES				
	Total assets	Mortgage loans <sup>1</sup>	U. S. Govt. obligations, direct and fully guaranteed	Cash on hand and in banks	Unmatured farm loan bonds outstanding <sup>2</sup>	Capital stock		Paid-in surplus, U. S. Govt.	Reserve and undivided profits <sup>4</sup>
						U. S. Govt.	National farm loan associations <sup>3</sup>		
1930	1,298,349	1,187,439	15,920	15,860	1,184,460	268	65,866	—	17,523
1935	2,391,897	2,070,612	41,019	26,524	1,927,895	123,098	112,893	94,291	27,871
1940	2,219,819	1,842,619	82,509	34,854	1,719,187	67,402	110,538	145,226	105,332
1945	1,231,881	1,025,950	144,725	33,935	630,975	117,790	68,106	50,252	162,061
1950	1,042,079	944,718	87,813	19,851	714,837	—	60,197	—	216,503
1951	1,108,184	995,957	83,194	18,255	784,149	—	62,902	—	226,342
1952	1,180,913	1,076,691	82,105	15,083	815,323	—	67,204	—	247,578
1953	1,304,911	1,177,693	86,029	18,237	935,717	—	72,628	—	255,105
1954	1,416,095	1,278,403	101,028	18,379	1,029,761	—	78,135	—	259,824
1955	1,640,246	1,494,437	106,517	18,975	1,190,730	—	88,896	—	263,255
1956	1,894,539	1,738,247	109,155	19,651	1,435,876	—	102,016	—	266,083
1957	2,069,355	1,915,531	109,126	15,704	1,598,458	—	112,608	—	269,788

<sup>1</sup> Less payments on principal and principal of delinquent and extended installments before 1940. Excludes special reserves set up against particular assets. Includes earned surplus.

<sup>2</sup> Excludes bonds owned by banks.

<sup>3</sup> For 1951 and prior years, includes capital stock owned by individual borrowers.

<sup>4</sup> Excludes special reserves set up against particular assets. Includes earned surplus.

<sup>5</sup> Includes purchase money mortgages, contracts, etc.

Source: Farm Credit Administration; records.

# No. 556.—FARM CREDIT SYSTEM—LOANS AND DISCOUNTS MADE AND OUTSTANDING: 1935 to 1957

[In thousands of dollars. Data for lending institutions supervised by the Farm Credit Administration]

YEAR	FARM MORTGAGE LOANS BY—		LOANS TO COOPERATIVES BY—			FEDERAL INTER- MEDIATE CREDIT BANKS, LOANS TO AND DISCOUNTS FOR 1—		Produc- tion credit asso- cia- tions <sup>1</sup>
	Federal land banks	Land Bank Com- mis- sioner	Federal inter- mediate credit banks (di- rect) <sup>1</sup>	Banks for co- opera- tives, includ- ing cen- tral bank <sup>2</sup>	Agricul- tural Market- ing Act revolv- ing fund <sup>3</sup>	Prod. credit asso- cia- tions, banks for co-ops. <sup>3</sup>	Other financ- ing in- stitu- tions	
<b>Made during year—</b>								
1935.....	248,671	196,395	44,509	66,348	7,402	220,204	149,443	196,306
1940.....	64,275	36,664	4,593	101,231	3,094	419,072	88,593	349,383
1945.....	92,986	29,462	4,032	333,702	660	759,937	74,491	516,116
1946.....	130,162	15,035	11,579	399,769	975	922,816	88,092	614,613
1947.....	138,764	10,606	14,128	530,248	1,400	1,126,163	112,532	757,611
1948.....	150,514	17	13,639	494,678	1,000	1,366,734	165,710	924,314
1949.....	182,357	19	9,900	382,617	700	1,416,948	162,593	955,930
1950.....	205,933	25	9,044	402,176	700	1,443,267	174,661	1,075,710
1951.....	214,220	58	15,176	568,961	700	1,845,205	224,304	1,320,397
1952.....	254,551	41	8,000	528,118	375	1,789,137	223,109	1,341,709
1953.....	289,772	40	4,000	497,016	-----	1,592,318	181,541	1,226,469
1954.....	306,276	31	4,200	482,722	-----	1,667,871	155,898	1,273,234
1955.....	487,489	6	11,096	527,636	-----	1,792,368	161,015	1,386,341
1956.....	522,357	-----	12,167	608,646	-----	1,966,028	154,879	1,488,179
1957.....	398,993	-----	-----	541,332	-----	2,218,423	175,220	1,731,030
<b>Outstanding Dec. 31—</b>								
1935.....	2,071,925	794,726	2,781	50,013	44,433	104,706	47,162	93,910
1940.....	1,851,218	648,296	1,490	74,741	16,461	186,933	34,102	171,866
1945.....	1,027,587	228,397	2,042	157,545	2,693	241,879	27,870	198,896
1946.....	944,421	140,127	4,151	181,550	2,232	276,461	34,244	233,907
1947.....	869,425	103,195	4,000	274,777	2,603	334,087	42,909	283,608
1948.....	856,573	75,237	4,709	304,684	1,315	425,468	61,465	371,825
1949.....	899,475	56,726	2,400	301,887	1,365	423,038	57,941	392,280
1950.....	946,469	42,616	3,233	344,978	1,309	485,322	66,787	455,472
1951.....	997,573	31,882	4,000	423,952	1,451	611,472	83,441	567,619
1952.....	1,078,493	23,374	2,000	418,504	905	627,106	91,225	606,116
1953.....	1,179,889	17,265	500	372,110	-----	545,181	69,173	550,416
1954.....	1,280,944	12,550	2,200	361,615	-----	602,092	60,594	587,225
1955.....	1,497,165	( <sup>4</sup> )	3,000	370,683	-----	621,828	67,785	653,478
1956.....	1,744,052	-----	-----	457,108	-----	683,519	63,381	706,586
1957.....	1,919,281	-----	-----	454,452	-----	861,158	70,688	894,877

<sup>1</sup> Includes renewals.

<sup>2</sup> Excludes advances in connection with Commodity Credit Corporation programs.

<sup>3</sup> Interagency transactions which should be disregarded in obtaining combined totals.

<sup>4</sup> Beginning 1948, represents refinancing of existing commissioner loans; lending authority of Land Bank Commissioner expired July 1, 1947.

<sup>5</sup> On June 30, 1955, Land Bank Commissioner loans outstanding, totaling \$10,635,214, were sold to the 12 Federal land banks pursuant to Public Law 55, 84th Congress.

<sup>6</sup> Includes purchase money mortgages, contracts, etc.

Source: Farm Credit Administration; records.

# No. 557.—FARM CREDIT SYSTEM—LOANS AND DISCOUNTS MADE AND OUTSTANDING, BY DISTRICTS AND STATES: 1957

[In thousands of dollars. Loans made, for year ending December 31; those outstanding, as of December 31.  
Data for lending institutions supervised by the Farm Credit Administration]

DISTRICT AND STATE	LOANS AND DISCOUNTS MADE					LOANS AND DISCOUNTS OUTSTANDING				
	Farm mortgage loans <sup>1</sup>	Loans to co-operatives <sup>2</sup>	Federal intermediate credit banks, loans to and discounts for <sup>3</sup>		Production credit associations <sup>4</sup>	Farm mortgage loans <sup>1</sup>	Loans to co-operatives <sup>2</sup>	Federal intermediate credit banks, loans to and discounts for <sup>3</sup>		Production credit associations
			Prod. credit assns., banks for co-ops. <sup>4</sup>	Other financing institutions				Prod. credit assns., banks for co-ops. <sup>4</sup>	Other financing institutions	
<b>Total</b>	<b>398,993</b>	<b>541,332</b>	<b>2,218,423</b>	<b>175,220</b>	<b>1,731,030</b>	<b>1,919,281</b>	<b>454,452</b>	<b>861,158</b>	<b>70,688</b>	<b>894,877</b>
<b>Dist. No. 1.</b>	<b>15,052</b>	<b>57,160</b>	<b>103,878</b>	<b>3,514</b>	<b>88,832</b>	<b>90,012</b>	<b>37,881</b>	<b>51,183</b>	<b>2,271</b>	<b>55,288</b>
Maine	414	8,020	11,663	3,084	8,701	4,019	2,798	5,984	2,117	6,433
N. H.	314	70	1,670		1,454	2,219	246	838		844
Vt.	1,120	153	11,063		10,425	9,326	297	6,003		6,509
Mass.	1,484	37,436	4,111	152	3,569	8,354	15,097	1,977	30	2,086
R. I.	223		1,133		1,024	1,232		613		665
Conn.	1,855	1,960	5,698		4,682	8,270	484	2,760		3,028
N. Y.	7,934	8,866	60,670	138	52,088	44,295	17,766	29,835	80	32,064
N. J.	1,708	655	7,870	140	6,889	12,297	1,193	3,173	44	3,569
<b>Dist. No. 2.</b>	<b>15,746</b>	<b>38,544</b>	<b>93,945</b>	<b>6,043</b>	<b>78,987</b>	<b>82,440</b>	<b>38,180</b>	<b>49,980</b>	<b>3,518</b>	<b>51,219</b>
Pa.	4,458	12,621	27,772	22	24,999	23,891	12,034	16,914	22	17,063
Del.	539		3,672		3,344	2,191		1,810		2,005
Md.	2,243	1,185	23,050		18,862	9,949	1,022	10,330		10,516
D. C.										
Va.	3,348	12,834	21,697		15,780	17,008	17,824	10,164		10,215
W. Va.	883	73	4,280		3,408	6,037	126	2,412		2,461
P. R.	4,276	11,831	13,474	6,021	12,594	23,364	7,174	8,350	3,496	8,959
<b>Dist. No. 3.</b>	<b>34,211</b>	<b>44,738</b>	<b>218,984</b>	<b>1,822</b>	<b>142,289</b>	<b>111,526</b>	<b>28,127</b>	<b>73,937</b>	<b>948</b>	<b>79,774</b>
N. C.	10,540	2,357	81,604	785	47,247	35,217	3,418	21,505		23,126
S. C.	5,847	911	39,454	34	23,751	21,448	866	10,877		11,894
Ga.	10,740	22,915	58,941	91	37,327	36,478	14,579	18,022	52	19,690
Fla.	7,084	18,555	38,935	912	33,964	18,383	9,264	23,533	896	25,064
<b>Dist. No. 4.</b>	<b>37,927</b>	<b>30,456</b>	<b>241,163</b>	<b>4,386</b>	<b>206,574</b>	<b>162,258</b>	<b>35,768</b>	<b>126,543</b>	<b>2,968</b>	<b>131,344</b>
Ohio	14,838	9,210	71,802	2,764	66,533	56,754	12,822	42,935	2,037	44,726
Ind.	11,946	16,032	88,104	950	77,627	56,082	17,958	42,013	647	43,037
Ky.	5,600	3,115	39,145	25	30,726	24,734	2,789	20,548	16	21,227
Tenn.	5,543	2,699	42,112	647	31,688	24,688	2,199	21,047	268	22,354
<b>Dist. No. 5.</b>	<b>22,546</b>	<b>19,961</b>	<b>160,145</b>	<b>21,254</b>	<b>112,517</b>	<b>107,785</b>	<b>20,258</b>	<b>46,985</b>	<b>6,542</b>	<b>50,363</b>
Ala.	8,008	778	29,947	1,777	21,026	43,179	1,982	9,970	878	10,708
Miss.	5,183	10,772	80,393	16,114	56,480	39,102	13,872	23,445	4,931	24,614
La.	5,754	8,411	49,805	3,363	35,011	25,504	4,404	13,570	733	15,041
<b>Dist. No. 6.</b>	<b>23,233</b>	<b>71,782</b>	<b>269,010</b>	<b>9,805</b>	<b>201,013</b>	<b>155,309</b>	<b>53,061</b>	<b>93,429</b>	<b>2,302</b>	<b>99,356</b>
Ill.	13,268	21,799	102,095	4,607	91,499	93,647	8,111	47,043	1,388	50,401
Mo.	6,534	21,650	79,143	794	62,309	43,599	22,961	29,761	868	29,946
Ark.	3,131	28,333	87,772	4,404	47,205	18,063	21,989	16,635	546	19,009
<b>Dist. No. 7.</b>	<b>48,408</b>	<b>88,227</b>	<b>141,564</b>	<b>9,085</b>	<b>122,321</b>	<b>247,630</b>	<b>58,428</b>	<b>71,576</b>	<b>5,934</b>	<b>72,538</b>
Mich.	14,226	18,105	22,006	27	18,121	62,170	13,756	12,589		12,622
Wis.	9,580	11,359	43,002	4,354	39,171	60,119	9,707	23,843	3,005	24,124
Minn.	18,676	57,218	56,645	3,480	48,517	96,486	33,202	26,764	2,312	27,072
N. Dak.	5,926	1,545	19,851	1,224	15,812	28,855	1,761	8,380	617	8,720
<b>Dist. No. 8.</b>	<b>56,266</b>	<b>26,058</b>	<b>164,813</b>	<b>11,029</b>	<b>145,451</b>	<b>303,153</b>	<b>23,608</b>	<b>66,493</b>	<b>5,163</b>	<b>69,127</b>
Iowa	23,827	21,213	60,928	2,360	55,536	136,725	17,161	24,428	900	24,567
S. Dak.	6,159	746	33,580	1,000	29,942	56,757	903	13,480	517	14,206
Nebr.	19,988	3,901	52,592	2,131	44,931	93,443	5,270	21,064	1,044	22,009
Wyo.	3,792	198	17,713	5,535	15,042	16,228		7,521	2,702	8,045
<b>Dist. No. 9.</b>	<b>39,593</b>	<b>37,120</b>	<b>179,440</b>	<b>16,941</b>	<b>150,431</b>	<b>166,956</b>	<b>37,998</b>	<b>77,630</b>	<b>8,154</b>	<b>79,352</b>
Kans.	20,424	13,753	56,681	466	45,464	80,035	17,741	24,593	3,226	25,174
Okla.	7,467	18,774	42,838	6,358	36,303	36,743	13,180	19,734	3,199	19,904
Colo.	7,742	3,643	54,856	3,281	49,546	53,928	5,054	24,463	3,304	25,617
N. Mex.	3,970	3,950	25,065	1,836	19,118	14,250	2,023	8,840	1,125	8,650
<b>Dist. No. 10.</b>	<b>32,705</b>	<b>38,489</b>	<b>242,883</b>	<b>38,987</b>	<b>175,309</b>	<b>201,409</b>	<b>25,376</b>	<b>77,495</b>	<b>16,228</b>	<b>77,249</b>
Tex.	32,705	38,489	242,883	38,987	175,309	201,409	25,376	77,495	16,228	77,249
<b>Dist. No. 11.</b>	<b>46,084</b>	<b>64,243</b>	<b>188,248</b>	<b>48,205</b>	<b>142,950</b>	<b>150,035</b>	<b>66,684</b>	<b>53,452</b>	<b>14,134</b>	<b>53,268</b>
Ariz.	3,611	370	16,947	14,968	12,296	12,229	401	4,550	3,839	4,618
Utah	2,837	5,039	19,473	5,430	16,230	13,549	9,436	7,925	2,605	7,618
Nev.	1,038	30	6,102	1,949	4,886	3,184	58	2,425	822	2,487
Calif.	38,508	58,804	145,726	25,558	109,538	121,073	56,789	38,552	6,868	38,513
<b>Dist. No. 12.</b>	<b>27,313</b>	<b>24,554</b>	<b>214,410</b>	<b>4,149</b>	<b>164,356</b>	<b>140,768</b>	<b>29,085</b>	<b>72,455</b>	<b>2,526</b>	<b>75,999</b>
Mont.	7,664	125	62,895	997	44,878	32,812	304	18,693	429	19,604
Idaho	8,817	1,790	62,080	221	49,614	43,981	2,203	21,413	126	22,750
Wash.	5,733	9,960	30,881	1,461	20,560	33,987	11,058	11,347	1,053	9,797
Oreg.	5,099	12,670	58,545	1,470	49,304	29,988	15,520	21,002	918	23,848

<sup>1</sup> By Federal land banks.

<sup>2</sup> By banks for cooperatives including central bank.

<sup>3</sup> Includes renewals. <sup>4</sup> Interagency transactions which should be disregarded in obtaining combined totals.

<sup>5</sup> By Federal land banks. Includes purchase money mortgages, contracts, etc.

Source: Farm Credit Administration; records.

# NO. 558.—FARMERS HOME ADMINISTRATION—REAL-ESTATE AND NON-REAL-ESTATE LOANS TO INDIVIDUALS, BY STATES AND OTHER AREAS: 1957

[In thousands of dollars. Loans outstanding are as of end of year. Includes loans made from Corporation trust funds]

STATE OR OTHER AREA	REAL-ESTATE LOANS					NON-REAL-ESTATE LOANS						
	Direct farm ownership <sup>1</sup>		Farm housing		Soil and water conservation loans outstanding <sup>1,4</sup>	Operating		Emergency		Special live-stock		Emergency crop and feed loans outstanding
	Loans made <sup>2</sup>	Loans out-standing <sup>3</sup>	Loans made	Loans out-standing		Loans made	Loans out-standing <sup>5</sup>	Loans made <sup>6</sup>	Loans out-standing <sup>7</sup>	Loans made	Loans out-standing	
<b>Total</b>	<b>44,260</b>	<b>238,773</b>	<b>26,188</b>	<b>91,442</b>	<b>15,378</b>	<b>175,823</b>	<b>352,652</b>	<b>54,972</b>	<b>62,524</b>	<b>8,839</b>	<b>17,398</b>	<b>8,331</b>
N. E.	685	3,133	469	1,453	6	3,610	8,184	3,029	3,402		2	41
Maine	204	1,226	409	1,159	6	2,559	5,201	2,913	3,150			32
N. H.	153	468	8	58		332	1,094	9	24			2
Vt.	168	734	38	72		309	978		32			2
Mass.	73	435	14	92		251	516	51	148		2	2
R. I.		19		5		26	82		2			(3)
Conn.	87	251		67		133	313	56	46			3
M. A.	1,457	7,204	781	2,890	98	7,752	21,852	406	716	12	65	40
N. Y.	502	2,327	240	830	27	3,140	9,712	138	210	7	9	12
N. J.	173	1,391	140	662	42	1,459	3,121	104	326	1	23	17
Pa.	782	3,486	401	1,398	29	3,153	9,019	164	180	4	33	11
E. N. C.	5,647	22,927	1,861	6,598	185	20,340	46,085	282	678		3	172
Ohio	883	4,428	277	752	19	2,287	5,620	63	34		1	14
Ind.	1,174	4,456	193	1,240	20	4,081	8,090	37	66			11
Ill.	1,045	4,427	236	1,063	81	6,478	11,957	49	82		1	13
Mich.	638	3,167	576	1,975	53	3,821	11,044	131	456			38
Wis.	1,912	6,449	579	1,528	12	3,673	9,374	2	40		1	96
W. N. C.	9,931	46,765	3,660	11,886	3,171	39,304	81,402	11,178	8,668	675	1,124	4,114
Minn.	794	6,801	460	1,363	16	4,745	11,286	408	177			104
Iowa	1,306	6,876	320	1,497	33	6,889	13,086	18	18			5
Mo.	2,863	12,409	1,022	3,309	191	6,214	10,326	1,135	1,395	64	280	68
N. Dak.	1,718	5,020	1,159	2,243	138	4,730	12,718	3,045	343			1,946
S. Dak.	1,079	4,440	223	1,061	312	5,058	12,890	1,023	402	70	240	1,504
Nebr.	815	4,797	161	1,105	1,751	5,252	9,360	558	811		35	106
Kans.	1,356	6,422	235	1,213	730	6,410	11,736	4,996	6,022	541	569	381
S. A.	7,162	38,211	6,035	20,532	739	24,095	36,255	3,341	3,031	80	224	424
Del.	32	222	15	84		27	66		21			8
Md.	238	1,310	281	785	28	1,146	3,191	16	106			67
Va.	847	3,933	194	1,593		2,033	3,615	128	161		18	66
W. Va.	37	1,956	191	1,472	19	1,245	3,896	31	63	(3)		5
N. C.	1,009	10,700	1,191	4,285	74	8,229	9,122	1,300	780		1	40
Ga.	1,009	6,065	538	3,300	95	3,300	4,509	637	474			91
Fla.	2,713	11,772	1,454	5,276	104	6,084	7,683	329	372	80	125	76
E. S. C.	6,344	25,253	5,855	17,501	419	1,991	3,955	873	1,054		79	71
Ky.	2,442	4,736	5,855	2,161	238	15,763	26,464	474	1,397	17	45	83
Tenn.	1,194	4,802	559	2,197	44	2,720	5,303	6	105		10	12
Ala.	2,093	8,095	1,440	3,613	40	2,859	4,738	41	208	15	11	16
Miss.	1,350	10,771	1,714	5,029	14	4,636	5,811	55	178	2	20	33
W. S. C.	1,717	19,065	2,142	6,062	140	5,548	10,612	372	908		4	22
Ark.	5,416	38,337	3,111	15,037	2,532	28,065	65,659	30,524	35,312	4,496	10,224	1,011
La.	713	8,277	593	2,718	34	5,030	7,667	572	1,273	84	142	60
Okl.	1,266	6,900	861	3,143	78	5,052	7,669	201	367		7	138
Okla.	1,156	8,147	519	3,783	994	6,266	15,790	1,762	3,478	312	995	109
Tex.	2,281	15,013	1,138	5,393	1,426	11,717	34,533	27,989	30,194	4,100	9,080	704
Mt.	4,236	22,873	1,878	8,062	4,997	23,958	43,399	4,369	6,462	3,342	5,180	1,552
Mont.	488	2,432	185	965	622	4,282	6,923	65	146		590	944
Idaho	2,128	9,133	636	2,015	1,096	6,390	10,606	287	190	151	364	46
Wyo.	431	2,358	257	872	285	2,995	4,969	285	374	144	175	123
Colo.	472	2,449	75	937	703	4,567	9,592	2,878	3,984	1,041	1,339	347
N. Mex.	135	1,905	159	1,079	529	2,309	5,348	803	1,542	896	1,666	183
Ariz.	48	908	6	469	909	959	1,441	41	68	36	73	14
Utah	534	3,341	451	1,504	782	2,247	3,971	2	80	406	372	12
Nev.		347	47	161	71	209	549	8	78	78	247	3
Pac.	2,958	13,366	1,961	5,365	3,023	10,098	18,881	1,098	2,147	217	523	839
Wash.	1,805	7,521	577	1,552	1,077	4,315	8,859	726	1,032	8	26	612
Oreg.	527	3,241	468	1,304	511	2,753	4,084	48	186	95	301	95
Calif.	626	2,604	916	2,509	1,435	3,030	5,938	324	929	114	196	132
Alaska	61	254	5	5	6	101	246		1			21
Hawaii	297	1,120	168	704	8	535	979		1		8	
P. R.	66	1,716	390	1,352	367	2,148	3,151	271	709			4
V. I.		131	14	57	8	54	95					

<sup>1</sup> Excludes insured loans.

<sup>2</sup> Amount obligated for tenant purchase, farm enlargement, farm development, and loans for refinancing purposes.

<sup>3</sup> Includes project liquidation loans.

<sup>4</sup> Loans made during year totaled \$4,842,000.

<sup>5</sup> Includes production and subsistence, rural rehabilitation, construction, and wartime adjustment loans.

<sup>6</sup> Production emergency, economic emergency, special emergency, and fur loans.

<sup>7</sup> Production emergency, economic emergency, special emergency, fur, orchard, flood damage, flood and wind-storm restoration loans, and Regional Agricultural Credit Corporation loans, the latter having been made by Farm Credit Administration prior to transfer of funds to Farmers Home Administration on April 16, 1949.

<sup>8</sup> Less than \$500.

Source: Department of Agriculture, Farmers Home Administration.

## FEDERAL HOME LOANS

459

## No. 559.—FEDERAL NATIONAL MORTGAGE ASSOCIATION—HOLDINGS, PURCHASES, AND SALES: 1950 TO 1957

[In millions of dollars. FNMA provides supplementary assistance to the secondary market for residential mortgages (guaranteed by the Veterans Administration or insured by Federal Housing Administration). It also provides special assistance for financing housing programs and residential mortgages generally.]

TYPE OF ACTIVITY	1950	1952	1953	1954	1955	1956	1957	
							Total	Secondary market
Authorized funds uncommitted.....	918	1,085	550	(1) 476	(1) 76	(1) 360	(1) 764	(1) 180
Commitments undischursed.....	485	323	638					
Mortgage holdings.....	1,347	2,242	2,462	2,434	2,615	3,047	3,974	1,636
FHA-insured.....	169	320	621	802	901	978	1,237	368
VA-guaranteed.....	1,178	1,922	1,841	1,632	1,714	2,069	2,737	1,268
Mortgage purchases (during period).....	1,044	538	542	614	411	609	1,096	1,021
Mortgage sales (during period).....	469	56	221	525	62	5	3	3

<sup>1</sup> No longer applicable; under the new charter, effective Nov. 1, 1954, FNMA maintains 3 separate programs for which the type of fund authorization varies.

Source: Housing and Home Finance Agency, Federal National Mortgage Association; *Semi-Annual Report*. Published currently in *Federal Reserve Bulletin*.

## No. 560.—FEDERAL HOME LOAN BANK SYSTEM—MEMBER INSTITUTIONS: 1945 TO 1957

[Money figures in thousands of dollars. Federal Home Loan Bank System is composed of savings and loan associations, savings banks, and insurance companies engaged in home financing. Federal Home Loan Banks provide a permanent reserve credit system for member institutions. The Banks are privately owned by their members and are entirely self-sustaining. Federal Home Loan Bank Board supervises the operations of the 11 Federal Home Loan Banks, and of the Federal Savings and Loan Insurance Corporation, and charters and regulates Federal savings and loan associations. Includes Alaska, Guam, Hawaii, and Puerto Rico.]

ITEM	1945	1950	1955	1956	1957
Member institutions as of Dec. 31:					
Number.....	3,697	3,930	4,336	4,426	4,501
Federal savings and loan associations.....	1,467	1,526	1,683	1,739	1,772
State-chartered savings and loan associations.....	2,191	2,368	2,624	2,659	2,703
Savings banks.....	25	29	26	26	24
Life insurance companies.....	14	7	3	2	2
Assets.....	8,730,156	16,244,658	36,724,679	41,799,261	46,969,000
Federal savings and loan associations.....	3,921,037	8,457,420	20,035,089	22,972,725	25,733,000
State-chartered savings and loan associations.....	3,760,457	7,058,369	16,111,356	18,301,338	<sup>1</sup> 20,813,000
Savings banks.....	594,015	639,586	550,343	515,027	<sup>1</sup> 412,000
Life insurance companies.....	454,647	80,283	27,891	10,171	<sup>1</sup> 11,000
Federal Home Loan Bank loans to members:					
Advances made during year.....	277,748	674,757	1,251,680	744,936	1,116,148
Repayments during year.....	213,439	292,229	702,399	983,539	1,079,109
Advances outstanding Dec. 31.....	194,872	815,957	1,416,759	1,228,156	1,265,195

<sup>1</sup> Preliminary.

Source: Federal Home Loan Bank Board; records.

### No. 561.—FEDERAL HOME LOAN BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1940 TO 1957

[In thousands of dollars. As of December 31; see headnote, table 560. Includes Alaska, Guam, Hawaii, and Puerto Rico]

YEAR	ASSETS				LIABILITIES AND CAPITAL				
	Total assets <sup>1</sup>	Ad- vances out- stand- ing	Invest- ment securi- ties (face amount)	Cash <sup>1</sup>	Member deposits	Consoli- dated obligations	Paid-in on capital stock		Surplus reserves and un- divided profits
							Mem- bers	U. S. Govt.	
1940.....	301,344	201,492	49,815	48,345	26,921	90,500	44,541	124,741	11,201
1945.....	342,710	194,872	117,177	28,572	45,697	68,500	73,658	124,570	21,049
1950.....	1,060,470	815,957	197,435	41,479	224,097	561,000	182,547	56,022	29,903
1951.....	1,101,832	805,937	248,088	37,395	261,236	529,500	270,652	-----	31,827
1952.....	1,225,227	864,189	310,608	42,892	419,661	448,550	315,488	-----	34,413
1953.....	1,396,519	951,555	387,640	53,419	558,446	413,500	368,524	-----	37,516
1954.....	1,575,149	867,478	642,024	60,253	802,029	273,000	437,904	-----	40,845
1955.....	2,248,614	1,416,759	765,540	62,243	698,493	975,000	515,517	-----	46,106
1956.....	2,325,914	1,228,156	1,028,310	62,015	683,315	963,000	607,120	-----	51,558
1957.....	2,288,838	1,265,195	909,485	105,764	652,681	826,000	685,383	-----	57,654

<sup>1</sup> Includes interbank deposits.

### No. 562.—FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION—SUMMARY OF INSURED INSTITUTIONS: 1945 TO 1957

[Money figures in millions of dollars. As of December 31; see headnote, table 563. Federal Savings and Loan Insurance Corporation protects up to \$10,000 the savings of each investor in each insured savings and loan association. Includes Alaska, Guam, Hawaii, and Puerto Rico]

ITEM	1945	1950	1952	1953	1954	1955	1956	1957
Number of associations.....	2,475	2,860	3,172	3,304	3,433	3,544	3,666	3,772
Total assets.....	6,123	13,691	19,656	23,593	28,367	34,198	39,338	44,459
Total mortgage loans, less pledged shares.....	3,747	11,181	16,085	19,517	23,558	28,686	32,917	37,096
Savings capital, private.....	5,211	11,374	16,732	20,252	24,529	29,241	34,152	38,773
FHLB advances.....	183	753	817	904	834	1,376	1,194	1,237
General reserves and undivided profits.....	389	955	1,361	1,598	1,876	2,246	2,637	3,041
Number of investors.....	1,000	4,384	8,111	10,806	12,323	13,773	15,627	17,764
Operations:								
New savings capital.....	1,877	4,543	7,103	8,662	10,372	12,521	14,346	15,535
Withdrawals.....	1,006	3,211	4,267	5,278	6,220	7,972	9,636	11,050
Mortgage loans made.....	1,449	4,352	5,848	6,984	8,176	10,457	9,695	9,668

### No. 563.—ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS: 1940 TO 1957

[Money figures in millions of dollars. Includes Alaska, Guam, Hawaii, and Puerto Rico. See headnote, table 564. See also *Historical Statistics, 1789-1954*, series H 114 and H 128-132]

END OF YEAR	Num- ber of associ- ations	Total assets	Total mort- gage loans— less pledged shares	Cash	U. S. Govern- ment obli- gations	Savings capital— private	Re- serves and un- divided profits	MORTGAGE LOANS MADE DURING YEAR			
								Total	New con- struc- tion	Home pur- chase	Other pur- poses <sup>1</sup>
1940.....	7,521	5,733	4,125	307	71	4,322	464	1,200	399	426	375
1945.....	6,149	8,747	5,676	450	2,420	7,365	644	1,913	180	1,358	375
1950.....	5,992	10,893	13,657	924	1,487	13,992	1,280	5,237	1,767	2,246	1,224
1954.....	6,038	31,736	26,193	1,980	2,021	27,334	2,191	8,969	3,076	3,846	2,047
1955.....	6,071	37,719	31,461	2,067	2,342	32,192	2,557	11,432	4,041	5,241	2,150
1956.....	6,136	42,875	35,729	2,119	2,782	37,148	2,950	10,545	3,772	4,727	2,046
1957 (prel.).....	6,182	48,275	40,119	2,144	3,160	42,038	3,377	10,402	3,562	4,708	2,132

<sup>1</sup> Comprises loans for repair, additions and alterations, refinancing, etc.

Source of tables 561-563: Federal Home Loan Bank Board.

**No. 564.—ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS, BY STATES AND OTHER AREAS: 1955 AND 1956**

[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 that shown in table 563, primarily because some State-chartered associations submit their reports on dates other than December 31]

STATE OR OTHER AREA	1955				1956			
	Number of associations	Total assets	First mortgage loans outstanding	Savings capital—private	Number of associations	Total assets	First mortgage loans outstanding	Savings capital—private
<b>Total.....</b>	<b>6,071</b>	<b>37,596</b>	<b>31,408</b>	<b>32,108</b>	<b>6,136</b>	<b>42,781</b>	<b>35,719</b>	<b>37,072</b>
Alabama.....	32	197	164	179	34	237	197	216
Arizona.....	8	135	112	109	9	167	135	140
Arkansas.....	46	152	134	133	46	175	154	154
California.....	213	4,146	3,545	3,413	217	4,975	4,251	4,208
Colorado.....	53	426	351	363	55	499	408	433
Connecticut.....	47	444	372	379	47	488	410	427
Delaware.....	39	38	34	32	39	42	37	35
District of Columbia.....	28	735	649	624	27	805	710	688
Florida.....	82	1,351	1,106	1,180	92	1,695	1,377	1,494
Georgia.....	80	605	517	517	84	681	578	601
Idaho.....	10	76	63	65	10	89	74	76
Illinois.....	577	3,526	2,909	2,917	581	4,031	3,330	3,399
Indiana.....	229	1,093	882	951	228	1,216	986	1,063
Iowa.....	92	434	364	372	92	484	399	426
Kansas.....	103	459	392	381	105	507	431	432
Kentucky.....	121	496	423	434	122	560	475	494
Louisiana.....	76	499	435	426	79	565	490	489
Maine.....	34	70	61	55	34	75	66	60
Maryland.....	383	905	767	758	400	1,015	854	868
Massachusetts.....	209	1,519	1,267	1,292	212	1,632	1,370	1,400
Michigan.....	73	919	735	806	74	1,057	844	929
Minnesota.....	76	822	703	728	77	934	804	837
Mississippi.....	42	146	128	130	49	177	152	158
Missouri.....	157	886	758	760	156	1,007	860	874
Montana.....	20	72	59	66	20	84	69	76
Nebraska.....	56	274	219	237	57	302	237	269
Nevada.....	4	28	22	23	5	33	27	27
New Hampshire.....	26	105	93	86	26	115	101	95
New Jersey.....	471	1,577	1,301	1,394	462	1,760	1,467	1,571
New Mexico.....	22	88	76	77	23	102	86	91
New York.....	235	2,880	2,413	2,499	237	3,229	2,717	2,826
North Carolina.....	180	741	645	649	181	830	722	732
North Dakota.....	15	99	84	84	15	117	96	101
Ohio.....	596	4,041	3,152	3,468	593	4,509	3,529	3,925
Oklahoma.....	59	407	353	359	59	446	386	398
Oregon.....	26	242	197	209	26	279	227	243
Pennsylvania.....	858	2,259	1,934	1,912	854	2,562	2,200	2,184
Rhode Island.....	8	176	150	155	8	196	167	174
South Carolina.....	76	364	313	316	77	413	354	364
South Dakota.....	14	37	32	32	14	43	36	38
Tennessee.....	44	395	340	349	46	443	373	396
Texas.....	181	1,126	954	970	192	1,288	1,083	1,132
Utah.....	21	200	172	161	22	214	180	179
Vermont.....	9	31	27	27	9	34	30	30
Virginia.....	68	383	330	329	68	423	361	370
Washington.....	60	741	603	644	60	808	646	717
West Virginia.....	37	122	102	103	37	138	117	118
Wisconsin.....	154	981	840	831	154	1,125	966	962
Wyoming.....	10	43	35	37	10	49	40	43
Alaska.....	1	3	2	2	2	5	4	5
Guam.....	1	1	1	1	1	1	1	1
Hawaii.....	8	69	61	60	8	83	74	73
Puerto Rico.....	1	30	25	24	1	37	31	31

Source: Federal Home Loan Bank Board; annual study, *Trends in the Savings and Loan Field*.

# No. 565.—INVESTMENTS OF INDIVIDUALS IN SAVINGS ACCOUNTS, U. S. SAVINGS BONDS AND LIFE INSURANCE RESERVES: 1929 TO 1957

[In millions of dollars. As of December 31]

YEAR	Total	SAVINGS ACCOUNTS					U. S. savings bonds <sup>6</sup>	Life insurance reserves <sup>7</sup>	Net increase during year
		Savings and loan assns. <sup>1</sup>	Mutual savings banks <sup>2</sup>	Commercial banks <sup>3</sup>	Postal savings <sup>4</sup>	Credit unions <sup>5</sup>			
1929.....	47,206	6,237	8,787	19,165	169	37	-----	12,801	1,347
1930.....	48,304	6,296	9,384	18,647	250	37	-----	13,690	1,093
1931.....	41,113	4,760	9,506	10,979	1,229	36	-----	14,613	-1,470
1932.....	45,614	4,254	9,829	12,899	1,229	47	153	17,203	2,533
1933.....	59,383	4,322	10,618	15,403	1,342	235	2,800	24,063	3,499
1934.....	136,448	7,365	15,332	29,929	3,013	400	42,900	37,509	19,749
1935.....	176,360	13,992	20,002	35,200	3,035	901	49,600	53,630	5,897
1936.....	207,899	22,846	24,345	42,001	2,466	1,691	49,400	65,150	12,449
1937.....	221,927	27,334	26,285	44,746	2,240	2,022	50,000	69,300	14,028
1938.....	234,973	32,192	28,113	46,331	1,990	2,447	50,200	73,700	13,046
1939.....	248,492	37,148	29,985	48,525	1,720	2,914	50,100	78,100	13,519
1940 (prel.).....	262,109	42,038	31,635	53,135	1,401	3,400	48,300	82,200	13,617

<sup>1</sup> Comprises savings accounts, deposits, and investment certificates. Excludes shares pledged against mortgage loans or investments by U. S. Government. Source: Federal Home Loan Bank Board.

<sup>2</sup> Time deposits. Source: National Association of Mutual Savings Banks, 1929-45; and Federal Deposit Insurance Corporation, 1950 to date.

<sup>3</sup> Time deposits of individuals, partnerships, and corporations. Source: Comptroller of the Currency, 1929-45; and Federal Deposit Insurance Corporation, 1950 to date.

<sup>4</sup> Outstanding principal and accrued interest due depositors. Source: Post Office Department.

<sup>5</sup> Share capital and members' deposits. Source: Department of Health, Education, and Welfare.

<sup>6</sup> Current redemption value of savings held by individuals at year-end. Source: Treasury Department.

<sup>7</sup> Accumulations in U. S. legal reserve life insurance companies include reserves plus dividends left to accumulate, minus premium notes and policy loans. Source: Institute of Life Insurance.

Source: Federal Home Loan Bank Board.

## No. 566.—STATE-CHARTERED AND FEDERALLY CHARTERED CREDIT UNIONS— SUMMARY: 1937 TO 1956

[Data for State-chartered unions as furnished by State officials charged with supervision of State credit unions to the Bureau of Federal Credit Unions, the agency responsible for supervising Federally chartered credit unions]

YEAR	CREDIT UNIONS REPORTING <sup>1</sup>			MEMBERS (1,000)			AMOUNTS OF LOANS OUTSTANDING AT END OF YEAR (\$1,000,000)			ASSETS (\$1,000,000)		
	Total	State	Federal	Total	State	Federal	Total	State	Federal	Total	State	Federal
1937.....	5,424	3,128	2,296	1,538	1,056	482	78.0	62.3	15.7	116.3	97.1	19.2
1938.....	6,730	3,977	2,753	1,868	1,237	631	108.0	84.1	23.8	147.3	117.7	29.6
1939.....	7,849	4,677	3,172	2,309	1,459	850	149.0	111.3	37.7	193.6	145.8	47.8
1940.....	8,914	5,175	3,739	2,827	1,700	1,126	190.5	134.7	55.8	253.1	180.6	72.5
1941.....	9,650	5,606	4,144	3,304	1,908	1,397	219.9	150.6	69.2	322.2	216.6	105.7
1942.....	9,470	5,400	4,070	3,145	1,797	1,348	148.8	105.9	42.9	340.3	221.1	119.2
1943.....	8,983	5,124	3,859	3,024	1,721	1,302	122.5	87.2	35.2	355.3	228.3	126.0
1944.....	8,702	4,907	3,795	2,934	1,630	1,304	121.0	86.6	34.4	387.9	258.7	144.3
1945.....	8,615	4,858	3,757	2,843	1,626	1,217	126.3	91.1	35.2	434.6	281.5	153.1
1946.....	8,715	4,954	3,761	3,020	1,718	1,302	187.5	130.7	56.8	495.2	322.1	173.2
1947.....	8,942	5,097	3,845	3,340	1,894	1,446	279.9	188.6	91.4	591.1	380.8	210.4
1948.....	9,329	5,271	4,058	3,749	2,121	1,628	398.4	260.7	137.6	701.5	443.0	258.4
1949.....	9,897	5,402	4,495	4,091	2,271	1,820	515.6	320.4	186.2	827.1	510.7	316.4
1950.....	10,569	5,585	4,984	4,609	2,493	2,127	679.9	416.1	263.7	1,005.0	599.2	405.8
1951.....	11,284	5,886	5,398	5,106	2,732	2,464	747.1	447.3	299.8	1,198.3	693.6	504.7
1952.....	12,249	6,324	5,925	5,888	3,035	2,853	955.0	570.0	415.1	1,516.1	853.7	662.4
1953.....	13,564	6,986	6,578	6,636	3,380	3,255	1,307.5	733.5	574.0	1,895.1	1,040.9	854.2
1954.....	14,940	7,713	7,227	7,356	3,757	3,599	1,552.1	870.1	682.0	2,270.4	1,237.2	1,033.2
1955.....	16,064	8,258	7,806	8,154	4,121	4,032	1,933.9	1,070.8	863.0	2,748.4	1,476.0	1,272.4
1956.....	17,113	8,763	8,350	9,051	4,549	4,502	2,326.2	1,277.0	1,049.2	3,270.9	1,741.7	1,529.2

<sup>1</sup> Does not represent total number of credit unions chartered; reports are not received from all credit unions in operation, and some credit unions are inactive. From 1945 to 1956 the number of Federal credit unions reporting is the same as the number in operation.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Report of Operations, Federal Credit Unions*, and *Social Security Bulletin*.



No. 567.—POSTAL SAVINGS BUSINESS—SUMMARY: 1930 TO 1957

[As of June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics, 1789-1946*, series N 109-113]

ITEM	1930	1940	1945	1950	1955	1956	1957
Depositories in operation, total.....	6,795	7,980	8,050	8,235	7,750	7,622	7,369
Offices.....	5,998	7,172	7,162	7,215	6,708	6,623	6,483
Branches and stations.....	797	808	888	1,020	1,042	999	886
Deposits.....\$1,000.....	159,959	923,266	1,739,341	1,827,913	1,140,503	606,100	353,628
Withdrawals.....\$1,000.....	138,332	892,149	1,113,902	2,007,999	1,383,926	848,627	656,830
Balance to credit of depositors <sup>1</sup> \$1,000.....	175,272	1,293,409	2,659,575	3,097,316	2,007,996	1,765,470	1,462,268
Number of depositors <sup>1</sup> .....	466,401	2,816,408	3,921,937	3,779,784	2,711,110	2,452,026	2,200,508
Average principal per depositor.....	\$376	\$459	\$678	\$819	\$741	\$711	\$665
Balance on deposit in banks..\$1,000.....	148,255	43,132	7,904	9,507	30,831	29,651	27,214

<sup>1</sup> Includes accounts shown on balance sheet as unclaimed.

Source: Post Office Department, Office of the Postmaster General; *Annual Report of the Postmaster General*, and records.

No. 568.—SHORT- AND INTERMEDIATE-TERM CONSUMER CREDIT, BY MAJOR PARTS: 1940 TO 1958

[In millions of dollars. Credit outstanding as of end of year or month; extended and repaid, for entire year or month]

YEAR	CREDIT OUTSTANDING									INSTALLMENT CREDIT		
	Total	Installment					Noninstallment				Ex-tended	Re-paid
		Total	Auto-mobile paper <sup>1</sup>	Other sumer goods paper <sup>1</sup>	Repair and mod-erniza-tion loans <sup>2</sup>	Per-sonal loans	Total	Single-pay-ment loans	Charge ac-counts	Serv-ice credit		
1940-----	8,338	5,514	2,071	1,827	371	1,245	2,824	800	1,471	553	8,219	7,208
1945-----	5,665	2,462	455	816	182	1,009	3,203	746	1,612	845	5,379	5,093
1946-----	8,384	4,172	981	1,290	405	1,496	4,212	1,122	2,076	1,014	8,495	6,785
1947-----	11,570	6,695	1,924	2,143	718	1,910	4,875	1,356	2,353	1,166	12,713	10,190
1948-----	14,398	8,996	3,018	2,901	853	2,224	5,402	1,445	2,073	1,284	15,585	13,284
1949-----	17,305	11,590	4,555	3,706	898	2,431	5,715	1,532	2,795	1,388	18,108	15,514
1950-----	21,395	14,703	6,074	4,799	1,016	2,814	6,692	1,821	3,291	1,580	21,558	18,445
1951-----	22,617	15,294	5,972	4,880	1,085	3,357	7,323	1,934	3,605	1,784	23,576	22,985
1952-----	27,401	19,403	7,733	6,174	1,385	4,111	7,998	2,120	4,011	1,867	29,514	25,405
1953-----	31,243	23,005	9,835	6,779	1,610	4,781	8,238	2,187	4,124	1,927	31,558	27,956
1954-----	32,292	23,568	9,809	6,751	1,616	5,392	8,724	2,408	4,308	2,008	31,051	30,488
1955-----	38,670	28,958	13,472	7,634	1,689	6,163	9,712	3,002	4,679	2,131	39,039	33,649
1956-----	42,097	31,827	14,459	8,510	1,895	6,963	10,270	3,253	4,735	2,282	40,063	37,194
1957-----	44,776	34,105	15,496	8,687	1,984	7,938	10,671	3,502	4,760	2,409	42,411	40,133
1958:												
Jan-----	43,966	33,737	15,326	8,499	1,963	7,949	10,229	3,514	4,264	2,451	3,108	3,476
Feb-----	43,043	33,302	15,122	8,277	1,936	7,967	9,741	3,542	3,710	2,439	2,754	3,189
Mar-----	42,562	32,983	14,889	8,192	1,915	7,987	9,579	3,542	3,528	2,509	3,164	3,483

<sup>1</sup> Comprises credit for purchases (which may be used in part for business), whether held by retail outlets or financial institutions.

<sup>2</sup> Comprises only repair and modernization loans held by financial institutions; such loans held by retail outlets are included in "Other consumer goods paper."

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

## No. 569.—CONSUMER INSTALLMENT CREDIT, BY HOLDER: 1940 TO 1958

[In millions of dollars. As of December 31. Estimated amounts outstanding]

YEAR	Total installment credit	FINANCIAL INSTITUTIONS						RETAIL OUTLETS					
		Total	Commercial banks	Sales finance companies	Credit unions	Consumer finance companies <sup>1</sup>	Other <sup>2</sup>	Total	Department stores <sup>3</sup>	Furniture stores	Household appliance stores	Automobile dealers <sup>3</sup>	Other
1940.....	5,514	3,918	1,452	1,575	171	-----	720	1,596	394	474	196	167	365
1945.....	2,462	1,776	745	300	102	-----	629	686	131	240	17	28	270
1946.....	4,172	3,235	1,567	677	151	-----	840	937	209	319	38	47	324
1947.....	6,605	5,255	2,625	1,355	235	-----	1,040	1,440	379	474	79	101	407
1948.....	8,906	7,120	3,529	2,011	334	-----	1,246	1,876	470	604	127	159	516
1949.....	11,590	9,257	4,439	2,944	438	-----	1,436	2,333	596	740	178	236	553
1950.....	14,703	11,805	5,798	3,711	500	1,286	420	2,898	746	827	267	287	771
1951.....	15,294	12,124	5,771	3,654	635	1,555	509	3,170	924	810	243	290	903
1952.....	19,403	15,581	7,524	4,711	837	1,866	643	3,822	1,107	943	301	389	1,082
1953.....	23,005	18,963	8,998	5,927	1,124	2,137	777	4,042	1,064	1,004	377	527	1,070
1954.....	23,568	19,450	8,796	6,144	1,342	2,257	911	4,118	1,242	984	377	463	1,052
1955.....	28,938	24,450	10,601	8,443	1,678	2,656	1,072	4,508	1,511	1,044	365	487	1,101
1956.....	31,827	27,084	11,707	9,100	2,014	3,056	1,207	4,743	1,408	1,187	377	502	1,269
1957.....	34,105	29,375	12,714	9,573	2,472	3,332	1,284	4,730	1,393	1,146	374	529	1,288
1958:													
Jan.....	33,737	29,125	12,611	9,464	2,446	3,320	1,284	4,612	1,381	1,108	367	522	1,234
Feb.....	33,302	28,864	12,415	9,405	2,451	3,306	1,287	4,438	1,326	1,079	363	514	1,156
Mar.....	32,983	28,621	12,310	9,234	2,461	3,286	1,280	4,362	1,343	1,045	359	504	1,111

<sup>1</sup> Consumer finance companies included with "Other" financial institutions until September 1950.<sup>2</sup> Includes mail-order houses.<sup>3</sup> Comprises automobile paper; other installment credit held by automobile dealers is included with "Other" retail outlets.Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

## No. 570.—CONSUMER INSTALLMENT CREDIT HELD BY FINANCIAL INSTITUTIONS, BY TYPE OF CREDIT: 1940 TO 1958

[In millions of dollars. As of December 31. Estimated amounts outstanding]

HOLDER AND TYPE OF CREDIT	1940	1945	1950	1953	1954	1955	1956	1957	Mar. 1958
<b>Held by commercial banks.....</b>	<b>1,452</b>	<b>745</b>	<b>5,798</b>	<b>8,998</b>	<b>8,796</b>	<b>10,601</b>	<b>11,707</b>	<b>12,714</b>	<b>12,310</b>
Automobile paper.....	615	209	2,471	4,082	3,937	5,305	5,726	6,389	6,211
Purchased.....	339	66	1,177	2,215	2,269	3,243	3,651	4,054	3,606
Direct.....	276	143	1,294	1,867	1,668	2,062	2,075	2,335	2,305
Other consumer goods paper.....	232	114	1,456	2,075	1,880	2,042	2,394	2,435	2,236
Repair and modernization loans.....	165	110	834	1,317	1,303	1,338	1,460	1,527	1,467
Personal loans.....	440	312	1,037	1,521	1,676	1,916	2,118	2,363	2,396
<b>Held by sales finance companies.....</b>	<b>1,575</b>	<b>300</b>	<b>3,711</b>	<b>5,927</b>	<b>6,144</b>	<b>8,443</b>	<b>9,100</b>	<b>9,573</b>	<b>9,234</b>
Automobile paper.....	1,187	164	2,956	4,688	4,870	6,919	7,283	7,470	7,080
Other consumer goods paper.....	136	24	532	816	841	1,034	1,227	1,413	1,492
Repair and modernization loans.....	190	58	61	46	31	25	23	20	19
Personal loans.....	62	54	162	377	402	465	567	670	693
<b>Held by other financial institutions.....</b>	<b>891</b>	<b>731</b>	<b>2,296</b>	<b>4,038</b>	<b>4,510</b>	<b>5,406</b>	<b>6,277</b>	<b>7,088</b>	<b>7,027</b>
Automobile paper.....	102	54	360	538	539	761	948	1,108	1,094
Other consumer goods paper.....	30	20	200	370	375	537	648	638	606
Repair and modernization loans.....	16	14	121	247	282	326	403	437	429
Personal loans.....	743	643	1,615	2,833	3,314	3,782	4,278	4,905	4,898

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

## No. 571.—MONEY MARKET RATES: 1920 TO 1957

[Percent per annum. See also *Historical Statistics, 1789-1945*, series N 185-187, for data on prime commercial paper, stock exchange time loans, and call loan renewals]

YEARLY AVERAGE	Prime commercial paper, 4 to 6 months <sup>1</sup>	Finance company paper placed directly, 3 to 6 months <sup>2</sup>	Prime bankers' accept- ances, 90 days <sup>1</sup>	Stock exchange time loans, 90 days <sup>1</sup>	Stock exchange call loan renewals <sup>2</sup>	U. S. GOVERNMENT SECURITIES (TAXABLE)			
						3-month bills		9- to 12- month issues <sup>4</sup>	3- to 5- year issues <sup>5</sup>
						Market yield	Rate on new issues <sup>3</sup>		
1920.....	7.50	-----	6.06	8.06	7.74	-----	-----	-----	-----
1930.....	3.59	-----	2.48	3.26	2.94	-----	-----	-----	-----
1940.....	0.56	0.75	0.44	1.25	1.00	-----	0.014	-----	-----
1945.....	0.75	0.63	0.44	1.25	1.00	-----	0.375	0.81	1.18
1950.....	1.45	1.41	1.15	1.50	1.63	1.20	1.218	1.26	1.50
1951.....	2.16	1.87	1.60	2.15	2.17	1.52	1.552	1.73	1.08
1952.....	2.33	2.16	1.75	2.42	2.48	1.72	1.766	1.81	2.13
1953.....	2.32	2.33	1.87	2.85	3.06	1.90	1.931	2.07	2.56
1954.....	1.58	1.42	1.35	2.80	3.05	0.94	0.953	0.92	1.82
1955.....	2.18	1.97	1.71	3.01	3.20	1.73	1.753	1.89	2.50
1956.....	3.31	3.06	2.64	3.89	4.03	2.62	2.658	2.83	3.12
1957.....	3.81	3.55	3.45	4.35	4.50	3.23	3.267	3.53	3.62

<sup>1</sup> Beginning with January 1941, data are averages of daily prevailing rates. Prior to that time data are averages of weekly prevailing rates.

<sup>2</sup> Data are averages of daily prevailing rates.

<sup>3</sup> Tax-exempt bills prior to March 1941.

<sup>4</sup> Comprises certificates of indebtedness and selected note and bond issues.

<sup>5</sup> Comprises selected note and bond issues.

<sup>6</sup> Separate quotations for renewals and new loans were discontinued early in 1957; therefore, for "stock exchange call loans" only a going rate is quoted.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin* and records.

## No. 572.—BUSINESS LOAN RATES—AVERAGES OF INTEREST RATES CHARGED ON SHORT-TERM LOANS TO BUSINESSES, BY BANKS IN SELECTED CITIES AND BY SIZE OF LOAN: 1940 TO 1957

[Percent per annum. Estimates based on statistics reported by large banks in 19 leading cities. Short-term loans comprise loans maturing in one year or less. "Interest rate," as used here, includes discount rates. See also *Historical Statistics, 1789-1945*, series N 188-191]

YEAR	Average, 19 cities	New York City	7 other Northern and Eastern cities	11 South- ern and Western cities	SIZE OF LOAN			
					\$1,000 to \$10,000	\$10,000 to \$100,000	\$100,000 to \$200,000	\$200,000 and over
1940.....	2.1	1.8	2.0	2.5	4.3	3.0	2.0	1.8
1945.....	2.2	2.0	2.5	2.5	4.3	3.2	2.3	2.0
1950.....	2.7	2.4	2.7	3.2	4.5	3.6	3.0	2.4
1951.....	3.1	2.8	3.1	3.5	4.7	4.0	3.4	2.9
1952.....	3.5	3.3	3.5	3.8	4.9	4.2	3.7	3.3
1953.....	3.7	3.5	3.7	4.0	5.0	4.4	3.9	3.5
1954.....	3.6	3.4	3.6	4.0	5.0	4.3	3.9	3.4
1955.....	3.7	3.5	3.7	4.0	5.0	4.4	4.0	3.5
1956.....	4.2	4.0	4.2	4.4	5.2	4.8	4.4	4.0
1957.....	4.6	4.5	4.6	4.8	5.5	5.1	4.8	4.5

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

### No. 573.—PRINCIPAL COMMODITY FUTURES—VOLUME OF TRADING ON ALL CONTRACT MARKETS: 1940 TO 1957

[For years ending June 30. Compiled from daily reports of all clearing members of each contract market]

YEAR	Wheat (1,000,000 bushels)	Corn (1,000,000 bushels)	Oats (1,000,000 bushels)	Rye (1,000,000 bushels)	Soybeans (1,000,000 bushels)	Cotton (1,000 bales)	Eggs (carlots)
1940.....	8,375.0	1,391.9	431.4	409.3	118.2	44,561	49,271
1945.....	2,425.0	491.3	1,090.2	3,978.6	( <sup>1</sup> )	37,813	40,729
1950.....	4,202.0	2,013.4	1,048.2	581.6	3,613.9	52,697	56,938
1951.....	4,675.7	2,236.6	1,617.3	576.2	2,952.6	79,067	148,811
1952.....	4,341.7	2,689.6	2,239.2	426.6	2,953.2	94,887	90,005
1953.....	3,780.5	2,811.2	2,421.2	703.0	3,346.3	91,335	145,588
1954.....	4,763.3	2,344.0	1,232.5	724.6	5,148.0	44,886	149,163
1955.....	3,969.1	2,213.5	757.6	815.4	4,952.2	50,395	258,507
1956.....	4,180.6	2,762.0	687.3	574.1	5,541.8	39,694	425,900
1957.....	4,855.8	2,275.9	643.4	913.3	4,479.8	22,306	368,816

<sup>1</sup> Trading suspended.

Source: Department of Agriculture, Commodity Exchange Authority; annual report, *Commodity Futures Statistics*.

### No. 574.—MARGIN REQUIREMENTS ON SECURITIES CREDIT: 1945 TO 1958

[Prescribed in accordance with Securities Exchange Act of 1934. Regulations limit the amount of credit that may be extended on a security by prescribing a maximum loan value, which is a specified percentage of its market value at the time of the extension; the margin requirement is the difference between the market value (100 percent) and the maximum loan value. Data shown here are for regular accounts. For rates for 1934 to 1937 see *Statistical Abstract 1957*, table 554]

EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)			EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)		
	For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks		For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks
Feb. 5, 1945.....	50	50	50	Feb. 20, 1953 <sup>1</sup> .....	50	50	50
July 5, 1945.....	75	75	75	Jan. 4, 1955 <sup>1</sup> .....	60	60	60
Jan. 21, 1946.....	100	100	100				
Feb. 1, 1947.....	75	75	75	Apr. 23, 1955.....	70	70	70
Mar. 30, 1949.....	50	50	50	Jan. 16, 1958.....	50	50	50
Jan. 17, 1951.....	75	75	75	In effect Mar. 1, 1958..	50	50	50

<sup>1</sup> Effective after the close of business.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

### No. 575.—SECURITIES LISTED ON NEW YORK STOCK EXCHANGE—VALUES AND AVERAGE PRICE: 1940 TO 1958

[Value, except average price, in millions of dollars. As of January 1]

YEAR	BONDS <sup>1</sup>			STOCKS			YEAR	BONDS <sup>1</sup>			STOCKS		
	Face value	Mar- ket value	Aver- age price	Shares (mil- lions)	Mar- ket value	Aver- age price		Face value	Mar- ket value	Aver- age price	Shares (mil- lions)	Mar- ket value	Aver- age price
1940...	54,067	49,920	\$92.33	1,435	46,468	\$32.37	1954...	101,539	99,828	\$98.32	2,927	117,257	\$40.06
1945...	111,116	112,621	101.35	1,492	55,512	37.21	1955...	106,438	106,517	100.07	3,174	169,149	53.29
1950...	125,410	128,464	102.43	2,166	76,292	35.22	1956...	107,898	104,750	97.08	3,836	207,699	54.14
1951...	114,889	115,952	100.98	2,353	93,807	39.87	1957...	108,109	99,022	91.59	4,462	219,176	49.12
1952...	95,158	95,634	97.43	2,616	109,484	41.85	1958...	111,830	106,072	94.85	4,804	195,570	40.71
1953...	102,502	100,256	97.81	2,788	120,536	43.23							

<sup>1</sup> Beginning 1950, figures include bonds of International Bank for Reconstruction and Development. These bonds included also in computing average price of all listed bonds.

Source: New York Stock Exchange, New York, N. Y.; *Year Book*. Monthly data published by Department of Commerce, Office of Business Economics, in *Survey of Current Business*.

## No. 576.—SALES OF STOCKS AND BONDS ON ALL REGISTERED EXCHANGES: 1940 TO 1957

[All money figures in millions of dollars; number of shares of stock in millions. Stock sales include rights and warrants and cover actual volume of sales as distinguished from ticker or "reported" volume in table 577]

YEAR	ALL REGISTERED EXCHANGES						NEW YORK STOCK EXCHANGE			
	Market value of all sales	Stocks		Bonds		Market value of all sales	Stocks		Bonds	
		Shares	Market value	Par value	Market value		Shares	Market value	Par value	Market value
1940.....	9,726	377	8,412	2,081	1,314	8,228	285	7,171	1,760	1,053
1945.....	18,112	767	16,270	2,691	1,842	15,190	507	13,474	2,509	1,716
1950.....	22,840	892	21,802	1,278	1,038	19,735	682	18,735	1,228	1,000
1951.....	22,127	868	21,302	955	825	19,013	643	18,215	915	797
1952.....	18,179	732	17,388	899	791	15,531	522	14,761	868	769
1953.....	17,488	716	16,708	909	781	15,010	520	14,250	875	760
1954.....	29,156	1,053	28,130	1,121	1,026	25,267	749	24,264	1,089	1,003
1955.....	39,261	1,320	38,029	1,261	1,231	34,038	910	32,830	1,226	1,207
1956.....	36,360	1,182	35,133	1,253	1,227	31,064	784	29,855	1,229	1,209
1957.....	33,360	1,292	32,206	1,253	1,154	28,086	914	27,547	1,235	1,140

Source: Securities and Exchange Commission; *Statistical Bulletin*, published monthly.

## No. 577.—SALES ON NEW YORK STOCK EXCHANGE—VOLUME: 1910 TO 1957

[See also *Historical Statistics, 1789-1945*, series N 228-232]

YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (millions of dollars) <sup>2</sup>				YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (millions of dollars) <sup>2</sup>			
		Total	Corporate	U. S. Government	State, municipal, foreign			Total <sup>3</sup>	Corporate	U. S. Government	State, municipal, foreign <sup>3</sup>
1910.....	164	635	592	(4)	43	1946.....	364	1,364	1,265	19	81
1915.....	173	951	907	3	51	1947.....	254	1,076	970	3	102
1920.....	227	3,077	827	2,861	289	1948.....	295	1,014	925	1	87
1925.....	454	3,354	2,332	391	631	1949.....	271	818	725	(4)	93
1929.....	1,125	2,982	2,182	142	658	1950.....	525	1,112	1,008	2	103
1930.....	810	2,764	1,927	116	721	1951.....	444	824	730	2	92
1932.....	425	2,907	1,642	570	755	1952.....	338	773	693	(4)	80
1933.....	655	3,399	2,099	501	769	1953.....	355	776	683	(4)	93
1935.....	382	3,339	2,287	674	378	1954.....	573	980	866	(4)	124
1940.....	208	1,669	1,414	39	216	1955.....	650	1,046	962	(4)	84
1944.....	263	2,695	2,585	6	104	1956.....	556	1,069	1,013	(4)	56
1945.....	378	2,262	2,148	8	106	1957.....	560	1,082	1,031	(4)	50

<sup>1</sup> Data cover ticker or "reported" volume which excludes odd-lots, stopped sales, private sales, split openings, crossed transactions, and errors of omission. Totals are therefore less than the actual volume shown in table 576.

<sup>2</sup> Exclusive of stopped sales.

<sup>3</sup> Beginning July 1947, includes bonds of the International Bank for Reconstruction and Development.

<sup>4</sup> Less than \$500,000.

Source: *Commercial and Financial Chronicle*, New York, N. Y.

## No. 578.—SECURITIES—SALES EFFECTED ON SECURITIES EXCHANGES: 1951 to 1957

[In thousands. Value and volume of sales effected on registered securities exchanges are reported in connection with fees paid under sec. 31 of the Securities Exchange Act of 1934. For most exchanges, figures represent transactions cleared during year]

EXCHANGE	Total market value	STOCKS <sup>1</sup>		BONDS <sup>2</sup>		RIGHTS AND WARRANTS	
		Market value	Number of shares	Market value	Principal amount	Market value	Number of units
1951.....	\$22,127,166	\$21,256,671	786,132	\$825,006	\$955,294	\$45,489	76,650
1952.....	18,178,365	17,327,702	626,922	781,442	899,125	59,221	104,601
1953.....	17,488,453	16,660,515	633,532	780,782	909,032	47,155	82,128
1954.....	29,156,725	28,075,114	993,876	1,026,318	1,121,048	55,294	58,987
1955.....	39,200,611	37,868,054	1,212,369	1,231,372	1,261,459	161,185	108,017
1956.....	36,359,779	35,018,892	1,083,789	1,226,986	1,252,598	113,902	97,873
1957.....							
All registered exchanges.....	33,360,273	32,059,020	1,070,093	1,154,256	1,252,794	146,997	222,332
American.....	2,376,051	2,315,383	224,738	14,111	16,688	46,557	9,756
Boston.....	245,189	245,065	5,100	5	5	99	130
Cincinnati.....	24,694	24,061	544	237	451	396	280
Detroit.....	134,677	134,597	4,583			81	401
Midwest.....	866,143	864,754	25,901	10	13	1,378	4,263
New Orleans.....	1,448		74				
New York Stock.....	28,686,335	27,450,748	714,451	1,139,573	1,235,240	99,014	199,711
Pacific coast.....	651,284	650,011	32,362	34	26	1,239	2,901
Philadelphia-Baltimore.....	323,257	321,741	7,868	285	370	1,231	4,820
Pittsburgh.....	39,829	39,828	1,613			1	2
Salt Lake.....	3,963	3,951	27,348			1	7
San Francisco Mining.....	5,831	5,831	24,404				
Spokane.....	574	574	1,101				
All exempted exchanges.....	8,842	8,747	573	13	15	82	24
Colorado Springs.....	21	21	43				
Honolulu.....	7,747	7,651	499	13	15	82	24
Richmond.....	637	637	19				
Wheeling.....	438	438	12				

<sup>1</sup> Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks.

<sup>2</sup> Includes certificates of deposit for bonds. Excludes U. S. Government bonds.

Source: Securities and Exchange Commission.

## No. 579.—SELECTED DEBIT AND CREDIT BALANCES OF STOCK EXCHANGE FIRMS CARRYING MARGIN ACCOUNTS: 1940 TO 1956

[In millions of dollars. As of end of December. Data relate to member firms of New York Stock Exchange carrying margin accounts. Figures derived from money balances as shown by ledger and exclude value of securities carried for customers or owned by firms]

YEAR	DEBIT BALANCES				CREDIT BALANCES				
	Customers' debit balances (net) <sup>1</sup>	Debit balances in investment and trading accounts of—		Cash on hand and in banks	Money borrowed <sup>2</sup>	Customers' credit balances <sup>1</sup>	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (net)
		Partners	Firm				Partners	Firm	
1940.....	677	12	99	204	427	335	22	5	
1945.....	1,138	12	413	313	795	766	29	13	247
1950.....	1,356	9	399	397	745	1,120	36	12	299
1951.....	1,292	12	392	378	695	1,075	42	11	314
1952.....	1,362	8	406	343	920	924	35	9	315
1953.....	1,694	8	404	297	1,170	917	28	31	313
1954.....	2,443	11	626	348	1,616	1,310	53	65	401
1955.....	2,830	18	707	331	2,345	1,116	44	27	462
1956.....	2,866	20	563	336	2,195	1,107	36	37	471

<sup>1</sup> Excludes balances of member firms of New York Stock Exchange and other national securities exchanges, and of firms' own partners.

<sup>2</sup> Comprises money borrowed from banks and from other lenders (excluding member firms of national securities exchanges).

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 580.—BOND AND STOCK PRICES: 1930 TO 1957

[See also *Historical Statistics, 1789-1945*, series N 212-214]

CLASS	1930	1935	1940	1945	1950	1955	1956	1957
<b>BOND PRICES</b> (dollars per \$100 bond)								
U. S. Government <sup>1</sup> .....				102.0	102.5	96.0	93.0	90.6
Standard and Poor's Corp.: Municipal (15 bonds) <sup>2</sup> .....	99.0	108.6	123.6	139.6	133.4	123.1	116.3	105.9
Corporate, high grade (21 bonds, A1+ issues) <sup>3</sup> .....	90.85	105.5	116.3	121.6	121.9	114.4	100.1	101.3
<b>STOCK PRICES</b> (dollars per share, except indexes)								
Standard and Poor's Corp.: Preferred (14 stocks) <sup>4</sup> .....	141.5	151.4	169.2	189.1	181.7	174.8	165.3	151.4
Common (index, 1941-43=10): <sup>5</sup> Total (500 stocks).....	21.03	10.00	11.02	15.16	18.40	40.49	46.62	44.38
Industrial (425 stocks).....	16.42	10.13	10.69	14.72	18.33	42.40	49.80	47.63
Railroad (25 stocks).....	30.82	11.78	9.41	18.21	15.53	32.94	33.65	28.11
Public utility (50 stocks).....	53.24	15.15	15.05	16.84	19.96	31.37	32.25	32.19
Dow-Jones and Co. Inc.: <sup>6</sup> Total (65 stocks).....	95.64	41.97	45.28	63.72	77.69	161.34	174.54	164.83
Industrial (30 stocks).....	236.34	120.00	134.74	169.82	216.31	442.72	493.01	475.71
Railroad (20 stocks).....	133.13	33.83	28.50	56.56	60.72	155.04	163.02	134.97
Public utility (15 stocks) <sup>7</sup> .....	85.80	22.15	22.61	32.15	41.29	64.27	60.80	69.60
Moody's per share, monthly average: <sup>8</sup> Total (200 stocks) <sup>9</sup> .....	65.90	32.44	33.84	46.02	56.23	117.36	130.55	125.46
Industrial (125 stocks).....	49.26	30.09	31.76	43.94	57.83	130.66	149.41	143.65
Railroad (25 stocks).....	90.77	26.18	20.16	39.94	33.60	70.21	71.56	59.51
Public utility (24 stocks).....	107.67	27.20	25.64	26.29	31.23	49.24	49.62	49.42
Securities and Exchange Comm.: <sup>10</sup> Common (index, 1939=100): Total (265 stocks).....				94	131	154	305	345
Manufacturing (170 stocks).....			93	129	166	374	439	422
Durable (98 stocks).....			93	129	150	352	410	391
Nondurable (72 stocks).....			94	129	180	394	465	451
Transportation (21 stocks).....			99	190	160	320	327	275
Public utility (29 stocks).....			100	113	109	153	156	156
Trade, finance, and service (31 stocks).....			90	149	134	207	306	277
Mining (14 stocks).....			76	114	144	313	358	342

<sup>1</sup> Straight average of market prices of all taxable marketable bonds due or callable in 15 years and over for data through 1950, in 12 years and over for January-September 1955, and in 10 to 20 years beginning October 1955.

<sup>2</sup> Prices derived from average yields on basis of a 4 percent 20-year bond based on Wednesday closing prices.

<sup>3</sup> Based on composite of data (including industrial, utility, and railroad) and are a conversion of yield indexes, based on yield to maturity of each bond and assuming a 4-percent coupon with 20 years to maturity. From April 1937 to date, prices are averages of weekly data for A1+ bonds (17 to 21 bonds represented); from January 1930 to March 1937, data are based on a varying group of A1+ bonds, one price monthly (first of month) being used.

<sup>4</sup> Prices derived from averages of median yields on noncallable high-grade stocks on basis of a \$7 annual dividend. Data from Board of Governors, Federal Reserve System.

<sup>5</sup> Based on daily closing prices; indexes weighted by number of shares of each stock outstanding in base period, with adjustment when necessary to offset changes in capitalization. Number of stocks represents number currently used; continuity of series not affected by change in number.

<sup>6</sup> Averages of daily closing figures. Changes have been made in stocks used at various times. However, the number of stocks has remained constant except for public utilities (see footnote 7).

<sup>7</sup> For 20 stocks prior to June 2, 1938.

<sup>8</sup> Based on prices end of month. 200 stocks used represent for the most part, an identical list, except in public utility group, which is a continuous series composed of 24 electric utilities (representing combined holding and operating electric companies prior to 1942 and operating electric companies thereafter). Data for A. T. & T. Co., included in figures for 200 stocks; excluded from utilities in order to show more clearly the trend for electric operating companies.

<sup>9</sup> Includes also 15 banks and 10 insurance stocks and 1 additional public utility stock (see footnote 8).

<sup>10</sup> Averages of weekly closing prices. Number of stocks represents number currently used.

Source: Department of Commerce, Office of Business Economics (except as noted); *Survey of Current Business*. (For original sources see table stub.)

## No. 581.—BOND AND STOCK YIELDS—PERCENT: 1930 TO 1957

[See also *Historical Statistics, 1789-1945*, series N 197-200, 203-205].

CLASS	1930	1935	1940	1945	1950	1955	1956	1957
<b>BONDS</b>								
U. S. Government <sup>1</sup> .....				2.37	2.32	2.84	3.08	3.47
Municipal (Standard & Poor's Corp., 15 bonds).....	4.07	3.40	2.50	1.67	1.98	2.53	2.93	3.60
Municipal (Bond Buyer, 20 bonds).....	4.12	3.38	2.52	1.49	1.90	2.49	2.80	3.28
Corporate (Moody's Investors' Service), by type: <sup>2</sup>								
Total (110 bonds).....	5.09	4.46	3.55	2.87	2.86	3.25	3.57	4.21
Industrial (36 bonds).....	5.25	4.02	3.10	2.68	2.67	3.19	3.50	4.12
Railroad (34 bonds).....	4.96	4.95	4.30	3.06	3.10	3.34	3.65	4.32
Public utility (40 bonds).....	5.05	4.43	3.25	2.89	2.82	3.22	3.54	4.18
Corporate, by years to maturity: <sup>3</sup>								
5 years.....	4.40	2.37	1.28	1.53	<sup>4</sup> 1.90	<sup>4</sup> 2.70	2.78	<sup>4</sup> 3.50
10 years.....	4.40	3.00	1.95	2.14	2.30	2.80	2.86	3.50
20 years.....	4.40	3.37	2.55	2.55	2.48	2.95	2.99	<sup>4</sup> 3.50
50 years <sup>5</sup> .....	4.40	3.50	<sup>4</sup> 2.70	<sup>4</sup> 2.55	<sup>4</sup> 2.63	3.10	3.17	3.78
<b>STOCKS</b>								
Preferred (Standard & Poor's Corp., 14 stocks) <sup>6</sup> .....	4.95	4.63	4.14	3.70	3.85	4.01	4.25	4.63
Common (Moody's Investors' Service): <sup>7</sup>								
Total (200 stocks) <sup>8</sup> .....	4.5	4.1	5.3	4.2	6.3	4.1	4.1	4.3
Industrial (125 stocks).....	4.9	3.5	5.3	4.0	6.5	3.9	3.9	4.1
Railroad (25 stocks).....	5.6	4.0	5.4	5.5	6.5	4.9	5.5	6.8
Public utility (24 stocks).....	3.5	5.1	6.0	5.0	5.7	4.5	4.7	4.9

<sup>1</sup> Through 1950, average yields on taxable bonds due or callable after 15 years; beginning 1955, on those due or callable in 10 years or more.

<sup>2</sup> Number of issues as of Dec. 1, 1957; number varies for earlier years.

<sup>3</sup> Estimated yields prevailing on highest grade issues in first quarter of each year prior to 1951 and in February only beginning 1951. Data from National Bureau of Economic Research.

<sup>4</sup> More than usually liable to error.

<sup>5</sup> Represents bonds of 40 years to maturity beginning 1945.

<sup>6</sup> Based currently on 14 stocks (15 in earlier years through March 1948). Yield currently determined from average of 8 median yields (9 median in earlier years). Issues converted to a price equivalent to \$100 par and a 7 percent annual dividend before averaging.

<sup>7</sup> Yields are obtained by dividing the average per-share dividend by the average per-share price in each group.

<sup>8</sup> Includes also 15 bank and 10 insurance stocks, and 1 additional public utility (see footnote 8, table 580).

Source: Department of Commerce, Office of Business Economics (except as noted); *Survey of Current Business*.

## No. 582.—DIVIDENDS PER SHARE (ANNUAL RATES) FOR 200 COMMON STOCKS: 1930 TO 1957

YEAR	Total, 200 stocks <sup>1</sup>	Industrial, 125 stocks	Public utility, 24 stocks	Railroad, 25 stocks	Bank, 15 stocks	Insurance, 10 stocks
1930.....	\$2.93	\$2.38	\$3.55	\$4.95	\$4.69	\$2.32
1935.....	1.30	1.05	1.32	1.03	2.24	1.24
1940.....	1.78	1.67	1.54	1.08	2.08	1.62
1945.....	1.92	1.75	1.30	2.19	2.00	1.62
1946.....	2.02	1.85	1.43	2.19	2.20	1.83
1947.....	2.38	2.33	1.56	1.92	2.32	1.88
1948.....	2.74	2.78	1.60	2.06	2.33	1.88
1949.....	3.09	3.19	1.66	2.41	2.36	2.06
1950.....	3.53	3.77	1.76	2.18	2.50	2.46
1951.....	4.09	4.44	1.88	2.56	2.64	2.73
1952.....	3.94	4.20	1.91	2.72	2.65	2.88
1953.....	4.00	4.19	2.01	3.06	2.83	3.10
1954.....	4.23	4.46	2.13	3.16	3.04	3.35
1955.....	4.75	5.13	2.21	3.43	3.19	3.49
1956.....	5.31	5.81	2.32	3.94	3.39	3.93
1957.....	5.43	5.91	2.43	4.03	3.61	4.01

<sup>1</sup> Includes American Telephone and Telegraph Co. stock; excluded from "public utility."

Source: Moody's Investors' Service, New York, N. Y. Monthly data published by Department of Commerce, Office of Business Economics, in *Survey of Current Business*.



**No. 583.—SECURITIES—NEW SECURITIES OFFERED FOR CASH SALE, BY TYPE AND ISSUER: 1935 TO 1957**

[In millions of dollars. Estimated gross proceeds are derived by multiplying principal amounts or number of units by offering prices, except for municipal issues where principal amount is used. Covers substantially all new issues of securities offered for cash sale in United States in amounts over \$100,000 and with terms of maturity of more than 1 year. Includes issues privately placed, publicly offered, unregistered issues, and those registered under Securities Act of 1933]

SECURITY AND ISSUER	1935	1940	1945	1950	1954	1955	1956	1957 (prel.)
<b>TYPE OF SECURITY</b>								
All types.....	6,683	6,564	54,712	19,893	29,765	26,772	22,405	30,597
Corporate.....	2,332	2,677	6,011	6,361	9,516	10,240	10,939	12,941
Noncorporate.....	4,352	3,887	48,701	13,532	20,249	16,532	11,467	17,656
Bonds, debentures, and notes.....	6,576	6,273	53,556	18,451	27,736	23,952	19,469	27,691
Corporate.....	2,225	2,386	4,855	4,920	7,488	7,420	8,002	10,095
Noncorporate.....	4,352	3,887	48,701	13,532	20,249	16,532	11,467	17,656
Preferred stock.....	86	183	758	681	816	635	636	408
Common stock.....	22	108	397	811	1,213	2,185	2,301	2,497
<b>ISSUER</b>								
Corporate.....	2,332	2,677	6,011	6,361	9,516	10,240	10,939	12,941
Manufacturing <sup>1</sup> .....	797	992	2,026	1,200	2,268	2,994	3,647	4,238
Mining <sup>1</sup> .....					539	415	456	293
Electric, gas, and water <sup>1</sup> .....	1,284	1,203	2,319	2,649	3,713	2,464	2,529	3,922
Communication <sup>1</sup> .....				399	720	1,132	1,419	1,464
Railroad.....	126	324	1,454	554	479	548	382	344
Other transportation <sup>1</sup> .....				259	345	345	342	498
Real estate and financial.....	125	159	211	747	1,076	1,890	1,856	1,791
Commercial and other <sup>1</sup> .....				553	422	443	307	391
Noncorporate.....	4,352	3,887	48,701	13,532	20,249	16,532	11,467	17,656
U. S. Government (including issues guaranteed).....	2,938	2,517	47,353	9,687	12,532	9,628	5,517	9,601
Federal agency (issues not guaranteed).....	116	109	506	30	458	746	169	572
State and municipal.....	1,232	1,238	795	3,532	6,969	5,977	5,446	6,925
Foreign government.....	59	0	45	263	245	150	300	2 500
Nonprofit institutions.....	8	24	2	20	45	32	34	52

<sup>1</sup> For 1935-1945, Commercial and other included with Manufacturing, and Communication and Other transportation included with Electric, gas, and water. Prior to 1954, Mining included with Commercial and other.

<sup>2</sup> Includes International Bank as follows: 1950, \$101 million; 1954, \$100 million; 1957, \$221 million.

Source: Securities and Exchange Commission; *Annual Report*. Monthly data published in *Statistical Bulletin*

**No. 584.—U. S. PURCHASES OF FOREIGN CAPITAL ISSUES (GOVERNMENTAL AND CORPORATE) PUBLICLY OFFERED IN THE U. S.: 1930 TO 1957**

[Amounts in thousands of dollars. Excludes privately taken issues and small issues for which data are not available. Excludes issues of U. S. possessions after 1945]

YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital	YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital
1930.....	121	1,087,560	182,227	905,333	1950.....	9	217,611	184,751	32,860
1935.....	11	73,988	9,958	64,030	1951.....	18	483,720	19,500	464,220
1940.....	3	2,125	2,125	2,125	1952.....	15	316,287	-----	316,287
1945.....	8	70,600	60,600	10,000	1953.....	11	314,315	-----	314,315
1946.....	8	135,400	127,800	7,600	1954.....	17	356,393	6,857	349,536
1947.....	13	406,300	130,800	275,500	1955.....	17	156,862	-----	156,862
1948 <sup>1</sup> .....					1956.....	16	346,481	-----	346,481
1949.....	1	97,500	50,832	46,668	1957 (prel.).....	28	669,615	12,831	656,784

<sup>1</sup> As a result of previous repatriations and purchases by investors of other countries these figures include, especially in 1930, substantial amounts of bonds not held in United States at time of their redemption.

<sup>2</sup> No issues.

Source: Department of Commerce, Office of Business Economics.

## No. 585.—CAPITAL ISSUES—SUMMARY, BY CLASSES: 1920 TO 1956

[In millions of dollars. Data cover domestic and foreign issues in United States. Preferred stocks of no par value and all common stocks are taken at offering price, other issues at par. Privileged stock subscriptions included in figures and issues of less than \$100,000. See also *Historical Statistics, 1789-1945*, series N 221-227]

YEAR	Total issues	New capital	Refund- ing	TOTAL ISSUES, BY KINDS						
				Corporate				Farm- loan and Govt. agencies	State and municip- al <sup>2</sup>	Foreign government
				Rail- roads	Public utilities	Indus- trial <sup>1</sup>	Miscel- laneous			
1920.....	4,010.0	3,634.8	375.2	377.9	496.8	1,627.6	464.0	-----	699.5	344.3
1925.....	7,126.0	6,220.2	905.9	614.7	1,710.0	1,270.2	1,243.2	188.2	1,408.4	791.3
1929.....	11,592.2	10,182.8	1,409.4	817.2	2,442.8	2,459.8	4,306.6	-----	1,435.7	130.1
1930.....	7,677.0	7,023.4	653.7	1,026.5	2,566.2	1,151.9	728.6	86.5	1,497.6	619.6
1935.....	4,762.3	1,412.1	3,340.2	196.7	1,283.8	706.5	80.4	1,137.1	1,231.8	116.0
1940.....	4,805.9	1,950.5	2,855.4	372.3	1,274.1	764.2	352.0	804.3	1,239.0	-----
1941.....	5,545.9	2,853.9	2,692.0	365.3	1,383.0	675.5	195.0	1,969.0	954.1	4.0
1942.....	2,114.5	1,075.1	1,039.4	48.6	467.2	490.1	36.6	548.2	523.7	-----
1943.....	2,228.2	643.5	1,584.7	152.4	399.1	503.2	26.1	622.1	435.2	90.0
1944.....	4,285.9	936.4	3,359.5	622.8	1,384.3	1,005.7	168.3	433.2	660.6	21.1
1945.....	8,046.2	1,774.7	6,271.5	1,507.7	2,397.4	1,906.0	447.5	937.9	799.7	50.0
1946.....	8,728.0	4,643.9	4,084.0	729.9	2,114.6	3,146.0	661.6	861.2	1,161.3	53.5
1947.....	9,752.8	7,688.4	2,064.5	269.7	3,122.8	2,377.5	548.0	661.2	2,327.9	445.8
1948.....	10,453.0	9,318.0	1,135.0	627.0	3,016.9	2,034.4	820.2	1,062.2	2,692.4	150.0
1949.....	9,832.8	8,240.0	1,592.8	475.5	2,886.6	1,644.6	594.7	1,176.2	2,939.2	116.0
1950.....	11,067.3	8,346.7	2,720.6	492.4	3,090.7	1,463.6	840.3	1,385.7	3,552.4	242.2
1951.....	12,577.0	10,317.5	2,259.5	331.4	3,017.3	2,968.9	547.5	2,066.2	3,193.8	451.9
1952.....	15,455.6	12,717.6	2,738.0	530.9	3,265.4	4,219.1	642.4	2,146.4	4,327.9	323.0
1953.....	15,393.9	13,910.8	1,473.0	305.7	3,690.7	2,367.1	1,704.4	1,461.7	5,568.5	285.9
1954.....	17,586.6	13,993.5	3,593.1	482.9	4,099.9	2,606.2	1,474.4	1,720.7	6,954.7	247.8
1955.....	17,985.3	15,146.1	2,839.2	631.8	3,330.8	3,281.3	2,030.9	2,696.6	5,975.3	138.6
1956.....	18,381.8	15,328.9	3,052.9	382.2	3,734.6	3,778.5	1,608.1	3,279.3	5,326.8	274.3

YEAR	CORPORATE ISSUES BY CLASS OF SECURITY				YEAR	CORPORATE ISSUES BY CLASS OF SECURITY			
	Total	Long- term bonds and notes	Short- term bonds and notes	Stocks		Total	Long- term bonds and notes	Short- term bonds and notes	Stocks
1920.....	2,966.3	1,234.4	660.8	1,071.1	1946.....	6,652.1	4,532.1	38.3	2,081.7
1925.....	4,738.1	3,040.2	385.9	1,311.0	1947.....	6,317.9	4,731.1	70.7	1,516.1
1929.....	10,026.4	2,842.3	262.6	6,921.4	1948.....	6,548.4	5,600.9	7.4	940.1
1930.....	5,473.8	3,248.0	657.0	1,568.8	1949.....	5,601.4	4,567.8	7.9	1,025.6
1935.....	2,267.4	2,066.1	50.5	150.8	1950.....	5,886.9	4,417.9	177.4	1,291.6
1940.....	2,762.6	2,366.1	38.6	327.9	1951.....	6,865.1	5,058.0	6.2	1,800.9
1941.....	2,618.8	2,276.6	43.1	299.1	1952.....	8,657.9	6,820.0	38.5	1,799.4
1942.....	1,042.5	908.4	4.7	129.4	1953.....	8,067.8	6,227.6	221.1	1,619.1
1943.....	1,080.9	869.1	38.0	173.8	1954.....	8,663.4	6,714.0	129.5	1,819.9
1944.....	3,181.1	2,655.7	13.6	511.9	1955.....	9,274.8	6,625.0	101.2	2,548.6
1945.....	6,258.6	4,891.4	46.4	1,320.7	1956.....	9,501.5	6,939.9	25.9	2,535.6

<sup>1</sup> Comprises the following classifications given in original detailed statements: Iron, steel, coal, copper, etc., equipment manufacturers, motors and accessories, oil, rubber, and miscellaneous industrials.

<sup>2</sup> Comprises bonds issued by States, Territories and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies. Beginning 1935, excludes funds obtained by States and municipalities from any agency of Federal Government.

Source: *Commercial and Financial Chronicle*, New York, N. Y.

**No. 586.—INTENDED APPLICATION OF PROCEEDS FROM NEW ISSUES OF CORPORATE SECURITIES OFFERED FOR CASH SALE IN THE UNITED STATES: 1940 TO 1957**

[In millions of dollars. Estimated net proceeds represent amount received by issuer after payment of compensation to distributors and other costs of flotation]

INTENDED APPLICATION	1940	1945	1950	1953	1954	1955	1956	1957 (prel.)
<b>ALL ISSUES</b>								
Estimated gross proceeds <sup>1</sup> .....	2,677	6,011	6,361	8,898	9,516	10,240	10,939	12,941
Bonds and notes.....	2,386	4,855	4,920	7,083	7,488	7,420	8,002	10,035
Preferred stock.....	183	758	631	489	816	635	636	408
Common stock.....	108	397	811	1,326	1,213	2,185	2,301	2,497
Estimated net proceeds.....	2,615	5,902	6,261	8,755	9,365	10,049	10,749	12,721
New money.....	569	1,080	4,006	7,960	6,780	7,957	9,663	11,830
Plant and equipment.....	424	638	2,966	5,647	5,110	5,333	6,709	8,995
Working capital.....	145	442	1,041	2,313	1,670	2,624	2,954	2,835
Retirements.....	1,854	4,555	1,271	260	1,875	1,227	364	248
Other purposes.....	192	267	984	535	709	864	721	643
<b>MANUFACTURING <sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup> .....	992	2,026	1,200	2,254	2,268	2,994	3,647	4,238
Estimated net proceeds.....	961	1,969	1,175	2,218	2,234	2,930	3,579	4,159
New money.....	167	811	688	1,915	1,839	2,021	2,944	3,773
Plant and equipment.....	82	461	313	1,325	1,009	1,265	1,928	2,726
Working capital.....	85	350	375	590	829	756	1,016	1,047
Retirements.....	738	1,010	149	90	190	533	243	62
Other purposes.....	56	148	338	213	206	376	391	323
<b>ELECTRIC, GAS, AND WATER <sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup> .....	1,203	2,319	2,649	3,029	3,713	2,464	2,529	3,922
Estimated net proceeds.....	1,180	2,291	2,608	2,972	3,665	2,428	2,487	3,857
New money.....	245	69	1,728	2,756	2,598	2,218	2,410	3,639
Plant and equipment.....	229	61	1,711	2,737	2,582	2,206	2,395	3,627
Working capital.....	16	9	17	19	15	12	15	12
Retirements.....	622	2,159	682	67	990	174	14	56
Other purposes.....	13	63	199	149	77	36	64	162
<b>TRANSPORTATION <sup>3</sup></b>								
Estimated gross proceeds <sup>1</sup> .....	324	1,454	813	595	779	893	724	842
Estimated net proceeds.....	319	1,436	805	589	771	882	714	834
New money.....	115	115	544	532	480	453	688	806
Plant and equipment.....	113	115	524	505	469	435	664	791
Working capital.....	1	0	21	27	10	18	24	15
Retirements.....	186	1,320	196	36	270	338	20	14
Other purposes.....	18	( <sup>4</sup> )	65	21	21	91	6	14
<b>COMMUNICATION <sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup> .....	-----	-----	399	882	720	1,132	1,419	1,464
Estimated net proceeds.....	-----	-----	385	874	711	1,121	1,405	1,446
New money.....	-----	-----	304	861	641	1,040	1,371	1,430
Plant and equipment.....	-----	-----	300	842	639	1,038	1,370	1,429
Working capital.....	-----	-----	4	19	2	2	2	( <sup>4</sup> )
Retirements.....	-----	-----	81	3	60	77	21	3
Other purposes.....	-----	-----	10	10	9	5	13	13
<b>FINANCIAL AND REAL ESTATE (EXCL. INVESTMENT COMPANIES)</b>								
Estimated gross proceeds <sup>1</sup> .....	159	211	747	1,576	1,076	1,899	1,856	1,791
Estimated net proceeds.....	155	206	739	1,561	1,061	1,868	1,832	1,765
New money.....	42	85	480	1,452	619	1,606	1,703	1,639
Plant and equipment.....	( <sup>4</sup> )	1	24	32	30	33	39	102
Working capital.....	42	84	456	1,420	590	1,573	1,664	1,537
Retirements.....	9	65	100	24	273	56	17	64
Other purposes.....	104	56	159	84	169	206	111	62
<b>COMMERCIAL AND OTHER <sup>2</sup></b>								
Estimated gross proceeds <sup>1</sup> .....	-----	-----	553	562	960	859	763	684
Estimated net proceeds.....	-----	-----	538	542	923	820	732	661
New money.....	-----	-----	262	444	603	620	545	544
Plant and equipment.....	-----	-----	94	206	380	355	313	320
Working capital.....	-----	-----	168	238	223	264	232	224
Retirements.....	-----	-----	63	40	93	51	51	49
Other purposes.....	-----	-----	213	58	228	149	136	68

<sup>1</sup> Derived by multiplying principal amounts or numbers of units by offering prices.

<sup>2</sup> For 1940 and 1945, Commercial and other was included in Manufacturing, and Communication and Other transportation (see footnote 3) in Electric, gas, and water. Mining in Commercial and other.

<sup>3</sup> Railroad only for 1940 and 1945.

<sup>4</sup> Less than \$500,000.

Source: Securities and Exchange Commission; *Annual Report*. Monthly data published in *Statistical Bulletin*.

No. 587.—STOCK OWNERSHIP—INDIVIDUAL SHAREOWNERS, BY SEX, AGE, INCOME,  
EDUCATION, AND CITY SIZE: 1952 AND 1956

[In thousands. Represents all publicly owned issues of common and preferred stocks. Data for 1952 are from the Brookings Institution study based on a national probability sample of 5,000 families; includes only those Armed Forces who were members of family groups. 1956 figures are based on a national probability sample of 4,000 households (see source for sampling variability); includes most members of the Armed Forces, citizens living abroad, and minor children. Duplication was eliminated from the 1956 data by segmentizing and sampling stockholder lists]

SUBJECT	1952	1956	SUBJECT	1952	1956
<b>Total</b> .....	6,490	8,630	<b>Education:</b>		
<b>Sex:</b>			8th grade or less.....*	1,230	620
Male.....	3,260	4,175	High school:		
Female.....	3,230	4,455	1 to 3 years.....	630	950
			4 years.....	1,840	2,750
<b>Age:</b>			College:		
21 to 34 years.....	( <sup>1</sup> )	2,230	1 to 3 years.....	1,330	1,540
35 to 44 years.....	( <sup>1</sup> )	1,240	4 years or more.....	1,800	2,420
45 to 54 years.....	( <sup>1</sup> )	1,700	Not reported.....	160	350
55 to 64 years.....	( <sup>1</sup> )	2,020	<b>City size groups:</b>		
65 years and over.....	( <sup>1</sup> )	1,090	500,000 and over.....	1,320	1,650
Not reported.....	( <sup>1</sup> )	350	100,000 to 500,000.....	1,520	1,320
<b>Income:</b>			25,000 to 100,000.....	870	1,160
Under \$3,000.....	630	960	10,000 to 25,000.....	580	1,110
\$3,000 to \$5,000.....	1,420	2,160	2,500 to 10,000.....	570	1,480
\$5,000 to \$7,500.....	4,440	2,190	Rural areas (farm and nonfarm).....	1,630	1,500
\$7,500 and over.....		2,970	Unclassified.....		350
Not reported.....		350			

<sup>1</sup> Not available.

Source: New York Stock Exchange, New York, N. Y.; 1956 *Census of Shareowners—Who Owns American Business?*

No. 588.—STOCK OWNERSHIP—INDIVIDUAL SHAREOWNERS, BY STATES: 1956

[In thousands. See headnote, table 587]

STATE	Individual share-owners	STATE	Individual share-owners	STATE	Individual share-owners
<b>Total</b> .....	8,630	<b>West North Central—</b>		<b>West South Central</b> .....	292
<b>New England</b> .....	978	Continued		Arkansas.....	17
Maine.....	56	Missouri.....	178	Louisiana.....	64
New Hampshire.....	59	North Dakota.....	11	Oklahoma.....	51
Vermont.....	29	South Dakota.....	18	Texas.....	160
Massachusetts.....	531	Nebraska.....	36		
Rhode Island.....	84	Kansas.....	54	<b>Mountain</b> .....	203
Connecticut.....	219			Montana.....	20
<b>Middle Atlantic</b> .....	2,924	<b>South Atlantic</b> .....	722	Idaho.....	10
New York.....	1,699	Delaware.....	37	Wyoming.....	12
New Jersey.....	554	Maryland.....	144	Colorado.....	75
Pennsylvania.....	671	District of Columbia.....	57	New Mexico.....	10
<b>East North Central</b> .....	1,703	Virginia.....	120	Arizona.....	33
Ohio.....	317	West Virginia.....	58	Utah.....	23
Indiana.....	117	North Carolina.....	50	Nevada.....	11
Illinois.....	732	South Carolina.....	19		
Michigan.....	370	Georgia.....	65	<b>Pacific</b> .....	1,142
Wisconsin.....	167	Florida.....	172	Washington.....	77
<b>West North Central</b> .....	485	<b>East South Central</b> .....	155	Oregon.....	54
Minnesota.....	110	Kentucky.....	53	California.....	1,011
Iowa.....	78	Tennessee.....	57		
		Alabama.....	30	<b>Territories and posses-</b>	
		Mississippi.....	15	sions.....	8
				<b>Foreign countries (U. S.</b>	
				<b>citizens only)</b> .....	18

Source: New York Stock Exchange, New York, N. Y.; 1956 *Census of Shareowners—Who Owns American Business?*

# No. 589.—STOCK OWNERSHIP—PERCENT DISTRIBUTION OF SPENDING UNITS, BY INCOME, OCCUPATION, AND AGE: 1957

[As of date of interview in early part of year. For definition of spending unit, see headnote, table 400. Income as of 1956 before taxes. Comprises common and preferred stock of corporations open to investment by general public; excludes stock of privately held corporations]

ITEM	Number of sample cases	Per cent of sample cases	No stock owned <sup>1</sup>	STOCK OWNED							Amount not ascertained
				Total	Under \$500	\$500 to \$999	\$1,000 to \$4,999	\$5,000 to \$9,999	\$10,000 and over		
INCOME											
All spending units.....	3,041	100	89	11	2	1	3	1	3	1	
Under \$1,000.....	224	100	97	3	(2)	(2)	1	1	(2)	1	
\$1,000 to \$1,999.....	310	100	95	5	1	(2)	2	(1)	1	1	
\$2,000 to \$2,999.....	325	100	95	5	1	1	1	1	(2)	1	
\$3,000 to \$3,999.....	352	100	96	4	(2)	1	1	(1)	1	1	
\$4,000 to \$4,999.....	395	100	94	6	1	1	2	1	2	(2)	
\$5,000 to \$7,499.....	761	100	88	12	3	2	4	1	1	1	
\$7,500 to \$9,999.....	327	100	80	20	5	3	6	2	2	2	
\$10,000 and over.....	347	100	57	43	2	4	9	4	19	5	
OCCUPATION OF HEAD OF SPENDING UNIT											
Professional and semiprofessional.....	314	100	71	29	3	5	9	2	8	2	
Managerial.....	223	100	79	21	5	2	5	2	6	1	
Self-employed.....	261	100	80	20	1	2	5	4	6	2	
Clerical and sales.....	372	100	87	13	3	2	3	1	2	2	
Skilled.....	404	100	93	7	2	1	2	1	1	(2)	
Semiskilled.....	391	100	97	3	1	(2)	1	1	(2)	(2)	
Unskilled and service.....	287	100	97	3	(2)	1	2	(2)	(2)	(2)	
Farm operator.....	181	100	93	7	1	2	1	1	(2)	2	
AGE OF HEAD OF SPENDING UNIT											
18 to 24.....	271	100	96	4	3	1	(2)	(2)	(2)	(2)	
25 to 34.....	900	100	93	7	3	1	2	1	(2)	(2)	
35 to 44.....	686	100	89	11	1	1	4	1	2	2	
45 to 54.....	586	100	86	14	2	1	4	1	5	1	
55 to 64.....	433	100	84	16	1	2	2	3	5	2	
65 and over.....	420	100	89	11	(2)	1	3	1	4	2	

<sup>1</sup> Includes the less than 1 percent of spending units for which stock ownership was not ascertained.

<sup>2</sup> No cases reported or less than one-half of 1 percent.

Source: Board of Governors of the Federal Reserve System. Based on 1957 Survey of Consumer Finances, conducted for Board of Governors of the Federal Reserve System by Survey Research Center of University of Michigan.

## No. 590.—LIFE INSURANCE COMPANIES—DISTRIBUTION OF ASSETS: 1930 TO 1956 [In millions of dollars]

YEAR	ALL ASSETS		U. S. GOVERNMENT SECURITIES		ALL OTHER GOVERNMENT BONDS		SECURITIES OF BUSINESS AND INDUSTRY		MORTGAGES		REAL ESTATE		POLICY LOANS		MISCELLANEOUS ASSETS	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
1930..	18,880	100.0	355	1.9	1,147	6.1	5,448	28.8	7,598	40.2	548	2.9	2,807	14.9	977	5.2
1940..	30,802	100.0	5,938	19.3	2,509	8.2	9,250	30.1	5,972	19.4	2,085	6.7	3,091	10.0	1,977	6.3
1945..	44,797	100.0	20,583	45.9	1,962	4.4	11,059	24.7	6,630	14.8	857	1.9	1,962	4.4	1,738	3.9
1950..	64,020	100.0	13,459	21.0	2,607	4.1	25,403	39.7	16,102	25.1	1,445	2.2	2,413	3.8	2,591	4.1
1951..	68,278	100.0	11,009	16.1	2,658	3.8	28,204	41.4	19,314	28.3	1,631	2.4	2,590	3.8	2,872	4.2
1952..	73,398	100.0	10,262	14.0	2,522	3.4	31,646	43.1	21,257	29.0	1,904	2.6	2,716	3.7	3,091	4.2
1953..	78,744	100.0	9,887	12.6	2,605	3.3	34,665	44.0	23,341	29.6	2,020	2.6	2,922	3.7	3,304	4.2
1954..	84,745	100.0	9,144	10.8	3,032	3.6	37,524	44.3	26,071	30.8	2,312	2.7	3,145	3.7	3,517	4.1
1955..	90,636	100.0	8,652	9.5	3,195	3.5	39,648	43.8	28,819	31.8	3,275	3.6	3,301	3.7	3,746	4.1
1956..	96,305	100.0	7,654	8.0	3,492	3.6	41,623	43.2	33,129	34.4	2,816	2.9	3,535	3.7	4,056	4.2

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

## No. 591.—LIFE INSURANCE COMPANIES—SUMMARY: 1930 TO 1956

[Money figures in thousands of dollars. Figures for 1930-1950 shown on cash basis; thereafter, on accrual basis. Beginning 1950, includes accident and health business of life insurance companies]

ITEM	1930	1935	1940	1945	1950	1955	1956
Number of companies reporting.....	352	340	305	348	440	623	748
Income, total.....	4,593,973	5,072,095	5,657,842	7,673,987	11,057,123	16,227,815	17,587,062
Premium income.....	3,524,327	3,672,820	3,886,689	5,159,177	7,921,079	12,226,939	13,293,438
Investment income and other receipts.....	1,069,646	1,399,275	1,771,153	2,514,810	3,136,044	4,000,876	4,293,624
Disbursements, total <sup>2</sup> .....	3,198,537	3,502,956	3,914,024	4,188,089	6,867,343	15,492,319	16,795,463
Paid to policyholders and beneficiaries <sup>3</sup> .....	2,246,776	2,535,113	2,680,665	2,718,795	4,239,743	7,066,773	7,849,148
Operating expenses.....	631,802	741,862	801,069	918,000	1,697,676	2,536,789	2,850,209
Taxes.....		105,350	135,280	153,044	198,410	289,026	321,157
Other.....	208,042	200,249	278,899	398,250	731,514	982,071	1,088,905
Dividends to stockholders.....	21,917	10,382	18,111	30,481	82,548	113,281	122,054
Additions to reserves <sup>4</sup> .....	1,395,436	1,479,139	1,743,818	3,455,417	4,107,232	4,617,660	4,706,044
Assets.....	18,879,611	23,216,496	30,802,155	44,797,041	64,019,686	90,636,167	96,305,486
Liabilities.....		21,826,074	28,963,743	41,555,657	59,830,541	83,550,816	88,522,962
Special surplus funds.....	17,862,142	393,656	440,867	786,608	1,371,821	1,437,129	1,555,265
Capital and unassigned funds.....	1,017,470	996,766	1,307,545	2,454,776	3,267,323	5,648,221	6,227,259
Insurance account:							
Number of certificates in force at end of year.....	122,193,824	117,369,853	125,793,811	154,306,989	179,711,192	200,916,594	205,235,106
Amount written during year.....	19,019,790	14,138,619	12,892,079	16,432,947	37,143,605	68,931,710	78,188,022
Amount in force at end of year.....	107,948,278	100,730,415	117,794,384	155,722,778	242,017,831	388,451,298	431,976,676

<sup>1</sup> Includes \$732,338,808 accident and health for 1950, \$2,071,842,026 for 1955, and \$2,490,780,244 for 1956.

<sup>2</sup> Includes "Dividends to stockholders" for 1930, 1935, and 1940; excluded thereafter. See also footnote 4.

<sup>3</sup> Includes \$417,108,556 accident and health for 1950, \$1,377,126,044 for 1955, and \$1,651,751,807 for 1956.

<sup>4</sup> For 1930-1950, excess of income available for reserves. For 1955 and 1956, included in total disbursements.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

## No. 592.—LIFE INSURANCE IN FORCE: 1900 TO 1957

[In millions of dollars. As of December 31. Represents all life insurance in force on the lives of residents of U. S. whether issued by U. S. or foreign companies]

YEAR	Total amount	Ordinary	Group	Industrial	Credit <sup>1</sup>	YEAR	Total amount	Ordinary	Group	Industrial	Credit <sup>1</sup>
1900.....	7,573	6,124	-----	1,449	-----	1948.....	201,208	131,158	37,068	31,253	1,729
1905.....	11,863	9,585	-----	2,278	-----	1949.....	213,672	138,847	40,207	32,087	2,531
1910.....	14,908	11,783	-----	3,125	-----	1950.....	234,168	149,071	47,793	33,415	3,889
1915.....	21,029	16,650	100	4,279	-----	1951.....	253,140	159,054	54,398	34,870	4,818
1920.....	40,540	32,018	1,570	6,948	4	1952.....	276,591	170,795	62,913	36,448	6,435
1925.....	69,475	52,892	4,247	12,318	18	1953.....	304,259	184,859	72,913	37,781	8,706
1930.....	106,413	78,676	9,801	17,963	73	1954.....	333,719	198,419	86,395	38,664	10,241
1935.....	98,464	70,684	10,208	17,471	101	1955.....	372,332	216,600	101,300	39,682	14,750
1940.....	115,530	79,346	14,938	20,866	380	1956.....	412,630	238,099	117,324	40,109	17,098
1945.....	151,762	101,550	22,172	27,675	365	1957.....	458,359	264,678	133,794	40,139	19,748

<sup>1</sup> Insures borrower to cover loans in case of death.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume; and Institute of Life Insurance, New York, N. Y.; *Life Insurance Fact Book*.

## No. 593.—LIFE INSURANCE IN FORCE, BY STATES: 1956

[See headnote, table 592]

STATE	TOTAL		ORDINARY		GROUP		INDUSTRIAL		CREDIT <sup>1</sup>	
	Number of policies	Amount	Number of policies	Amount	Number of certificates	Amount	Number of policies	Amount	Number of policies <sup>2</sup>	Amount
Total	Thous. 260,544	Mil. \$412,630	Thous. 83,455	Mil. \$238,099	Thous. 34,918	Mil. \$117,324	Thous. 110,046	Mil. \$40,109	Thous. 32,125	Mil. \$17,098
Alabama	7,081	5,549	750	2,485	461	1,491	5,161	1,211	709	362
Arizona	854	1,794	343	1,167	137	407	193	75	181	145
Arkansas	1,452	2,018	385	1,205	121	425	752	250	194	138
California	15,634	34,480	5,677	19,522	3,889	12,098	4,392	1,806	1,676	1,054
Colorado	1,976	3,662	820	2,362	353	894	463	199	340	207
Connecticut	4,469	8,022	1,619	4,710	895	2,389	1,524	681	431	242
Delaware	831	1,365	242	760	97	387	387	150	105	68
Dist. of Columbia	1,988	3,267	441	1,512	507	1,359	826	274	214	122
Florida	7,359	7,923	1,452	4,622	393	1,318	4,314	1,405	1,200	578
Georgia	8,615	7,923	1,211	3,740	574	1,913	5,048	1,674	1,182	596
Idaho	446	975	254	693	71	209	45	16	76	57
Illinois	16,782	29,082	6,437	17,190	2,696	8,657	6,420	2,513	1,229	722
Indiana	7,672	11,522	2,429	6,018	971	3,735	3,074	1,174	1,198	595
Iowa	2,943	5,513	1,605	4,123	348	965	639	222	351	203
Kansas	2,530	4,484	1,186	2,993	292	1,000	732	281	320	210
Kentucky	4,331	4,797	1,010	2,575	334	1,157	2,406	819	581	246
Louisiana	5,639	5,600	726	2,663	407	1,476	3,489	1,007	1,017	454
Maine	1,182	1,778	429	1,163	142	338	402	170	209	107
Maryland	5,513	7,340	1,332	4,063	523	2,050	2,912	967	746	260
Massachusetts	8,592	13,315	2,769	7,791	998	3,491	3,852	1,598	973	435
Michigan	11,198	19,824	3,637	10,214	2,252	7,262	3,956	1,547	1,353	801
Minnesota	3,481	6,835	1,600	4,470	598	1,801	753	275	530	289
Mississippi	1,704	2,143	366	1,243	158	457	864	229	316	214
Missouri	6,729	9,968	2,312	5,900	878	2,591	2,718	1,039	821	438
Montana	534	1,211	283	848	80	263	61	21	110	79
Nebraska	1,504	2,835	812	2,091	156	465	301	110	235	169
Nevada	176	426	84	287	55	125	22	5	15	9
New Hampshire	901	1,361	325	898	85	238	354	148	137	77
New Jersey	10,030	18,508	3,928	11,189	1,377	5,197	4,238	1,815	487	307
New Mexico	569	1,255	238	804	92	317	167	78	72	56
New York	25,559	52,110	10,822	31,325	4,033	15,846	8,011	3,354	2,693	1,585
North Carolina	6,900	7,531	1,472	4,108	589	1,767	3,711	1,215	1,128	441
North Dakota	424	865	279	684	59	125	8	2	78	54
Ohio	15,496	26,167	5,244	14,386	2,144	8,265	6,945	2,755	1,163	761
Oklahoma	2,283	4,317	910	2,573	317	1,240	687	279	369	225
Oregon	1,459	3,340	677	2,223	300	862	207	77	275	178
Pennsylvania	23,039	32,078	7,239	18,002	2,520	8,954	10,411	3,953	2,869	1,169
Rhode Island	1,678	2,226	521	1,414	192	400	776	323	189	89
South Carolina	4,983	4,028	665	1,758	277	780	3,531	1,213	510	277
South Dakota	429	956	311	763	50	150	10	3	58	40
Tennessee	5,775	6,422	988	3,064	551	1,784	3,459	1,137	777	437
Texas	12,290	19,526	3,712	11,415	1,497	5,046	4,665	1,784	2,416	1,281
Utah	1,030	1,784	423	1,088	169	492	203	69	235	135
Vermont	478	775	207	544	43	123	156	65	72	43
Virginia	6,271	7,685	1,339	4,183	532	1,969	3,544	1,122	856	411
Washington	2,455	5,625	1,076	3,467	589	1,834	427	149	363	175
West Virginia	2,316	3,268	616	1,651	288	1,036	993	383	419	198
Wisconsin	4,724	8,541	2,107	5,729	794	2,030	1,222	462	601	320
Wyoming	240	611	145	421	34	146	15	5	46	39

<sup>1</sup> Insures borrower to cover loans in case of death.<sup>2</sup> Includes group credit certificates.Source: Institute of Life Insurance, New York, N. Y.; *Life Insurance Fact Book*.

# No. 594.—LIFE INSURANCE AND DISPOSABLE PERSONAL INCOME PER FAMILY: 1930 TO 1957

["Families" include families, subfamilies, and unrelated individuals; see definitions, p. 3]

YEAR	Dispos- able per- sonal income per family	LIFE INSURANCE			Ratio of pre- miums <sup>1</sup> to dis- posable per- sonal income	YEAR	Dispos- able per- sonal income per family	LIFE INSURANCE			Ratio of pre- miums <sup>1</sup> to dis- posable per- sonal income
		Policies in force <sup>1</sup> (mil- lions)	Policy- holders <sup>2</sup> (mil- lions)	Cover- age per family				Policies in force <sup>1</sup> (mil- lions)	Policy- holders <sup>2</sup> (mil- lions)	Cover- age per family	
1930.....	\$1,900	124	68	\$2,800	4.7	1953.....	\$4,700	229	90	\$5,800	3.6
1935.....	1,400	121	63	2,400	6.3	1954.....	4,800	237	93	6,300	3.7
1940.....	1,700	134	65	2,700	5.1	1955.....	5,000	251	103	6,900	3.8
1945.....	3,200	163	71	3,200	3.4	1956.....	5,300	261	106	7,600	3.8
1950.....	4,100	202	83	4,600	3.5	1957.....	5,500	266	109	8,300	3.9

<sup>1</sup> Total of ordinary, group, industrial, and credit.

<sup>2</sup> Beginning 1955, not strictly comparable with earlier data because of a change in method of estimation. The result of this change in procedure was to raise the 1955 figure by 6 or 7 percent over the figure that would have been obtained by the old method.

<sup>3</sup> Premiums paid for life insurance and annuities.

Source: Institute of Life Insurance, New York, N. Y.; *Life Insurance Fact Book*. Based on data from Institute of Life Insurance; *The Spectator*; *Insurance Yearbook*; and Department of Commerce.

# No. 595.—LIFE INSURANCE OWNERSHIP, BY CHARACTERISTICS OF POLICYHOLDER: 1955

[Based on nationwide sample of over 4,000 families containing more than 13,000 individuals]

SUBJECT	Number (mil- lions)	Percent insured <sup>1</sup>	SUBJECT	Percent distrib- ution	Percent insured <sup>1</sup>
Owners of any life insurance.....	115	70	CHARACTERISTICS OF POLICY- HOLDERS <sup>2</sup> —Continued		
Men.....	44	82	Family income.....	100	63
Women.....	37	66	Under \$3,000.....	19	47
Children under 18.....	34	61	\$3,000 to \$4,999.....	36	66
With legal reserve life companies.....	103	63	\$5,000 to \$7,499.....	28	72
Kind owned: <sup>2</sup>			\$7,500 and over.....	17	72
Individual policies purchased from life companies.....	96	58	Occupation <sup>4</sup> .....	100	69
Group insurance with life com- panies.....	24	14	Professional, managerial.....	16	80
Fraternal and other.....	20	12	Farmers.....	3	52
Veterans.....	6	4	Clerical, sales.....	11	83
CHARACTERISTICS OF POLICY- HOLDERS <sup>3</sup>	Percent distrib- ution		Craftsmen, foremen.....	23	84
Residence.....	100	63	Laborers, service.....	11	72
Urban.....	72	71	Students, housewives, and others not in labor force.....	36	56
Rural.....	28	50	Individual insurance owned <sup>4</sup> .....	100	-----
Age.....	100	63	None owned.....	39	-----
Under 18 years.....	29	54	Under \$1,000.....	16	-----
18 to 34 years.....	25	70	\$1,000 to \$4,999.....	31	-----
35 to 44 years.....	16	73	\$5,000 to \$9,999.....	7	-----
45 to 54 years.....	14	76	\$10,000 and over.....	6	-----
55 to 64 years.....	9	66	Education of family head <sup>4</sup> .....	100	69
65 and over.....	7	49	Grade school.....	37	62
Marital status <sup>4</sup> .....	100	69	High school.....	45	74
Married men.....	43	81	College.....	18	71
Unmarried men.....	11	66	Adults insured, by family income.....	100	69
Married women.....	32	61	Under \$3,000.....	20	51
Unmarried women.....	14	62	\$3,000 to \$4,999.....	34	73
			\$5,000 to \$7,499.....	27	78
			\$7,500 and over.....	19	79

<sup>1</sup> Base for "percent insured" is the population for the specific subject category, except for kind of insurance owned for which the base is total U. S. population.

<sup>2</sup> Greater than the total number of owners since many people have more than one type of life insurance.

<sup>3</sup> Covers only policyholders of legal reserve life companies.

<sup>4</sup> Covers only those 18 years old and over.

Source: Institute of Life Insurance, New York, N. Y.; *The Life Insurance Public*. Based on survey conducted for the Institute by Survey Research Center of University of Michigan.



## No. 596.—LIFE INSURANCE OF FRATERNAL ORDERS: 1935 TO 1956

[Money figures in thousands of dollars. 1955 and 1956 figures are on accrual basis. Covers transactions (domestic and foreign) of fraternal orders in U. S. Excludes U. S. business of foreign concerns]

ITEM	1935	1940	1945	1950	1955	1956
Number reporting.....	266	215	180	196	281	268
Income, total.....	205,102	223,056	268,448	295,967	350,678	363,712
Net amount received from members.....	152,176	157,786	182,108	202,265	246,003	251,153
All other receipts.....	52,926	65,270	86,339	93,702	104,675	112,559
Expenditures, total <sup>1</sup> .....	158,562	165,893	170,002	205,401	<sup>2</sup> 324,464	<sup>2</sup> 327,983
Paid for claims.....	111,005	117,575	100,578	131,725	157,614	162,377
Agents' commissions and examiners' fees.....	12,128	9,917	13,452	19,033	22,021	23,470
Expenses of management <sup>3</sup> .....	27,308	28,624	34,825	59,176	<sup>4</sup> 72,639	<sup>4</sup> 65,676
Assets, invested and other, Dec. 31.....	994,314	1,252,924	1,644,527	2,039,845	2,590,394	2,658,854
Liabilities, Dec. 31.....	715,569	1,080,625	1,384,385	1,729,607	2,180,680	2,242,505
Insurance account:						
Number of certificates in force at end of year.....	6,462,293	7,036,148	7,740,156	8,364,071	9,238,707	9,057,150
Amount written during year.....	562,794	522,305	668,775	879,565	1,284,205	1,324,415
Amount in force at end of year.....	6,182,538	6,281,644	6,923,482	8,349,249	10,533,037	10,909,110

<sup>1</sup> Includes expenditures not shown separately.

<sup>2</sup> Includes \$72,190,167 increase of reserves for 1955, and \$76,460,480 for 1956.

<sup>3</sup> Includes taxes.

<sup>4</sup> Operating expenses.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

## No. 597.—LIFE INSURANCE OF ASSESSMENT LIFE ASSOCIATIONS: 1935 TO 1956

[Money figures in thousands of dollars. Covers transactions (domestic and foreign) of U. S. associations. Excludes U. S. business of foreign associations]

ITEM	1935	1940	1945	1950	1955	1956
Number reporting.....	59	58	43	51	163	152
Income, total.....	15,869	25,594	69,575	115,977	218,193	228,523
Net amount received from members.....	14,610	24,305	65,443	111,111	209,775	221,256
All other receipts.....	1,259	1,289	4,133	4,865	8,418	7,267
Expenditures, total <sup>1</sup> .....	14,239	21,373	54,362	108,183	213,258	214,799
Paid for death claims.....	2,590	3,051	5,146	7,593	6,968	6,464
Other payments to members.....	4,863	7,666	24,560	56,191	117,712	123,362
Paid to agents and medical examiners.....	3,868	6,357	14,451	21,900	38,848	45,667
Expenses of management <sup>2</sup> .....	2,707	3,766	7,941	22,247	29,484	33,178
Total admitted assets, Dec. 31.....	25,452	27,152	77,315	144,307	223,050	219,092
Total liabilities, Dec. 31.....	17,526	20,944	51,262	89,402	129,208	136,459
Insurance account:						
Number of certificates in force at end of year.....	637,816	1,073,031	2,192,823	<sup>3</sup> 293,594	3,481,290	3,330,031
Amount written during year.....	74,725	71,350	67,837	<sup>4</sup> 64,736	206,178	203,887
Amount in force at end of year.....	241,747	204,217	284,645	439,960	798,404	775,296

<sup>1</sup> Includes expenditures not shown separately.

<sup>2</sup> Includes taxes.

<sup>3</sup> 22 companies reporting.

<sup>4</sup> 42 companies reporting.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

No. 598.—MEDICAL CARE INSURANCE—ESTIMATED ENROLLMENT AND RATE PER 1,000 CIVILIAN POPULATION, BY TYPE OF INSURANCE: 1940 TO 1956

YEAR	HOSPITALIZATION INSURANCE				SURGICAL INSURANCE				MEDICAL INSURANCE <sup>4</sup>		
	Insurance companies		Blue Cross plans	All other plans <sup>1</sup>	Insurance companies		Blue Shield plans <sup>2</sup>	All other plans <sup>3</sup>	Insurance companies		All other plans <sup>5</sup>
	Group policies	Individual policies			Group policies	Individual policies			Group policies	Individual policies	
ENROLLMENT (1,000)											
1940.....	2,500	1,200	6,012	2,300	1,430	850	370	2,300		3,000	
1941.....	3,850	1,500	8,399	2,300	2,300	1,000	775	2,300		3,100	
1942.....	5,080	1,800	10,215	2,300	3,275	1,200	965	2,300		3,200	
1943.....	6,800	2,100	12,600	2,400	4,700	1,400	1,235	2,400		3,400	
1944.....	8,400	2,400	15,748	3,100	5,625	1,600	1,768	3,100		3,800	
1945.....	7,804	2,700	18,881	3,300	5,537	1,800	2,535	3,300		4,700	
1946.....	11,315	3,000	24,250	3,500	8,661	2,000	4,436	3,600		6,400	
1947.....	14,190	7,584	27,489	3,775	11,103	4,875	5,732	3,829	1,098	1,111	6,829
1948.....	16,741	11,286	30,448	4,663	14,199	6,944	8,399	5,831	1,927	1,417	9,551
1949.....	17,697	14,729	33,381	4,694	15,690	9,315	11,894	6,654	2,736	2,350	12,343
1950.....	22,305	17,682	37,435	5,006	21,219	14,104	16,054	6,512	5,587	2,714	14,301
1951.....	26,663	21,574	38,424	6,043	26,376	16,396	20,193	6,585	7,946	4,230	17,138
1952.....	29,455	21,412	40,495	7,145	29,621	18,354	23,522	8,949	10,157	5,118	23,471
1953.....	33,575	23,475	42,857	8,112	34,039	20,212	26,822	9,879	13,787	6,008	27,010
1954.....	35,090	25,338	44,243	8,468	35,723	21,442	30,067	9,700	15,778	6,513	29,576
1955.....	39,029	26,706	47,719	7,525	39,725	22,445	34,071	9,410	20,678	6,264	34,090
1956.....	45,211	27,629	50,108	7,709	45,906	23,074	36,896	10,585	25,177	6,789	39,183
RATE PER 1,000 POPULATION <sup>6</sup>											
1940.....	19	9	46	17	11	6	3	17		23	
1941.....	29	11	64	17	17	8	6	17		24	
1942.....	39	14	78	18	25	9	7	18		24	
1943.....	53	16	99	19	37	11	10	19		27	
1944.....	66	19	124	24	44	13	14	24		30	
1945.....	61	21	148	26	43	14	20	26		37	
1946.....	82	22	175	25	63	14	32	26		46	
1947.....	100	53	193	26	78	34	40	27		8	48
1948.....	115	78	210	31	98	48	58	40	13	10	66
1949.....	120	100	226	32	106	63	81	44	19	16	84
1950.....	148	118	249	33	141	94	107	43	37	18	95
1951.....	176	143	254	40	175	109	134	44	53	28	113
1952.....	192	140	264	47	193	120	153	58	66	33	153
1953.....	215	150	275	52	218	130	172	63	88	39	173
1954.....	221	159	278	53	225	135	189	61	99	41	186
1955.....	240	165	294	46	245	138	210	58	127	39	210
1956.....	274	167	303	47	278	140	223	64	152	41	237

<sup>1</sup> Includes members of Blue Shield plans that provide hospitalization benefits, and members of independent plans (i. e., fraternal, community, employer-employee plans).

<sup>2</sup> Excludes medical-society sponsored plans not affiliated with Blue Shield Commission.

<sup>3</sup> Includes members of Blue Cross plans that provide surgical benefits, of medical-society sponsored plans not affiliated with Blue Shield Commission, and of independent plans that provide surgical benefits.

<sup>4</sup> Medical insurance includes insurance against costs of (a) in-hospital, medical (nonsurgical), physicians' visits, (b) visits to doctor's office, and (c) patient's home. Since about 1948 most of the increase shown has been for insurance limited to in-hospital medical care.

<sup>5</sup> For 1947-56 includes members of Blue Shield plans, Blue Cross plans that provide in-hospital medical benefits, and medical-society sponsored and all other independent plans.

<sup>6</sup> Based on civilian population as of July 1. Since 5 to 15 percent of the population with each type of insurance benefit has protection from more than one kind of plan or policy rates should not be added to determine the proportion of the population with a given type of insurance benefit. Rates shown are not corrected for this duplication, which varies by type of insurance and has increased with expansion of insurance.

Source: For 1940-51, the President's Commission on the Health Needs of the Nation, *Building America's Health*; for 1952-56, The Health Insurance Council, New York, N. Y., annual report, *The Extent of Voluntary Health Insurance Coverage in the United States*.

No. 599.—MEDICAL CARE INSURANCE—ESTIMATED NUMBER OF PERSONS AND PERCENT OF POPULATION COVERED, BY TYPE OF VOLUNTARY INSURANCE, BY STATES: 1956

[In thousands. As of December 31. Adjusted for duplication]

STATE	NUMBER OF PERSONS • COVERED BY—			PERCENT OF POPULATION COVERED <sup>2</sup>		
	Hospital insurance	Surgical insurance	Medical insurance <sup>1</sup>	Hospital	Surgical	Medical
<b>United States</b> .....	115,665	101,060	64,686	69.8	61.1	39.1
<b>New England</b> .....	7,922	6,732	5,675	82.2	69.9	58.9
Maine.....	587	431	273	64.1	47.1	29.8
New Hampshire.....	408	374	249	73.1	67.0	44.6
Vermont.....	318	282	176	86.2	76.4	47.7
Massachusetts.....	3,780	3,289	2,790	79.3	69.0	58.5
Rhode Island.....	704	625	633	86.3	76.6	77.6
Connecticut.....	2,125	1,731	1,554	96.1	78.3	70.3
<b>Middle Atlantic</b> .....	27,733	22,208	14,446	86.3	69.1	44.9
New York.....	14,680	11,741	7,427	93.1	74.5	47.1
New Jersey.....	3,557	3,007	2,288	65.1	55.0	41.8
Pennsylvania.....	9,496	7,460	4,731	87.0	68.3	43.3
<b>East North Central</b> .....	28,130	24,683	16,051	82.1	72.1	46.9
Ohio.....	8,221	6,484	3,020	90.8	71.6	33.4
Indiana.....	3,494	3,285	2,147	78.9	74.2	48.5
Illinois.....	7,522	6,645	4,277	79.8	70.5	45.4
Michigan.....	6,471	6,147	5,161	85.5	81.3	68.2
Wisconsin.....	2,422	2,122	1,446	64.0	56.1	38.2
<b>West North Central</b> .....	9,900	9,009	6,002	66.1	60.2	40.1
Minnesota.....	2,302	2,153	1,619	70.7	66.1	40.7
Iowa.....	1,560	1,527	948	56.7	55.5	34.4
Missouri.....	3,207	2,809	1,844	77.0	67.4	44.3
North Dakota.....	378	324	177	58.9	50.5	27.6
South Dakota.....	333	331	152	48.5	48.3	22.2
Nebraska.....	756	670	402	53.5	47.4	28.4
Kansas.....	1,364	1,195	860	66.2	58.0	41.7
<b>South Atlantic</b> .....	14,020	11,865	5,015	59.6	50.5	21.3
Delaware.....	319	298	269	77.8	72.7	65.6
Maryland.....	1,746	1,164	592	63.4	42.3	21.5
District of Columbia <sup>3</sup> .....	1,111	988	218	137.3	122.1	26.9
Virginia.....	1,842	1,542	814	52.0	43.5	23.0
West Virginia.....	1,223	1,149	857	62.3	58.5	43.7
North Carolina.....	2,342	2,138	425	54.1	49.4	9.8
South Carolina.....	1,248	1,032	322	54.9	45.4	14.2
Georgia.....	1,908	1,541	457	52.5	42.4	12.6
Florida.....	2,281	2,013	1,061	60.1	53.1	28.0
<b>East South Central</b> .....	6,098	5,326	2,619	52.6	45.9	22.6
Kentucky.....	1,634	1,370	939	55.1	46.2	31.7
Tennessee.....	2,034	1,694	373	59.8	49.8	11.0
Alabama.....	1,592	1,515	972	51.4	48.9	31.4
Mississippi.....	838	747	335	39.3	35.0	15.7
<b>West South Central</b> .....	8,001	7,601	4,526	51.0	48.5	28.9
Arkansas.....	749	699	241	43.1	40.2	13.9
Louisiana.....	1,195	1,055	631	40.2	35.5	21.3
Oklahoma.....	1,181	1,098	747	53.4	49.6	33.8
Texas.....	4,876	4,749	2,907	55.7	54.2	33.2
<b>Mountain</b> .....	3,192	2,943	1,828	52.6	48.5	30.1
Montana.....	361	328	213	55.7	50.6	32.9
Idaho.....	273	207	124	44.0	33.3	20.0
Wyoming.....	203	195	126	66.8	64.1	41.4
Colorado.....	1,012	932	723	64.2	59.1	45.8
New Mexico.....	298	301	119	37.9	38.2	15.1
Arizona.....	443	404	137	41.7	38.0	12.9
Utah.....	489	469	323	59.6	57.1	39.3
Nevada.....	113	107	63	45.6	43.1	25.4
<b>Pacific</b> .....	10,669	10,693	8,524	61.1	61.2	48.8
Washington.....	1,807	1,762	1,354	69.5	67.7	52.1
Oregon.....	1,091	1,025	775	63.1	59.3	44.8
California.....	7,771	7,906	6,395	59.2	60.2	48.7

<sup>1</sup> Mainly for medical care for hospitalized patients. <sup>2</sup> Based on civilian population July 1, 1956.

<sup>3</sup> Includes persons living in Maryland and Virginia suburbs of the District of Columbia enrolled in the D. C. Blue Cross and Blue Shield Plans.

Source: Number of persons covered, The Health Insurance Council, New York, N. Y., *The Extent of Voluntary Health Insurance Coverage in the United States as of Dec. 31, 1956*; percent of population covered, Department of Health, Education, and Welfare, Social Security Administration.

### No. 600.—ACCIDENT AND HEALTH BUSINESS OF CASUALTY AND LIFE INSURANCE COMPANIES: 1955 AND 1956

[In thousands of dollars]

ITEM	1955			1956		
	Total	Casualty	Life	Total	Casualty	Life
Premiums written:						
Accident and health.....	1,205,936	123,185	1,967,750	1,291,360	167,786	1,123,574
Group accident and health.....	1,622,878	372,020	1,250,858	1,894,654	424,155	1,470,499
Premiums earned:						
Accident and health.....	1,189,612	123,125	1,954,487	1,256,122	166,175	1,089,947
Group accident and health.....	1,681,063	361,676	1,219,387	1,880,931	424,933	1,455,998
Losses incurred (including adjustment expenses):						
Accident and health.....	628,122	120,488	1,507,634	670,766	177,206	1,593,560
Group accident and health.....	1,363,558	295,974	1,067,584	1,653,070	356,878	1,296,192
Underwriting expenses incurred:						
Accident and health.....	510,017	193,357	1,416,660	541,699	177,510	1,464,189
Group accident and health.....	192,669	53,162	139,507	218,740	60,835	157,905

<sup>1</sup> 1955 and 1956 not exactly comparable; 26 accident and health companies included with casualty for 1955 are included with companies for 1956.

Source: The Spectator, Philadelphia, Pa.; *Accident Insurance Register*.

### No. 601.—FIRE LOSSES, TOTAL AND PER CAPITA: 1901 TO 1957

[Amounts, except per capita, in thousands of dollars. Prior to 1916 figures are as compiled by the New York Journal of Commerce and include losses of \$10,000 or over in the principal cities of the United States, adding 15 percent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being \$214,531,000 as against \$258,378,000) which cover all fires reported to the Actuarial Bureau Committee, adding 25 percent for unreported and uninsured losses prior to 1935 and 30 percent thereafter. Estimated fire losses are based on paid losses through 1953, on incurred losses thereafter.]

YEARLY AVERAGE	Amount	YEARLY AVERAGE OR YEAR	Amount	YEAR	Amount	Per capita <sup>1</sup>
1901-1905.....	173,324	1936-1940.....	268,215	1951.....	730,084	4.76
1906-1910.....	270,858	1941-1945.....	382,547	1952.....	815,134	5.23
1911-1915.....	204,136	1946-1950.....	643,489	1953.....	864,863	5.46
1916-1920.....	<sup>2</sup> 334,044	1951-1955.....	833,257	1954.....	870,984	5.40
1921-1925.....	529,160	1940.....	285,879	1955.....	885,218	5.39
1926-1930.....	492,190	1945.....	484,274	1956.....	989,290	5.92
1931-1935.....	326,083	1950.....	648,909	1957.....	1,023,190	6.01

<sup>1</sup> Based on population estimates of the Bureau of the Census. Excludes Armed Forces overseas.

<sup>2</sup> See headnote.

Source: National Board of Fire Underwriters, New York, N. Y.; *Report of the Committee on Statistics and Origin of Losses*.

### No. 602.—ESTIMATED NUMBER OF FIRES IN COMMUNITIES OF 2,500 OR MORE: 1950 TO 1957

[Estimates based on reports received from fire chiefs]

ITEM	1950	1952	1953	1954	1955	1956	1957
Number of cities reporting fires.....	1,917	2,356	2,519	2,662	2,344	2,548	2,573
Number of fires, total.....	838,145	983,733	918,304	845,116	822,392	865,561	847,396
Building fires.....	389,910	423,019	416,543	399,182	409,044	408,952	400,858
Residential.....	280,399	300,566	294,737	289,379	291,324	294,083	288,704
Nonresidential assembly.....	13,917	14,502	15,183	13,834	14,944	15,142	15,426
Mercantile.....	45,468	47,929	46,083	44,610	46,279	44,072	44,334
Manufacturing.....	21,054	22,600	23,495	19,164	21,424	21,333	20,099
Storage.....	7,661	8,887	8,601	7,655	8,330	8,529	7,786
Miscellaneous.....	21,511	28,535	28,444	24,539	26,743	25,793	24,509
Nonbuilding fires.....	448,235	560,714	501,761	445,934	413,348	456,609	446,538
In grass or brush.....	259,202	365,555	320,585	284,519	248,804	283,482	262,669
Other.....	189,033	195,159	181,176	161,415	164,544	173,127	183,869

Source: National Board of Fire Underwriters, New York, N. Y.; *Report of the Committee on Statistics and Origin of Losses*.

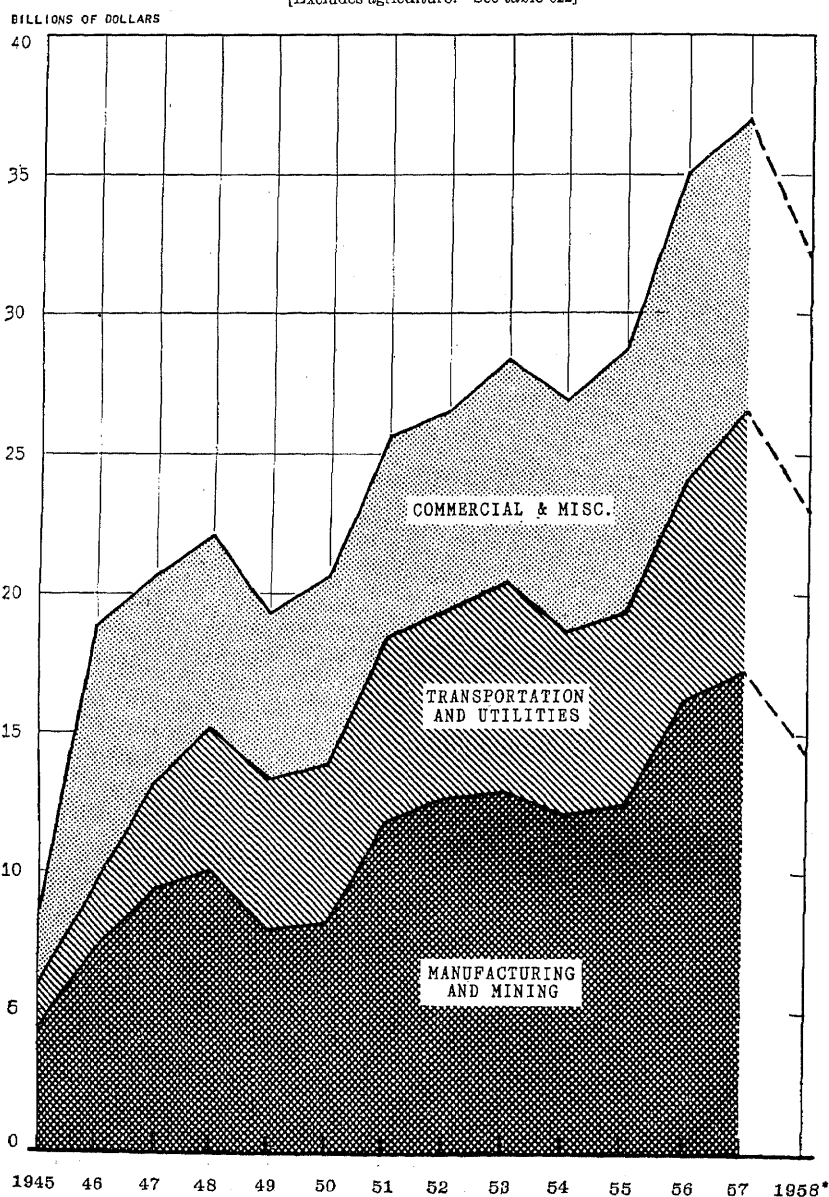
# No. 603.—LIFE AND FIRE AND CASUALTY INSURANCE BUSINESS, BY STATES AND OTHER AREAS: 1956

[In thousands of dollars. Figures here differ from corresponding items in preceding tables because data by States are compiled for all companies operating in each State whereas aggregates shown in other tables cover data for companies from which annual reports were obtained]

STATE OR OTHER AREA	LIFE			FIRE AND CASUALTY	
	Premiums received	Insurance in force, Dec. 31	Terminations	Direct premiums written	Direct losses paid
<b>Total</b> .....	<b>9,922,605</b>	<b>458,518,615</b>	<b>38,145,652</b>	<b>15,297,372</b>	<b>8,716,900</b>
Alabama.....	129,761	5,566,108	800,275	145,705	79,034
Arizona.....	38,572	1,833,136	175,711	67,998	35,437
Arkansas.....	49,066	2,206,050	335,718	97,439	54,656
California.....	710,369	34,797,444	2,661,691	1,424,104	829,310
Colorado.....	81,268	3,679,883	362,638	112,220	55,932
Connecticut.....	177,424	8,295,142	414,409	296,945	167,223
Delaware.....	31,332	1,377,528	130,823	30,068	13,408
District of Columbia.....	59,316	3,292,718	386,810	57,773	29,789
Florida.....	208,821	7,978,715	1,323,429	330,036	159,220
Georgia.....	183,488	7,947,367	1,280,733	224,116	122,880
Idaho.....	21,678	971,188	97,440	46,609	26,235
Illinois.....	653,643	29,555,330	2,101,745	999,828	573,486
Indiana.....	220,864	12,329,127	1,454,413	401,309	239,770
Iowa.....	122,617	5,548,977	451,727	216,091	139,944
Kansas.....	100,177	4,559,805	444,861	173,314	96,734
Kentucky.....	108,546	4,821,304	505,662	164,028	89,107
Louisiana.....	115,716	5,178,221	582,563	206,283	112,849
Maine.....	43,465	1,755,616	115,088	66,152	33,037
Maryland.....	164,275	7,206,130	650,801	221,117	119,934
Massachusetts.....	327,986	13,928,273	869,308	565,548	333,546
Michigan.....	391,943	19,977,485	1,401,569	743,545	488,908
Minnesota.....	153,652	7,184,256	499,350	258,155	136,767
Mississippi.....	45,014	2,125,004	312,632	106,133	60,006
Missouri.....	221,611	10,233,696	977,254	358,807	204,505
Montana.....	27,939	1,219,294	97,915	50,950	27,808
Nebraska.....	65,397	2,960,905	292,772	111,247	60,030
Nevada.....	9,552	419,615	42,710	22,797	12,713
New Hampshire.....	33,609	1,357,397	95,684	60,868	33,952
New Jersey.....	415,929	18,622,886	1,029,736	600,279	323,152
New Mexico.....	26,532	1,251,217	157,060	56,239	29,467
New York.....	1,192,030	53,824,524	3,288,290	1,999,672	1,137,172
North Carolina.....	170,593	7,634,219	1,009,119	254,049	136,171
North Dakota.....	19,760	875,939	76,833	44,794	25,741
Ohio.....	567,782	26,461,833	1,665,320	790,120	484,961
Oklahoma.....	92,327	4,347,429	516,741	188,018	105,231
Oregon.....	74,197	3,350,215	244,615	145,121	84,501
Pennsylvania.....	737,792	32,442,754	2,263,227	933,140	545,105
Rhode Island.....	56,187	2,235,444	204,223	77,057	54,320
South Carolina.....	83,825	3,968,155	727,031	117,695	63,301
South Dakota.....	21,274	940,956	87,132	44,962	25,737
Tennessee.....	136,947	6,450,239	761,215	222,880	124,686
Texas.....	405,071	20,189,368	2,779,939	730,443	374,436
Utah.....	36,219	1,773,762	194,888	45,813	23,684
Vermont.....	19,798	761,206	55,553	30,716	15,644
Virginia.....	170,446	7,544,447	849,434	214,837	108,373
Washington.....	116,590	5,583,901	383,709	189,755	107,348
West Virginia.....	69,615	3,287,642	304,302	108,453	59,988
Wisconsin.....	198,855	8,731,506	466,328	309,268	171,071
Wyoming.....	13,269	609,528	87,497	21,310	10,116
Alaska.....	3,819	222,925	18,499	15,302	6,487
Canada.....	580,714	30,306,478	1,160,314	572,012	352,420
Canal Zone.....	897	53,621	3,897	-----	-----
Hawaii.....	33,265	1,612,018	171,854	26,192	11,568
Mexico.....	156	133,201	24,473	-----	-----
Philippine Islands.....	6,361	142,540	18,893	-----	-----
Puerto Rico.....	6,138	243,507	24,731	-----	-----
Miscellaneous.....	163,116	6,572,441	735,059	-----	-----

FIG. XXVIII.—BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1945 TO 1958

[Excludes agriculture. See table 622]



\*Anticipated by business.

Source: Securities and Exchange Commission and Department of Commerce, Office of Business Economics.

## Section 17

### Business Enterprise

Statistics in this section relate in general to the place and behavior of the business firm and business initiative in the American economy. The data include measures of and changes in the numbers of businesses; assets and liabilities of corporations; types of business income and expenditures; business sales and inventories; research and development expenditures; and patents and designs registered.

The principal sources of these data are the *Survey of Current Business* and its *National Income Supplement* published by the Office of Business Economics, Department of Commerce; the *Federal Reserve Bulletin* issued by the Board of Governors of the Federal Reserve System; and monthly statements published by Dun & Bradstreet, Inc. Other sources are publications of the Securities and Exchange Commission, the Internal Revenue Service, and the United States Patent Office.

**Firms in operation, entering, and leaving.**—The number of firms in existence and the number of new, discontinued, and transferred businesses are estimated by the Office of Business Economics on the basis of data from the Internal Revenue Service and the Bureau of Old-Age and Survivors Insurance.

A business firm is defined by the Office of Business Economics as a business organization under a single management and may include one or more plants or outlets; a firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. A self-employed person is considered a firm only if he has either one or more employees or has an established place of business. This count of firms differs from that of the Bureau of the Census which ordinarily represents a count of establishments, e. g., manufacturing plants or retail stores, larger than a minimum specified size.

New businesses include firms which are newly established; discontinued businesses refer only to liquidations. Business transfers represent purchases of going businesses, acquisitions of businesses through inheritance, transfers of businesses to a trustee or executor, as well as changes in the form of business organization.

**Industrial and commercial failures.**—These data are collected by Dun & Bradstreet, and are available by years since 1857 and by months since 1900. The number of failures includes concerns involved in court proceedings or voluntary actions likely to end in loss to creditors; discontinuances with outside obligations paid in full are not included. Data cover manufacturers, wholesalers, retailers, building contractors, and certain types of commercial service, but do not encompass all business enterprises. Specific types of business not listed are: Finance, insurance, and real estate companies; railroads and steamship lines; amusement enterprises. Failures data are published monthly in summary form in *Dun's Review & Modern Industry*.

**Corporate assets and liabilities.**—Data on corporate assets and liabilities are from the Internal Revenue Service and the Securities and Exchange Commission. In its annual report, *Statistics of Income, Corporation Income Tax Returns*, the Internal Revenue Service presents abbreviated balance sheet and income account data for all United States corporations. In a quarterly release entitled *Net Working Capital of U. S. Corporations*, the Securities and Exchange Commission publishes data on the net working capital position of all United States corporations, exclusive of banks, savings and loan associations, and insurance companies, showing the principal components of current assets and liabilities.

Note.—This section presents data for the most recent year or period available on May 1, 1958, when the material was organized and sent to the printer. In some instances, more recent data were added later.

**Corporate income, profits, dividends, and taxes.**—Several agencies (the Internal Revenue Service, the Office of Business Economics, and the Federal Reserve Board) compile corporate income account data. These data, however, are not comparable because of differing methods of compilation.

The Internal Revenue Service publishes corporate data based on income tax returns in the aforementioned *Statistics of Income*.

The corporate data issued by the Office of Business Economics are a part of its national income and product accounts and are defined as required for purposes of national income estimation. The primary sources of data for the Office of Business Economics estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the Internal Revenue Service. Various adjustments of the *Statistics of Income* data are required by the national income treatment, particularly with respect to depletion, capital gain or loss, and intercorporate dividends, and because the original corporate income statements do not represent the final stage of information.

Federal Reserve Board data relating to profits and dividends apply to particular industrial segments only, such as large manufacturing and public utility corporations.

**Sources and uses of corporate funds.**—These data indicate capital requirements of corporations and the manner in which they are financed. Sources of funds are equal to their uses. Certain discrepancies, however, apart from errors in estimation, interfere with this equality. These discrepancies are not particularly significant and are due to omission of such factors as (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, and (2) transactions in securities held as permanent investments except public offerings.

**Business sales and inventories.**—Business sales and inventories are defined as the sum of data for manufacturing, wholesale, and retail trade. Sales are estimated aggregate values and inventories are book values at the end of the year. 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 manufacturer's inventories are valued at the cost price or market price, whichever is lower. The data on sales and inventories for manufacturers are based on annual corporate data through 1954, published by the Internal Revenue Service in *Statistics of Income*, *Corporation Income Tax Returns*, and on Internal Revenue Service noncorporate data for alternate years 1945 through 1953, and 1954.

**Net change in business inventories.**—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 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 of current prices to base year prices. No inventory valuation adjustment is shown for farm inventories because change in farm inventories is estimated (by the Department of Agriculture) from physical quantity data.

**Plant and equipment expenditures.**—A joint survey by the Securities and Exchange Commission and the Department of Commerce presents quarterly data on actual plant and equipment expenditures, and on anticipated expenditures for the next two quarters. In addition, a survey is made at the beginning of each year of plans of business as regards capital expenditures during that year. The data are based on reports submitted by corporations registered with the Securities and Exchange Commission, by transportation companies under Interstate Commerce Commission jurisdiction, and by a large sample of nonregistered companies, unincorporated as well as corporate, reporting to the Department of Commerce.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series P 176-187") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.



**No. 604.—NUMBER OF FIRMS IN OPERATION, 1929 TO 1957, AND NEW AND DISCONTINUED BUSINESSES, 1940 TO 1957**

[In thousands. Excludes firms in agriculture and the professional services. New businesses include only firms which have been newly established; going concerns which have been purchased are considered business transfers. Discontinued businesses include closures of all kinds without reference to reason for discontinuing—e. g., failure, retirement, illness of proprietor, etc.]

STATUS OF FIRMS AND YEAR	All industries	Mining and quarrying	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries
<b>FIRMS IN OPERATION</b>									
<b>Annual averages:</b>									
1929.....	3,029.0	36.3	233.8	257.0	119.5	148.1	1,327.0	316.2	590.9
1930.....	2,993.7	33.4	230.2	228.1	116.0	140.6	1,325.5	315.2	598.7
1933.....	2,782.1	32.8	185.4	166.8	107.6	141.8	1,291.2	281.7	574.9
1935.....	2,901.9	35.5	180.2	205.0	127.2	157.0	1,387.2	283.8	615.8
1940.....	3,290.8	35.6	198.8	226.0	149.6	185.4	1,567.4	300.6	626.3
1945.....	3,113.9	32.2	176.8	258.4	144.2	196.9	1,403.5	310.3	591.5
1950.....	4,050.7	37.0	370.5	320.7	179.5	266.2	1,815.8	325.5	735.6
1951.....	4,108.5	37.4	388.6	327.2	182.7	273.1	1,834.0	329.9	735.5
1952 <sup>1</sup> .....	4,107.4	38.1	411.0	328.8	184.0	280.5	1,850.8	334.7	730.5
<b>Number in operation as of June 30—</b>									
1952.....	4,175.4	38.1	414.0	329.6	183.8	280.9	1,853.6	335.0	740.4
1953.....	4,205.7	38.4	432.3	326.6	184.1	285.0	1,859.2	338.2	741.9
1954.....	4,196.7	38.8	441.3	317.6	178.8	287.1	1,850.7	340.2	742.3
1955.....	4,232.3	(2)	465.6	311.4	(2)	289.9	1,857.3	(2)	745.0
1956.....	4,294.2	(2)	483.0	311.8	(2)	294.9	1,874.2	(2)	755.7
1957 (prel.).....	4,322.0	(2)	478.0	309.0	(2)	297.0	1,897.0	(2)	761.0
<b>NEW BUSINESSES</b>									
1940.....	275.2	5.3	21.9	20.2	16.7	20.4	117.9	14.7	49.2
1945.....	422.7	4.0	55.8	37.2	26.7	30.2	161.4	22.9	84.5
1950.....	348.2	4.1	64.1	30.0	21.4	21.6	133.0	18.6	55.5
1952.....	303.9	4.2	69.5	28.5	23.9	22.7	141.4	19.3	54.3
1953.....	340.5	3.8	64.2	26.5	19.1	20.5	135.4	18.3	52.7
1954.....	334.2	4.0	61.5	22.7	18.7	19.9	135.2	19.0	53.2
1955.....	380.4	5.3	70.9	26.4	22.4	21.3	161.2	23.1	59.9
1956 (first half).....	223.9	3.0	41.0	16.2	14.0	12.4	86.8	13.8	36.7
1956 (second half).....	156.9	2.0	23.8	10.6	9.8	9.4	65.4	9.7	26.3
1957 (first half).....	211.0	2.3	34.5	13.4	12.7	12.2	87.9	12.4	35.6
<b>DISCONTINUED</b>									
1940.....	318.1	3.6	30.0	21.7	20.7	13.9	137.6	16.8	73.7
1945.....	175.6	3.0	16.9	26.4	13.5	7.3	69.2	11.2	38.3
1950.....	289.6	3.7	39.2	24.7	18.3	16.3	115.0	14.5	57.8
1952.....	306.4	3.7	45.5	29.1	20.4	15.8	125.7	15.4	50.8
1953.....	334.0	3.7	50.6	31.5	23.9	17.8	138.5	15.4	52.6
1954.....	330.6	3.2	46.7	32.1	23.0	18.0	139.0	16.9	51.6
1955.....	324.2	(2)	45.1	28.6	(2)	17.7	136.7	(2)	54.0
1956 (first half).....	174.5	(2)	30.0	13.7	(2)	8.7	73.1	(2)	27.5
1956 (second half).....	164.0	(2)	30.0	13.0	(2)	8.0	63.0	(2)	27.0
1957 (first half, prel.).....	176.0	(2)	33.0	14.0	(2)	10.0	67.0	(2)	29.0
<b>TRANSFERS</b>									
1945.....	473.2	2.4	9.9	21.3	11.9	15.7	307.6	21.5	82.9
1950.....	419.4	2.3	14.8	20.6	10.2	14.4	277.8	16.1	63.1
1952.....	374.9	2.1	13.8	17.5	8.6	13.4	251.4	13.8	54.2
1953.....	356.2	1.9	14.1	16.4	8.1	12.8	237.6	12.9	52.4
1954.....	319.7	1.6	12.2	13.3	7.4	10.9	216.0	11.9	46.3
1955.....	327.0	1.7	11.9	13.7	7.5	11.0	220.3	12.4	48.5
1956 (first half).....	186.1	1.0	7.4	7.7	4.5	6.5	123.7	7.2	28.1
1956 (second half).....	141.2	0.7	5.1	5.7	3.2	5.2	94.8	5.4	21.0
1957 (first half).....	193.2	1.0	7.4	7.6	4.8	6.9	129.4	7.4	28.9

ITEM	1945	1950	1951	1952	1953	1954	1955	1956	1957
New incorporations <sup>2</sup> .....	436.1	92.9	83.6	92.8	102.5	117.2	139.7	140.8	136.7

<sup>1</sup> Not available after 1952. <sup>2</sup> Not available.

<sup>3</sup> Compiled by Dun & Bradstreet, Inc. <sup>4</sup> July to December only.

Source: Department of Commerce, Office of Business Economics; published periodically in *Survey of Current Business*.

No. 605.—NUMBER OF FIRMS IN OPERATION, BY STATES AND REGIONS: 1950, 1951, AND 1954

[In thousands. As of January 1. Based on data from Bureau of Old-Age and Survivors Insurance. Firms doing business in more than 1 State counted only once and classified in State of firm's reporting headquarters]

STATE	1950	1951	1954	STATE	1950	1951	1954
<b>United States</b> .....	4,008.7	4,067.3	4,185.3	<b>Southwest</b> .....	300.7	310.4	336.8
New England.....	270.3	272.1	270.0	Arizona.....	19.8	19.9	20.0
Connecticut.....	60.9	61.0	63.5	New Mexico.....	16.5	17.2	20.6
Maine.....	27.2	27.8	27.3	Oklahoma.....	54.5	56.2	59.9
Massachusetts.....	131.1	131.5	127.3	Texas.....	209.9	217.2	236.4
New Hampshire.....	17.0	17.4	16.7	<b>Central</b> .....	1,103.2	1,111.8	1,110.6
Rhode Island.....	22.6	22.7	23.6	Illinois.....	271.3	270.1	253.9
Vermont.....	11.4	11.7	11.5	Indiana.....	99.8	100.7	106.7
<b>Middle East</b> .....	1,057.9	1,066.1	1,082.3	Iowa.....	78.4	79.1	82.9
Delaware.....	9.3	9.3	9.6	Michigan.....	161.8	164.3	164.2
Dist. of Columbia.....	22.0	22.2	23.2	Minnesota.....	80.9	81.9	81.8
Maryland.....	51.6	52.9	53.4	Missouri.....	109.8	111.5	117.3
New Jersey.....	149.7	151.3	154.3	Ohio.....	202.4	205.4	199.5
New York.....	534.4	537.5	544.3	Wisconsin.....	98.9	98.9	99.4
Pennsylvania.....	251.6	253.7	254.6	<b>Northwest</b> .....	226.5	230.0	229.1
West Virginia.....	39.4	39.2	37.9	Colorado.....	38.3	39.3	39.6
<b>Southeast</b> .....	608.1	628.0	687.3	Idaho.....	15.6	15.7	13.4
Alabama.....	49.6	50.6	57.0	Kansas.....	57.2	58.6	63.4
Arkansas.....	35.5	36.0	39.9	Montana.....	18.2	18.0	16.1
Florida.....	84.6	88.8	104.0	Nebraska.....	39.2	39.3	37.4
Georgia.....	63.5	65.6	75.1	North Dakota.....	15.1	15.4	15.0
Kentucky.....	52.5	54.7	55.7	South Dakota.....	18.6	18.8	19.4
Louisiana.....	52.6	54.2	62.0	Utah.....	15.5	15.8	16.4
Mississippi.....	32.6	33.3	32.9	Wyoming.....	8.7	9.0	8.4
North Carolina.....	71.8	74.2	83.0	<b>Far West</b> .....	442.1	448.8	469.3
South Carolina.....	36.0	37.4	40.8	California.....	322.6	327.3	342.9
Tennessee.....	61.0	61.7	62.6	Nevada.....	5.9	5.9	6.9
Virginia.....	68.3	71.5	74.1	Oregon.....	48.4	50.2	51.9
				Washington.....	65.2	65.5	67.6

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, November 1954.

No. 606.—SOLE PROPRIETORSHIPS, PARTNERSHIPS, AND NONMANUFACTURING CORPORATIONS—NUMBER, RECEIPTS, AND NET INCOME: 1956 AND 1957

[For years ending June 30. Sole proprietorships and partnerships exclude those classified in agriculture, forestry, or fishery groups. Based on sample of unaudited tax returns]

TYPE OF BUSINESS	NUMBER		GROSS RECEIPTS		NET PROFIT OR INCOME	
	1956	1957	1956	1957	1956	1957
Sole proprietorships.....	4,726,248	5,057,072	<i>Bil. dol.</i> 117.1	<i>Bil. dol.</i> 131.9	<i>Bil. dol.</i> 14.8	<i>Bil. dol.</i> 16.2
Partnerships.....	(1)	836,769	<sup>2</sup> 75.0	78.5	<sup>2</sup> 7.9	8.3
Nonmanufacturing corporations.....	677,475	757,388	311.0	341.3	21.5	22.5

<sup>1</sup> Not available.

<sup>2</sup> 1954.

Source: Treasury Department, Internal Revenue Service; *Business Indicators*, April 1958.

# **No. 607.—SALES, ASSETS, PROFITS, AND EMPLOYEES OF LARGEST INDUSTRIAL CORPORATIONS AND MERCHANDISING FIRMS, BY GROUP RANK OF SALES VOLUME: 1955 AND 1956**

Excludes certain large corporations which did not report sales, such as Lever Brothers, Sherwin-Williams, International Milling, etc.]

CORPORATIONS GROUPED IN ORDER OF SALES VOLUME	1955				1956			
	Sales <sup>1</sup>	Assets <sup>2</sup>	Net profits <sup>3</sup>	Employees <sup>4</sup>	Sales <sup>1</sup>	Assets <sup>2</sup>	Net profits <sup>3</sup>	Employees <sup>4</sup>
<b>INDUSTRIAL CORPORATIONS</b>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>1,000</i>
500 largest, total.....	161,399	122,272	11,210	8,605	174,306	138,977	11,501	8,793
Lowest hundred.....	6,292	5,025	360	412	6,916	5,347	501	402
Second hundred.....	8,609	6,164	515	542	9,860	7,372	604	552
Third hundred.....	12,734	10,395	753	870	15,492	12,168	886	894
Fourth hundred.....	24,458	17,249	1,371	1,350	27,139	19,743	1,392	1,451
Highest hundred.....	108,306	83,439	8,210	5,431	114,899	94,346	8,118	5,494
<b>MERCHANDISING FIRMS</b>								
50 largest, total.....	25,610	9,012	601	1,223	28,102	9,637	681	1,077
Lowest ten.....	1,168	551	35	72	1,368	526	33	65
Second ten.....	1,719	696	45	129	1,943	798	49	81
Third ten.....	2,704	1,163	62	157	3,201	1,595	98	181
Fourth ten.....	4,520	1,386	94	169	5,008	1,691	114	223
Highest ten.....	15,499	5,215	365	606	16,583	5,026	388	527

<sup>1</sup> For industrial corporations: Net sales, including service and rental revenues for companies that derived at least 50 percent of their revenue from manufacturing and mining; for fiscal years ending not later than Jan. 2; includes sales of consolidated subsidiaries; excludes excise taxes by tobacco, brewing, and distilling companies. For merchandising firms: Net sales for fiscal years ending not later than Mar. 3.

<sup>2</sup> Total assets employed in business. For 1955, fixed assets were reported by some firms on an undepreciated basis; for 1956, all firms reported fixed assets net of depreciation.

<sup>3</sup> Includes special charges and credits.

<sup>4</sup> As reported. In most cases, average employment for year; in some cases, year end.

Source: Fortune, New York, N. Y.; annual supplement, *The Fortune Directory* (copyright by Time Inc.).

## **No. 608.—EMPLOYERS REPORTING UNDER SOCIAL SECURITY ACT, EMPLOYMENT, AND TAXABLE WAGES, BY SIZE OF FIRM: FIRST QUARTER, 1945 TO 1953**

[Employers and employment in thousands, wages in millions. Includes only employers reporting taxable wages under old-age and survivors insurance provisions of the Social Security Act. An employer is a legal entity, such as corporation, partnership, or single ownership, for which a single tax return is filed. Corrected to April 21, 1955]

ITEM AND PERIOD JAN.-MAR.	Total	EMPLOYEE-SIZE CLASS OF FIRM <sup>1</sup>									
		0	1 to 3	4 to 7	8 to 19	20 to 49	50 to 99	100 to 499	500 to 999	1,000 to 9,999	10,000 or more
<b>EMPLOYERS</b>											
1945.....	2,001.0	23.3	1,174.3	404.0	233.4	100.5	34.0	25.6	3.2	2.6	0.2
1946.....	2,280.0	29.2	1,288.0	482.1	293.3	115.9	38.1	27.7	3.1	2.5	0.2
1947.....	2,486.7	40.4	1,415.7	510.6	314.8	121.6	39.6	28.9	3.3	2.8	0.2
1948.....	2,590.0	42.4	1,488.5	537.2	325.0	122.3	39.3	29.0	3.3	2.7	0.2
1949.....	2,639.3	50.0	1,544.8	535.4	317.1	120.0	38.4	27.7	3.4	2.6	0.2
1951 <sup>2</sup> .....	2,776.6	(3)	\$1,670.9	562.3	333.5	130.5	42.1	30.8	3.1	2.9	0.2
1953 <sup>2</sup> .....	2,813.4	(3)	\$1,682.4	572.8	340.7	135.8	43.9	31.1	3.5	2.9	0.2
<b>EMPLOYMENT <sup>4</sup></b>											
1945.....	32,803	0	1,949	2,078	2,759	3,018	2,322	5,269	2,233	6,554	6,623
1946.....	32,483	0	2,194	2,507	3,496	3,483	2,611	5,581	2,157	6,183	4,270
1947.....	35,057	0	2,382	2,650	3,704	3,599	2,676	5,782	2,260	6,794	5,201
1948.....	35,805	0	2,497	2,739	3,832	3,662	2,690	5,770	2,281	6,812	5,513
1949.....	34,689	0	2,549	2,716	3,732	3,576	2,609	5,485	2,139	6,492	5,391
1951 <sup>2</sup> .....	38,101	0	2,775	2,899	3,987	3,928	2,885	6,122	2,311	7,110	6,084
1953 <sup>2</sup> .....	39,977	0	2,778	2,949	4,067	4,086	3,016	6,095	2,372	7,438	7,177
<b>WAGES <sup>5</sup></b>											
1945.....	\$17,938	\$23	\$662	\$793	\$1,148	\$1,408	\$1,165	\$2,740	\$1,242	\$4,403	\$4,715
1946.....	16,840	18	779	1,010	1,614	1,800	1,386	2,992	1,190	3,670	2,483
1947.....	20,805	28	950	1,193	1,917	2,086	1,595	3,542	1,437	4,534	3,523
1948.....	23,080	35	1,059	1,310	2,112	2,289	1,728	3,847	1,587	4,975	4,138
1949.....	23,376	42	1,121	1,366	2,204	2,360	1,769	3,754	1,523	4,940	4,297
1951 <sup>2</sup> .....	29,000	(3)	\$1,900	1,614	2,617	2,872	2,182	4,769	1,852	6,173	5,501
1953 <sup>2</sup> .....	34,030	(3)	\$1,525	1,798	2,923	3,271	2,502	5,244	2,141	7,165	7,460

<sup>1</sup> Measured by employer's pay-period employment.

<sup>2</sup> Data for 1951 represent employers in scope of 1951 *County Business Patterns*; data for 1953 represent employers in "regular" group of 1953 *County Business Patterns*. These data are essentially comparable with those for previous years. <sup>3</sup> Firm size "0" combined with size "1 to 3." <sup>4</sup> For pay period ending nearest to Mar. 15.

<sup>5</sup> Wages paid by employers for covered employment during period, excluding wages over \$3,000 paid by any one employer to any worker in a calendar year prior to 1951, and over \$3,600 beginning 1951.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

# NO. 609.—REPORTING UNITS UNDER SOCIAL SECURITY ACT, EMPLOYMENT, AND TAXABLE PAYROLLS, BY STATES AND OTHER AREAS: FIRST QUARTER, 1956

[Payrolls in thousands of dollars. Data are based on reports made under old-age and survivors insurance provisions of the Social Security Act. Employee figures are for mid-March pay period. Data exclude self-employed and railroad employees]

STATE OR OTHER AREA	Employees, mid-March	Taxable payrolls, January-March	Total reporting units	NUMBER OF REPORTING UNITS, BY EMPLOYEE-SIZE CLASS					
				0 to 3	4 to 7	8 to 19	20 to 49	50 to 99	100 or more
<b>Total</b>	<b>40,692,115</b>	<b>39,095,486</b>	<b>3,129,148</b>	<b>1,830,070</b>	<b>589,370</b>	<b>422,129</b>	<b>175,584</b>	<b>60,270</b>	<b>51,725</b>
Alabama	544,903	415,522	40,523	21,973	8,392	6,234	2,452	749	723
Arizona	184,786	175,979	18,127	10,041	3,469	2,509	1,026	288	194
Arkansas	244,607	161,060	27,360	16,059	5,507	3,762	1,330	417	285
California	3,349,243	3,614,355	264,051	153,436	50,238	35,440	15,499	5,339	4,049
Colorado	317,448	290,941	33,577	20,074	6,540	4,348	1,717	566	332
Connecticut	758,643	781,475	47,524	28,729	8,103	6,151	2,648	967	926
Delaware	127,093	135,341	7,736	4,142	1,597	1,220	458	163	156
District of Columbia	224,793	210,643	18,091	9,984	3,467	2,806	1,142	427	205
Florida	831,489	846,265	84,518	48,953	16,533	11,749	4,645	1,626	1,012
Georgia	764,271	568,492	55,478	29,031	11,971	8,791	3,447	1,195	1,043
Idaho	98,130	85,377	12,391	7,446	2,412	1,682	610	153	88
Illinois	2,845,769	3,043,100	190,244	113,312	33,670	24,624	10,815	4,010	3,813
Indiana	1,166,368	1,194,900	78,088	45,229	15,225	10,428	4,298	1,476	1,432
Iowa	475,072	400,253	56,590	36,338	10,385	6,530	2,205	676	456
Kansas	391,647	339,720	43,587	27,089	8,229	5,281	2,036	577	375
Kentucky	476,032	400,131	42,420	24,856	8,015	5,996	2,290	669	594
Louisiana	563,408	472,376	45,279	24,909	8,676	6,933	3,002	985	769
Maine	201,685	159,305	19,059	12,016	3,815	2,334	859	268	267
Maryland	652,430	589,810	43,034	22,869	9,034	6,502	2,812	957	800
Massachusetts	1,476,627	1,354,166	96,737	53,176	19,326	13,881	5,984	2,227	2,143
Michigan	2,046,716	2,337,200	123,115	72,252	23,608	15,897	6,747	2,359	2,252
Minnesota	649,040	607,776	59,704	35,296	11,997	7,683	3,016	950	762
Mississippi	260,616	164,995	25,622	14,105	5,431	3,900	1,419	456	311
Missouri	1,023,341	932,929	81,874	48,442	15,245	10,705	4,470	1,585	1,427
Montana	106,270	96,433	14,273	8,619	2,953	1,865	606	154	76
Nebraska	242,416	191,479	29,808	18,843	5,607	3,455	1,278	384	241
Nevada	62,011	64,261	6,011	3,461	1,203	852	317	85	93
New Hampshire	146,752	119,239	12,542	7,647	2,211	1,618	608	226	232
New Jersey	1,572,962	1,633,789	111,897	69,029	18,374	13,812	6,265	2,227	2,190
New Mexico	126,576	110,804	14,117	7,900	3,028	2,080	759	233	117
New York	4,912,079	5,119,225	376,338	228,323	63,400	48,790	22,171	7,592	6,062
North Carolina	878,773	626,949	63,376	34,069	13,071	9,816	3,790	1,324	1,306
North Dakota	65,388	48,976	11,183	7,162	2,156	1,262	445	124	34
Ohio	2,593,738	2,781,804	157,570	89,396	30,231	21,902	9,347	3,329	3,365
Oklahoma	415,097	359,454	43,715	26,086	8,270	5,841	2,411	675	432
Oregon	352,481	346,735	37,252	23,049	6,508	4,719	1,932	619	425
Pennsylvania	3,047,101	2,935,026	187,853	105,460	36,806	25,882	11,117	4,294	4,294
Rhode Island	235,565	202,307	16,971	9,878	3,018	2,289	1,032	398	356
South Carolina	434,238	302,013	30,422	16,660	6,479	4,621	1,612	525	525
South Dakota	76,785	55,824	13,231	8,686	2,437	1,518	457	89	44
Tennessee	672,978	524,254	51,355	28,997	10,337	7,179	2,883	1,010	940
Texas	1,874,253	1,622,490	171,611	101,063	32,533	22,752	9,571	3,271	2,421
Utah	148,586	135,583	14,157	8,009	2,872	2,007	826	271	172
Vermont	76,886	61,293	7,952	4,838	1,456	1,030	418	107	103
Virginia	699,952	635,189	56,718	30,566	11,964	8,807	3,409	1,076	896
Washington	548,212	502,962	51,731	31,582	9,559	6,555	2,622	817	596
West Virginia	389,062	370,876	29,897	17,485	5,820	4,033	1,524	511	524
Wisconsin	900,393	886,299	73,412	45,562	12,826	9,280	3,444	1,154	1,146
Wyoming	62,381	46,702	7,567	4,547	1,502	1,073	345	88	32
Alaska	20,428	28,544	2,602	1,565	519	349	117	32	20
Hawaii	95,953	74,203	8,171	4,478	1,658	1,260	488	163	134
Puerto Rico	194,038	62,159	11,933	6,479	2,053	1,926	734	369	372
Virgin Islands	4,642	1,551	368	187	60	67	39	9	6

<sup>1</sup>Includes covered employment on ocean-borne vessels; not included in State figures.

Source: Department of Commerce, Bureau of the Census, and Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance; cooperative report, *County Business Patterns, First Quarter, 1956*, Part 1, U. S. Summary.

## No. 610.—ACTIVE CORPORATION ASSETS AND LIABILITIES: 1935 TO 1955

[Money figures in millions of dollars. See headnote, table 612]

ITEM	1935	1940	1945	1950	1953	1954	1955
Returns of active corporations, number.....	477, 113	473, 042	421, 125	629, 314	697, 975	722, 805	807, 303
Balance sheets, number <sup>1</sup> .....	415, 205	413, 716	374, 950	569, 961	640, 073	667, 856	746, 962
<b>Total assets or liabilities <sup>2</sup>.....</b>	<b>303, 150</b>	<b>320, 478</b>	<b>441, 461</b>	<b>598, 369</b>	<b>761, 877</b>	<b>805, 300</b>	<b>888, 621</b>
<b>ASSETS</b>							
Cash.....	23, 664	41, 423	57, 717	71, 018	80, 171	81, 723	87, 375
Notes and accounts receivable <sup>3</sup> .....	38, 690	42, 864	51, 630	108, 639	148, 283	158, 738	191, 779
Inventories.....	14, 788	19, 463	26, 067	54, 496	65, 519	62, 914	70, 920
Investments, government obligations <sup>4</sup> .....	21, 863	29, 570	129, 935	109, 822	123, 599	131, 409	131, 897
Other investments.....	90, 163	80, 429	74, 026	90, 760	147, 188	160, 553	179, 558
Capital assets <sup>5</sup> .....	100, 480	100, 214	92, 057	144, 690	180, 612	191, 437	206, 888
Other assets.....	13, 501	6, 514	10, 029	12, 944	16, 506	18, 527	20, 703
<b>LIABILITIES</b>							
Notes and accounts payable <sup>6</sup> .....	25, 332	22, 683	24, 663	47, 143	56, 948	61, 391	76, 048
Bonded debt and mortgages <sup>7</sup> .....	49, 822	49, 199	40, 987	65, 719	86, 007	90, 797	98, 399
Other liabilities.....	89, 066	110, 210	221, 286	261, 899	353, 141	374, 612	408, 726
Capital stock: <sup>8</sup>							
Preferred.....	19, 533	17, 138	14, 764	14, 906	15, 815	15, 632	15, 796
Common.....	82, 733	72, 292	64, 747	79, 310	88, 121	90, 730	96, 832
Surplus and undivided profits <sup>9</sup> .....	48, 828	61, 633	83, 585	137, 361	168, 901	172, 136	192, 820
Deficit <sup>10</sup> .....	12, 163	12, 676	8, 571	7, 968	7, 655	-----	-----
Net surplus.....	36, 665	48, 957	75, 014	129, 393	161, 246	172, 136	192, 820

<sup>1</sup> Excludes returns with fragmentary balance sheet data.<sup>2</sup> Adjustments are made in tabulating data as follows: (a) Reserves for depreciation, depletion, amortization, and bad debts, when reported under liabilities are used to reduce corresponding asset account, and "Total assets" and "Total liabilities" are decreased by amount of such reserves; and (b) a deficit in surplus, reported under assets, is transferred to liabilities, and "Total assets" and "Total liabilities" are decreased by amount of deficit.<sup>3</sup> Less reserve for bad debts. Includes loans and discounts of banks.<sup>4</sup> Comprises obligations of United States or any agency or instrumentality thereof; obligations of States, Territories, and political subdivisions thereof, District of Columbia, and United States possessions.<sup>5</sup> Less depreciation and depletion reserves. Includes land.<sup>6</sup> Beginning 1940, includes bonds, notes, and mortgages payable, with original maturity of less than 1 year.<sup>7</sup> Beginning 1940, represents "Bonded debt and mortgages" with original maturity of 1 year or more.<sup>8</sup> For balance sheets in which common and preferred stock are not reported separately, combined amount is tabulated as "Common stock."<sup>9</sup> Comprises sum of positive amounts of "Paid-in or capital surplus," "Earned surplus and undivided profits," and "Surplus reserves."<sup>10</sup> Comprises negative amounts for "Earned surplus and undivided profits."Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 611.—CURRENT ASSETS AND LIABILITIES OF U. S. CORPORATIONS: 1945 TO 1957

[In billions of dollars. As of December 31. Covers all U. S. corporations excluding banks, savings and loan associations, and insurance companies. 1945-1954 based on Bureau of Internal Revenue *Statistics of Income*, covering virtually all corporations in United States; for 1955-57 estimated (subject to revision), based on data compiled from many different sources, including data on corporations registered with Securities and Exchange Commission]

ASSETS AND LIABILITIES	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>Current assets, total.....</b>	<b>97.4</b>	<b>161.5</b>	<b>179.1</b>	<b>186.2</b>	<b>190.6</b>	<b>194.6</b>	<b>214.6</b>	<b>225.7</b>	<b>228.9</b>
Cash on hand and in banks.....	21.7	28.1	30.0	30.8	31.1	33.4	34.0	34.7	34.1
U. S. Government securities.....	21.1	19.7	20.7	19.9	21.5	19.2	23.3	18.6	16.9
Receivables from U. S. Government <sup>1</sup> .....	2.7	1.1	2.7	2.8	2.6	2.4	2.3	2.6	2.8
Other notes and accounts receivable.....	23.2	55.7	58.8	64.6	65.9	71.2	81.6	88.8	91.5
Inventories.....	26.3	55.1	64.9	65.8	67.2	65.3	70.0	77.3	79.3
Other current assets <sup>2</sup> .....	2.4	1.7	2.1	2.4	2.4	3.1	3.5	3.6	4.4
<b>Current liabilities, total.....</b>	<b>45.8</b>	<b>79.8</b>	<b>92.6</b>	<b>96.1</b>	<b>98.9</b>	<b>102.8</b>	<b>115.7</b>	<b>121.3</b>	<b>120.6</b>
Advances and prepayments, U. S. Government <sup>1</sup> .....	.9	.4	1.3	2.3	2.2	2.4	2.3	2.4	2.3
Other notes and accounts payable.....	24.8	47.9	53.6	57.0	57.3	61.4	69.9	74.9	74.3
Federal income tax liabilities.....	10.4	16.7	21.3	18.1	18.7	15.5	18.4	16.8	15.0
Other current liabilities.....	9.7	14.9	16.5	18.7	20.7	23.5	25.1	27.2	28.9
<b>Net working capital.....</b>	<b>51.6</b>	<b>81.6</b>	<b>86.5</b>	<b>90.1</b>	<b>91.8</b>	<b>91.8</b>	<b>98.9</b>	<b>104.4</b>	<b>108.4</b>

<sup>1</sup> Receivables from and payables to U. S. Government exclude amounts offsetting each other on corporation's books or amounts arising from subcontracting not directly due from or to U. S. Government. Wherever possible, adjustments have been made to include U. S. Government advances offsetting inventories on corporation's books.<sup>2</sup> Includes marketable securities other than U. S. Government.Source: Securities and Exchange Commission; Statistical Series, *Net Working Capital of U. S. Corporations*. Data are published quarterly.

# No. 612.—ACTIVE CORPORATION RECEIPTS, DEDUCTIONS, PROFITS, AND TAX: 1935 TO 1955

[In millions of dollars. Includes data for Alaska, District of Columbia, and Hawaii; based on income tax returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the 1939 Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934-41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940-41, by Pan American trade-corporations) and the restoration of this privilege in 1942. See source publications for effect of changes on statistical items. Data represent combined totals for returns reporting net income and those reporting no net income. Beginning 1951, data are based on a probability sample]

ITEM	1935	1940	1945	1950	1953	1954	1955
Returns of active corporations, number.....	477, 113	473, 042	421, 125	629, 314	697, 975	722, 805	807, 303
Returns with balance sheets by assets							
class, number.....	415, 205	413, 716	374, 950	569, 961	640, 073	667, 856	746, 962
Under \$50,000.....	227, 645	225, 000	177, 788	236, 854	261, 920	273, 045	299, 564
\$50,000 to \$99,999.....	58, 434	61, 053	61, 431	101, 645	115, 719	117, 001	131, 510
\$100,000 to \$249,999.....	58, 208	59, 059	60, 308	111, 503	127, 949	134, 299	150, 350
\$250,000 to \$499,999.....	28, 605	27, 832	27, 583	49, 735	55, 447	60, 356	70, 483
\$500,000 to \$999,999.....	18, 102	17, 505	17, 669	29, 093	31, 845	33, 617	39, 301
\$1,000,000 to \$4,999,999.....	18, 407	17, 627	22, 057	30, 643	33, 805	35, 770	40, 853
\$5,000,000 to \$9,999,999.....	2, 769	2, 603	3, 948	4, 987	6, 181	6, 324	6, 794
\$10,000,000 to \$49,999,999.....	2, 393	2, 266	3, 197	4, 217	5, 550	5, 718	6, 246
\$50,000,000 and over.....	742	771	969	1, 284	1, 657	1, 726	1, 861
Returns without balance sheets, number.....	61, 908	59, 326	46, 175	59, 353	57, 902	54, 949	60, 341
Compiled receipts, total <sup>1</sup> .....	114, 650	148, 237	255, 448	458, 130	558, 242	554, 822	642, 248
Gross sales.....	85, 332	114, 642	203, 575	374, 406	452, 061	443, 637	514, 864
Gross receipts from other operations.....	19, 790	24, 483	40, 455	65, 475	82, 607	85, 269	97, 819
Other taxable receipts.....	5, 801	8, 329	10, 904	17, 854	23, 250	25, 426	29, 015
Tax-exempt income:							
Dividends from domestic corporations.....	3, 014	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Interest on Government obligation <sup>3</sup> .....	714	783	513	394	425	491	550
Compiled deductions, total <sup>4</sup> .....	109, 227	138, 889	234, 102	415, 299	518, 441	518, 102	594, 299
Cost of goods sold.....	66, 279	86, 739	157, 377	284, 699	346, 149	339, 175	390, 323
Cost of operations.....	9, 190	12, 297	22, 666	36, 558	46, 528	50, 551	58, 242
Interest paid.....	3, 261	2, 701	2, 308	3, 212	5, 681	6, 271	7, 058
Taxes paid <sup>5</sup> .....	2, 628	4, 317	5, 585	9, 013	12, 195	12, 477	14, 203
Depreciation and depletion <sup>6</sup> .....	3, 701	4, 003	6, 620	9, 611	14, 328	16, 050	18, 815
Other deductions.....	24, 167	28, 832	39, 546	72, 206	93, 560	93, 579	105, 658
Compiled net profit or loss <sup>7</sup> .....	5, 423	9, 348	21, 345	42, 831	39, 801	36, 721	47, 949
Net income or deficit <sup>8</sup> .....	1, 696	8, 919	21, 139	42, 613	39, 485	36, 328	47, 478
Deduction due to net loss for prior year <sup>9</sup> .....	-----	123	114	345	413	438	836
Total tax <sup>10</sup> .....	735	2, 549	10, 795	17, 317	19, 869	16, 861	21, 741
Compiled net profit less total tax.....	4, 688	6, 800	10, 551	25, 514	19, 932	19, 860	26, 208
Dividends paid:							
Cash.....	5, 941	6, 089	6, 081	11, 553	11, 601	11, 913	13, 592
Stock.....	136	140	334	1, 292	1, 110	1, 350	1, 996

<sup>1</sup> Comprises gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Excludes nontaxable income other than tax-exempt interest received on certain Government obligations.

<sup>2</sup> Beginning 1936, "Dividends from domestic corporations" are taxable income, tabulated with "Other receipts."

<sup>3</sup> Beginning 1934, includes in addition to the wholly tax-exempt interest, that which is partially tax-exempt. Interest on Treasury notes issued on or after Dec. 1, 1940, and obligations issued on or after Mar. 1, 1941, by the United States or any agency or instrumentality thereof, is wholly taxable and is included in "Other receipts" for 1941-55.

<sup>4</sup> Beginning 1936, includes contributions or gifts (limited to 5 percent of net income before this deduction).

<sup>5</sup> Excludes (a) Federal income tax and Federal excess-profits taxes; (b) estate, inheritance, legacy, succession, and gift taxes; (c) income taxes paid to a foreign country or possession of United States, if any portion is claimed as a tax credit; (d) taxes assessed against local benefits; (e) Federal taxes paid on tax-free covenant bonds; and (f) taxes reported in "Cost of goods sold" and "Cost of operations." Beginning 1951, identifiable amounts of taxes included in "Cost of goods sold" and "Cost of operations" are transferred to "Taxes paid."

<sup>6</sup> Beginning 1940, includes amortization of emergency facilities.

<sup>7</sup> Compiled receipts less compiled deductions.

<sup>8</sup> Net income (or deficit) for 1935, represents taxable income less allowable deductions; beginning 1940, amount shown is before deduction due to net operating loss of prior years. For 1954-55, amount shown is also before other special statutory deductions.

<sup>9</sup> Deducted by corporations reporting net income.

<sup>10</sup> In addition to income tax, includes: Declared value excess-profits tax, 1933-45; defense tax, 1940; and excess profits tax under (a) provisions of Second Revenue Act of 1940, 1940-46, and (b) Excess Profits Tax Act of 1950, beginning July 1, 1950.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 613.—INCOME OF UNINCORPORATED ENTERPRISES, BY INDUSTRY: 1940 TO 1956

[In millions of dollars. Data represent net income of sole proprietorships and partnerships except that the trade figures include estimated patronage refunds and stock dividends paid by farmers' cooperatives. Income equals business receipts (exclusive of capital gains and expenses) less business expenses (exclusive of capital losses and depletion allowances)]

INDUSTRY	1940	1945	1950	1953	1954	1955	1956
All industries, total.....	13,055	30,941	37,274	39,361	38,614	39,449	40,177
Agriculture, forestry, and fisheries.....	4,633	11,072	13,532	13,597	13,033	12,216	12,006
Mining.....	59	108	213	216	200	221	231
Contract construction.....	689	1,088	2,739	2,974	3,212	3,493	3,126
Manufacturing.....	515	2,361	1,728	1,078	803	1,051	1,198
Wholesale and retail trade.....	3,863	9,676	11,156	12,225	11,688	12,255	12,774
Finance, insurance, and real estate.....	365	757	996	1,069	1,250	1,341	1,376
Transportation.....	285	426	607	812	806	856	940
Communications and public utilities.....	7	23	29	30	31	32	33
Services.....	2,639	4,530	6,274	7,360	7,591	7,984	8,493

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957, and *National Income Supplement*, 1954.

## No. 614.—CORPORATE INCOME BEFORE AND AFTER FEDERAL AND STATE INCOME AND EXCESS PROFITS TAXES, BY INDUSTRY: 1940 TO 1956

[In millions of dollars. Data represent earnings of corporations organized for profit which accrue to residents of the Nation, measured before and after Federal and State profit taxes, without deduction of depletion charges and exclusive of capital gains and losses. Profits accruing to residents are measured by eliminating intercorporate dividends from profits of domestic corporations and by adding the net receipts of dividends and branch profits from abroad. In other major respects, the definition of income is in accordance with Federal income tax regulations. The inclusion of depletion charges has an important effect on data for mining industries]

INDUSTRY	BEFORE FEDERAL AND STATE INCOME AND EXCESS PROFITS TAXES				AFTER FEDERAL AND STATE INCOME AND EXCESS PROFITS TAXES			
	1940	1950	1955	1956	1940	1950	1955	1956
All industries, total.....	9,320	39,970	42,473	43,008	6,486	22,141	20,953	21,049
Agriculture, forestry, and fisheries.....	15	157	30	26	5	68	-14	-19
Farms.....	18	157	(1)	(1)	9	73	(1)	(1)
Agricultural services, forestry, and fisheries.....	-3	0	(1)	(1)	-4	-5	(1)	(1)
Mining.....	418	1,374	1,225	1,319	344	961	814	882
Contract construction.....	70	541	484	513	44	287	206	212
Manufacturing.....	5,508	23,280	24,788	24,611	3,781	12,375	11,860	11,518
Food and kindred products.....	565	1,815	(1)	(1)	418	977	(1)	(1)
Textile-mill products.....	216	1,237	(1)	(1)	152	671	(1)	(1)
Chemicals and allied products <sup>1</sup> .....	643	2,625	(1)	(1)	439	1,323	(1)	(1)
Products of petroleum and coal <sup>2</sup> .....	277	1,726	(1)	(1)	227	1,212	(1)	(1)
Metals, metal products, and miscellaneous <sup>2</sup> .....	976	4,425	(1)	(1)	658	2,292	(1)	(1)
Machinery, except electrical <sup>2</sup> .....	672	1,994	(1)	(1)	437	1,046	(1)	(1)
Transportation equipment, except automobiles.....	267	364	(1)	(1)	163	195	(1)	(1)
Automobiles and automobile equipment.....	530	3,279	(1)	(1)	334	1,605	(1)	(1)
Other <sup>2</sup> .....	1,362	5,815	(1)	(1)	953	3,054	(1)	(1)
Wholesale and retail trade.....	1,124	6,276	4,530	4,589	795	3,578	2,085	2,065
Wholesale trade.....	495	2,860	(1)	(1)	353	1,609	(1)	(1)
Retail trade and automobile services.....	629	3,416	(1)	(1)	442	1,969	(1)	(1)
Finance, insurance, and real estate.....	490	2,662	3,953	4,037	278	1,271	1,727	1,822
Transportation.....	335	1,996	1,311	1,231	184	1,100	522	486
Communications and public utilities.....	1,021	2,189	3,979	4,312	760	1,244	1,940	2,080
Services.....	105	495	615	609	61	257	255	242
Rest of the world.....	234	1,000	1,558	1,761	234	1,000	1,558	1,761

<sup>1</sup> Not available.

<sup>2</sup> 1940 not fully comparable with figures shown for later years. See source.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957, and *National Income Supplement*, 1954.

## No. 615.—CORPORATE PROFITS, TAXES, AND DIVIDENDS: 1940 TO 1957

[In billions of dollars. See headnote, table 614. Taxes refer to Federal and State corporate income and excess profits taxes. Disbursements of tax refunds have been deducted from tax liability in year in which tax liability was incurred. Dividends represent amount of cash dividends disbursed to residents of the Nation, and therefore are measured after elimination of intercorporate dividends. Undistributed profits comprise difference between corporate profits after taxes and net dividend payments. Quarterly data are seasonally adjusted at annual rates]

YEAR	Profits before taxes	Income tax liability	Profits after taxes	Dividends	Undistributed profits
1940.....	9.3	2.8	6.5	4.0	2.4
1945.....	19.0	10.7	8.3	4.7	3.6
1947.....	29.5	11.3	18.2	6.5	11.7
1948.....	32.8	12.5	20.3	7.2	13.0
1949.....	26.2	10.4	15.8	7.5	8.3
1950.....	40.0	17.8	22.1	9.2	12.9
1951.....	41.2	22.5	18.7	9.1	9.6
1952.....	35.9	19.8	16.1	9.0	7.1
1953.....	37.0	20.3	16.7	9.3	7.4
1954.....	33.5	17.4	16.0	9.9	6.1
1955.....	42.5	21.5	21.0	11.0	9.9
1956.....	43.0	22.0	21.0	11.9	9.2
1957.....	41.2	21.0	20.2	12.1	8.0

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, July 1957 and May 1958, and *National Income Supplement*, 1954.

## No. 616.—PROFITS AND DIVIDENDS OF PUBLIC UTILITY CORPORATIONS: 1945 TO 1957

[In millions of dollars]

YEAR	RAILROAD <sup>1</sup>				ELECTRIC POWER <sup>4</sup>				TELEPHONE <sup>5</sup>			
	Operating revenue	Profits before taxes <sup>2</sup>	Profits after taxes <sup>3</sup>	Dividends	Operating revenue	Profits before taxes <sup>2</sup>	Profits after taxes <sup>3</sup>	Dividends	Operating revenue	Profits before taxes <sup>2</sup>	Profits after taxes <sup>3</sup>	Dividends
1945.....	8,902	756	450	246	3,632	905	534	407	1,979	433	174	162
1946.....	7,628	271	287	235	3,815	964	638	458	2,148	313	209	168
1947.....	8,685	777	479	236	4,291	954	643	494	2,283	215	138	131
1948.....	9,672	1,146	698	289	4,330	983	657	493	2,694	292	186	178
1949.....	8,530	700	438	252	5,069	1,129	757	560	2,967	333	207	213
1950.....	9,473	1,385	784	312	5,528	1,313	822	619	3,342	580	331	276
1951.....	10,391	1,260	693	328	6,058	1,482	814	651	3,729	691	341	318
1952.....	10,581	1,438	825	338	6,549	1,740	947	725	4,136	787	384	355
1953.....	10,664	1,436	903	412	7,136	1,895	1,030	780	4,525	925	452	412
1954.....	9,371	908	682	379	7,588	2,049	1,134	868	4,902	1,050	525	448
1955.....	10,106	1,341	927	448	8,360	2,304	1,244	942	5,425	1,282	638	496
1956.....	10,551	1,268	876	462	9,059	2,457	1,329	1,013	5,966	1,430	715	552
1957 (prel.).....	10,491	1,056	734	435	9,670	2,557	1,403	1,077	6,467	1,562	788	613

<sup>1</sup> Class I line-haul railroads, covering about 95 percent of all railroad operations.

<sup>2</sup> After all charges and before Federal income taxes and dividends.

<sup>3</sup> After all charges and taxes and before dividends.

<sup>4</sup> Class A and B electric utilities, covering about 95 percent of all electric power operations.

<sup>5</sup> Revenues and profits for telephone operations of Bell System Consolidated (including the 20 operating subsidiaries and Long Lines and General departments of American Telephone and Telegraph Company) and for 2 affiliated telephone companies, which together represent about 85 percent of all telephone operations. Dividends for the 20 operating subsidiaries and 2 affiliates.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



# No. 617.—ANNUAL SALES, PROFITS, AND DIVIDENDS OF LARGE MANUFACTURING CORPORATIONS: 1940 TO 1957

[In millions of dollars. Includes data for 200 corporations each with assets of \$10,000,000 and over, at the end of 1946. Profits before and after taxes are as published by the 200 companies except for certain adjustments, chiefly to exclude special charges and credits and intercorporate dividends where large. Series includes little or no representation of some important nondurable goods groups such as meatpacking, tobacco, and rubber]

INDUSTRY	1940	1945	1950	1953	1954	1955	1956	1957 (prel.)
Total (200 corporations):								
Sales.....	13,625	27,609	45,787	63,343	58,110	69,876	71,901	75,987
Profits before taxes.....	1,927	2,537	8,176	8,375	7,244	10,250	9,253	9,564
Profits after taxes.....	1,329	1,188	4,222	3,649	3,825	5,231	4,842	5,098
Dividends.....	902	901	2,339	2,154	2,384	2,827	2,972	3,115
Nondurable goods industries (94 corporations): <sup>1,2</sup>								
Sales.....	4,813	9,289	16,252	20,694	20,620	23,106	24,762	26,233
Profits before taxes.....	689	1,225	2,947	3,028	2,753	3,413	3,468	3,437
Profits after taxes.....	492	607	1,661	1,526	1,581	1,918	1,985	2,005
Dividends.....	377	396	977	972	1,064	1,202	1,249	1,323
Durable goods industries (106 corporations): <sup>3</sup>								
Sales.....	8,812	18,320	29,535	42,649	37,490	46,770	47,139	49,754
Profits before taxes.....	1,238	1,312	5,229	5,346	4,491	6,836	5,784	6,127
Profits after taxes.....	837	581	2,560	2,123	2,244	3,313	2,857	3,092
Dividends.....	525	505	1,362	1,182	1,320	1,625	1,724	1,792
Selected industries:								
Foods and kindred products (28 corporations): <sup>2</sup>								
Sales.....	1,516	3,171	4,402	5,411	5,476	5,833	6,300	6,621
Profits before taxes.....	179	412	532	465	462	499	561	602
Profits after taxes.....	136	163	289	212	224	244	275	294
Dividends.....	100	98	161	154	156	160	166	175
Chemicals and allied products (26 corporations): <sup>2</sup>								
Sales.....	1,388	2,708	4,817	6,373	6,182	7,222	7,726	8,203
Profits before taxes.....	318	457	1,178	1,308	1,153	1,535	1,500	1,555
Profits after taxes.....	206	199	597	520	593	782	776	798
Dividends.....	180	165	467	417	499	597	602	639
Petroleum refining (14 corporations): <sup>2</sup>								
Sales.....	1,145	2,117	4,359	5,883	6,015	6,556	7,185	7,814
Profits before taxes.....	97	211	712	841	751	854	916	887
Profits after taxes.....	84	185	492	603	567	624	688	701
Dividends.....	60	94	236	290	294	317	346	374
Primary metals and products (39 corporations):								
Sales.....	3,861	6,659	10,448	13,750	11,522	14,952	16,062	16,973
Profits before taxes.....	480	446	1,706	1,817	1,357	2,377	2,366	2,316
Profits after taxes.....	357	229	857	790	705	1,195	1,233	1,195
Dividends.....	180	194	378	377	407	522	606	651
Machinery (27 corporations):								
Sales.....	1,186	3,584	5,049	8,005	7,745	8,477	9,798	10,914
Profits before taxes.....	201	378	847	1,011	914	912	943	1,177
Profits after taxes.....	125	130	424	402	465	465	460	578
Dividends.....	94	94	208	237	263	281	321	329
Automobiles and equipment (15 corporations):								
Sales.....	3,073	5,663	11,969	16,611	14,137	18,826	16,336	17,480
Profits before taxes.....	435	324	2,332	2,078	1,789	3,023	1,940	2,112
Profits after taxes.....	277	153	1,101	758	863	1,394	898	1,060
Dividends.....	205	174	679	469	536	693	656	671

<sup>1</sup> Includes 26 companies not shown separately, as follows: textile-mill products (10); paper and allied products (15); and miscellaneous (1).

<sup>2</sup> For certain items, data for 1940 are partly estimated for 7 companies: foods (2); chemicals (2); petroleum, textiles, and paper (1 each).

<sup>3</sup> Includes 25 companies not shown separately, as follows: building materials (12); transportation equipment other than automobile (6); and miscellaneous (7).

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 618.—PROFITS OF ALL MANUFACTURING CORPORATIONS, BY ASSET SIZE CLASS: 1956 AND 1957

[Based on sample; see source for discussion of methodology]

ITEM	All asset sizes	Under \$1,000,000	\$1,000,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 to \$49,999,999	\$50,000,000 to \$99,999,999	\$100,000,000 and over
<b>PROFITS PER DOLLAR OF SALES (in cents)</b>							
<b>Before Federal income taxes:</b>							
1956: First quarter.....	10.2	4.1	6.9	8.9	9.7	10.8	13.1
Second quarter.....	10.3	5.0	6.9	8.8	10.2	10.9	12.8
Third quarter.....	9.0	5.1	6.9	8.6	9.6	10.8	10.5
Fourth quarter.....	9.3	2.7	5.9	7.7	9.6	10.1	11.9
1957: First quarter.....	9.7	3.5	6.3	7.4	9.1	9.8	12.4
Second quarter.....	9.4	4.2	6.3	8.4	9.1	9.7	11.6
Third quarter.....	8.5	4.2	6.0	8.1	8.6	9.4	10.3
Fourth quarter.....	7.6	1.5	3.9	6.1	7.5	8.1	10.2
<b>After Federal income taxes:</b>							
1956: First quarter.....	5.3	2.2	3.4	4.3	4.8	5.4	7.0
Second quarter.....	5.5	2.8	3.3	4.3	5.1	5.6	7.1
Third quarter.....	4.9	2.8	3.5	4.2	4.8	5.5	6.1
Fourth quarter.....	5.2	1.2	2.9	3.9	4.0	5.3	7.2
1957: First quarter.....	5.1	1.8	3.0	3.4	4.4	5.0	6.9
Second quarter.....	5.0	2.2	3.1	4.0	4.5	5.0	6.5
Third quarter.....	4.7	2.2	2.9	4.0	4.3	4.8	6.0
Fourth quarter.....	4.4	0.4	1.7	3.0	3.9	4.3	6.5
<b>ANNUAL RATE ON STOCK- HOLDERS' EQUITY (percent)</b>							
<b>Before Federal income taxes:</b>							
1956: First quarter.....	23.8	18.3	21.4	22.2	22.6	23.4	25.4
Second quarter.....	24.2	22.8	21.5	22.5	24.5	24.2	24.9
Third quarter.....	20.2	23.8	21.4	21.3	22.5	23.0	18.6
Fourth quarter.....	22.3	12.9	18.9	19.5	23.3	22.5	24.0
1957: First quarter.....	22.5	15.6	18.8	18.0	21.1	22.0	24.5
Second quarter.....	21.6	19.3	19.7	21.0	21.4	21.4	22.2
Third quarter.....	19.1	19.6	18.7	19.7	19.7	20.7	18.8
Fourth quarter.....	16.8	6.7	12.2	14.8	16.8	17.5	18.7
<b>After Federal income taxes:</b>							
1956: First quarter.....	12.5	9.8	10.6	10.7	11.1	11.8	13.7
Second quarter.....	13.0	12.9	10.4	10.9	12.2	12.3	13.9
Third quarter.....	11.0	13.0	10.7	10.4	11.1	11.6	10.8
Fourth quarter.....	12.6	5.8	9.1	9.8	11.8	11.8	14.5
1957: First quarter.....	11.9	7.8	8.9	8.4	10.2	11.1	13.6
Second quarter.....	11.6	10.4	9.6	10.1	10.5	11.1	12.4
Third quarter.....	10.5	10.4	9.1	9.7	9.8	10.4	10.9
Fourth quarter.....	9.8	1.9	5.4	7.3	8.7	9.2	11.8

Source: Federal Trade Commission and Securities Exchange Commission; *Quarterly Financial Report for Manufacturing Corporations*.

# No. 619.—CORPORATE DIVIDENDS PAID, BY INDUSTRIAL DIVISIONS: 1945 TO 1955

[In millions of dollars. See headnote, table 612]

INDUSTRY DIVISION <sup>1</sup>	1945		1950		1954		1955	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
All industrial divisions.....	6,080.8	334.4	11,553.0	1,292.5	11,913.4	1,350.0	13,592.4	1,995.5
Agriculture, forestry, and fishery.....	27.6	1.0	106.5	4.8	49.3	2.5	45.7	4.4
Mining and quarrying.....	159.8	1.9	552.8	10.5	740.8	18.9	784.6	55.7
Construction.....	29.5	3.2	82.7	27.9	75.3	30.9	85.7	30.1
Manufacturing.....	2,824.7	146.2	6,061.9	799.7	5,835.2	932.7	6,825.0	1,198.1
Public utilities.....	1,243.0	6.7	1,649.0	94.1	2,074.8	41.1	2,384.2	87.5
Trade.....	557.4	60.7	1,144.8	225.2	925.9	125.4	1,012.6	270.4
Finance, insurance, real estate, and lessors of real property.....	1,101.1	106.7	1,778.2	115.3	2,048.7	182.3	2,275.8	327.3
Services.....	132.3	7.9	172.2	14.8	159.2	16.0	176.9	23.0
Nature of business not allocable.....	5.5	.2	4.9	.2	4.1	.2	2.0	-----

<sup>1</sup> For changes in classification affecting comparability of data, see *Statistics of Income*, Part 2, for 1938 and 1948.  
Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.

## No. 620.—SOURCES AND USES OF CORPORATE FUNDS: 1948 TO 1957

[In billions of dollars. Covers nonfinancial business corporations only, excluding banking and insurance companies which are primarily suppliers of capital funds for business or intermediaries in flow of savings from consumers to business. Based on Securities and Exchange Commission and other financial data. Data through 1954 have been adjusted to Internal Revenue Service statistics. Minus sign (—) indicates a reduction in assets or liabilities]

USE OR SOURCE	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957 (prel.)
<b>Uses</b> .....	<b>28.3</b>	<b>16.5</b>	<b>45.3</b>	<b>39.1</b>	<b>30.1</b>	<b>28.8</b>	<b>20.4</b>	<b>44.8</b>	<b>41.7</b>	<b>36.7</b>
Increase in physical assets.....	23.0	12.7	26.7	31.0	23.3	25.4	20.4	29.2	37.8	34.1
Plant and equipment.....	18.8	16.3	16.9	21.6	22.4	23.9	22.4	24.2	29.9	32.7
Inventories (book value).....	4.2	-3.6	9.8	9.4	.9	1.5	-2.0	5.0	7.9	1.4
Increase in financial assets.....	5.3	3.8	18.6	8.1	6.7	3.4	(1)	15.6	3.9	2.6
Receivables.....	4.1	.6	13.8	4.7	5.8	1.1	1.2	10.3	7.6	2.8
Consumer.....	1.3	1.5	1.8	.8	2.2	1.8	.7	3.3	1.2	.9
Other.....	2.8	-9	12.0	3.9	3.6	-7	.5	7.0	6.4	1.9
Cash and U. S. Government securities.....	1.0	3.2	4.5	2.8	.1	2.1	-1.0	4.7	-4.0	-2.3
Cash (including deposits).....	.3	1.2	1.6	1.9	.8	.4	.8	.6	.7	.6
U. S. Government securities.....	.7	2.0	2.9	.9	-7	1.7	-1.8	4.1	-4.7	-1.7
Other assets.....	.2	(1)	.3	.6	.8	.2	-2	.6	.3	2.1
<b>Sources</b> .....	<b>29.0</b>	<b>15.3</b>	<b>43.5</b>	<b>38.8</b>	<b>30.1</b>	<b>28.9</b>	<b>20.4</b>	<b>45.6</b>	<b>41.9</b>	<b>36.9</b>
Internal sources.....	18.6	14.7	20.2	18.1	16.8	18.3	18.9	24.0	24.8	25.5
Retained profits <sup>2</sup> .....	12.4	7.6	12.4	9.1	6.4	6.5	5.4	8.8	8.1	6.8
Depreciation.....	6.2	7.1	7.8	9.0	10.4	11.8	13.5	15.2	16.7	18.7
External long-term sources.....	7.2	4.3	4.2	7.8	9.4	7.6	6.4	8.7	11.5	12.1
Stocks.....	1.2	1.6	1.7	2.7	3.0	2.3	2.1	2.5	3.0	3.4
Bonds.....	4.7	3.3	2.0	3.6	4.9	4.8	3.8	4.5	5.2	7.5
Other debt.....	1.3	-6	.5	1.5	1.5	.5	.6	1.7	3.3	1.2
Short-term sources.....	3.2	-3.7	19.1	12.9	3.9	2.9	-4.9	12.9	5.6	-7
Bank loans.....	.5	-1.7	2.1	3.9	1.6	-1	-1.1	3.0	2.2	.3
Trade payables.....	1.3	-3	8.8	2.7	2.7	.4	-1.1	5.4	2.9	-1.0
Federal income tax liabilities.....	1.0	-2.2	7.2	4.4	-2.8	.4	-3.0	2.8	-1.5	-1.8
Other.....	.4	.5	1.0	1.9	2.4	2.2	.3	1.7	2.0	1.8
<b>Discrepancy (uses less sources)</b> .....	<b>-7</b>	<b>1.2</b>	<b>1.8</b>	<b>.3</b>	<b>(1)</b>	<b>-1</b>	<b>(1)</b>	<b>-8</b>	<b>-2</b>	<b>-2</b>

<sup>1</sup> Less than \$50 million.

<sup>2</sup> Includes depletion.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, September 1957, and records.

## No. 621.—BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY QUARTERS: 1956 TO 1958

[In billions of dollars. Seasonally adjusted at annual rates. See also headnote, table 622]

INDUSTRY	1956				1957				1958		
	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June <sup>1</sup>	July-Sept. <sup>1</sup>
<b>Total</b> .....	<b>32.8</b>	<b>34.5</b>	<b>35.9</b>	<b>36.5</b>	<b>36.9</b>	<b>37.0</b>	<b>37.8</b>	<b>36.2</b>	<b>32.4</b>	<b>31.4</b>	<b>30.3</b>
Manufacturing.....	13.5	14.7	15.8	15.8	16.1	16.3	16.4	15.3	13.2	12.2	11.7
Durable goods.....	6.6	7.4	8.2	8.2	8.1	8.3	8.2	7.6	6.6	5.8	5.5
Nondurable goods.....	6.9	7.2	7.6	7.6	8.0	7.9	8.1	7.7	6.6	6.4	6.2
Mining.....	1.1	1.3	1.3	1.3	1.4	1.3	1.2	1.2	1.0	1.0	.9
Railroad.....	1.3	1.2	1.2	1.2	1.4	1.4	1.5	1.3	1.0	.8	.6
Transportation, other than rail.....	1.7	1.6	1.8	1.8	1.5	1.8	1.8	1.9	1.7	1.5	1.3
Public utilities.....	4.6	4.6	5.1	5.3	5.7	5.9	6.6	6.4	5.9	6.4	6.3
Commercial and other <sup>2</sup> .....	10.8	11.1	10.8	11.1	10.8	10.4	10.2	10.2	9.6	9.5	9.4

<sup>1</sup> Estimates based on anticipated capital expenditures as reported by business.

<sup>2</sup> Includes trade, service, finance, construction, and communications.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, June 1958.

## No. 622.—BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1939 TO 1958

[In millions of dollars. Excludes expenditures of agricultural business and outlays charged to current account]

INDUSTRY GROUP	1939	1945	1950	1953	1954	1955	1956	1957	1958 <sup>1</sup>
<b>Total</b> .....	5,512	8,692	20,605	23,322	26,827	28,701	35,081	36,962	32,074
<b>Manufacturing</b> .....	1,943	3,983	7,491	11,908	11,038	11,439	14,954	15,959	13,196
Durable goods industries.....	756	1,590	3,135	5,648	5,091	5,436	7,623	8,022	6,225
Primary iron and steel.....	122	198	599	1,210	754	863	1,268	1,722	1,266
Primary nonferrous metals.....	30	54	134	412	246	214	412	814	470
Electrical machinery and equipment.....	49	123	245	475	439	436	603	599	563
Machinery except electrical.....	100	316	411	797	694	809	1,078	1,275	1,178
Motor vehicles and equipment.....	133	262	510	989	1,295	1,128	1,689	1,058	768
Transportation equipment, excluding motor vehicles.....	42	56	82	180	191	274	440	544	460
Stone, clay and glass products.....	71	100	280	346	361	498	686	572	443
Other durable goods <sup>2</sup> .....	209	481	874	1,239	1,110	1,214	1,447	1,438	1,072
<b>Nondurable goods industries</b> .....	1,187	2,393	4,356	6,260	5,948	6,003	7,331	7,937	6,971
Food and beverages.....	243	434	760	812	765	718	799	850	753
Textile-mill products.....	136	209	450	378	331	366	465	408	252
Paper and allied products.....	67	116	327	409	455	518	801	811	622
Chemicals and allied products.....	176	376	771	1,428	1,130	1,016	1,455	1,724	1,621
Petroleum and coal products.....	403	879	1,587	2,668	2,684	2,798	3,135	3,453	3,106
Rubber products.....	38	118	102	161	131	150	201	200	170
Other nondurable goods <sup>3</sup> .....	124	261	359	404	451	437	475	491	437
<b>Mining</b> .....	326	383	707	986	975	957	1,241	1,243	1,053
Railroad.....	280	548	1,111	1,311	854	923	1,231	1,395	868
Transportation, other than rail.....	365	574	1,212	1,555	1,512	1,602	1,712	1,771	1,440
Public utilities.....	520	805	3,309	4,552	4,219	4,309	4,895	6,195	6,414
Communication.....	302	321	1,104	1,090	1,717	1,983	2,684	3,032	9,098
Commercial and other <sup>4</sup> .....	1,776	2,377	5,671	6,310	6,513	7,488	8,364	7,366	

<sup>1</sup> Estimates based on anticipated capital expenditures as reported by business from late January to early March 1958.<sup>2</sup> Comprises fabricated metal products, lumber products, furniture and fixtures, instruments, ordnance, and miscellaneous manufactures.<sup>3</sup> Comprises apparel and related products, tobacco, leather and leather products, and printing and publishing.<sup>4</sup> Comprises trade, service, finance, and construction.Source: Securities and Exchange Commission and Department of Commerce, Office of Business Economics. Data published quarterly in Statistical Series releases of the Securities and Exchange Commission and in *Survey of Current Business*.

## No. 623.—GROSS PRIVATE DOMESTIC INVESTMENT AND ITS COMPONENTS: 1929 TO 1957

[In billions of dollars. Consists of acquisitions of newly produced capital goods by private business and nonprofit institutions and of value of change in volume of inventories held by them; covers all private new dwellings, including those acquired by owner-occupants]

CLASS	1929	1933	1940	1950	1953	1954	1955	1956	1957 (prel.)
<b>Gross private domestic investment</b> .....	16.2	1.4	13.2	51.2	50.3	48.4	60.6	65.9	64.4
Nonfarm producers' plant and equipment <sup>1</sup> .....	9.3	2.2	6.9	25.5	31.9	30.5	33.3	39.5	42.0
Equipment <sup>2</sup> .....	5.2	1.5	4.9	18.5	21.6	20.0	21.2	25.7	27.6
Construction <sup>3</sup> .....	4.1	.8	2.0	7.0	10.3	10.5	12.1	13.8	14.4
Farm equipment and construction <sup>4</sup> .....	.9	.2	.8	4.2	4.4	4.1	4.1	4.0	4.4
Residential construction (nonfarm) <sup>5</sup> .....	3.6	.5	3.0	12.6	11.9	13.5	16.6	15.3	14.2
Other private construction <sup>6</sup> .....	.7	.1	.3	1.5	1.8	2.1	2.3	2.6	3.0
<b>Net change in business inventories</b> .....	1.7	-1.6	2.2	7.4	.3	-1.9	4.2	4.6	.8
Nonfarm.....	1.8	-1.4	1.9	6.9	.9	-2.4	4.0	5.0	.2
Farm.....	-.2	-.3	.3	.4	-.6	.5	.3	-.5	.6

<sup>1</sup> Items for 1940 and earlier years are not comparable with those for later years. (See footnotes 3 and 5.)<sup>2</sup> Total producers' durable equipment less farm machinery and equipment and farmers' purchases of tractors and business motor vehicles. These figures assume that farmers purchase 85 and 15 percent, respectively, of all tractors and motor vehicles used for productive purposes.<sup>3</sup> Industrial buildings, public utilities, gas- and oil-well drilling, warehouses, office and loft buildings, stores, restaurants, and garages. Includes hotel construction prior to 1950 only.<sup>4</sup> Farm construction (residential and nonresidential) plus farm machinery and equipment and farmers' purchases of tractors and business motor vehicles. (See footnote 2.)<sup>5</sup> Includes construction of hotels, tourist cabins, motor courts, and dormitories beginning 1950.<sup>6</sup> Comprises religious, educational, social and recreational, hospital and institutional, miscellaneous nonresidential, and all other private.Source: Department of Commerce, Office of Business Economics. Published in *Economic Report of the President*, January 1958.

# NO. 624.—PATENT APPLICATIONS AND PATENTS AND CERTIFICATES OF REGISTRATION: 1921 TO 1957

[Data comprise patents issued to citizens of United States and residents of foreign countries. On July 1, 1940, jurisdiction of prints and labels was transferred to the Copyright Office, Library of Congress, and data concerning them are compiled by that organization. For information on copyrights, see table 668, p. 526. See also *Historical Statistics, 1789-1945*, series P 176-187]

CALENDAR YEAR OR PERIOD	Patent applications <sup>1</sup>	PATENTS ISSUED					CERTIFICATES OF REGISTRATION ISSUED				
		Total	Patents	Plant patents	Designs	Reissues	Total <sup>2</sup>	Trade-marks	Trade-mark renewals	Labels	Prints
1921-1925 .....	428, 591	217, 525	203, 977	-----	12, 326	1, 222	81, 566	68, 881	<sup>3</sup> 2, 278	7, 361	3, 046
1926-1930 .....	459, 904	234, 857	219, 384	-----	13, 796	1, 677	97, 458	71, 469	12, 796	8, 738	4, 457
1931-1935 .....	342, 861	256, 219	239, 092	161	15, 079	1, 887	72, 721	52, 432	9, 220	8, 466	2, 803
1936-1940 .....	359, 544	229, 514	200, 902	275	26, 458	1, 879	71, 785	52, 709	8, 408	<sup>4</sup> 8, 128	<sup>4</sup> 2, 540
1941-1945 .....	294, 273	184, 573	164, 438	229	18, 883	1, 023	52, 203	34, 447	17, 756	-----	-----
1946-1950 .....	400, 342	163, 122	144, 160	335	18, 018	609	85, 654	61, 372	24, 282	-----	-----
1951-1955 .....	379, 053	209, 215	192, 808	441	15, 086	790	100, 971	83, 340	17, 631	-----	-----
1950 .....	74, 295	48, 009	43, 072	90	4, 718	129	20, 393	16, 829	3, 564	-----	-----
1951 .....	64, 949	48, 719	44, 363	58	4, 164	134	20, 730	17, 380	3, 350	-----	-----
1952 .....	68, 384	46, 890	43, 667	101	2, 959	163	19, 598	16, 179	3, 419	-----	-----
1953 .....	<sup>5</sup> 79, 486	43, 459	40, 516	78	2, 714	151	18, 720	15, 617	3, 103	-----	-----
1954 .....	82, 968	36, 664	33, 872	101	2, 536	155	19, 443	16, 952	3, 491	-----	-----
1955 .....	83, 266	33, 483	30, 480	103	2, 713	187	22, 480	18, 212	4, 268	-----	-----
1956 .....	80, 035	50, 085	46, 849	101	2, 977	158	24, 515	20, 759	3, 756	-----	-----
1957 .....	79, 242	45, 446	42, 805	129	2, 362	150	20, 977	17, 489	3, 488	-----	-----

<sup>1</sup> Comprises applications for patents for inventions, designs, and reissues of patents. Includes applications without fees.

<sup>2</sup> Beginning 1947, excludes trade-mark republications (under Trade-Mark Act of 1946) of trade-marks registered under prior acts.

<sup>3</sup> Data for year 1925.

<sup>4</sup> Figures for 1940 are for the 6-month period ended June 30, 1940.

<sup>5</sup> Because of change in reporting base, 1953 figures include applications received from Dec. 24, 1952, through Dec. 31, 1953.

Source: Department of Commerce, United States Patent Office; records. Fiscal year figures published in *Annual Report of the Secretary of Commerce*.

# NO. 625.—RESEARCH AND DEVELOPMENT IN THE NATURAL SCIENCES: 1954

[For fiscal year]

MAJOR SECTORS	AS SOURCES OF FUNDS (\$1,000,000)		AS PERFORMERS OF RESEARCH		
	For research and development	For basic research	Funds used (\$1,000,000)		Scientists and engineers employed <sup>1</sup>
			For research and development	For basic research	
<b>Total</b> .....	5, 370	435	5, 370	435	229, 000
Federal Government agencies .....	2, 810	158	970	47	35, 300
Industry-oriented organizations <sup>2</sup> .....	2, 370	179	3, 870	168	163, 500
Colleges and universities <sup>2</sup> .....	130	50	460	205	25, 200
Other nonprofit institutions <sup>2</sup> .....	50	38	70	14	2, 000

<sup>1</sup> For the most part, consists of full-time personnel plus full-time equivalent of personnel engaged part time in research.

<sup>2</sup> Includes Federal funds used and all research and development scientists and engineers employed at contract research centers administered by organizations in these sectors under contract with Federal agencies.

Source: National Science Foundation; records.

## No. 626.—RESEARCH AND DEVELOPMENT EXPENDITURES: 1945 TO 1957

[Government data derived from actual Federal budget expenditures for research and development plus estimates of procurement expenditures used for research and development. Other data derived from many government and nongovernment sources]

YEAR	Total	SOURCE OF FUNDS			USE OF FUNDS BY—		
		Government	Industry	University	Government	Industry	University
EXPENDITURES (\$1,000,000)							
1945.....	1,520	1,070	430	20	430	990	100
1950.....	2,870	1,610	1,180	80	570	1,980	320
1951.....	3,360	1,980	1,300	80	700	2,300	360
1952.....	3,750	2,240	1,430	80	800	2,530	420
1953.....	4,000	2,490	1,430	80	770	2,810	420
1954.....	4,140	2,460	1,600	80	700	3,020	420
1955.....	5,400	2,720	2,600	80	1,000	3,950	450
1956.....	6,500	3,170	3,250	80	1,110	4,920	470
1957.....	8,200	3,750	4,300	150	1,370	6,280	550
PERCENT OF TOTAL							
1945.....	100	70	28	2	28	65	7
1950.....	100	56	41	3	20	69	11
1951.....	100	59	39	2	21	68	11
1952.....	100	60	38	2	21	68	11
1953.....	100	62	36	2	19	70	11
1954.....	100	59	39	2	17	73	10
1955.....	100	50	48	2	19	73	8
1956.....	100	49	50	1	17	76	7
1957.....	100	46	52	2	17	76	7

Source: Department of Defense, Office of the Secretary.

## No. 627.—NET CHANGE IN BUSINESS INVENTORIES: 1929 TO 1957

[In millions of dollars. Net change in business inventories measures change in physical inventories, valued at average prices current during year. Difference between change in business inventories as thus measured and change in book value of inventories constitutes inventory valuation adjustment]

ITEM	1929	1933	1940	1945	1950	1954	1955	1956	1957 (prel.)
Net change in business inventories, total.....	1,674	-1,629	2,172	-1,057	7,351	-1,915	4,232	4,554	200
Farm.....	-162	-259	270	-462	923	404	271	-470	-600
Nonfarm.....	1,836	-1,370	1,902	-595	6,428	-2,409	3,961	5,024	800
Net change in nonfarm inventories.....	1,836	-1,370	1,902	-595	6,428	-2,409	3,961	5,024	800
Corporate.....	1,558	-871	1,586	-1,027	4,924	-2,293	3,248	5,356	(1)
Noncorporate.....	278	-499	316	432	1,504	-116	713	-332	(1)
Change in book value.....	1,222	1,298	2,147	75	12,426	-2,037	5,968	8,143	(1)
Corporate.....	1,086	1,272	1,786	-463	9,788	-1,975	4,997	7,915	(1)
Noncorporate.....	136	26	361	538	2,638	-62	971	228	(1)
Inventory valuation adjustment.....	614	-2,668	-245	-670	-5,998	-372	-2,007	-3,119	(1)
Corporate.....	472	-2,143	-200	-564	-4,864	-318	-1,749	-2,559	-1,500
Noncorporate.....	142	-525	-45	-106	-1,134	-54	-258	-590	(1)
Net change in nonfarm inventories by industrial groups.....	1,836	-1,370	1,902	-595	6,428	-2,409	3,961	5,024	800
Manufacturing.....	911	-578	1,218	-1,556	2,265	-2,750	1,904	4,346	(1)
Change in book value.....	598	828	1,357	-1,121	5,496	-2,426	3,262	5,943	1,700
Inventory valuation adjustment.....	313	-1,406	-139	-435	-3,231	-324	-1,358	-1,597	(1)
Wholesale trade.....	31	-39	183	580	1,356	182	444	423	(1)
Change in book value.....	-74	268	173	665	2,458	144	536	1,004	-300
Inventory valuation adjustment.....	105	-357	10	-105	-1,102	38	-92	-581	(1)
Retail trade.....	250	-488	482	272	2,404	-14	1,775	-209	(1)
Change in book value.....	77	220	563	358	3,653	57	2,025	508	700
Inventory valuation adjustment.....	173	-708	-81	-86	-1,249	-71	-250	-717	(1)
All other.....	644	-215	19	129	403	173	-162	464	(1)
Change in book value.....	621	-18	54	173	819	183	145	688	(1)
Inventory valuation adjustment.....	23	-197	-35	-44	-416	-15	-307	-224	(1)

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics: *Survey of Current Business*, July 1957 and *National Income Supplement*, 1954, and records.

## No. 628.—MANUFACTURING AND TRADE—SALES, INVENTORIES, AND ORDERS: 1940 TO 1958

[In billions of dollars. Data comprise all companies, both corporate and noncorporate, major activities of which are in manufacturing or trade. Farm and other nonfarm businesses not included. Beginning in 1953, retail trade estimates based on a new method of estimation adopted by Bureau of the Census. Wholesale trade estimates beginning 1950 are adjusted to the scope of the 1954 Census of Wholesale Trade and are not strictly comparable with data for prior years which were adjusted to the 1948 Census of Wholesale Trade.]

ITEM	1940	1945	1950	1953	1954	1955	1956	1957		1958, March
								Total	March	
<b>Manufacturing and trade sales</b>	<b>145.6</b>	<b>286.2</b>	<b>476.1</b>	<b>581.0</b>	<b>568.3</b>	<b>627.3</b>	<b>657.6</b>	<b>675.8</b>	<b>56.2</b>	<b>51.3</b>
Manufacturing, total	70.3	154.5	231.4	294.2	282.4	316.1	332.5	340.6	28.4	24.9
Durable goods	29.7	75.2	105.6	148.5	134.8	156.9	165.7	169.9	14.2	11.7
Nondurable goods	40.6	79.3	125.8	145.7	147.5	159.1	166.9	170.7	14.2	13.3
Wholesale trade, total	28.9	53.7	101.0	117.7	116.8	127.4	136.3	135.2	11.4	10.3
Durable goods	7.5	10.9	35.4	41.4	40.0	48.2	52.8	50.4	4.4	3.6
Nondurable goods	21.4	42.8	65.6	76.3	76.8	79.2	82.5	84.8	7.1	6.8
Retail trade, total	46.4	78.0	143.7	169.1	169.1	183.9	189.7	200.0	16.3	16.1
Durable goods	13.6	16.0	52.9	60.4	58.2	67.0	65.8	68.5	5.7	5.0
Nondurable goods	32.8	62.0	90.8	108.7	111.0	116.9	123.9	131.5	10.6	11.1
<b>Manufacturing and trade inventories, end of period (seasonally adjusted) book value</b>	<b>22.2</b>	<b>30.9</b>	<b>63.4</b>	<b>78.6</b>	<b>75.5</b>	<b>81.7</b>	<b>89.1</b>	<b>90.8</b>	<b>89.9</b>	<b>88.5</b>
Manufacturing, total	12.8	18.4	34.3	45.4	43.0	46.4	52.3	53.6	53.3	52.0
Durable goods	6.3	8.8	16.8	26.2	24.1	26.7	30.7	31.2	31.2	29.9
Nondurable goods	6.5	9.6	17.5	19.2	18.9	19.7	21.6	22.4	22.1	22.1
Wholesale trade, total	3.2	4.6	9.1	10.5	10.4	11.4	13.0	12.7	12.8	12.4
Durable goods	1.1	1.5	4.3	5.1	5.1	5.8	6.6	6.6	6.5	6.4
Nondurable goods	2.1	3.1	4.8	5.3	5.3	5.6	6.4	6.1	6.3	6.0
Retail trade, total	6.1	7.9	19.9	22.7	22.1	23.9	23.9	24.5	23.7	24.1
Durable goods	2.5	2.4	8.8	10.7	10.1	11.2	10.7	11.4	10.7	11.0
Nondurable goods	3.6	5.5	11.1	12.0	12.0	12.7	13.2	13.1	13.0	13.1
Ratio of inventories to sales: <sup>1</sup>										
Manufacturing, total	2.06	1.48	1.57	1.84	1.86	1.68	1.79	1.89	1.87	2.09
Durable goods	2.29	1.58	1.68	2.08	2.19	1.90	2.08	2.22	2.19	2.58
Nondurable goods	1.88	1.39	1.48	1.60	1.55	1.46	1.49	1.56	1.55	1.67
Wholesale trade, total	1.30	0.91	0.96	1.06	1.07	1.02	1.08	1.14	1.12	1.21
Durable goods	1.70	1.40	1.27	1.50	1.52	1.34	1.41	1.57	1.49	1.80
Nondurable goods	1.16	0.78	0.80	0.82	0.84	0.83	0.88	0.88	0.89	0.89
Retail trade, total	1.49	1.21	1.40	1.59	1.59	1.50	1.50	1.44	1.46	1.51
Durable goods	1.97	1.74	1.61	2.08	2.13	1.91	1.97	1.91	1.89	2.22
Nondurable goods	1.29	1.07	1.27	1.31	1.31	1.27	1.26	1.20	1.23	1.18
<b>Manufacturing inventories, end of period, by stages of fabrication (seasonally adjusted)</b>	<b>12.8</b>	<b>18.4</b>	<b>34.3</b>	<b>45.4</b>	<b>43.0</b>	<b>46.4</b>	<b>52.3</b>	<b>53.6</b>	<b>53.3</b>	<b>52.0</b>
Purchased materials	4.7	8.1	14.5	15.6	14.4	15.5	17.2	17.1	17.5	16.9
Goods in process	2.9	5.0	8.5	13.4	12.4	13.9	15.7	15.9	16.0	14.8
Finished goods	5.2	5.3	11.3	16.5	16.2	17.0	19.4	20.6	19.9	20.2
Durable goods	6.3	8.8	16.8	26.2	24.1	26.7	30.7	31.2	31.2	29.9
Purchased materials	2.1	3.2	6.1	7.4	6.5	7.4	8.7	8.4	8.7	8.1
Goods in process	2.0	3.5	6.0	10.7	9.8	11.1	12.8	12.8	13.0	11.9
Finished goods	2.2	2.1	4.7	8.1	7.7	8.2	9.2	10.0	9.4	9.8
Nondurable goods	6.5	9.6	17.5	19.2	18.9	19.7	21.6	22.4	22.1	22.1
Purchased materials	2.6	4.9	8.4	8.1	7.9	8.1	8.5	8.7	8.7	8.8
Goods in process	0.9	1.5	2.5	2.7	2.6	2.8	3.0	3.1	3.0	2.9
Finished goods	3.0	3.2	6.6	8.4	8.4	8.8	10.1	10.5	10.4	10.4
Ratio of inventories to sales: <sup>1</sup>										
Durable goods:										
Purchased materials	0.74	0.52	0.58	0.61	0.62	0.52	0.59	0.60	0.59	0.63
Goods in process	0.67	0.72	0.58	0.86	0.88	0.78	0.87	0.93	0.88	1.01
Finished goods	0.88	0.34	0.52	0.60	0.69	0.60	0.69	0.68	0.63	0.82
Nondurable goods:										
Purchased materials	0.74	0.73	0.65	0.69	0.65	0.60	0.60	0.62	0.59	0.65
Goods in process	0.24	0.22	0.22	0.23	0.21	0.21	0.21	0.21	0.20	0.22
Finished goods	0.90	0.44	0.61	0.68	0.69	0.65	0.69	0.73	0.70	0.77
<b>Manufacturing, new orders</b>	<b>81.7</b>	<b>126.4</b>	<b>251.8</b>	<b>277.3</b>	<b>269.8</b>	<b>326.0</b>	<b>339.9</b>	<b>327.4</b>	<b>28.1</b>	<b>24.8</b>
Durable goods	40.5	47.3	123.8	132.4	121.9	166.2	173.3	157.3	13.9	11.5
Nondurable goods	41.2	79.1	128.0	144.9	147.9	159.8	166.6	170.0	14.2	13.3
<b>Manufacturing, unfilled orders, end of period</b>	<b>18.4</b>	<b>20.9</b>	<b>41.1</b>	<b>59.5</b>	<b>46.9</b>	<b>56.9</b>	<b>64.2</b>	<b>51.0</b>	<b>63.2</b>	<b>47.5</b>
Durable goods	18.5	18.0	36.6	57.1	44.1	53.4	61.0	48.5	60.3	45.1
Nondurable goods	1.8	2.9	4.6	2.4	2.8	3.5	3.2	2.5	2.9	2.4

<sup>1</sup> Ratio of average inventories to average monthly sales; average inventories based on weighted averages of end of month figures.

Source: Department of Commerce, Office of Business Economics and Bureau of the Census; *Survey of Current Business* and records.

# No. 629.—PERCENT OF FIRMS SURVIVING TO SPECIFIED AGE, BY MAJOR INDUSTRY GROUP

[Based on 1947 to 1954 experience]

MAJOR INDUSTRY GROUP	0.5 year	1.5 years	2.5 years	3.5 years	4.5 years	5.5 years	6.5 years	7.5 years	8.5 years	9.5 years	10.5 years
All industries.....	77	54	41	34	29	26	24	23	21	20	19
Mining and quarrying.....	79	55	42	34	30	26	24	22	20	19	18
Contract construction.....	82	62	51	44	40	37	35	33	31	30	29
Manufacturing.....	82	60	46	38	33	29	26	24	23	22	20
Transportation, communication, and other public utilities.....	76	51	38	31	27	25	23	21	20	19	19
Wholesale trade.....	85	67	56	48	43	40	37	35	34	32	31
Retail trade.....	74	49	36	29	25	22	20	19	18	17	16
Finance, insurance, and real estate.....	84	66	54	47	42	38	35	33	32	30	29
Service industries.....	77	53	40	33	28	25	23	22	21	20	19

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, December 1955.

# No. 630.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1921 TO 1957

[Excludes all railroad failures. Series revised beginning 1933 to exclude real estate and financial companies. These revisions bring "Failures" more nearly in accordance with type of concerns covered by "Total concerns in business," in which no changes were made. Beginning 1939, new series includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series. Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account]

YEAR OR YEARLY AVERAGE	Total concerns in business <sup>1</sup>	Fail- ures	Current liabilities (\$1,000)	Aver- age liability	YEAR	Total concerns in business <sup>1</sup>	Fail- ures	Current liabilities (\$1,000)	Aver- age liability
1921-1925.....	2,013,406	20,775	555,531	\$26,740	1940.....	2,156,450	13,619	166,684	\$12,239
1926-1930.....	2,184,996	23,605	514,086	21,779	1941.....	2,170,615	11,848	135,104	11,488
1931-1935.....	2,023,875	20,860	553,386	26,526	1942.....	2,151,549	9,405	100,703	10,713
1936-1940.....	2,088,185	12,004	196,427	16,282	1943.....	2,023,007	3,221	45,339	14,076
1941-1945.....	2,021,860	5,301	68,852	12,988	1944.....	1,855,033	1,222	31,660	25,908
1946-1950.....	2,492,660	5,652	212,595	44,733	1945.....	1,909,095	809	30,225	37,361
1951-1955.....	2,635,407	9,317	369,804	39,322	1946.....	2,141,807	1,129	67,349	59,654
1930.....	2,183,008	20,355	668,282	25,357	1947.....	2,404,883	3,474	204,612	58,898
1931.....	2,125,288	28,285	736,310	26,032	1948.....	2,550,018	5,250	234,620	44,690
1932.....	2,076,580	31,822	928,313	29,172	1949.....	2,679,306	9,246	308,109	33,323
1933 <sup>2</sup> .....	1,960,701	80,507	502,890	\$4,761	1950.....	2,686,786	9,162	248,283	27,099
1933 <sup>2</sup> .....	1,960,701	19,859	457,520	23,038	1951.....	2,607,977	8,058	259,547	32,210
1934.....	1,973,900	12,091	333,959	27,621	1952.....	2,637,004	7,611	283,314	37,224
1935.....	1,982,905	12,244	310,580	25,866	1953.....	2,666,080	8,862	394,153	44,477
1936.....	2,009,935	9,607	203,173	21,148	1954.....	2,632,312	11,086	462,628	41,731
1937.....	2,056,598	9,490	183,253	19,810	1955.....	2,633,063	10,909	449,380	40,908
1938.....	2,101,933	12,836	246,505	19,204	1956.....	2,628,910	12,686	562,697	44,356
1939 <sup>2</sup> .....	2,116,008	11,468	168,204	14,744	1957.....	2,652,248	13,730	615,293	44,784
1939 <sup>2</sup> .....	2,116,008	14,768	182,520	12,369					

<sup>1</sup> Represents number of names listed in July issue of *Dun & Bradstreet Reference Book*. See table 631 for class of industries covered.

<sup>2</sup> See headnote regarding revisions. Figures in italics are comparable with preceding years.

Source: Dun & Bradstreet, Inc., New York, N. Y.



No. 631.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRY AND SIZE OF LIABILITY: 1954 TO 1957

[Liabilities in thousands of dollars. See headnote, table 630]

INDUSTRY AND SIZE OF LIABILITY	NUMBER				CURRENT LIABILITIES			
	1954	1955	1956	1957	1954	1955	1956	1957
<b>Total</b> .....	11,086	10,969	12,686	13,739	462,628	449,380	562,697	615,293
<b>Mining and manufacturing</b> .....	2,282	2,202	2,285	2,411	171,284	156,945	191,230	196,841
By industry:								
Mining—Coal, oil, miscellaneous.....	42	55	42	75	8,007	5,156	8,193	11,588
Food and kindred products.....	179	165	188	183	10,089	14,198	10,366	11,407
Textile-mill products and apparel.....	543	508	537	500	28,082	25,334	34,536	30,447
Lumber and products.....	336	336	401	504	18,584	13,658	22,898	25,087
Paper, printing, and publishing.....	129	114	123	136	12,274	6,700	7,542	9,609
Chemicals and allied products.....	75	49	61	56	5,634	3,454	12,607	5,400
Leather and products.....	103	80	84	77	6,868	4,358	5,519	7,460
Stone, clay, and glass products.....	60	49	33	56	2,232	1,821	4,720	3,015
Iron, steel, and products.....	115	120	139	113	10,437	14,219	12,056	27,803
Machinery.....	301	291	259	254	37,874	37,278	30,172	27,477
Transportation equipment.....	51	47	64	76	5,938	5,327	5,209	8,869
Miscellaneous.....	348	390	354	381	18,665	25,382	37,412	28,619
By size of liability:								
Under \$5,000.....	211	188	213	229	617	565	643	720
\$5,000 to \$25,000.....	936	905	916	947	11,787	11,617	11,215	11,722
\$25,000 to \$100,000.....	766	764	736	785	37,400	36,288	36,537	38,029
\$100,000 and over.....	309	345	420	450	121,420	108,475	142,835	146,370
<b>Wholesale trade</b> .....	1,132	1,164	1,207	1,236	56,338	57,682	74,710	77,937
By industry:								
Food and farm products.....	298	274	300	283	14,088	12,685	12,787	18,724
Apparel.....	46	62	49	43	1,595	2,176	2,241	2,531
Dry goods.....	60	54	47	34	2,377	4,107	1,808	1,375
Lumber, building materials, hardware.....	113	135	147	150	5,019	7,014	18,121	8,788
Chemicals and drugs.....	47	36	45	47	1,334	1,187	1,460	2,062
Motor vehicles and auto equipment.....	56	68	66	74	1,833	2,020	3,576	3,401
Miscellaneous.....	512	535	553	605	30,142	28,543	34,717	41,086
By size of liability:								
Under \$5,000.....	105	97	109	109	303	282	326	301
\$5,000 to \$25,000.....	498	535	516	495	6,784	7,103	6,662	6,357
\$25,000 to \$100,000.....	406	412	440	475	19,331	19,690	21,089	23,210
\$100,000 and over.....	123	120	142	157	29,940	30,607	46,633	48,060
<b>Retail trade</b> .....	5,491	5,339	6,341	6,895	145,473	121,619	156,048	186,847
By industry:								
Food and liquor.....	1,004	1,053	1,102	1,096	14,805	19,556	18,773	24,104
General merchandise.....	192	193	274	265	7,052	5,193	9,626	11,620
Apparel and accessories.....	808	865	1,161	1,122	15,153	17,774	28,762	24,490
Furniture, home furnishings.....	906	719	793	1,004	43,419	21,072	26,696	37,334
Lumber, building materials, hardware.....	311	324	380	469	9,844	10,367	11,256	13,705
Automotive group.....	616	544	727	885	20,604	12,915	22,191	24,279
Eating and drinking places.....	985	956	1,149	1,279	18,683	20,330	23,914	28,543
Drug stores.....	161	128	165	162	4,839	2,574	3,486	3,986
Miscellaneous.....	508	557	590	613	11,074	11,838	11,344	18,786
By size of liability:								
Under \$5,000.....	1,008	1,121	1,314	1,265	3,014	3,273	3,758	3,684
\$5,000 to \$25,000.....	3,159	2,936	3,407	3,761	38,074	35,078	40,154	45,693
\$25,000 to \$100,000.....	1,138	1,101	1,399	1,598	50,054	48,197	59,661	70,413
\$100,000 and over.....	186	181	221	271	54,331	35,071	52,475	67,057
<b>Construction</b> .....	1,305	1,404	1,834	2,105	56,829	83,179	100,803	110,312
By industry:								
General building contractors.....	456	443	708	805	29,757	39,827	54,115	64,425
Building subcontractors.....	793	880	1,030	1,175	23,707	34,485	41,400	36,465
Other contractors.....	56	81	96	125	3,305	8,867	5,288	9,421
By size of liability:								
Under \$5,000.....	146	162	180	214	453	507	499	629
\$5,000 to \$25,000.....	608	615	779	918	7,985	8,250	10,463	12,162
\$25,000 to \$100,000.....	431	462	644	739	20,213	21,779	31,597	34,700
\$100,000 and over.....	120	165	231	234	28,178	52,663	58,244	62,821
<b>Commercial service</b> .....	876	860	1,019	1,092	32,704	29,955	39,906	43,356
By industry:								
Passenger and freight transportation.....	282	255	295	367	14,461	11,870	13,693	13,614
Miscellaneous public services.....	40	30	34	48	1,746	4,028	3,613	2,723
Hotels.....	37	41	65	59	2,614	5,901	11,127	8,955
Cleaning, dyeing, repairing.....	105	95	99	112	1,838	1,229	2,097	2,117
Laundries.....	41	50	53	39	1,174	1,344	1,203	1,771
Undertakers.....	5	8	8	7	32	401	60	179
Other personal services.....	61	61	82	64	2,124	536	1,385	1,026
Business and repair services.....	305	320	383	396	8,715	4,046	6,728	12,971
By size of liability:								
Under \$5,000.....	170	217	216	184	477	629	608	574
\$5,000 to \$25,000.....	439	421	534	578	5,514	5,077	6,507	7,078
\$25,000 to \$100,000.....	205	177	212	250	9,346	8,049	10,093	11,824
\$100,000 and over.....	62	45	57	80	17,367	16,200	22,698	23,880

# No. 632.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1955 TO 1957

STATE	TOTAL CONCERNS IN BUSINESS <sup>1</sup>			FAILURES						
				Number			As per- cent of con- cerns in busi- ness, 1957	Current liabilities (\$1,000)		
	1955	1956	1957	1955	1956	1957		1955	1956	1957
United States.....	2,633,063	2,628,910	2,652,248	10,969	12,686	13,739	0.52	449,380	562,697	615,293
New England.....	179,707	178,873	184,146	720	700	757	0.41	33,512	42,174	52,866
Maine.....	15,908	15,011	15,855	35	27	29	0.18	1,234	705	1,650
New Hampshire.....	9,352	9,423	9,275	23	18	26	0.28	1,075	589	1,268
Vermont.....	6,909	6,799	6,007	6	13	12	0.18	394	1,858	400
Massachusetts.....	90,413	90,809	94,738	385	337	317	0.33	20,775	20,797	15,188
Rhode Island.....	16,184	15,880	15,816	107	151	157	0.99	4,629	7,259	5,756
Connecticut.....	40,941	40,351	41,855	164	154	216	0.52	5,405	10,906	28,604
Middle Atlantic.....	561,416	557,819	549,230	3,749	4,189	4,259	0.78	159,570	192,030	206,819
New York.....	277,611	275,866	273,961	2,737	2,875	2,948	1.08	106,482	124,909	134,193
New Jersey.....	96,993	96,661	95,179	456	582	565	0.59	29,753	33,919	39,604
Pennsylvania.....	186,812	185,292	180,000	556	732	746	0.41	23,335	33,121	33,022
East North Central.....	538,225	532,225	531,035	1,464	1,724	2,019	0.38	60,628	86,542	94,243
Ohio.....	135,478	132,700	135,672	393	512	572	0.42	15,599	29,310	28,272
Indiana.....	68,235	67,439	67,045	94	84	127	0.19	5,228	4,872	7,149
Illinois.....	160,280	156,075	154,606	428	457	548	0.35	16,907	28,292	30,002
Michigan.....	101,074	102,130	101,330	211	413	512	0.51	14,435	17,009	20,736
Wisconsin.....	73,158	72,881	71,692	338	258	260	0.36	8,459	6,969	8,024
West North Central.....	273,339	269,967	266,697	372	469	529	0.20	16,851	30,909	23,780
Minnesota.....	56,896	55,511	54,568	136	137	160	0.29	7,061	4,730	7,130
Iowa.....	51,586	51,768	51,412	56	92	68	0.13	2,143	3,448	2,848
Missouri.....	72,941	71,081	71,397	93	108	125	0.18	3,005	16,481	7,002
North Dakota.....	11,559	11,237	10,844	6	12	13	0.12	559	386	298
South Dakota.....	13,233	12,890	12,171	6	12	20	0.16	118	287	578
Nebraska.....	29,002	28,785	28,046	20	36	40	0.14	2,366	1,397	951
Kansas.....	38,122	38,705	38,259	55	72	103	0.27	1,599	4,180	4,973
South Atlantic.....	320,572	327,631	336,559	890	1,138	1,219	0.36	43,023	37,037	50,952
Delaware.....	6,842	6,047	6,481	5	10	14	0.22	129	278	998
Maryland.....	36,206	36,532	35,832	138	153	155	0.43	5,286	7,892	6,870
Dist. of Columbia.....	9,786	9,139	9,258	47	50	36	0.39	6,967	1,250	1,340
Virginia.....	47,288	45,702	46,929	76	114	115	0.25	3,266	4,787	6,898
West Virginia.....	27,280	26,960	27,354	91	81	69	0.25	3,144	1,811	2,001
North Carolina.....	60,086	61,518	62,262	65	126	117	0.19	3,313	4,440	4,345
South Carolina.....	24,956	25,872	27,397	66	77	107	0.39	2,225	1,589	2,246
Georgia.....	46,213	48,662	51,002	147	153	208	0.41	6,944	5,212	8,443
Florida.....	61,915	66,299	70,044	255	374	398	0.57	11,749	9,769	17,811
East South Central.....	145,445	143,295	145,188	289	359	438	0.30	16,689	13,730	14,956
Kentucky.....	42,367	41,532	42,750	43	60	52	0.12	1,694	2,407	2,207
Tennessee.....	43,451	42,438	43,047	129	104	195	0.45	8,717	7,223	6,997
Alabama.....	34,427	33,400	33,769	57	69	86	0.25	4,392	2,044	2,355
Mississippi.....	25,210	25,925	25,622	60	66	105	0.41	1,886	2,066	3,397
West South Central.....	251,702	256,494	265,056	379	563	792	0.30	16,073	38,771	41,716
Arkansas.....	28,903	28,222	28,009	36	29	67	0.24	941	607	2,727
Louisiana.....	38,973	41,411	42,815	89	141	192	0.45	2,936	5,399	10,812
Oklahoma.....	38,680	38,891	38,606	48	69	67	0.17	2,107	3,668	3,953
Texas.....	145,146	147,970	155,626	206	324	466	0.30	10,089	29,097	24,224
Mountain.....	100,501	101,351	103,960	295	434	429	0.41	13,249	21,161	18,968
Montana.....	11,682	11,922	12,153	21	27	19	0.16	248	643	456
Idaho.....	10,652	10,481	10,426	12	23	23	0.22	477	582	772
Wyoming.....	6,409	6,475	6,410	11	8	10	0.16	608	127	530
Colorado.....	30,080	30,648	31,230	86	142	132	0.42	3,948	4,323	6,923
New Mexico.....	12,843	12,461	13,246	18	26	18	0.14	1,706	828	2,125
Arizona.....	12,343	13,108	13,838	93	94	125	0.90	2,177	4,418	4,101
Utah.....	12,613	12,260	12,424	24	61	59	0.47	1,995	1,974	1,792
Nevada.....	3,679	3,996	4,233	30	53	43	1.02	2,490	8,266	2,263
Pacific.....	262,156	261,255	270,377	2,811	3,110	3,297	1.22	89,785	100,343	110,993
Washington.....	42,393	41,289	42,534	217	335	401	0.94	6,204	9,772	10,444
Oregon.....	28,724	28,202	29,009	120	282	538	1.85	4,146	11,316	13,818
California.....	191,039	191,764	198,834	2,474	2,493	2,358	1.19	79,435	79,255	86,731

<sup>1</sup> Represents number of names listed in July issue of the *Dun & Bradstreet Reference Book*. See table 631 for class of industries covered.

Source: Dun & Bradstreet, Inc., New York, N. Y.

**No. 633.—MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS  
ACQUIRED: 1919 TO 1957**

[Data limited to actions reported by Moody's Investors Service and Standard and Poor's Corporation]

YEAR	Number	YEAR	Number	YEAR	Number	YEAR	Number
1919.....	438	1929.....	1,245	1939.....	87	1949.....	126
1920.....	760	1930.....	799	1940.....	140	1950.....	219
1921.....	487	1931.....	464	1941.....	111	1951.....	235
1922.....	309	1932.....	203	1942.....	118	1952.....	283
1923.....	311	1933.....	120	1943.....	213	1953.....	295
1924.....	368	1934.....	101	1944.....	324	1954.....	387
1925.....	554	1935.....	130	1945.....	333	1955.....	525
1926.....	856	1936.....	126	1946.....	419	1956.....	537
1927.....	870	1937.....	124	1947.....	404	1957.....	490
1928.....	1,058	1938.....	110	1948.....	223		

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and records.

**No. 634.—MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS  
ACQUIRED, BY SIZE OF ASSETS OF ACQUIRING CONCERN: 1948 TO 1957**

[See headnote, table 633]

ASSETS OF ACQUIRING CONCERN	1948-1954		1955		1956		1957	
	Number acquired	Per- cent	Number acquired	Per- cent	Number acquired	Per- cent	Number acquired	Per- cent
<b>Total.....</b>	<b>1,773</b>	<b>100.0</b>	<b>525</b>	<b>100.0</b>	<b>537</b>	<b>100.0</b>	<b>490</b>	<b>100.0</b>
Under \$1,000,000.....	56	3.2	5	0.9	6	1.1	5	1.0
\$1,000,000 to \$4,999,999.....	236	13.3	45	8.6	58	10.8	56	11.4
\$5,000,000 to \$9,999,999.....	246	13.9	65	12.4	63	11.7	62	12.7
\$10,000,000 to \$49,999,999.....	640	36.1	182	34.7	176	32.8	177	36.1
\$50,000,000 and over.....	522	29.4	172	32.7	178	33.2	144	29.4
Assets unknown.....	73	4.1	56	10.7	56	10.4	46	9.4

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and records.

**No. 635.—MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS  
ACQUIRED, BY INDUSTRY GROUP OF ACQUIRING CONCERN: 1948 TO 1957**

[See headnote, table 633]

INDUSTRY GROUP OF ACQUIRING CONCERN	1948- 1957, total	1950	1951	1952	1953	1954	1955	1956	1957
<b>Total.....</b>	<b>3,325</b>	<b>219</b>	<b>235</b>	<b>288</b>	<b>294</b>	<b>388</b>	<b>525</b>	<b>537</b>	<b>490</b>
Mining.....	181	11	13	14	8	12	34	35	31
Manufacturing:									
Food and kindred products.....	382	35	29	35	40	54	54	53	32
Tobacco manufacturers.....	13			2			2	3	4
Textiles and apparel.....	209	14	18	22	17	22	32	34	26
Lumber and furniture.....	61	6	11	2	4	5	5	11	5
Paper and allied products.....	129	5	7	8	14	14	18	21	30
Printing and publishing.....	40	3	5	4	1	6	4	8	4
Chemicals.....	298	15	22	27	38	37	42	53	35
Petroleum and coal products.....	59	8	2	3	2	7	7	13	4
Rubber products.....	38	2	4	3		8	4	5	6
Leather products.....	30		2	7	9	2	3	5	1
Stone, clay, and glass products.....	123	9	10	14	15	14	18	13	22
Primary metals.....	172	11	12	9	9	15	40	23	31
Fabricated metals.....	279	20	20	26	33	39	45	27	46
Machinery, except electrical.....	464	32	33	32	35	56	79	79	57
Electrical machinery.....	235	13	15	19	17	19	45	39	40
Transportation equipment.....	235	20	15	21	27	26	39	46	25
Professional and scientific instruments.....	89	4	9	8	7	13	12	14	16
Miscellaneous manufactures.....	71	3		6	1	8	16	12	23
Nonmanufacturing.....	217	8	8	26	13	31	26	43	52

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and records.

## No. 636.—BANKRUPTCY CASES FILED AND PENDING: 1905 TO 1957

[For years ending June 30. Covers only 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
1905.....	16,946	27,957	1936.....	60,624	62,527	1947.....	13,170	17,296
1910.....	18,063	25,302	1937.....	57,485	54,443	1948.....	18,510	25,064
1915.....	27,632	43,515	1938.....	57,306	54,277	1949.....	26,021	30,566
1920.....	13,558	29,728	1939.....	50,997	53,172	1950.....	33,392	38,376
1925.....	45,641	59,959	1940.....	52,320	54,740	1951.....	35,193	40,922
1930.....	62,845	61,410	1941.....	56,335	55,506	1952.....	34,873	36,184
1931.....	65,335	66,423	1942.....	52,109	52,945	1953.....	40,087	38,786
1932.....	70,049	72,970	1943.....	34,711	39,893	1954.....	53,136	48,428
1933.....	62,256	68,195	1944.....	19,533	28,243	1955.....	59,404	55,592
1934.....	58,888	63,482	1945.....	12,862	21,461	1956.....	62,086	59,364
1935.....	69,153	65,347	1946.....	10,196	17,388	1957.....	73,761	68,459

Source: Administrative Office of the United States Courts; *Tables of Bankruptcy Statistics*, 1940 to date; earlier years, annual reports of the Attorney General of the United States.

## No. 637.—BANKRUPTCY CASES FILED, BY TYPE OF BANKRUPTCY: 1940 TO 1957

[For years ending June 30. Covers only U. S. District Courts. The majority of cases filed are voluntary straight bankruptcy petitions filed by employees and individuals not engaged in business (see table 638)]

YEAR	Total	STRAIGHT BANKRUPTCIES		Corporate reorganization <sup>1</sup>	Arrangements <sup>2</sup>	Wage earners' plans <sup>3</sup>	Other
		Voluntary	Involuntary				
1940.....	52,320	43,902	1,752	320	1,139	3,247	1,900
1945.....	12,862	11,101	264	72	46	1,248	131
1950.....	33,392	25,263	1,369	134	614	6,007	5
1951.....	35,193	26,594	1,099	88	481	6,924	7
1952.....	34,873	25,890	1,059	74	434	7,397	19
1953.....	40,087	29,815	1,064	86	452	8,670	2
1954.....	53,136	41,335	1,398	104	661	9,634	4
1955.....	59,404	47,650	1,249	73	566	9,864	2
1956.....	62,086	50,655	1,240	40	612	9,535	4
1957.....	73,761	60,335	1,139	65	623	11,549	—

<sup>1</sup> Includes petitions filed under Chapter X (Corporate Reorganization) of the National Bankruptcy Act.

<sup>2</sup> Includes petitions filed under Chapter XI (Arrangements) and Chapter XII (Real Estate Arrangements) of the National Bankruptcy Act.

<sup>3</sup> Includes petitions filed under Chapter XIII (Wage Earners' Plans) of the National Bankruptcy Act.

## No. 638.—BANKRUPTCY CASES FILED, BY OCCUPATION OF DEBTOR: 1950 TO 1957

[For years ending June 30. Covers only U. S. District Courts]

YEAR	Total	Merchants	Manufacturers	Farmers	Employees	Members of professions	OTHER	
							In business	Not in business
1950.....	33,392	2,565	803	290	22,933	126	4,568	2,107
1951.....	35,193	2,360	522	205	25,984	127	4,173	1,822
1952.....	34,873	2,319	532	196	26,527	137	3,358	1,804
1953.....	40,087	2,402	518	214	31,253	140	3,498	2,062
1954.....	53,136	3,191	745	322	40,889	154	4,476	3,359
1955.....	59,404	3,317	750	386	46,163	217	4,515	4,056
1956.....	62,086	3,155	730	400	48,784	212	4,981	3,824
1957.....	73,761	3,160	665	403	59,053	204	5,712	4,564

Source of tables 637 and 638: Administrative Office of the United States Courts; *Tables of Bankruptcy Statistics*.

## Section 18

### Communications

This section presents statistics relating to the usage, finances, and operations of the various communications and related media. Included are data concerning postal service, telephone, telegraph, radio, television, newspapers, and books. The principal sources of wire and wireless data are the Federal Communications Commission's annual *Statistics of the Communications Industry in the United States*, and *Annual Report*. Data concerning the postal service are included in the *Annual Report of the Postmaster General*. Statistics as to revenues, volume of mail, and the distribution of expenditures by classes of mail and services are presented in the Post Office Department's annual *Cost Ascertainment Report*.

Since the establishment of the Federal Communications Commission in 1934, statistical coverage of wire and wireless communications has been concentrated in that agency. According to the Communications Act of 1934, as amended, only carriers engaged in interstate, or foreign, communications service by means of their own facilities (or through the facilities of another carrier under direct or indirect common control) are subject to the full jurisdiction of the Commission. The Commission requires the filing of annual and monthly reports by these carriers except from the smallest carriers. The companies controlling any but the smallest of these carriers are also required to file annual reports.

**Postal Service.**—The postal statistics, unless otherwise noted, include data for outlying Territories, possessions, etc., except the Canal Zone.

"Cost ascertainment" is the term applied in the Post Office Department to describe its plan or system, partly accounting and partly statistical, for developing through the medium of a sampling procedure, data on the revenues, expenses, volumes, and average hauls fairly attributable to each of the several classes of mail handled by the Postal Service (first, second, third, fourth, foreign, penalty, franked, free for the blind, and air mail) and similar revenue, expense, and volume data for each of its special services (special delivery, money order, insurance, collect-on-delivery, registry, certified, and postal savings).

**Telephone and telegraph systems.**—Practically all of the wire-telegraph, ocean-cable, and radiotelegraph carriers are subject to the full jurisdiction of the Federal Communications Commission. A large number of telephone carriers engaged in interstate or foreign service only by connection with the facilities of another unaffiliated carrier are not subject to the full jurisdiction of the Commission. However, it is estimated that the gross operating revenues of the telephone carriers reporting annually cover over 90 percent of the revenues of all telephone carriers in the United States.

The term "system" is used, in general, for aggregations of lines operated by the larger companies. "Bell System" as referred to here, consists of the American Telephone & Telegraph Co. and its principal telephone subsidiaries.

**Broadcasting.**—The number of broadcast stations refers to the number licensed or holding construction permits. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent, program material, etc. Reports filed with the Federal Communications Commission by broadcast stations and networks cover substantially all units in the industry which operate in the United States and its Territories, possessions, etc.

Note.—This section presents data for the most recent year or period available on May 1, 1958, when the material was organized and sent to the printer.

**Historical statistics.**—Tabular headnotes (as “See also *Historical Statistics, 1789-1945*, series P 165-167”) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

FIG. XXIX.—NUMBER OF RADIO AND TV STATIONS: 1945 TO 1956

[Excludes FM (independents) See table 661]

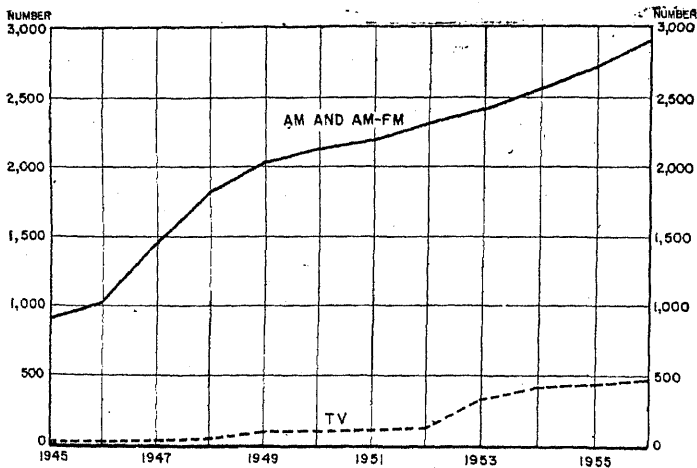
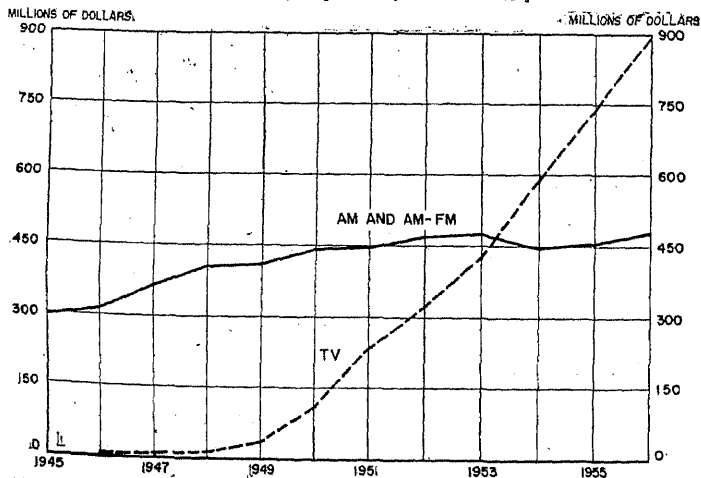


FIG. XXX.—BROADCAST REVENUES OF RADIO AND TV STATIONS: 1945 TO 1956

[Excludes FM (independents). See table 661]



<sup>1</sup> Less than \$500,000.

Source of figs. XXIX and XXX: Charts prepared by Department of Commerce, Bureau of the Census. Data are from Federal Communications Commission.

# POSTAL SERVICE

509

## No. 639.—UNITED STATES POSTAL SERVICE—SUMMARY: 1900 TO 1957

[For years ending June 30. See text, p. 507. For financial data, see also *Historical Statistics, 1789-1945*, series P 165-167]

YEAR	Number of post offices	FINANCES			Revenue per capita	MONEY ORDERS ISSUED		Sales of postage stamps and other stamped paper	Postage paid under permit (1st, 2d, 3d, and 4th class)	Number of pieces of mail handled <sup>3</sup>
		Revenues	Expenditures <sup>1</sup>	Surplus (+) or deficit (-) <sup>1</sup>		Domes- tic <sup>2</sup>	Inter- na- tional			
		\$1,000	\$1,000	\$1,000	Dollars	\$1,000	\$1,000	\$1,000	\$1,000	Millions
1900-----	76,688	102,355	107,765	-5,410	1.34	238,921	16,749	94,014	-----	7,130
1905-----	68,131	152,827	167,421	-14,594	1.82	401,916	42,503	139,617	850	10,188
1910-----	59,580	224,129	230,010	-5,881	2.43	558,178	89,558	202,065	4,418	14,850
1915-----	56,380	287,248	298,581	-11,333	2.85	665,249	51,662	256,037	7,527	17,527
1920-----	52,641	437,150	454,421	-17,270	4.11	1,342,268	23,392	379,587	12,960	-----
1925-----	50,957	599,591	639,337	-39,745	5.28	1,549,487	35,730	507,572	39,302	25,835
1930-----	49,063	705,484	803,700	-98,216	5.75	1,735,496	51,788	574,851	73,545	27,888
1935-----	45,686	630,795	696,603	-65,808	4.94	1,829,137	22,336	473,407	96,206	22,332
1940-----	44,024	766,949	807,733	-40,784	5.84	2,103,092	13,120	521,753	176,503	27,749
1945-----	41,792	1,314,240	1,145,101	+169,139	9.44	4,866,086	21,107	953,770	252,318	37,912
1950-----	41,464	1,677,487	2,222,949	-545,462	11.14	5,164,887	15,760	862,313	675,317	45,064
1951-----	41,193	1,776,816	2,341,399	-564,583	11.61	5,652,046	20,334	883,357	740,525	46,908
1952-----	40,919	1,947,316	2,666,860	-719,544	12.50	5,945,587	26,662	948,430	836,310	49,906
1953-----	40,609	2,091,714	2,742,126	-650,412	13.20	6,093,322	30,330	985,172	931,147	50,948
1954-----	39,405	2,268,517	2,667,654	-399,147	14.08	6,047,737	33,234	998,965	1,053,207	52,213
1955-----	38,316	2,349,477	2,712,150	-362,673	14.33	5,864,833	30,905	999,985	1,133,636	55,234
1956-----	37,515	2,419,354	2,883,305	-463,951	14.51	5,925,963	31,745	1,010,523	1,196,498	56,441
1957-----	37,012	2,496,614	3,018,438	-521,824	14.70	5,880,312	31,297	1,015,237	1,263,374	59,078

<sup>1</sup> Expenditures and deficits through 1953 on cash-disbursement basis, i. e., they include payments in a year applicable to expenses of prior years; beginning 1954, on accrual basis, i. e., expenditures are shown in year in which obligation was incurred.

<sup>2</sup> Includes postal notes issued under act of Congress, 1945-1951.

<sup>3</sup> Continental United States only. Data for years prior to 1926 are estimates.

Source: Post Office Department; *Annual Report of the Postmaster General and Cost Ascertainment Report*.

## No. 640.—POSTAL SERVICE REVENUES, BY SOURCE: 1920 TO 1957

[In thousands of dollars. For years ending June 30. See text, p. 507]

ITEM	1920	1930	1940	1945	1950	1955	1956	1957
<b>Total</b> -----	<b>437,150</b>	<b>705,484</b>	<b>766,949</b>	<b>1,314,240</b>	<b>1,677,487</b>	<b>2,349,477</b>	<b>2,419,354</b>	<b>2,496,614</b>
Ordinary postal revenue <sup>1</sup> -----	424,406	686,426	732,137	1,246,777	1,605,940	2,266,306	2,340,976	2,420,250
Stamps, postal cards, etc.-----	379,587	574,851	521,753	953,770	862,313	998,741	1,009,200	1,012,984
Second-class postage paid in money (pound rates) <sup>2,3</sup> -----	25,100	28,584	23,033	25,286	40,261	64,485	68,653	69,948
Other postage paid in money under permit <sup>3</sup> -----	12,960	73,545	176,503	252,318	678,042	1,136,436	1,199,120	1,266,043
Box rents-----	6,145	8,539	7,931	11,033	14,407	25,989	25,946	26,716
Miscellaneous-----	614	907	2,917	4,371	10,917	40,655	38,067	44,559
Money-order revenues-----	10,314	17,495	23,995	40,671	63,416	65,649	65,405	63,880
Interest and profit, Postal Savings System-----	2,430	1,562	10,817	20,792	8,131	17,522	12,973	12,484

<sup>1</sup> Net revenue after refunds of postage.

<sup>2</sup> Beginning 1950, includes fees; previously included with miscellaneous.

<sup>3</sup> Beginning 1953, includes controlled circulation publications.

Source: Post Office Department; *Annual Report of the Postmaster General and Cost Ascertainment Report*.

# No. 641.—POSTAL REVENUES AND EXPENDITURES, BY CLASS OF MAIL AND TYPE OF SERVICE: 1955 TO 1957

[In thousands of dollars. For years ending June 30]

MAIL AND SERVICE	1955			1956			Revenues, 1957
	Revenues	Appor- tioned expendi- tures	Excess of reve- nues (+) or ex- pendi- tures (-)	Revenues	Appor- tioned expendi- tures	Excess of reve- nues (+) or ex- pendi- tures (-)	
All operations.....	2,375,791	2,738,464	-362,674	2,448,988	2,912,940	-463,951	2,524,731
Total postal operations.....	2,349,477	2,712,150	-362,674	2,419,354	2,883,305	-463,951	2,496,614
Nonpostal reimbursements and money order items.....	26,314	26,314	-----	29,634	29,634	-----	28,117
Revenue producing mails and services.....	2,337,177	2,673,468	-336,291	2,412,863	2,845,794	-432,931	2,483,163
1st class <sup>1</sup> .....	967,842	905,517	+62,325	1,013,679	978,014	+35,665	1,066,044
Domestic air mail <sup>2</sup> .....	142,571	122,304	+20,267	150,938	127,514	+23,424	153,189
2d class paid.....	65,693	285,279	-219,587	65,891	304,403	-238,513	66,436
3d class.....	269,475	441,514	-172,039	266,020	471,914	-205,894	281,479
4th class.....	595,064	593,125	+1,938	592,815	607,911	-15,096	586,381
Publications.....	4,901	6,303	-1,403	5,713	7,708	-1,995	6,735
International mail.....	82,830	75,890	+6,940	85,494	80,999	+4,495	90,975
Registry, paid.....	35,434	44,154	-8,720	31,688	39,456	-7,767	31,706
Certified mail.....	293	280	+13	4,003	4,429	-425	4,777
Insurance.....	23,840	24,641	-801	23,690	24,459	-768	25,367
Collect-on-delivery.....	10,802	24,252	-7,451	16,038	23,894	-7,856	14,620
Special delivery.....	27,218	37,573	-10,355	27,836	38,154	-10,318	28,904
Money order.....	65,649	95,792	-30,143	65,405	90,419	-25,014	63,880
Postal savings.....	17,574	7,842	+9,732	13,023	6,448	+6,575	12,531
Box rent service <sup>3</sup> .....	-----	-----	-----	25,946	19,163	+6,783	26,716
Stamped envelope service <sup>4</sup> .....	-----	-----	-----	17,263	18,331	-1,068	16,587
Unassignable.....	21,992	9,000	+12,992	7,420	2,578	+4,842	6,776
Nonrevenue producing services.....	37,031	50,985	-13,954	34,502	50,948	-16,446	40,100
Free-in-county (2d class).....	-----	13,385	-13,385	-----	14,009	-14,009	-----
Penalty.....	35,038	33,410	+1,628	32,426	32,494	-68	38,019
Franked.....	1,993	1,582	+411	2,076	1,945	+131	2,081
Free for blind.....	-----	769	-769	-----	912	-912	-----
Registry, free.....	-----	1,839	-1,839	-----	1,589	-1,589	-----
Nonpostal services.....	1,583	14,012	-12,429	1,623	16,197	-14,574	1,468
Alien address reporting.....	163	163	-----	194	195	-1	210
U. S. savings bonds and stamps.....	685	968	-283	843	1,117	-275	652
Civil service.....	-----	2,464	-2,464	-----	2,846	-2,846	-----
Documentary stamps.....	-----	249	-249	-----	291	-291	-----
Migratory bird stamps.....	162	171	-9	116	155	-39	140
Custodial services—public bldgs.....	341	9,649	-9,308	356	11,310	-10,955	356
FCC—Health service.....	2	2	-----	3	3	-----	4
Official-mail-messenger service.....	-----	142	-142	-----	169	-169	-----
Miscellaneous items, other agencies.....	230	204	+26	111	111	-----	106

<sup>1</sup> Includes free letter mail from members of Armed Forces.

<sup>2</sup> Includes paid air mail to and from Armed Forces overseas, and outlying possessions of United States; also free air mail from members of Armed Forces, and air mail reimbursements.

<sup>3</sup> Included in individual classes of mail prior to 1956.

<sup>4</sup> Included in Unassignable prior to 1956.

Source: Post Office Department; Cost Ascertainment Report.

## No. 642.—PER CAPITA DOMESTIC POSTAGE PAID AND PIECES OF MAIL RECEIVED: 1942 TO 1957

[For years ending June 30]

ITEM	1942	1945	1949	1950	1951	1952	1953	1954	1955	1956	1957
Postage paid per capita.....dollars..	5.57	7.83	8.83	9.41	10.18	10.61	11.26	12.11	12.47	12.68	12.88
Domestic mail received per capita.....pieces..	211	257	281	287	294	307	308	310	324	325	334
Letters (1st class and air mail).....do.....	130	166	163	168	174	179	181	177	184	189	194
2d class.....do.....	34	42	47	42	43	45	43	40	41	41	41
3d class.....do.....	41	41	63	69	69	75	76	86	92	88	92
Parcels.....do.....	6	8	8	8	8	8	8	7	7	7	7

Source: Post Office Department; Cost Ascertainment Report.



# POSTAL SERVICE

511

## No. 643.—DELIVERY SERVICE—CITY AND VILLAGE, RURAL, AND SPECIAL: 1900 TO 1957

[As of June 30]

YEAR	CITY AND VILLAGE DELIVERY			RURAL DELIVERY				SPECIAL DELIVERY	
	Number of offices	Number of regular carriers	Annual cost <sup>1</sup>	Number of routes	Length of routes	Annual travel	Annual cost	Number of specials	Cost of service <sup>2</sup>
			<i>\$1,000</i>		<i>Miles</i>	<i>1,000 miles</i>	<i>\$1,000</i>	<i>1,000</i>	<i>\$1,000</i>
1900-----	3 796	3 15,322	3 14,671	1,259	28,685	303,007	36,420	5,192	5,467
1910-----	3 1,402	3 28,715	3 31,738	41,079	993,068	348,627	36,915	15,440	15,440
1920-----	2,729	37,085	63,626	43,445	1,151,832	404,738	75,795	68,818	68,818
1930-----	3,813	54,705	126,301	43,278	1,334,842	424,704	106,338	101,770	12,058
1940-----	4,020	59,407	143,663	32,646	1,401,690		91,441	96,381	11,488
1945-----	4,124	58,181	190,392	32,106	1,435,059	435,209	106,853	120,579	16,521
1946-----	4,194	65,855	247,973	32,161	1,441,538	437,248	117,403	102,222	25,467
1947-----	4,276	67,814	287,356	32,249	1,449,767	439,750	128,582	103,597	28,876
1948-----	4,369	78,198	308,976	32,412	1,465,198	444,424	131,119	116,835	29,538
1949-----	4,508	86,427	392,361	32,559	1,480,710	449,361	152,704	120,176	32,063
1950-----	4,667	90,216	406,517	32,619	1,493,365	453,260	159,387	115,044	32,464
1951-----	4,707	84,944	395,627	32,513	1,486,775	451,250	163,856	124,594	34,066
1952-----	4,786	85,864	466,000	32,546	1,499,910	455,345	188,912	122,634	40,511
1953-----	4,851	87,537	483,884	32,542	1,512,689	459,307	192,431	114,153	34,193
1954-----	4,948	89,671	506,223	32,370	1,527,289	463,909	191,772	106,285	34,917
1955-----	5,032	91,418	534,890	32,076	1,544,704	469,283	194,945	105,289	37,499
1956-----	5,128	94,692	603,747	31,888	1,582,800	480,129	205,812	107,933	38,154
1957-----	5,288	97,294	630,958	31,660	1,589,456	481,609	209,064	110,865	38,704

<sup>1</sup> Represents audited expenditures.

<sup>2</sup> Fees paid special messengers plus apportionment of other expenditures.

<sup>3</sup> City delivery service.

Source: Post Office Department; *Annual Report of the Postmaster General and Cost Ascertainment Report*.

## No. 644.—POSTAL SERVICE EXPENDITURES, BY OBJECT: 1952 TO 1957

[In thousands of dollars. For years ending June 30. Data cover expenditures during specified year and include unliquidated obligations, whether on account of that year or of previous years. See text, p. 507]

OBJECT	1952	1953	1954	1955	1956	1957
<b>Total apportioned expenditures.</b>	<b>2,679,818</b>	<b>2,760,011</b>	<b>2,676,914</b>	<b>2,738,464</b>	<b>2,912,940</b>	<b>3,045,754</b>
Postal operations-----	2,093,102	2,166,379	2,179,613	2,265,617	2,429,506	2,542,573
Salaries and travel of postmasters and assistants <sup>1</sup>	148,629	153,993	242,149	248,833	268,408	278,233
Salaries and travel of clerks, etc.	869,071	905,170	802,033	825,938	870,974	905,905
City delivery service	466,000	483,884	506,223	534,890	603,747	630,958
Rural delivery service	188,012	192,431	191,772	194,945	205,812	209,064
Postal transportation service	170,626	180,960	178,723	180,178	191,227	191,884
All other	249,964	249,941	253,713	280,833	291,338	326,529
Transportation of mails.	557,958	565,293	466,535	420,405	433,120	441,589
Railroad	358,989	344,569	317,798	297,166	298,345	292,138
Star route	88,262	41,231	40,709	40,026	41,072	42,493
Short haul truck	3,150	6,139	7,872	9,552	10,532	12,083
Powerboat	2,930	2,823	2,833	2,544	2,574	2,714
Highway post offices	1,863	2,644	2,849	3,822	4,727	5,173
Domestic air mail	67,844	72,634	46,590	33,720	35,134	37,825
Foreign air mail	57,682	63,264	30,736	27,135	30,133	31,430
Other foreign mail <sup>2</sup>	27,262	31,990	17,153	15,641	15,603	17,733
Other	<sup>3</sup> 75					
Claims and miscellaneous	5,931	6,381	6,576	5,715	5,813	6,448
General administration and overhead apportioned	22,827	21,958	24,190	37,682	44,501	55,144
Miscellaneous items, other agencies				45		

<sup>1</sup> Beginning 1954, includes supervisors; formerly included with clerks.

<sup>2</sup> Includes terminal and transportation charges by foreign countries.

<sup>3</sup> Includes rental of truck terminal facilities.

Source: Post Office Department; *Cost Ascertainment Report*.

## No. 645.—POST OFFICE OPERATIONS—VOLUME OF MAIL, BY CLASSES: 1950 TO 1957

[For years ending June 30]

CLASS OF MAIL	1950	1953	1954	1955	1956	1957
PIECES OF MAIL (1,000)						
All mail.....	45,063,737	50,948,156	52,213,170	55,233,564	56,441,216	59,077,633
Domestic.....	44,646,425	50,462,659	51,710,836	54,721,728	55,907,256	58,518,948
1st class.....	24,500,072	27,256,993	27,085,308	28,713,840	30,077,567	31,561,162
Air mail.....	853,183	1,429,680	1,470,338	1,407,482	1,487,162	1,483,291
2d class.....	6,264,838	6,762,475	6,483,489	6,739,803	6,614,604	6,888,133
3d class.....	10,342,921	12,003,642	13,865,569	15,049,722	14,676,073	15,702,421
4th class.....	1,179,415	1,244,305	1,195,065	1,185,550	1,173,249	1,183,756
Publications <sup>1</sup> .....	56,145	70,932	70,932	85,262	102,138	125,497
Penalty.....	1,471,760	1,667,701	1,492,236	1,479,676	1,411,960	1,569,775
Franked.....	31,866	48,868	45,074	47,668	61,090	60,842
Free for blind.....	2,381	2,060	2,766	3,226	3,513	4,031
International.....	417,312	485,497	502,335	511,836	533,960	558,685
Regular mail <sup>2</sup> .....	189,821	215,816	224,473	234,700	223,774	240,239
Parcel post.....	9,469	12,472	10,323	8,493	8,337	9,086
U. S. A. gift parcels.....	11,529	1,146				
Publishers' 2d class.....	84,582	107,028	113,434	110,253	123,754	120,279
Air mail <sup>2</sup> .....	121,226	148,170	163,231	157,496	177,274	188,128
Air parcel post.....	695	865	873	835	821	953
WEIGHT OF MAIL (1,000 pounds)						
All mail.....	11,521,370	11,204,044	11,003,639	10,844,369	10,928,906	11,071,363
Domestic.....	11,176,403	10,961,538	10,803,169	10,667,659	10,758,052	10,892,777
1st class.....	620,265	748,992	749,033	804,419	873,610	904,570
Air mail.....	53,149	76,942	81,689	84,775	91,065	94,887
2d class.....	2,286,749	2,496,590	2,504,459	2,582,348	2,702,559	2,715,689
3d class.....	646,198	726,981	811,347	892,015	914,606	948,915
4th class.....	7,370,096	6,652,371	6,403,686	6,034,555	5,904,066	5,931,368
Publications <sup>1</sup> .....	30,577	38,860	38,860	44,473	53,393	62,937
Penalty.....	183,250	204,632	189,342	201,049	193,756	205,867
Franked.....	4,723	5,950	4,843	4,522	4,791	5,108
Free for blind.....	11,973	18,504	19,891	19,504	20,206	23,436
International.....	344,967	242,505	200,470	176,710	170,855	178,586
Regular mail <sup>2</sup> .....	24,955	29,588	33,930	33,319	31,217	33,232
Parcel post.....	94,768	130,923	100,610	81,972	75,155	82,098
U. S. A. gift parcels.....	176,647	18,566				
Publishers' 2d class.....	43,167	56,822	50,067	54,281	56,574	54,634
Air mail <sup>2</sup> .....	4,280	5,210	5,388	5,677	6,222	6,571
Air parcel post.....	1,150	1,393	1,476	1,400	1,685	2,051

<sup>1</sup> Included with 3d and 4th class prior to 1953.<sup>2</sup> Comprises letters, cards, and other articles.Source: Post Office Department; *Cost Ascertainment Report*.

## No. 646.—POST OFFICE EMPLOYEES, BY TYPE: 1935 TO 1957

[As of June 30. Beginning 1945, figures include classified and war-service regular employees of all activities]

TYPE	1935	1940	1945	1950	1955	1956	1957
Total <sup>1</sup> .....	308,802	353,156	435,955	500,578	511,613	508,587	521,198
Full time.....	236,427	266,076	278,442	363,774	366,901	373,383	379,721
Departmental (bureaus and offices) <sup>2</sup> .....	1,282	1,431	1,526	1,775	1,530	1,343	1,300
Regional <sup>3</sup> .....					2,599	4,418	6,679
Postmasters.....	45,350	44,093	41,792	41,464	38,316	37,515	37,012
Post Office supervisors <sup>4</sup> .....	2,553	2,701	3,420	3,540	20,607	21,271	21,755
Clerks, mail handlers, 1st- and 2d-class post offices <sup>5</sup> .....	69,358	82,910	93,941	141,092	128,457	129,973	132,097
City and village carriers.....	50,038	59,407	58,181	90,216	91,418	94,692	97,284
Rural carriers.....	34,763	32,570	32,031	32,553	32,022	31,837	31,615
Postal transportation.....	18,527	20,087	20,546	27,126	29,224	28,771	27,611
Custodial service.....	9,293	17,328	18,606	15,743	13,338	13,543	13,835
All other.....	5,393	5,549	8,399	10,265	9,390	10,020	10,533
Part time (field).....	72,330	87,080	157,513	136,804	144,712	135,204	141,477

<sup>1</sup> 44-hour workweek for full-time field employees for 1935, and 40 beginning 1940.<sup>2</sup> As of final pay period through 1950; as of June 30 thereafter.<sup>3</sup> Comprises regional accounting, money order center, and supply center personnel.<sup>4</sup> Through 1950, assistant postmasters only.<sup>5</sup> Through 1950, includes Post Office supervisors.<sup>6</sup> Law enacted granting annual and sick leave with pay to substitutes.Source: Post Office Department; *Annual Report of the Postmaster General*.

No. 647.—POSTAL SERVICE OPERATION—NUMBER OF OFFICES, 1956 AND 1957, AND GROSS RECEIPTS, 1930 TO 1956, BY STATES AND OTHER AREAS

[For years ending June 30, except as noted]

STATE OR OTHER AREA	NUMBER OF POST OFFICES		GROSS POSTAL RECEIPTS (\$1,000) <sup>1</sup>					
	1956	1957	1930	1940	1945	1950	1955	1956 <sup>2</sup>
Grand total.....	37,515	37,012	686,351	729,780	1,243,674	1,603,628	2,286,634	2,410,837
Continental U. S.....	37,057	36,566	684,927	727,273	1,217,997	1,596,019	2,273,716	2,396,999
New England.....	2,172	2,155	51,375	54,022	77,245	112,173	151,063	158,612
Maine.....	636	631	3,912	3,925	5,834	6,765	8,420	8,749
New Hampshire.....	316	313	2,286	2,718	3,815	5,203	7,772	7,643
Vermont.....	329	328	1,703	1,846	2,406	3,239	4,088	4,295
Massachusetts.....	549	543	29,627	29,796	42,120	63,032	82,787	86,073
Rhode Island.....	66	66	3,297	3,514	5,970	7,961	11,056	11,321
Connecticut.....	276	274	10,550	12,224	17,100	25,972	36,940	40,531
Middle Atlantic.....	4,610	4,564	194,927	195,685	324,915	437,889	604,509	641,272
New York.....	1,813	1,803	125,072	120,888	210,835	275,433	375,582	394,580
New Jersey.....	591	594	19,768	23,207	35,122	53,059	80,720	90,883
Pennsylvania.....	2,206	2,177	50,087	51,590	78,958	109,397	148,207	155,800
East North Central.....	5,323	5,274	175,748	180,346	259,051	372,050	521,177	552,357
Ohio.....	1,262	1,242	42,088	41,668	62,071	86,039	122,601	129,766
Indiana.....	845	844	15,613	16,810	26,745	35,755	50,291	55,868
Illinois.....	1,393	1,385	78,757	79,257	104,724	157,303	216,168	228,066
Michigan.....	967	949	24,133	26,870	42,109	58,635	84,707	88,394
Wisconsin.....	856	854	15,157	15,740	23,402	34,318	47,320	50,463
West North Central.....	5,796	5,721	80,641	76,171	111,234	155,302	209,651	220,119
Minnesota.....	962	959	17,614	17,600	24,886	35,556	48,715	52,102
Iowa.....	1,063	1,050	13,504	12,912	18,531	25,354	34,901	36,719
Missouri.....	1,251	1,224	28,988	25,806	37,517	56,884	75,150	78,328
North Dakota.....	562	554	2,721	2,747	3,583	4,579	5,577	5,751
South Dakota.....	498	497	2,750	2,614	3,686	4,663	6,019	6,187
Nebraska.....	633	623	7,279	6,925	10,397	13,704	18,522	19,069
Kansas.....	827	814	7,785	7,509	12,033	14,763	20,531	21,963
South Atlantic.....	6,021	5,944	52,293	65,939	124,543	150,838	243,191	238,471
Delaware.....	64	64	1,233	1,759	2,574	3,727	5,502	5,725
Maryland.....	516	509	8,519	9,435	15,328	19,877	27,180	28,644
Dist. of Columbia.....	1	1	6,047	8,242	18,637	19,731	47,865	27,666
Virginia.....	1,423	1,399	7,985	9,617	18,013	21,198	29,681	31,318
West Virginia.....	1,356	1,333	4,611	5,142	8,725	9,349	12,164	12,519
North Carolina.....	887	882	6,830	9,407	19,175	23,247	31,324	32,895
South Carolina.....	445	441	2,174	2,832	4,897	6,656	13,020	13,787
Georgia.....	773	768	9,220	10,630	18,631	23,812	36,052	37,694
Florida.....	556	547	5,674	8,875	18,561	23,242	40,403	48,223
East South Central.....	4,000	3,878	23,736	26,881	49,905	58,411	84,504	89,017
Kentucky.....	1,909	1,831	6,827	7,304	12,472	14,804	21,399	22,343
Tennessee.....	680	676	8,546	9,796	17,528	22,629	32,112	33,884
Alabama.....	807	793	5,108	5,961	11,991	13,118	19,685	21,138
Mississippi.....	595	578	3,255	3,820	7,914	7,860	11,308	11,752
West South Central.....	4,008	3,964	37,240	42,606	81,886	98,003	144,480	156,740
Arkansas.....	860	842	3,828	4,115	7,995	8,441	11,048	11,710
Louisiana.....	612	610	5,486	6,684	13,778	14,781	21,272	23,346
Oklahoma.....	754	745	7,272	7,375	13,032	14,720	20,862	22,376
Texas.....	1,782	1,767	20,654	24,433	47,080	60,061	91,298	99,308
Mountain.....	2,633	2,598	17,276	19,778	32,171	41,878	64,189	69,741
Montana.....	482	471	2,446	2,813	3,682	4,856	6,555	6,908
Idaho.....	354	348	1,513	1,878	2,815	3,597	5,180	5,507
Wyoming.....	235	234	993	1,189	1,811	2,302	3,169	3,255
Colorado.....	495	489	6,819	7,158	10,701	14,801	22,688	24,626
New Mexico.....	427	418	1,080	1,631	2,997	3,881	6,227	6,924
Arizona.....	248	247	1,532	1,990	4,228	5,460	9,305	10,900
Utah.....	273	274	2,347	2,434	4,591	5,487	8,249	8,651
Nevada.....	119	117	537	686	1,345	1,495	2,816	2,970
Pacific.....	2,494	2,468	51,378	64,743	155,143	166,583	249,027	268,679
Washington.....	614	608	8,719	9,964	21,402	23,370	32,168	33,525
Oregon.....	516	503	6,436	6,719	11,152	15,591	21,201	22,192
California.....	1,364	1,357	37,223	48,060	122,589	127,622	195,658	212,962
Philatelic agency.....			317	1,101	1,903	2,892	1,895	1,991
Alaska.....	235	227		170	413	962	2,467	2,597
Hawaii.....	101	99	74	1,480	22,726	3,955	5,603	6,037
Puerto Rico.....	107	105	527	809	2,489	2,415	4,260	4,635
Virgin Islands.....	5	5	15	36	48	75	205	267
Other areas <sup>3</sup> .....	10	10	3	13	(4)	201	383	302

<sup>1</sup> Excludes revenues from money-order business, postal savings, and certain miscellaneous items.

<sup>2</sup> Calendar year.

<sup>3</sup> Comprises Canton Island, Guam, Samoa (Tutuila), Wake, Caroline, Mariana and Marshall Islands.

<sup>4</sup> Less than \$500.

**No. 648.—AMERICAN TELEPHONE & TELEGRAPH CO. AND PRINCIPAL TELEPHONE SUBSIDIARIES (BELL TELEPHONE SYSTEM)—SUMMARY: 1930 TO 1957**

[As of December 31]

ITEM	1930	1935	1940	1945	1950	1955	1956	1957
Telephones.....1,000.....	15,187	13,573	17,484	22,446	35,343	46,218	49,438	52,252
Dial operated.....do.....	4,834	6,519	10,466	14,505	26,700	40,041	44,238	47,988
Central offices, number.....	6,639	6,896	7,052	7,374	8,470	9,751	10,038	10,339
Miles of wire.....1,000.....	73,193	77,898	88,400	98,750	140,072	194,906	213,197	236,005
In underground cable.....do.....	45,116	47,639	54,339	60,759	86,963	116,384	126,583	140,450
In aerial cable.....do.....	23,777	26,425	30,307	33,966	48,240	73,279	81,074	89,673
Open wire.....do.....	4,300	3,834	3,814	4,031	4,869	5,243	5,539	5,882
Percent total wire mileage in cable.....	92.9	94.2	94.8	95.0	95.3	96.2	96.3	97.5
Miles of coaxial tube.....				10,146	62,741	78,547	82,435	88,484
Miles of microwave radio relay, broad band channel.....					7,517	125,438	129,470	160,392
Average daily telephone conversations, total.....1,000.....	64,034	60,260	79,303	90,548	140,782	168,936	178,610	188,276
Local.....do.....	61,150	58,066	76,560	85,877	134,870	161,788	170,873	180,084
Toll and long distance.....	2,884	2,224	2,743	4,671	5,912	7,148	7,737	8,192
Total plant investment \$1,000.....	4,041,287	4,187,790	4,747,674	5,702,057	10,101,522	15,340,495	17,074,206	19,116,977
Operating revenues.....do.....	1,077,300	919,116	1,174,322	1,930,889	3,261,528	5,297,043	5,825,298	6,313,833
Total taxes.....do.....	84,732	94,507	184,770	399,917	499,452	1,041,418	1,157,750	1,268,592
Employees, number.....	391,746	268,754	323,701	474,527	602,466	745,629	786,719	792,634
American Tel. & Tel. Co. stockholders, number.....	567,694	657,465	630,902	683,897	985,583	1,408,851	1,492,297	1,605,046

<sup>1</sup> Excludes drop and block wire.

<sup>2</sup> Source: Federal Communications Commission.

<sup>3</sup> Includes employees of Western Electric Co. and Bell Telephone Laboratories.

Source: American Telephone & Telegraph Co., New York, N. Y.; *Annual Report* and records, except as indicated.

**No. 649.—TELEPHONES—NUMBER AND WIRE MILEAGE IN ALL SYSTEMS, AND NUMBER OF TELEPHONES OWNED BY THE BELL SYSTEM: 1900 TO 1957**

[In thousands. As of December 31. Number of telephones represents total number of instruments in service]

YEAR	Total tele- phones <sup>1</sup>	Total miles of wire <sup>2</sup>	Telephones owned by Bell System <sup>3</sup>	YEAR	Total tele- phones <sup>1</sup>	Total miles of wire <sup>2</sup>	Telephones owned by Bell System <sup>3</sup>
1900.....	1,322	2,779	802	1948.....	38,205	136,200	31,364
1905.....	4,086	8,385	2,244	1949.....	40,709	145,800	33,388
1910.....	7,590	16,768	3,888	1950.....	43,004	155,100	35,343
1915.....	10,475	24,544	5,920	1951.....	45,636	168,400	37,414
1920.....	13,273	31,700	8,134	1952.....	48,056	174,200	39,414
1925.....	16,875	51,700	11,910	1953.....	50,373	186,300	41,353
1930.....	20,103	82,280	15,187	1954.....	52,806	199,600	43,322
1935.....	17,424	86,300	13,573	1955.....	56,243	215,900	46,218
1940.....	21,928	98,300	17,484	1956.....	60,190	236,200	49,438
1945.....	27,867	109,600	22,446	1957.....	63,621	267,800	52,252

<sup>1</sup> Excludes private line telephones.

<sup>2</sup> Excludes drop and block wire.

<sup>3</sup> Data for years 1920 to date are for the American Telephone and Telegraph Company and its principal telephone subsidiaries. For earlier years the data are for the Bell System as then constituted. Excludes Bell connecting and private line telephones.

Source: American Telephone and Telegraph Company, New York, N. Y.; *Annual Report* and records.

**No. 650.—TELEPHONE SYSTEMS—SUMMARY, CLASS A CARRIERS: 1930 to 1956**

[All money figures in thousands. Includes Hawaii and Puerto Rico. Excludes intercompany duplications. Covers class A telephone carriers filing annual reports with F. C. C. Class A carriers are those whose annual operating revenues exceeded \$100,000 for years prior to 1951, and \$250,000 thereafter; comparability of data relatively unaffected by change in coverage. Gross operating revenues of class A carriers (excluding intercompany duplications of Bell System) reporting in 1937 represented approximately 94 percent of revenues of all telephone carriers as reported for Census of Electrical Industries for that year]

YEAR	Miles of wire (1,000)	Tele-phones (1,000)	Em-ploy-ees, number <sup>1</sup>	Total compen-sation <sup>2</sup>	YEAR	Miles of wire (1,000)	Tele-phones (1,000)	Em-ploy-ees, number <sup>1</sup>	Total compen-sation
1930.....	80,660	17,139	347,106	\$555,951	1950.....	147,380	38,525	564,964	\$1,797,841
1935.....	82,578	15,157	265,699	402,836	1951.....	154,810	40,426	586,809	1,975,535
1940.....	93,688	19,336	304,595	537,148	1952.....	164,776	42,404	615,141	2,200,657
1945.....	104,388	24,814	398,263	936,060	1953.....	175,929	44,363	625,832	2,378,680
1946.....	110,029	28,308	525,175	1,305,431	1954.....	188,839	46,482	614,369	2,496,657
1947.....	117,651	31,277	556,682	1,435,509	1955.....	204,879	49,753	648,827	2,692,871
1948.....	129,206	34,224	585,456	1,606,587	1956.....	224,513	53,251	688,020	2,954,396
1949.....	138,367	36,416	599,718	1,754,103					

YEAR	Number of carriers	Investment in telephone plant	DEPRECIATION AND AMORTIZATION RESERVES		Operating revenues	Operating ratio <sup>3</sup> (per-cent)	Taxes	Net operating income after all tax deductions	Net income	Divi-dends declared
			Amount	Ratio to investment (percent)						
1935.....	91	\$4,471,787	\$1,106,264	24.74	\$973,043	69.65	\$99,176	\$196,107	\$150,976	\$186,963
1940.....	78	5,071,277	1,437,727	28.35	1,243,292	65.33	193,637	237,391	221,234	185,080
1945.....	76	6,056,982	2,166,601	35.77	2,037,079	65.89	420,628	274,193	190,645	193,206
1946.....	74	6,681,967	2,349,391	35.16	2,211,519	75.73	273,162	263,634	227,237	199,314
1947.....	73	7,735,202	2,513,296	32.28	2,355,810	80.38	290,751	301,421	170,684	203,978
1948.....	71	9,106,035	2,664,208	29.26	2,773,408	78.92	310,634	274,121	228,478	218,755
1949.....	71	9,983,480	2,795,295	28.00	3,056,485	77.47	395,640	322,099	252,214	234,251
1950.....	71	10,702,322	2,979,466	27.84	3,444,568	71.52	525,965	454,999	371,520	269,733
1951.....	56	11,546,813	3,186,344	27.60	3,817,537	70.68	659,279	460,160	377,423	303,375
1952.....	54	12,008,517	3,411,441	27.06	4,228,750	70.63	737,732	504,452	420,733	346,388
1953.....	54	13,749,883	3,618,086	26.31	4,628,118	69.64	838,053	567,192	496,507	398,972
1954.....	52	14,898,749	3,836,432	25.75	5,013,181	68.55	929,144	647,600	569,600	449,585
1955.....	53	16,224,354	4,097,691	25.26	5,561,530	66.60	1,093,585	763,994	694,119	497,726
1956.....	56	18,081,317	4,332,267	23.96	6,122,273	66.39	1,217,533	840,366	782,754	563,237

<sup>1</sup> As of Dec. 31 prior to 1943; end of October, thereafter.    <sup>2</sup> Data for 1930 include estimates.

<sup>3</sup> Ratio of operating expenses to operating revenues.

<sup>4</sup> Not exactly comparable with later years because of revisions of Uniform System of Accounts, effective Jan. 1, 1937.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

**No. 651.—RURAL ELECTRIFICATION ADMINISTRATION—SUMMARY OF OPERATIONS, TELEPHONE PROGRAM: 1950 TO 1957**

[For years ending, or as of, December 31 except as noted. Cumulative beginning October 1949 except for borrowers' operations]

YEAR	TOTAL LOANS APPROVED <sup>1</sup>		ROUTE MILES OF LINE PROVIDED FOR			SUBSCRIBERS PROVIDED FOR			BORROWERS' OPERATIONS <sup>4</sup>			
	Bor-row-ers	Amount (\$1,000)	Total	To be added <sup>2</sup>	Pres-ent <sup>3</sup>	Total	To be added	Pres-ent	Bor-row-ers re-port-ing	Sub-scribers served	Tele-phones in service	Total oper-ating rev-enues (\$1,000)
1950....	61	18,831	21,408	19,833	1,575	74,585	45,449	29,136	(5)	(5)	(5)	(5)
1952....	231	106,124	86,108	79,151	6,957	201,771	160,377	131,394	(5)	(5)	(5)	(5)
1953....	240	150,939	104,238	96,056	8,182	343,708	186,270	157,438	(5)	(5)	(5)	(5)
1954....	309	208,647	141,079	131,314	9,765	456,799	240,969	215,830	176	155,746	163,160	8,162
1955....	415	273,680	178,633	163,484	15,149	606,894	310,700	296,194	285	283,681	303,823	16,359
1956....	509	351,501	221,841	196,243	25,598	784,172	373,618	410,554	406	435,155	497,511	26,714
1957....	576	426,093	258,590	224,515	34,075	928,861	427,321	501,540	461	526,119	556,681	33,676

<sup>1</sup> Cumulative net loans approved (revisions deducted).

<sup>2</sup> Comprises route miles of line to be constructed or rebuilt.

<sup>3</sup> Excludes route miles of line to be rebuilt.    <sup>4</sup> Preliminary data.

<sup>5</sup> As of June 30.    <sup>6</sup> For 12 months ending June 30.

Source: Department of Agriculture, Rural Electrification Administration; published in *Agricultural Statistics*.

# No. 652.—TELEPHONE SYSTEMS—SELECTED DATA OF CLASS A CARRIERS, BY STATES AND OTHER AREAS: 1956

[For year ending December 31. Represents class A carriers (those having annual operating revenues exceeding \$250,000) reporting to Federal Communications Commission]

STATE OR OTHER AREA	Miles of wire in cable	Miles of aerial wire	Central offices	NUMBER OF CALLS ORIGINATING FROM COMPANY AND SERVICE TELEPHONES <sup>1</sup>		COMPANY TELEPHONES <sup>2</sup>		
				Local	Toll	Total	Business	Residence
Total.....	1,000 218,381	1,000 6,133	11,542	1,000 81,437,604	1,000 2,901,786	1,000 52,673	1,000 15,569	1,000 37,104
Cont. U. S.....	217,747	6,104	11,407	80,992,876	2,896,460	52,463	15,489	36,974
Alabama.....	2,677	147	135	1,248,154	19,377	552	141	411
Arizona.....	1,274	68	73	458,037	9,851	282	100	182
Arkansas.....	1,013	117	113	493,473	13,799	271	84	187
California.....	22,852	287	839	7,808,023	213,432	4,943	1,598	3,345
Colorado.....	1,927	138	216	924,350	19,804	596	190	406
Connecticut.....	5,332	51	149	1,445,022	92,741	1,085	302	783
Delaware.....	762	14	35	222,013	14,120	180	53	127
Dist. of Col.....	2,027	—	35	781,966	15,189	567	269	298
Florida.....	4,858	97	141	1,474,978	41,436	802	330	562
Georgia.....	3,745	207	194	1,066,369	35,002	781	228	553
Idaho.....	442	81	114	281,501	9,135	176	50	126
Illinois.....	13,797	152	428	4,147,081	247,001	3,312	1,066	2,246
Indiana.....	4,571	151	290	1,968,083	70,589	1,251	335	916
Iowa.....	1,940	165	190	970,912	29,649	826	158	468
Kansas.....	2,382	185	199	860,024	21,126	603	161	442
Kentucky.....	1,936	160	214	904,190	20,421	514	128	386
Louisiana.....	3,732	147	213	1,882,232	33,424	780	215	565
Maine.....	918	70	144	338,080	17,260	244	66	178
Maryland.....	4,458	100	199	1,332,200	47,270	1,017	260	757
Massachusetts.....	7,819	72	351	2,849,748	143,807	2,007	573	1,434
Michigan.....	10,498	265	505	4,473,924	122,145	2,765	722	2,043
Minnesota.....	3,274	140	222	1,599,757	26,814	903	253	650
Mississippi.....	1,252	153	204	685,085	18,039	317	89	228
Missouri.....	5,331	157	261	2,070,648	53,329	1,230	350	871
Montana.....	362	86	112	280,651	7,305	183	54	120
Nebraska.....	981	71	125	445,753	11,196	268	78	190
Nevada.....	233	34	25	64,050	2,014	43	17	26
New Hampshire.....	575	47	123	213,437	15,904	177	47	130
New Jersey.....	10,324	54	285	2,710,119	371,813	2,373	629	1,744
New Mexico.....	602	64	70	334,838	9,057	195	73	122
New York.....	28,488	188	927	9,462,230	367,420	7,036	2,312	4,724
North Carolina.....	3,123	219	251	1,287,659	35,293	656	190	466
North Dakota.....	213	70	144	211,108	5,377	104	31	73
Ohio.....	11,721	195	556	4,462,065	116,938	2,893	749	2,144
Oklahoma.....	2,783	164	221	1,187,116	29,896	655	202	453
Oregon.....	2,120	94	195	914,987	31,539	564	165	399
Pennsylvania.....	13,963	138	518	4,621,149	211,779	3,028	943	2,085
Rhode Island.....	1,222	11	44	475,806	17,043	300	82	218
South Carolina.....	1,477	114	92	603,615	14,792	309	90	219
South Dakota.....	320	87	142	221,875	5,851	141	39	102
Tennessee.....	3,838	222	241	1,884,145	29,922	867	230	637
Texas.....	11,992	474	731	4,816,706	106,858	2,471	784	1,687
Utah.....	867	53	86	522,501	9,382	270	74	196
Vermont.....	316	40	88	121,794	8,764	99	27	72
Virginia.....	4,312	158	234	1,438,936	45,621	913	262	651
Washington.....	3,471	155	265	1,579,251	43,066	936	264	672
West Virginia.....	1,439	71	145	750,830	24,825	430	111	319
Wisconsin.....	3,856	124	166	1,300,828	33,347	957	274	683
Wyoming.....	307	47	61	154,269	4,849	101	32	69
Hawaii.....	436	16	63	314,278	2,807	154	46	108
Puerto Rico.....	197	9	72	130,450	2,519	56	34	22

<sup>1</sup> Partly estimated.

<sup>2</sup> Comprises main, P. B. X. (those directly connected with private branch exchanges), and extension telephones.

<sup>3</sup> Includes data for Canada and the Key West-Havana cables, not shown separately.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 653.—DOMESTIC AND INTERNATIONAL TELEGRAPH CARRIERS—SUMMARY:  
1930 TO 1956

[Figures comprise principal carriers filing annual reports with Federal Communications Commission]

ITEM	1930	1940	1945	1950	1955	1956
<b>DOMESTIC TELEGRAPH</b>						
Number of carriers.....	2	2	1	1	1	1
Investment in plant and equipment.....\$1,000.....	379,869	375,021	357,784	294,451	310,968	332,726
Depreciation and amortization reserves.....do.....	53,095	97,746	157,243	128,227	135,826	141,490
Capital stock <sup>1</sup> .....do.....	104,144	109,874	104,836	104,836	15,554	15,578
Funded debt <sup>1,2</sup> .....do.....	157,602	88,881	90,981	55,922	45,302	43,278
Total surplus <sup>1</sup> .....do.....	111,332	114,256	56,233	52,084	189,564	197,617
Revenue messages transmitted <sup>3,4</sup> .....1,000.....	211,971	191,645	236,169	178,904	153,910	151,600
Message revenues.....\$1,000.....	131,453	97,906	163,415	152,248	188,855	192,474
Total operating revenues.....do.....	148,223	114,587	182,048	177,994	228,816	238,392
Operating revenue deductions <sup>5</sup> .....do.....	139,141	110,856	174,848	167,280	206,024	219,231
Operating ratio.....percent.....	93.87	96.74	96.04	93.98	90.04	91.97
Operating income <sup>6</sup> .....\$1,000.....	8,596	6,222	7,200	8,664	13,179	12,465
Net income transferred to earned surplus (incl. cable operations of Western Union).....do.....	7,064	597	5,149	8,936	11,686	14,208
Dividends declared <sup>1</sup> .....do.....	8,188	1,045	2,483	2,459	5,695	6,226
Miles of wire in cable.....1,000.....	357	449	481	333	388	388
Miles of aerial wire.....do.....	1,912	1,820	1,766	929	712	699
Number of employees <sup>5</sup> .....do.....	84,962	59,670	63,446	40,482	37,785	37,754
Total compensation.....\$1,000.....	108,567	74,736	126,662	116,937	143,289	153,625
Average compensation per employee per annum dollars.....	1,278	1,262	1,906	2,889	3,792	4,069
<b>INTERNATIONAL TELEGRAPH</b>						
Ocean-cable:						
Number of carriers.....	5	5	5	4	3	3
Investment in plant and equipment.....\$1,000.....	119,966	111,129	109,317	97,283	93,222	94,368
Depreciation and amortization reserves.....do.....	53,930	64,492	69,722	63,911	57,972	58,026
Capital stock <sup>1</sup> .....do.....	73,723	45,841	24,941	22,255	18,255	18,255
Funded debt <sup>1,2</sup> .....do.....	26,050				1,600	2,801
Total surplus <sup>1</sup> .....do.....	26,876	70,928	10,587	1,212	927	24
Revenue messages transmitted <sup>3</sup> .....1,000.....	15,258	7,667	10,531	9,969	10,671	11,012
Message revenues.....\$1,000.....	27,245	16,733	25,334	23,392	23,105	23,532
Total operating revenues.....do.....	27,811	17,840	26,727	24,649	33,459	34,370
Operating revenue deductions <sup>5</sup> .....do.....	19,813	16,039	21,704	22,263	29,158	20,822
Operating ratio.....percent.....	71.24	89.90	81.21	90.32	87.15	86.77
Operating income <sup>6</sup> .....\$1,000.....	7,712	1,434	4,013	1,937	1,451	3,079
Net income transferred to earned surplus (excl. cable operations of Western Union).....do.....	6,281	1,348	2,839	582	131	720
Dividends declared <sup>1</sup> .....do.....	15,416	987	20	884	884	884
Miles of wire in cable.....1,000.....	104	111	107	98	86	86
Miles of aerial wire.....do.....	10	8	9	7	7	7
Number of employees <sup>5</sup> .....do.....	6,890	4,534	4,962	5,495	5,919	6,065
Total compensation.....\$1,000.....	9,795	6,602	10,982	12,031	15,925	16,460
Average compensation per employee per annum dollars.....	1,424	1,456	2,213	2,189	2,690	2,715
Radiotelegraph:						
Number of carriers.....	7	8	6	7	7	7
Investment in plant and equipment.....\$1,000.....	27,270	30,886	28,306	38,885	41,952	45,450
Depreciation and amortization reserves.....do.....	11,064	16,748	16,475	18,929	18,460	19,603
Capital stock.....do.....	15,922	7,724	10,456	13,614	13,182	12,419
Funded debt <sup>2</sup> .....do.....	4,875	1,227	1,026	8,807	3,806	3,523
Total surplus.....do.....	1,242	18,600	14,098	13,777	25,625	23,543
Revenue messages transmitted <sup>3</sup> .....1,000.....	5,151	8,952	10,516	12,609	14,971	16,336
Message revenues.....\$1,000.....	6,358	12,537	18,903	22,239	27,388	30,631
Total operating revenues.....do.....	7,549	14,247	23,152	25,684	34,591	39,102
Operating revenue deductions <sup>5</sup> .....do.....	7,197	10,906	16,201	22,963	29,208	31,040
Operating ratio.....percent.....	95.34	77.18	60.98	89.41	84.44	79.38
Operating income.....\$1,000.....	272	2,250	771	1,867	1,952	3,761
Net income transferred to earned surplus.....do.....	372	2,025	2,383	2,373	3,534	4,058
Dividends declared.....do.....		838	850	8	650	600
Number of employees <sup>5</sup> .....do.....	2,119	3,549	4,617	5,264	5,925	5,241
Total compensation.....\$1,000.....	3,809	6,207	14,171	18,209	24,624	24,519
Average compensation per employee per annum dollars.....	1,798	1,749	3,069	3,459	4,155	4,736

<sup>1</sup> Data for Western Union included in domestic telegraph; not segregable between domestic telegraph and ocean-cable operations. <sup>2</sup> Includes long-term advances from affiliates.<sup>3</sup> Principally as estimated by reporting carriers on basis of actual counts for test periods.<sup>4</sup> Beginning 1945, includes press messages on an unequated basis; prior to 1945, they were included on an equated basis. <sup>5</sup> Includes depreciation and operating taxes.<sup>6</sup> After recorded provision for Federal income taxes including those on non-communications activities.<sup>7</sup> Deficit or other reverse item.<sup>8</sup> For 1930, end of June; for 1940-1945, end of December; thereafter, end of October.Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

## No. 654.—RADIOTELEPHONE SERVICE, BY CLASS: 1954 TO 1956

[In thousands. As of December 31. For 1956, covers radiotelephone service offered by 31 of the 56 class A telephone carriers; in addition, radiotelephone service with revenue amounting to \$1,649,631 is offered by 4 radio-telegraph carriers and 1 cable carrier, details for which were not reported]

CLASS OF SERVICE	1954		1955		1956	
	Number of chargeable calls	Gross revenues	Number of chargeable calls	Gross revenues	Number of chargeable calls	Gross revenues
<b>FIXED STATIONS</b>						
Message service, total.....	1,332	\$12,188	1,504	\$13,847	1,728	\$16,729
Overseas, total.....	1,051	11,440	1,194	13,001	1,394	15,802
Bermuda and trans-Atlantic.....	357	4,310	427	5,064	1,524	16,269
Central and South American and Caribbean.....	341	3,567	413	4,165	480	5,037
Trans-Pacific.....	353	3,563	354	3,782	390	4,496
Interstate, intrastate, intraterritory and intrapossession.....	281	748	310	846	334	927
Private line service, overseas.....	-----	130	-----	148	-----	188
<b>MOBILE STATIONS</b>						
Marine service to mobile stations.....	656	1,023	653	1,065	691	1,199
General service.....	518	934	554	986	611	1,131
Dispatching service.....	138	89	99	79	80	68
Domestic public land mobile radio services <sup>2</sup> .....	3,519	5,187	3,942	5,992	4,206	6,560
General service.....	2,699	4,176	3,190	5,003	3,509	5,631
Direct dispatching service.....	770	937	701	909	649	854
Signalling or paging service.....	50	66	51	68	48	63
Other.....	-----	8	-----	12	-----	12
Private mobile radiotelephone systems.....	-----	3,737	-----	5,360	-----	7,529

<sup>1</sup> Includes data for calls routed over trans-Atlantic cables, not reported separately from radio circuits; service effective Sept. 25, 1956.

<sup>2</sup> In addition, there were in operation as of Dec. 31, 1954, 1955, and 1956, 300, 332, and 359, respectively, other mobile radio systems, of which most were operated by small miscellaneous common carriers. Gross revenues reported were \$1,522,481, \$1,996,926, and \$2,278,637 for 1954, 1955, and 1956, respectively.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

## No. 655.—WESTERN UNION TELEGRAPH CO.—LINE AND WIRE MILEAGE, OFFICES AND FINANCES: 1900 TO 1957

[As of June 30 through 1910; December 31 thereafter]

YEAR	Miles of pole line and cable <sup>1</sup>	Miles of wire <sup>1</sup>	Channel miles in telegraph circuits <sup>2</sup>	Number of offices <sup>3</sup>	Receipts	Expenses	Net income <sup>4</sup>
	1,000	1,000	1,000		\$1,000	\$1,000	\$1,000
1900.....	193	933	-----	22,900	24,759	18,593	6,165
1910.....	214	1,429	-----	24,825	33,889	26,614	7,275
1915.....	239	1,611	-----	25,142	52,476	40,973	11,503
1920.....	246	1,450	-----	24,881	121,474	108,134	13,340
1925.....	246	1,635	-----	24,428	129,152	112,862	16,290
1930.....	257	1,949	4	24,298	133,236	123,988	9,248
1935.....	255	1,906	4	20,964	91,389	86,131	5,258
1940.....	249	1,915	27	19,140	101,278	97,656	3,622
1945.....	276	2,291	150	18,687	194,271	189,837	4,435
1950.....	132	1,338	1,788	16,202	187,821	180,501	7,320
1951.....	123	1,264	1,971	15,355	203,229	197,824	5,405
1952.....	121	1,233	2,090	14,704	196,261	195,158	1,103
1953.....	120	1,191	3,211	13,693	221,550	213,216	8,335
1954.....	116	1,167	3,420	12,802	223,288	213,903	9,385
1955.....	112	1,137	3,622	12,388	243,362	230,321	13,041
1956.....	111	1,125	4,023	11,956	254,161	240,390	13,771
1957.....	111	1,116	4,188	11,401	261,977	249,348	12,629

<sup>1</sup> Pole and wire mileages reflect acquisition on Oct. 7, 1943, of facilities of Postal Telegraph Companies.

<sup>2</sup> In use chiefly on the company's trunk lines through 1952; beginning 1953, represents all telegraph circuits.

<sup>3</sup> Excludes agency and commission offices, numbering 10,734 on Dec. 31, 1957.

<sup>4</sup> Figures for 1915 and prior years represent net income before bond interest.

Source: Western Union Telegraph Co., New York, N. Y.



# BROADCAST STATIONS

519

## No. 656.—COMMERCIAL BROADCAST STATIONS AUTHORIZED AND ON THE AIR: 1945 TO 1958

[As of January 1. Includes Alaska, Hawaii, Puerto Rico, Virgin Islands, and beginning 1956, Guam. Figures differ from those shown in table 658 because of different tabulations]

YEAR	TOTAL		AM RADIO		FM RADIO		TELEVISION	
	Author-ized	On the air	Author-ized	On the air	Author-ized	On the air	Author-ized	On the air
1945.....	969	936	908	884	52	46	9	6
1946.....	1,236	967	969	913	258	48	9	6
1947.....	2,221	1,174	1,485	1,027	684	140	52	7
1948.....	3,010	1,977	1,927	1,586	1,010	374	73	17
1949.....	3,182	2,627	2,092	1,877	966	700	124	50
1950.....	3,093	2,881	2,199	2,051	788	733	111	97
1951.....	3,129	2,981	2,317	2,198	708	676	109	107
1952.....	3,132	3,042	2,374	2,297	650	637	108	108
1953.....	3,393	3,102	2,490	2,357	630	616	273	129
1954.....	3,749	3,403	2,602	2,487	580	560	567	356
1955.....	3,875	3,627	2,740	2,635	559	553	576	439
1956.....	4,048	3,812	2,901	2,790	557	540	590	482
1957.....	4,276	4,015	3,091	2,974	554	530	631	511
1958.....	4,536	4,261	3,289	3,180	590	537	657	544

<sup>1</sup> Includes 37 stations operating on a noncommercial basis.

Source: Federal Communications Commission.

## No. 657.—BROADCAST AND OTHER RADIO STATIONS AUTHORIZED AND OPERATORS LICENSED, BY CLASS: 1955 TO 1957

[As of June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

CLASS OF STATION OR OPERATOR	1955	1956	1957	CLASS OF STATION OR OPERATOR	1955	1956	1957
<b>Safety and special radio services <sup>1</sup></b>	<b>300,227</b>	<b>338,904</b>	<b>375,955</b>	<b>Public safety services—Continued</b>			
Amateur and disaster services.....	142,387	154,337	165,908	Special emergency.....	1,839	2,344	2,727
Amateur.....	139,993	150,549	160,000	State guard.....	188	20	22
Disaster.....	317	327	347	Public safety, (combined).....	29	70	110
Radio amateur civil emergency service.....	2,077	3,461	5,561	<b>Broadcast services <sup>2</sup></b>	<b>6,257</b>	<b>7,042</b>	<b>8,034</b>
Aviation services.....	43,855	48,745	49,699	Commercial AM.....	2,840	3,020	3,238
Aircraft.....	30,228	33,689	33,753	Commercial TV.....	552	609	651
Aeronautical and fixed.....	2,082	2,445	2,497	Educational TV.....	34	41	49
Civil air patrol.....	11,108	12,107	12,877	TV translator.....	( <sup>3</sup> )	( <sup>3</sup> )	74
Other.....	437	504	572	Auxiliary TV.....	516	682	778
Industrial services.....	24,854	30,597	35,711	Experimental TV.....	15	17	18
Power.....	8,132	9,874	10,617	Commercial FM.....	552	546	561
Petroleum.....	6,178	6,754	6,899	Educational FM.....	127	136	148
Forest products.....	1,144	1,316	1,513	International.....	( <sup>3</sup> )	3	2
Special industrial.....	8,190	11,071	14,456	Remote pickup.....	1,546	1,936	2,461
Low power industrial.....	933	1,269	1,861	Studio transmitter link.....	43	50	53
Relay press.....	82	95	121	Developmental.....	2	2	1
Motion picture.....	43	50	60	<b>Common carrier services <sup>1</sup></b>	<b>1,948</b>	<b>2,308</b>	<b>2,790</b>
Other.....	152	168	184	Experimental.....	1,175	1,459	-----
Land transportation services.....	20,002	27,592	37,523	Point to point microwave.....	-----	-----	1,461
Citizens.....	12,334	18,002	27,931	Local TV transmission.....	-----	-----	88
Railroad.....	1,405	1,731	2,007	Rural radio.....	-----	-----	229
Taxicab.....	4,526	4,830	4,842	Developmental.....	-----	-----	21
Automobile emergency.....	411	571	765	Domestic public land mobile.....	724	800	941
Other.....	1,326	1,858	1,978	Fixed public telephone.....	19	18	11
Marine services.....	50,714	56,915	63,844	Fixed public telegraph.....	30	31	39
Ship.....	49,594	55,585	62,494	<b>Radio operators</b>	<b>1,123,125</b>	<b>1,259,158</b>	<b>1,460,300</b>
Coastal.....	243	301	316	Commercial operators.....	986,363	1,113,158	1,304,300
Alaskan.....	786	919	909	Amateur operators.....	136,762	146,000	156,000
Other.....	91	110	125	<b>Experimental services, miscellaneous</b>	<b>625</b>	<b>706</b>	<b>788</b>
Public safety services.....	18,415	20,718	23,270				
Police.....	9,725	10,819	11,501				
Fire.....	2,337	3,062	3,820				
Forestry conservation.....	2,967	2,704	2,959				
Highway maintenance.....	1,330	1,699	2,131				

<sup>1</sup> 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.

<sup>2</sup> Stations licensed or holding construction permits.

<sup>3</sup> Not available.

Source: Federal Communications Commission; *Annual Report*.

No. 658.—COMMERCIAL BROADCAST STATIONS ON THE AIR, BY STATES AND OTHER AREAS: 1955 TO 1957

STATE OR OTHER AREA	1955 (Jan. 1)				1956 (Jan. 1)				1957 (May 1)			
	Total	AM	FM	TV	Total	AM	FM	TV	Total	AM	FM	TV
<b>Total.....</b>	<b>3,613</b>	<b>2,680</b>	<b>523</b>	<b>410</b>	<b>3,775</b>	<b>2,804</b>	<b>529</b>	<b>442</b>	<b>4,645</b>	<b>3,196</b>	<b>711</b>	<b>738</b>
Alabama.....	115	93	16	6	117	94	15	8	130	100	15	15
Arizona.....	39	30	2	7	40	31	2	7	62	42	5	15
Arkansas.....	60	51	6	3	62	52	6	5	73	59	6	8
California.....	212	149	37	26	215	150	37	28	279	173	60	46
Colorado.....	48	37	3	8	54	42	4	8	80	54	7	19
Connecticut.....	36	26	5	5	37	25	7	5	48	27	9	12
Delaware.....	9	7	1	1	11	8	2	1	13	9	3	1
Dist. of Columbia.....	20	7	9	4	19	7	8	4	20	7	8	5
Florida.....	128	95	19	14	142	106	21	15	189	142	22	25
Georgia.....	118	89	16	13	128	99	17	12	147	117	17	13
Idaho.....	31	25	3	3	33	28	---	5	42	33	---	9
Illinois.....	134	89	28	17	135	90	30	15	168	94	38	26
Indiana.....	79	61	17	11	86	56	17	13	108	61	30	17
Iowa.....	77	56	10	11	74	54	8	12	89	64	12	13
Kansas.....	50	43	1	6	50	41	2	7	61	45	6	10
Kentucky.....	71	57	11	3	80	64	13	3	101	73	17	11
Louisiana.....	78	58	12	8	86	63	12	11	106	77	12	17
Maine.....	23	16	1	6	23	17	1	5	33	23	3	7
Maryland.....	39	28	7	4	42	31	7	4	50	34	10	6
Massachusetts.....	75	52	16	7	75	53	10	6	94	57	25	12
Michigan.....	103	75	16	12	110	76	21	13	138	92	25	21
Minnesota.....	64	52	6	6	64	51	5	8	78	61	8	9
Mississippi.....	61	54	3	4	67	61	3	3	80	69	3	8
Missouri.....	86	66	7	13	96	70	10	16	104	75	11	18
Montana.....	30	26	---	4	34	30	---	4	43	32	---	11
Nebraska.....	31	27	---	4	36	29	---	7	41	32	---	9
Nevada.....	14	10	2	2	17	13	1	3	27	17	1	9
New Hampshire.....	17	12	4	1	18	13	4	1	21	14	4	3
New Jersey.....	29	21	6	2	30	23	7	---	43	25	12	6
New Mexico.....	34	30	---	4	37	32	1	4	49	36	4	9
New York.....	166	104	41	21	169	106	42	21	214	121	55	38
North Carolina.....	162	117	34	11	165	121	32	12	188	133	37	18
North Dakota.....	19	15	---	4	21	15	---	6	26	17	---	9
Ohio.....	132	80	33	19	131	79	34	18	163	86	45	32
Oklahoma.....	63	51	2	10	60	51	1	8	75	54	6	15
Oregon.....	64	53	7	4	70	57	8	5	96	66	10	20
Pennsylvania.....	196	125	44	27	197	133	41	23	229	139	50	40
Rhode Island.....	17	12	3	2	18	11	5	2	21	13	5	3
South Carolina.....	81	55	17	9	82	58	15	9	92	66	16	10
South Dakota.....	15	14	---	1	20	17	---	3	25	18	---	7
Tennessee.....	100	79	12	9	106	85	10	11	125	99	12	14
Texas.....	247	202	16	29	262	212	16	34	311	232	28	51
Utah.....	24	19	2	3	26	21	2	3	36	26	6	4
Vermont.....	14	13	---	1	14	13	---	1	14	13	---	1
Virginia.....	93	68	18	7	97	71	17	9	123	87	21	15
Washington.....	75	60	5	10	77	61	6	10	105	79	9	17
West Virginia.....	61	43	11	7	63	44	10	9	69	47	11	11
Wisconsin.....	95	69	13	13	92	68	13	11	112	73	21	18
Wyoming.....	17	16	---	1	18	17	---	1	27	21	---	6
Alaska.....	14	12	---	2	17	13	---	4	19	14	---	5
Guam.....	---	---	---	---	1	1	---	---	2	1	---	1
Hawaii.....	17	13	1	3	20	13	1	6	25	15	3	7
Puerto Rico.....	28	26	---	2	29	26	---	3	37	29	2	6
Virgin Islands.....	2	2	---	---	2	2	---	---	4	3	1	---

Source: Federal Communications Commission; *Annual Report*, 1957, and records.

### No. 659.—COMPARATIVE FINANCIAL DATA FOR RADIO BROADCAST INDUSTRY: 1950 TO 1956

[Money figures in millions of dollars. For year ending, or as of, December 31. Excludes FM (independents). Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also headnote, table 661]

ITEM	1950	1951	1952	1953	1954	1955	1956
Number of networks.....	7	7	7	7	7	7	7
Number of stations.....	2,143	2,200	2,324	2,434	2,555	2,704	2,915
Broadcast revenues.....	443.1	449.2	468.6	474.6	448.8	452.3	479.2
4 networks (incl. owned and operated stations) <sup>1</sup> .....	110.5	104.0	100.6	97.3	88.6	78.3	70.2
Other stations.....	332.6	345.2	368.0	377.3	360.2	374.0	409.0
Broadcast expenses of networks and stations.....	372.3	390.0	407.5	418.8	406.3	406.0	429.6
7 networks (incl. owned and operated stations) <sup>1</sup> .....	91.5	93.9	89.4	86.9	80.4	72.4	69.8
Other stations.....	280.8	296.0	318.1	331.9	325.9	333.6	359.8
Broadcast income before Federal income tax.....	70.7	59.3	61.1	55.8	42.5	46.4	49.6
7 networks (incl. owned and operated stations) <sup>1</sup> .....	19.0	10.1	11.2	10.4	8.1	5.9	.4
Other stations.....	51.8	49.2	49.9	45.4	34.3	40.4	49.2
BROADCAST REVENUES							
Revenues from time sales, net.....	401.1	404.6	420.5	426.0	404.1	410.9	440.3
Commissions to regularly established agencies, representatives, brokers and others.....	52.5	51.6	52.0	51.2	47.2	45.0	51.4
Revenues from time sales, total.....	453.6	456.1	473.2	477.2	451.3	455.9	491.7
Revenues from network time sales, net.....	131.5	122.0	109.9	98.1	83.7	64.1	43.4
Payments to foreign stations and elimination of miscellaneous duplications.....	1.4	.4	1.5				
Network time sales to—							
Nationwide networks.....	126.0	114.0	102.1	92.9	78.9	60.3	44.8
Regional networks.....	4.0	4.7	4.4	4.2	3.9	3.2	2.8
Miscellaneous networks and stations.....	2.9	3.8	2.9	1.0	.9	.6	.8
Revenues from non-network time sales to:							
National and regional advertisers and sponsors.....	118.8	119.6	123.7	129.6	120.2	120.4	145.5
Local advertisers and sponsors.....	203.2	214.5	230.6	249.5	247.5	272.0	297.8
Revenues from incidental broadcast activities.....	42.0	44.7	43.1	48.6	44.7	41.4	38.8
Talent.....	25.2	26.9	33.4	33.6	30.5	29.9	24.0
Sundry broadcast revenues.....	16.8	17.8	14.7	15.0	14.1	14.5	14.8

<sup>1</sup> Reverse item.

Source: Federal Communications Commission; annual release, *Final AM and FM Financial Data*.

### No. 660.—COMPARATIVE FINANCIAL DATA FOR TELEVISION BROADCAST INDUSTRY: 1950 TO 1956

[Money figures in millions of dollars. For years ending, or as of, December 31. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also headnote, table 661]

ITEM	1950	1951	1952	1953	1954	1955	1956
Number of networks.....	4	4	4	4	4	4	3
Number of stations.....	107	108	122	334	410	437	474
Broadcast revenues.....	105.9	235.7	324.2	432.7	592.9	744.7	896.9
4 networks (incl. owned and operated stations) <sup>1</sup> .....	55.5	128.4	180.2	231.7	306.7	374.0	442.3
Other stations.....	50.4	107.3	144.0	201.0	286.2	370.7	454.6
Broadcast expenses of networks and stations.....	115.1	194.1	268.7	360.5	502.6	594.5	707.3
4 networks (incl. owned and operated stations) <sup>1</sup> .....	65.5	117.4	170.3	213.7	270.2	306.0	356.9
Other stations.....	49.6	76.7	98.4	146.8	232.4	288.5	350.4
Broadcast income before Federal income tax.....	<sup>2</sup> 9.2	41.6	55.5	71.3	90.3	150.2	189.6
4 networks (incl. owned and operated stations) <sup>1</sup> .....	<sup>2</sup> 10.0	11.0	9.9	18.0	36.5	68.0	85.4
Other stations.....	.8	30.6	45.6	53.3	53.8	82.1	104.2
BROADCAST REVENUES							
Revenues from time sales, net.....	76.3	175.3	236.6	322.2	452.2	572.4	680.1
Commissions to regularly established agencies, representatives, brokers and others.....	14.3	33.3	46.5	62.5	85.9	108.7	154.0
Revenues from time sales, total.....	90.6	208.6	283.1	384.7	538.1	681.1	823.1
Revenues from network time sales, net.....	35.2	97.6	137.7	171.9	241.2	308.9	367.7
Revenues from non-network time sales to—							
National and regional advertisers and sponsors.....	25.0	59.7	80.2	124.3	176.8	222.4	281.2
Local advertisers and sponsors.....	30.4	51.3	65.2	88.5	120.1	149.8	174.2
Revenues from incidental broadcast activities.....	29.6	60.4	87.7	109.6	140.7	172.3	207.8
Talent.....	15.2	33.0	56.2	70.6	85.0	112.5	146.4
Sundry broadcast revenues.....	14.4	27.4	31.5	39.0	55.7	59.8	61.4

<sup>1</sup> Three networks after Sept. 15, 1955, when Du Mont ceased network operations.

<sup>2</sup> Loss.

Source: Federal Communications Commission; annual release, *Final TV Broadcast Financial Data*.

**No. 661.—TOTAL BROADCAST REVENUES OF ALL NETWORKS AND STATIONS, AM AND AM-FM, FM, AND TV: 1940 TO 1956**

[For year ending, or as of, December 31. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent, program material, etc. For each year, excludes data for a certain number of reports received too late to be included; 1956 data excludes 57 such AM-FM stations]

YEAR	TOTAL		AM AND AM-FM <sup>1</sup>		FM (INDEPENDENTS)		TV <sup>2</sup>	
	Number of stations	Revenues (\$1,000)	Number of stations	Revenues (\$1,000)	Number of stations	Revenues (\$1,000)	Number of stations	Revenues (\$1,000)
1940.....	765	147, 147	765	147, 147				
1941.....	825	168, 785	817	168, 779	2		6	6
1942.....	862	178, 894	851	178, 839	5	13	6	42
1943.....	852	215, 428	841	215, 318	5	26	6	84
1944.....	885	275, 550	875	275, 299	4	32	6	219
1945.....	912	299, 715	901	299, 338	5	39	6	338
1946.....	1, 043	323, 228	1, 025	322, 553	8	17	10	658
1947.....	1, 531	366, 032	1, 464	363, 714	52	422	15	1, 896
1948.....	1, 974	416, 867	1, 824	406, 995	103	1, 251	47	8, 621
1949.....	2, 223	449, 544	2, 021	413, 785	104	1, 429	98	34, 330
1950.....	2, 336	550, 395	2, 143	443, 058	86	1, 422	107	105, 915
1951.....	2, 374	635, 176	2, 200	449, 226	66	1, 266	108	235, 684
1952.....	2, 602	793, 915	2, 324	498, 592	56	1, 100	122	324, 223
1953.....	2, 813	908, 025	2, 434	474, 585	45	800	334	432, 640
1954.....	3, 008	1, 042, 486	2, 555	448, 785	43	764	410	592, 937
1955.....	3, 179	1, 198, 066	2, 704	452, 338	38	1, 013	437	744, 714
1956.....	3, 440	1, 377, 460	2, 915	479, 160	51	1, 415	474	896, 885

<sup>1</sup> Includes revenues of 4 nationwide networks and 3 regional networks.

<sup>2</sup> Includes revenues of 4 TV networks beginning in 1948 when commercial TV network operation started; covers 3 networks after Sept. 15, 1955, when Du Mont ceased network operations.

Source: Federal Communications Commission.

**No. 662.—PERCENT OF HOUSEHOLDS WITH TELEVISION SETS, BY AREA AND REGION: 1955, 1956, AND 1958**

For composition of regions, see figure I, p. XII; for explanation of urban and rural, see p. 2; and for definition of standard metropolitan areas, see headline, table 11. An urbanized area contains at least one city with 50,000 inhabitants or more in 1940 or subsequently, plus the surrounding closely settled incorporated places and unincorporated areas that comprise its urban fringe]

AREA OR REGION	June 1955	Aug. 1956	Jan. 1958	AREA OR REGION	June 1955	Aug. 1956	Jan. 1958
<b>Households having 1 set or more.....</b>	<b>67</b>	<b>76</b>	<b>83</b>	<b>By urban and rural:</b>			
<b>By area:</b>				Urban.....	74	80	87
Inside standard metropolitan areas.....	78	84	89	In urbanized areas.....	79	84	89
Outside standard metropolitan areas.....	50	63	75	Area of 3,000,000 or more.....	81	85	89
<b>By region and division:</b>				Areas of 1,000,000 to 3,000,000.....	82		91
Northeast.....	80	85	90	Areas of 250,000 to 1,000,000.....	79	83	88
New England.....	(1)	(1)	90	Areas under 250,000.....	74	81	88
Middle Atlantic.....	(1)	(1)	90	Not in urbanized areas..	56	71	81
North Central.....	72	79	87	Places of 10,000 or more.....	62	74	82
East North Central.....	(1)	(1)	89	Places under 10,000.....	52	66	79
West North Central.....	(1)	(1)	82	Rural nonfarm.....	61	73	80
South.....	53	65	74	Rural farm.....	42	57	68
South Atlantic.....	(1)	(1)	77	<b>By number of sets:</b>			
East South Central.....	(1)	(1)	68	No set.....	33	24	17
West South Central.....	(1)	(1)	75	One set.....	65	72	76
West.....	62	75	82	Two sets or more.....	2	4	7
Mountain.....	(1)	(1)	73				
Pacific.....	(1)	(1)	85				

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Housing and Construction Reports*, Series H-121.

**No. 663.—NEWSPAPERS AND PERIODICALS—NUMBER AND CIRCULATION, BY FREQUENCY OF ISSUE, AND RECEIPTS: 1929 TO 1954**

[Circulation in thousands and money figures in millions]

FREQUENCY OF ISSUE AND RECEIPTS	NEWSPAPERS				PERIODICALS			
	1929	1939	1947	1954	1929	1939	1947	1954
<b>Total number</b> .....	10,176	9,173	10,282	9,022	5,157	4,985	4,610	3,427
<b>Aggregate circulation</b> .....	91,778	96,476	119,567	135,353	202,022	239,693	384,628	449,285
<b>Daily (except Sunday):</b>								
Morning: Number.....	459	473	400	385				
Circulation.....	15,742	17,152	21,796	22,475				
Evening: Number.....	1,627	1,567	1,454	1,435	2 207	2 220	2 112	2 84
Circulation.....	26,274	25,814	31,490	33,935	2 932	2 1,979	2 842	2 748
<b>Sunday: Number</b> .....	578	542	416	510				
Circulation.....	29,012	33,007	42,736	40,350				
<b>Triweekly: Number</b> .....	56	36	21	29	8	12	5	(3)
Circulation.....	287	219	151	198	25	27	5	(3)
<b>Semiweekly: Number</b> .....	381	343	230	288	27	50	21	3 32
Circulation.....	1,580	1,090	926	1,327	1,402	2,995	182	3 263
<b>Weekly: Number</b> .....	7,075	6,212	7,705	6,249	1,158	1,109	892	487
Circulation.....	18,884	18,295	21,408	30,336	34,495	55,825	60,393	82,066
<b>Semitmonthly: Number</b> .....					224	103	233	148
Circulation.....					9,168	8,135	13,832	19,842
<b>Monthly: Number</b> .....					2,799	2,323	2,253	1,604
Circulation.....					133,048	134,766	194,824	204,026
<b>Quarterly: Number</b> .....					562	698	647	422
Circulation.....					20,605	26,238	45,535	43,330
<b>Other: Number</b> .....			56	126	172	380	447	650
Circulation.....			1,060	1,732	2,346	9,726	60,015	99,601
<b>Receipts, total</b> .....	\$1,073	\$846	\$1,792	\$2,926	\$507	\$489	\$1,046	\$1,413
Subscription and sales.....	276	306	600	841	185	185	420	531
Advertising.....	797	539	1,192	2,085	323	224	626	883

<sup>1</sup> Totals of average circulation per issue for individual publications from publishers reporting receipts on a combined frequency of issue basis as well as from publishers reporting receipts separately for each frequency of issue.

<sup>2</sup> Daily only, neither morning nor evening.

<sup>3</sup> Semiweekly and triweekly figures combined to avoid disclosure of individual company figures.

<sup>4</sup> Includes \$26 million receipts not distributed by publishers between subscription and sales and advertising.

<sup>5</sup> Includes \$19 million receipts not distributed by publishers between subscription and sales and advertising.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Manufactures: 1954*, Series MC-27A.

**No. 664.—NEWSPRINT CONSUMPTION, NEWSPAPER PAGES PER ISSUE, AND CIRCULATION PER FAMILY: 1940 TO 1957**

YEAR	NEWSPRINT CONSUMPTION (1,000 TONS)						PAGES OF NEWSPAPER PER ISSUE <sup>2</sup>		NEWSPAPER CIRCULATION PER FAMILY	
	Total <sup>1</sup>	By newspapers					Daily	Sun- day	Daily	Sun- day
		Total	For advertising content		For editorial content					
			Amount	Per- cent	Amount	Per- cent				
1940.....	3,739	3,507	1,403	40.0	2,104	60.0	27	86	1.17	0.92
1945.....	3,451	3,237	1,667	51.5	1,570	48.5	22	70	1.28	1.06
1950.....	5,863	5,521	3,219	58.3	2,302	41.7	36	112	1.23	1.06
1951.....	5,872	5,557	3,295	59.3	2,262	40.7	36	113	1.20	1.03
1952.....	5,915	5,569	3,286	59.0	2,283	41.0	36	117	1.18	1.01
1953.....	6,109	5,713	3,394	59.4	2,319	40.6	37	121	1.16	0.98
1954.....	6,103	5,732	3,376	58.9	2,356	41.1	36	122	1.17	0.98
1955.....	6,484	6,173	3,809	61.7	2,364	38.3	40	132	1.16	0.97
1956.....	6,802	6,320	3,925	62.1	2,395	37.9	40	138	1.16	0.96
1957.....	6,778	6,300	3,843	61.0	2,457	39.0	41	135	1.15	0.94

<sup>1</sup> Apparent consumption; equals production plus imports minus exports adjusted for year-end change in newspaper publishers' inventories and domestic mill stocks. <sup>2</sup> Circulation of 100,000 or more.

Source: Department of Commerce, Business and Defense Services Administration.

# No. 665.—DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, 1948 TO 1957, AND BY STATES, 1957

[Circulation figures in thousands. As of October 1. For English language newspapers only]

YEAR AND STATE	DAILY NEWSPAPERS						SUNDAY NEWS- PAPERS	
	Total		Morning		Evening		Number	Net paid circulation
	Num- ber	Net paid circula- tion	Num- ber	Net paid circula- tion	Num- ber	Net paid circula- tion		
1948.....	1,781	52,285	328	21,082	1,453	31,203	530	46,308
1949.....	1,780	52,846	329	21,005	1,451	31,841	546	46,399
1950.....	1,772	53,329	322	21,266	1,450	32,063	549	46,582
1951.....	1,773	54,018	319	21,223	1,454	32,795	543	46,279
1952.....	1,786	53,951	327	21,160	1,459	32,791	545	46,210
1953.....	1,785	54,472	327	21,412	1,458	33,060	544	45,949
1954.....	1,765	55,072	317	21,705	1,448	33,367	544	46,176
1955.....	1,760	56,147	316	22,183	1,454	33,964	541	46,448
1956.....	1,761	57,102	314	22,492	1,454	34,610	546	47,162
1957								
Cont. U. S. <sup>2</sup> .....	1,755	57,805	309	23,171	1,453	34,635	544	47,044
Alabama.....	18	638	3	197	15	440	14	542
Arizona.....	13	266	4	138	9	129	5	204
Arkansas.....	35	876	6	149	29	227	8	290
California.....	125	4,601	18	1,732	107	2,869	22	3,466
Colorado.....	26	595	4	201	22	395	9	612
Connecticut.....	25	754	6	204	19	550	6	459
Delaware.....	3	108	1	29	2	80		
District of Columbia.....	3	821	1	361	2	431	2	706
Florida.....	42	1,376	13	819	29	558	29	1,293
Georgia.....	30	882	6	380	24	502	10	793
Idaho.....	14	139	4	64	11	75	4	87
Illinois.....	186	3,999	10	1,590	77	2,410	18	3,114
Indiana.....	87	1,593	10	437	77	1,155	18	1,023
Iowa.....	44	920	4	302	40	619	8	795
Kansas.....	153	712	4	202	50	509	14	496
Kentucky.....	127	705	6	302	22	403	12	510
Louisiana.....	19	740	4	329	15	411	10	643
Maine.....	9	240	5	184	4	56	1	96
Maryland.....	12	756	4	227	8	520	3	670
Massachusetts.....	51	2,508	6	988	45	1,520	9	1,535
Michigan.....	55	2,390	2	524	53	1,865	12	2,064
Minnesota.....	29	1,020	4	363	25	657	5	995
Mississippi.....	20	272	4	70	16	202	10	182
Missouri.....	157	1,862	9	788	49	1,073	13	1,402
Montana.....	18	189	4	93	14	76	10	151
Nebraska.....	20	448	3	166	17	282	6	343
Nevada.....	8	75	2	27	6	48	3	58
New Hampshire.....	19	125	1	26	9	98	1	42
New Jersey.....	25	1,373	5	395	20	977	8	861
New Mexico.....	18	164	2	46	16	117	13	136
New York.....	94	8,676	21	5,127	73	3,549	19	9,252
North Carolina.....	47	1,034	9	511	38	523	16	699
North Dakota.....	11	159	2	35	9	125	2	85
Ohio.....	98	3,411	8	785	90	2,626	18	2,085
Oklahoma.....	52	708	8	297	44	412	40	634
Oregon.....	22	604	4	260	18	344	8	586
Pennsylvania.....	125	4,158	28	1,391	99	2,767	16	3,332
Rhode Island.....	7	299	1	59	6	240	2	191
South Carolina.....	18	463	8	323	10	140	7	348
South Dakota.....	12	162	1	3	11	159	4	110
Tennessee.....	29	1,011	7	473	22	538	12	806
Texas.....	111	2,806	22	1,162	89	1,644	75	2,449
Utah.....	5	232	1	98	4	134	4	225
Vermont.....	10	94	2	50	8	44	1	12
Virginia.....	32	836	10	389	22	447	12	569
Washington.....	27	932	6	324	21	607	10	834
West Virginia.....	30	502	9	244	21	259	9	401
Wisconsin.....	38	1,109	3	262	35	847	6	887
Wyoming.....	9	68	6	36	3	31	3	37
Alaska.....	6	49			6	49	1	4
Hawaii.....	5	175	1	47	4	128	2	86

<sup>1</sup> Adjusted to account for all-day papers listed in morning and evening figures (circulations divided between them).

<sup>2</sup> Adjusted to allow for duplication of Texarkana, Ark.-Tex. and Bristol, Tenn.-Va., in individual State tabulations (circulations divided between States), and Covington, Ky., papers also included in Ohio.

Source: Editor and Publisher, New York, N. Y.; *International Year Book Number*, 1958.

**No. 666.—BOOKS AND PAMPHLETS—QUANTITY AND VALUE OF SALES BY MANUFACTURING ESTABLISHMENTS, BY BOOK SUBJECT: 1947 AND 1954**

[Detail may not add to total because of small differences in reporting of individual establishments that could not be reconciled. "N. e. c." means not elsewhere classified]

SUBJECT	1947		1954					
	Copies sold (1,000)	Receipts (\$1,000)	Total		Hardbound		Paperbound	
			Number sold (1,000 copies)	Receipts (\$1,000)	Number sold (1,000 copies)	Receipts (\$1,000)	Number sold (1,000 copies)	Receipts (\$1,000)
<b>Books and pamphlets</b>		455, 790		665, 419				
<b>Books</b>	487, 216	435, 134	770, 840	628, 551	302, 255	502, 146	439, 062	106, 616
Textbooks:								
Elementary:								
Original editions	<sup>1</sup> 73, 442	<sup>2</sup> 54, 405	54, 596	59, 869	36, 266	52, 404	18, 300	7, 462
Reprint editions	<sup>3</sup> 812	<sup>4</sup> 663	8, 928	7, 780	4, 275	4, 901	4, 647	2, 780
High school:								
Original editions	( <sup>5</sup> )	( <sup>6</sup> )	14, 707	20, 549	12, 701	27, 772	1, 978	1, 731
Reprint editions			3, 541	4, 555	2, 920	4, 155	609	387
College:								
Original editions	23, 112	51, 337	14, 072	47, 746	13, 150	46, 758	910	929
Reprint editions	709	1, 176	1, 794	4, 044	1, 388	3, 483	376	555
School workbooks (excl. educational tests)	41, 010	13, 227	59, 373	26, 902	4, 621	2, 805	54, 471	23, 988
Religious books:								
Bibles and testaments	9, 248	9, 285	11, 359	19, 125	( <sup>7</sup> )	( <sup>8</sup> )	( <sup>9</sup> )	( <sup>10</sup> )
Hymnals			( <sup>11</sup> )	3, 048	( <sup>12</sup> )	2, 561	( <sup>13</sup> )	469
General religious books (incl. prayer books)	33, 205	19, 608	( <sup>14</sup> )	13, 959	( <sup>15</sup> )	11, 940	( <sup>16</sup> )	1, 893
Technical, scientific, and professional books:								
Original editions	13, 703	40, 035	14, 187	51, 644	8, 543	44, 918	5, 343	6, 279
Reprint editions	3, 764	5, 802	5, 030	11, 991	2, 974	10, 702	2, 064	1, 219
Trade books (incl. novels, biographies, dictionaries, and music, art, and travel books, etc.):								
Adult:								
Original editions	<sup>17</sup> 32, 345	<sup>18</sup> 46, 131	68, 829	93, 520	45, 193	86, 494	23, 937	6, 888
Reprint editions	<sup>19</sup> 108, 069	<sup>20</sup> 23, 832	205, 448	75, 805	41, 121	46, 621	164, 302	29, 161
Juvenile (excl. toy books)	53, 752	20, 289	220, 114	50, 835	75, 991	34, 190	144, 074	16, 577
Encyclopedias (subscription books):								
Original editions	<sup>21</sup> 12, 604	<sup>22</sup> 58, 351	17, 281	<sup>23</sup> 83, 194	17, 281	83, 194		
Reprint editions	<sup>24</sup> 2, 022	<sup>25</sup> 5, 500	8, 579	6, 301	8, 579	6, 631		
Other books (excl. toy books):								
Original editions	<sup>26</sup> 31, 105	<sup>27</sup> 29, 910	11, 637	18, 405	5, 007	14, 796	6, 482	3, 314
Reprint editions	<sup>28</sup> 48, 224	<sup>29</sup> 55, 583	2, 994	1, 623	446	693	2, 538	911
Books, n. e. c.			29, 346	18, 320				
<b>Pamphlets (incl. educational tests)</b>	402, 290	20, 656	267, 088	25, 094			267, 088	25, 094
Original editions			156, 837	13, 557			156, 837	13, 557
Reprint editions	402, 290	20, 656	45, 104	5, 089			45, 104	5, 089
Pamphlets, n. e. c.			65, 147	6, 448			65, 147	6, 448
Other books and pamphlets not specified by kind			( <sup>30</sup> )	11, 774				

<sup>1</sup> Excludes a small number of copies sold by establishments that were unable to report a breakdown of either their receipts or number of copies sold as between books and pamphlets.

<sup>2</sup> High school books included with elementary books.

<sup>3</sup> Withheld to avoid disclosing figures for individual companies.

<sup>4</sup> Not available.

<sup>5-10</sup> "Other books (excl. toy books)" includes book club sales and mail order sales as well as sales of books n. e. c. In 1954, book club sales and mail order sales are shown by book subject. This change in classification affects particularly 1947-1954 comparison in the adult trade book category.

<sup>11</sup> Includes an indeterminable portion, believed to be small, of receipts from other subscription books.

<sup>12</sup> Since these books are frequently sold direct to consumers, some publishers reported receipts on a retail basis; hence, aggregate receipts for this type of book are a combination of wholesale and retail values but do represent total receipts at publishing plant level. Also, since books in this category are typically sold on an installment plan basis, the values reported here (actual receipts during the year) may not agree with publishers' sales for same reporting period.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Manufactures: 1954*, Series MC-27A.

# No. 667.—BOOKS—NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT: 1950 TO 1957

[Based on reports from approximately 800 publishers. To assure as complete a coverage as possible, reports are checked against book reviews and notices and against card index of the Library of Congress. New books are new titles; new editions are revisions of trade or textbooks, and cheaper editions of original trade books. Excludes pamphlets, theses, reports, and reprints (containing no change whatsoever from original publication).]

SUBJECT	1950			1955			1957		
	Total	New books	New editions	Total	New books	New editions	Total	New books	New editions
<b>Total.....</b>	<b>11,022</b>	<b>8,634</b>	<b>2,388</b>	<b>12,589</b>	<b>10,226</b>	<b>2,363</b>	<b>13,142</b>	<b>10,561</b>	<b>2,581</b>
Agriculture, gardening.....	152	111	41	168	125	43	146	120	26
Biography.....	603	538	65	833	735	98	799	699	100
Business.....	250	190	60	312	228	84	356	266	90
Education.....	256	209	47	274	231	43	317	254	63
Fiction.....	1,907	1,211	696	2,073	1,459	614	2,111	1,433	678
Fine arts.....	357	317	40	347	305	42	350	304	46
Games, sports.....	188	153	35	200	175	25	222	195	27
General literature and criticism.....	591	510	81	660	529	131	593	477	116
Geography, travel.....	288	221	67	366	290	76	365	291	74
History.....	516	456	60	665	572	93	903	773	130
Home economics.....	193	150	43	255	205	50	154	115	39
Juvenile.....	1,059	907	152	1,485	1,372	113	1,557	1,420	137
Law.....	298	228	70	305	240	65	317	252	65
Medicine, hygiene.....	443	312	131	534	407	127	511	359	152
Music.....	113	88	25	103	85	18	84	73	11
Philology.....	148	102	46	168	118	50	184	125	59
Philosophy, ethics.....	340	278	62	314	244	70	447	355	92
Poetry, drama.....	531	453	78	493	423	70	480	378	102
Religion.....	727	626	101	849	747	102	1,003	883	120
Science.....	705	499	206	801	623	178	904	697	207
Sociology, economics.....	515	447	68	520	443	77	494	416	78
Technical and military.....	497	366	131	477	355	122	421	316	105
Miscellaneous.....	345	262	83	387	315	72	424	360	64

Source: R. R. Bowker Co., New York, N. Y. Monthly data published in *Publishers' Weekly*.

# No. 668.—REGISTRATION OF COPYRIGHTS, BY SUBJECT MATTER: 1940 TO 1957

[For years ending June 30. For information on patents, see table 624. See also *Historical Statistics, 1789-1945*, series P 170-175, for data on total registrations and on the registration of books, musical compositions, and commercial prints and labels]

SUBJECT MATTER OF COPYRIGHT	1940	1945	1950	1955	1956	1957
<b>Total.....</b>	<b>176,997</b>	<b>178,848</b>	<b>210,564</b>	<b>224,732</b>	<b>224,908</b>	<b>225,807</b>
Books.....	64,051	40,544	54,894	58,160	57,432	56,717
Printed in the United States.....	60,589	39,754	50,144	52,888	52,863	52,025
Books proper.....	11,976	6,962	11,323			
Pamphlets, leaflets, etc.....	34,687	27,936	34,383	49,142	49,373	48,811
Contributions to newspapers and periodicals.....	13,926	4,856	4,438	3,746	3,490	3,214
Printed abroad in a foreign language.....	2,504	111	3,710	3,694	3,115	2,915
English books registered for ad interim copyright.....	958	679	1,040	1,578	1,454	1,777
Periodicals (numbers).....	40,173	45,763	55,436	59,448	58,576	59,724
Lectures, sermons, addresses.....	1,276	1,177	1,007	813	771	1,003
Dramatic or dramatico-musical compositions.....	6,450	4,714	4,427	3,493	3,329	2,764
Musical compositions.....	37,975	57,835	52,309	57,527	58,330	59,614
Maps.....	1,622	857	1,638	2,013	2,242	2,084
Works of art, models, or designs.....	3,081	1,821	4,013	3,456	4,168	4,557
Reproductions of works of art.....	445	186	326	900	785	914
Drawings or plastic works of a scientific or technical character.....	2,817	1,554	1,316	1,350	1,132	699
Photographs.....	2,590	1,258	1,143	1,105	1,408	964
Commercial prints and labels.....		7,403	13,320	10,505	9,491	8,687
Prints and pictorial illustrations.....	4,699	2,634	4,309	3,793	3,306	3,409
Motion picture photoplays.....	800	615	782	1,216	1,659	1,967
Motion pictures not photoplays.....	811	1,120	1,113	1,434	1,353	1,231
Renewals of all classes.....	10,207	11,367	14,531	19,519	20,926	21,473

Source: The Library of Congress; *Annual Report*.



## Section 19

### Power

This section presents statistics relating to the supply, production, and distribution of power and energy. The principal sources of these data are the Federal Power Commission, the Bureau of Mines of the Department of the Interior, and the Atomic Energy Commission.

The Federal Power Commission publishes various statistical reports, including *Production of Electric Energy and Capacity of Generating Plants*, which present data on the production of electric energy classified by type of prime mover and on the capacity of all generating plants classified by type of prime mover. These reports also include statistics on quantities of basic fuels used (coal, oil, natural gas, etc.) and on water as an actual and potential source of power. The Commission's data cover both generation for public use by electric utilities and for use by the producer where generated by nonutility establishments. Data on sales, revenues, and numbers of customers by classes of service, on rates and typical bills, and related matters are also issued at regular intervals by the Commission. Monthly statistics on production, fuels used in production, sales by classes of service, salaries and wages, taxes, and other costs of production appear in the Commission's series entitled *Electric Power Statistics*.

The Federal Power Commission has uniform systems of accounts for public utilities subject to its jurisdiction and for its licensees. The Commission compiles data from the following periodic reports: Annual reports of electric utilities containing information as to assets, liabilities, revenues, generating capacity, and number of consumers; power system reports of electric utility systems presenting generating capacity, transmission facilities, and loads and load characteristics; monthly and annual reports containing such information as production of electricity for public use, fuel consumed, and stocks of fuel on hand; and reports from electric utilities and industrial corporations with respect to their electric power requirements and supply.

The Bureau of Mines' annual *Minerals Yearbook* presents statistics on coal, oil, and natural gas production and utilization. Other important sources of data include the semiannual reports of the Atomic Energy Commission; the American Gas Association, which in its monthly bulletins and annual statistical issues (such as *Gas Facts*) presents data on natural gas utilization and the production of manufactured gas from coal, oil, and similar products; and the *Statistical Bulletin* of the Edison Electric Institute, issued monthly and annually, which presents data on the distribution of electric energy by public utilities.

Related materials are presented in other sections of this volume. Thus, statistics on production, value, and consumption of coal, oil, and natural gas are presented in section 28, Mining and Mineral Products; statistics compiled by the Bureau of the Census in its Censuses of Manufactures and Mineral Industries on the use of power by manufacturing, extracting, and related industries are also presented in section 28, and in section 30, Manufactures.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series G 159-170") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

Note.—This section presents data for the most recent year or period available on May 1, 1953, when the material was organized and sent to the printer. In some instances, more recent data were added later.

# No. 669.—ENERGY FROM MINERAL FUELS AND WATER POWER—ANNUAL SUPPLY, 1900 TO 1957, AND CONSUMPTION, 1920 TO 1957, BY SOURCE

[In trillions of British thermal units. Unit heat values employed are: Anthracite, 12,700 B. t. u. per pound; bituminous coal and lignite, 13,100 B. t. u. per pound; petroleum, 5,800,000 B. t. u. per barrel; natural gas, total production multiplied by 1,075 B. t. u. minus repressuring vent and waste gas multiplied by 1,035. Water power includes installations owned by manufacturing plants and mines, as well as Government and privately owned public utilities. Fuel equivalent of water power calculated from kilowatt-hours of power produced wherever available, as is true of all public utility plants since 1919. Otherwise, fuel equivalent calculated from reported horsepower of installed water wheels, assuming capacity factor of 20 percent for factories and mines and of 40 percent for public utilities. See also *Historical Statistics, 1789-1945*, series G 159-170]

YEAR	Total	Water power	COAL		Crude petroleum <sup>1</sup>	Natural gas <sup>2</sup>	PERCENT				
			Anthracite	Bituminous and lignite			Water power	Coal		Crude petroleum <sup>1</sup>	Natural gas <sup>2</sup>
								Anthracite	Bituminous and lignite		
<b>ANNUAL SUPPLY</b>											
1900.....	7,893	250	1,457	5,563	369	254	3.2	18.4	70.5	4.7	3.2
1905.....	11,772	386	1,973	8,255	781	377	3.3	16.8	70.1	6.6	3.2
1910.....	15,375	530	2,146	10,928	1,215	547	3.5	14.0	71.1	7.9	3.5
1915.....	16,822	559	2,260	11,597	1,630	676	3.9	13.4	69.0	9.7	4.0
1920.....	21,365	733	2,276	14,899	2,569	883	3.5	10.7	69.7	12.0	4.1
1925.....	21,607	668	1,570	13,625	4,430	1,314	3.1	7.2	63.1	20.5	6.1
1930.....	22,119	752	1,762	12,249	5,208	2,148	3.4	8.0	55.4	23.5	9.7
1935.....	19,803	806	1,325	9,756	5,780	2,136	4.1	6.7	49.2	29.2	10.8
1940.....	25,088	880	1,308	12,072	7,849	2,979	3.5	5.2	48.1	31.3	11.9
1945.....	32,333	1,442	1,395	15,134	9,939	4,423	4.5	4.3	46.8	30.7	13.7
1950.....	34,510	1,573	1,120	13,527	11,449	6,841	4.6	3.2	39.2	33.2	19.8
1952.....	36,830	1,581	1,031	12,321	13,282	8,705	4.3	2.8	33.2	36.1	23.6
1953.....	37,076	1,522	786	11,981	13,671	9,116	4.1	2.1	32.3	36.9	24.6
1954.....	35,365	1,449	739	10,262	13,427	9,488	4.1	2.1	29.0	38.0	26.8
1955.....	38,900	1,447	665	12,174	14,410	10,204	3.7	1.7	31.3	37.1	26.2
1956.....	41,510	1,542	734	13,123	15,181	10,930	3.7	1.8	31.6	36.6	26.3
1957 (prel.).....	41,885	1,623	647	12,838	15,190	11,587	3.9	1.5	30.6	36.3	27.7
<b>CONSUMPTION</b>											
1920.....	19,782	775	2,170	13,325	2,634	869	3.9	11.0	67.4	13.3	4.4
1925.....	20,899	701	1,627	13,079	4,155	1,336	3.3	7.8	62.6	19.9	6.4
1930.....	22,288	785	1,718	11,921	5,652	2,212	3.5	7.7	53.5	25.4	9.9
1935.....	19,107	831	1,298	9,336	5,499	2,143	4.3	6.8	48.9	28.8	11.2
1940.....	23,908	917	1,245	11,290	7,487	2,969	3.8	5.2	47.2	31.4	12.4
1945.....	31,541	1,486	1,311	14,661	9,619	4,464	4.7	4.2	46.5	30.5	14.1
1950.....	34,153	1,601	1,013	11,900	12,706	6,933	4.7	3.0	34.8	37.2	23.3
1952.....	36,576	1,614	897	10,971	14,380	8,714	4.4	2.4	30.0	39.4	23.8
1953.....	37,697	1,550	711	11,182	15,092	9,162	4.1	1.9	29.7	40.0	24.3
1954.....	36,360	1,479	683	9,512	15,090	9,596	4.1	1.9	26.2	41.5	26.3
1955.....	39,956	1,497	599	11,104	16,328	10,428	3.8	1.5	27.8	40.8	26.1
1956.....	42,007	1,598	610	11,338	17,418	11,043	3.8	1.4	27.0	41.5	26.3
1957 (prel.).....	42,097	1,668	533	10,837	17,290	11,769	4.0	1.3	25.7	41.1	27.9

<sup>1</sup> Includes commingled condensate. Consumption, beginning 1950, includes petroleum products (net imports).

<sup>2</sup> Marketed production; beginning 1920, includes amount stored and lost in transmission. Consumption includes dry and liquids.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in *Mineral Industry Surveys* and annual bulletin, *Bituminous Coal and Lignite*.

## No. 670.—PROJECTIONS OF ELECTRIC ENERGY REQUIREMENTS: 1955 TO 1980

[Estimates assume prosperous peacetime conditions; exclude generation by industrial facilities and railways having generating facilities of their own]

YEAR	ENERGY USE			PEAK LOAD		
	Billion kwh	Percent increase from 1955	Percent increase for each time interval	Million kw	Percent increase from 1955	Percent increase for each time interval
1955 <sup>1</sup> .....	553.5	-----	-----	102.7	-----	-----
1960.....	779.9	40.9	40.9	143.9	40.1	40.1
1965.....	1,006.3	81.8	29.0	185.9	81.0	29.2
1970.....	1,253.2	126.4	24.5	231.2	125.1	24.4
1975.....	1,523.5	175.2	21.6	280.8	173.4	21.5
1980.....	1,821.3	229.1	19.5	335.3	226.5	19.4

<sup>1</sup> Actual figures compiled from reports of electric utilities.

Source: Federal Power Commission; *Estimated Future Power Requirements of the United States, 1955-1980*, December 1956.

**No. 671.—PRODUCTION OF ELECTRIC ENERGY AND NUMBER AND CAPACITY OF GENERATING PLANTS, BY CLASS OF OWNERSHIP AND TYPE OF PRIME MOVER: 1930 TO 1957**

[For years ending December 31, except installed capacity as of December 31. Industrial series first available for 1939; detail by type of prime mover for 1943. See also *Historical Statistics, 1789-1945*, series G 171-190 and G 200-224]

ITEM	1930	1935	1940	1945	1950	1955	1956	1957 (prel.)
<b>Production (1,000,000 kilowatt-hours)</b>			179,907	271,255	388,674	629,010	684,804	715,706
Electric utilities (for public use).....	91,112	95,287	141,837	222,486	329,141	547,038	600,668	631,380
By class of ownership:								
Privately owned.....	86,108	89,330	125,411	180,926	266,860	420,869	459,015	480,828
Percent of total.....	94.5	93.7	88.4	81.3	81.1	76.9	76.4	78.2
Publicly owned.....	5,003	5,958	16,426	41,560	62,281	126,160	141,653	150,552
Municipal.....	2,604	4,229	6,188	9,624	15,244	25,852	28,006	(1)
Federal.....	465	555	8,584	28,001	40,388	89,004	100,711	(1)
Cooperatives, power districts, State projects.....	518	732	1,175	3,146	5,793	11,253	12,937	(1)
Noncentral stations.....	416	442	479	790	857	(2)	(2)	(2)
By source of energy (percent):								
Coal.....	55.8	48.0	54.6	51.7	47.1	55.1	56.4	54.9
Oil.....	3.1	4.2	4.4	3.5	10.3	6.8	6.0	6.4
Gas.....	6.9	7.6	7.7	8.9	13.5	17.4	17.3	18.1
Hydro.....	34.2	40.3	33.4	35.9	20.2	20.7	20.3	20.6
Industrial plants <sup>3</sup> .....			38,070	48,769	59,533	81,972	84,136	84,326
<b>Installed capacity (1,000 kilowatts)</b>			50,962	62,868	82,850	130,896	137,342	145,689
Electric utilities (for public use).....	32,384	34,436	39,927	50,111	68,019	114,472	120,697	128,737
By class of ownership:								
Privately owned.....	30,285	31,820	34,399	40,307	55,176	80,887	91,145	97,229
Percent of total.....	93.5	92.4	86.2	80.4	80.1	75.9	75.5	75.5
Publicly owned.....	2,099	2,615	5,528	9,804	13,743	27,585	29,551	31,509
Municipal.....	1,601	2,002	2,977	3,586	4,970	7,795	8,325	(1)
Federal.....	226	300	1,944	5,081	6,921	16,962	18,336	(1)
Cooperatives, power districts, State projects.....	154	175	435	891	1,538	2,828	2,801	(1)
Noncentral stations.....	118	139	173	245	314	(2)	(2)	(1)
Industrial plants <sup>3</sup> .....			11,035	12,757	13,931	16,424	16,645	16,952
<b>TYPE OF PRIME MOVER</b>								
Electric utilities (for public use):								
Number of plants, total <sup>4</sup> .....	4,043	4,023	3,918	3,886	3,867	3,587	3,534	(1)
Hydro.....	1,446	1,476	1,474	1,605	1,458	1,381	1,365	(1)
Steam.....	1,626	1,424	1,153	1,057	1,051	1,045	1,037	(1)
Internal combustion.....	971	1,123	1,291	1,324	1,358	1,161	1,132	(1)
Production (1,000,000 kilowatt-hours):								
Hydro.....	31,190	38,372	47,321	79,970	95,938	112,975	122,029	130,140
Steam.....	59,293	56,144	93,002	140,435	229,543	430,119	474,552	501,240
Internal combustion.....	620	771	1,514	2,081	3,660	3,944	4,687	
Installed capacity (1,000 kilowatts):								
Hydro.....	32,384	34,436	39,927	50,111	68,019	114,472	120,697	128,737
Steam.....	8,585	9,399	11,224	14,912	17,675	25,004	25,654	26,951
Internal combustion.....	23,386	24,471	27,775	34,113	49,333	87,112	92,591	99,266
Federal.....	414	566	928	1,087	1,911	2,355	2,452	2,520
Production per kilowatt of installed capacity (kilowatt-hours) <sup>5</sup> .....	2,813	2,767	3,552	4,440	4,776	4,779	4,977	4,904
Industrial plants: <sup>3</sup>								
Production (1,000,000 kilowatt-hours).....			38,070	48,769	59,533	81,972	84,136	84,326
Hydro.....				4,777	4,946	3,261	3,208	3,102
Fuel.....				43,992	54,587	78,711	80,928	81,224
Installed capacity (1,000 kilowatts).....			11,035	12,757	13,931	16,424	16,645	16,952
Hydro.....				880	1,000	738	732	725
Steam.....				11,135	12,162	14,586	14,660	14,961
Internal combustion.....				641	770	1,100	1,253	1,266

<sup>1</sup> Not available.

<sup>2</sup> Noncentral stations distributed to other publicly owned classes on the basis of actual ownership.

<sup>3</sup> Comprises production and capacity of industrial electric power plants of 100 kilowatts and over, including amounts for stationary electric power plants of railroads and railways.

<sup>4</sup> Each prime mover type in combination plants counted separately.

<sup>5</sup> Based on capacity in service at end of year.

Source: Federal Power Commission; annual report, *Production of Electric Energy and Capacity of Generating Plants*, industrial electric power summaries, and related monthly reports for 1957.

**NO. 672.—GENERATING PLANTS—INSTALLED CAPACITY OF ELECTRIC UTILITIES  
AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND CLASS OF OWNER-  
SHIP, BY STATES: 1956**

[In thousands of kilowatts. As of December 31]

STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Indus- trial plants
		Electric utilities and industrial		Electric utilities		Total	Pri- vately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Mu- nicipal	Other	
United States.....	137,342	110,956	26,386	95,043	25,654	120,697	91,145	8,325	21,226	16,645
New England.....	6,650	5,262	1,388	4,281	1,109	5,390	5,168	186	37	1,260
Maine.....	962	467	495	287	351	637	618	4	16	325
New Hampshire.....	565	258	307	216	259	475	471	4	-----	90
Vermont.....	286	86	199	75	187	262	246	16	-----	24
Massachusetts.....	2,739	2,504	235	1,991	179	2,170	2,045	115	9	569
Rhode Island.....	455	449	6	399	2	401	395	2	5	53
Connecticut.....	1,643	1,499	144	1,313	132	1,445	1,392	45	8	198
Middle Atlantic.....	21,280	19,801	1,479	16,924	1,397	18,322	18,069	225	27	2,959
New York.....	9,382	8,350	1,032	7,328	957	8,285	8,160	108	17	1,097
New Jersey.....	3,405	3,397	9	2,947	6	2,953	2,903	48	2	452
Pennsylvania.....	8,492	8,054	438	6,649	435	7,084	7,006	70	8	1,409
East North Central.....	31,260	30,325	935	26,353	851	27,205	25,230	1,702	272	4,055
Ohio.....	8,850	8,836	14	7,593	11	7,604	7,138	452	14	1,247
Indiana.....	5,566	5,530	35	4,875	36	4,910	4,574	337	-----	655
Illinois.....	7,538	7,495	43	6,860	40	6,900	6,607	262	30	638
Michigan.....	6,311	5,889	422	4,741	395	5,136	4,544	505	87	1,175
Wisconsin.....	2,995	2,575	421	2,284	371	2,655	2,367	147	141	340
West North Central.....	9,176	7,868	1,308	7,333	1,266	8,599	5,579	1,448	1,572	577
Minnesota.....	2,072	1,883	190	1,715	156	1,871	1,482	317	72	201
Iowa.....	1,726	1,637	139	1,459	139	1,598	1,252	248	98	128
Missouri.....	1,877	1,685	193	1,563	193	1,755	1,443	226	87	121
North Dakota.....	510	270	240	264	240	504	184	11	308	7
South Dakota.....	556	223	333	220	324	544	181	40	323	12
Nebraska.....	842	634	208	622	208	830	-----	181	649	11
Kansas.....	1,592	1,586	6	1,490	6	1,496	1,036	424	36	97
South Atlantic.....	18,292	14,681	3,611	12,385	3,426	15,810	13,729	776	1,306	2,482
Delaware.....	260	260	1	224	-----	224	212	12	-----	37
Maryland.....	1,725	1,453	272	1,229	271	1,500	1,459	33	8	225
Dist. of Columbia.....	555	552	3	530	3	533	530	-----	3	22
Virginia.....	2,539	2,118	421	1,622	399	2,021	1,723	57	242	519
West Virginia.....	2,717	2,510	208	2,076	101	2,177	2,177	-----	-----	541
North Carolina.....	3,951	2,728	1,223	2,451	1,208	3,659	3,216	106	367	262
South Carolina.....	2,054	1,097	958	721	931	1,652	1,121	5	526	403
Georgia.....	1,952	1,439	513	1,219	500	1,719	1,583	16	120	233
Florida.....	2,537	2,525	13	2,284	13	2,297	1,709	548	40	241
East South Central.....	13,274	9,697	3,576	8,882	3,568	12,450	3,298	162	8,990	824
Kentucky.....	3,010	2,469	541	2,436	541	2,977	1,082	71	1,825	33
Tennessee.....	5,450	3,714	1,736	3,297	1,736	5,033	1,222	20	4,892	417
Alabama.....	4,097	2,798	1,299	2,519	1,291	3,810	1,536	1	2,273	287
Mississippi.....	717	717	-----	630	-----	630	558	71	-----	87
West South Central.....	13,751	12,803	948	9,758	945	10,703	8,640	1,052	1,011	3,048
Arkansas.....	1,360	968	391	780	388	1,168	783	63	322	192
Louisiana.....	2,549	2,549	-----	1,669	-----	1,669	1,463	206	-----	881
Oklahoma.....	1,657	1,491	166	1,427	166	1,593	1,249	102	242	64
Texas.....	8,185	7,794	391	5,882	391	6,273	5,145	681	448	1,911
Mountain.....	6,870	3,169	3,701	2,434	3,699	6,133	3,278	227	2,628	738
Montana.....	941	89	852	74	851	925	502	-----	423	16
Idaho.....	820	42	778	4	777	782	676	13	93	39
Wyoming.....	307	163	143	93	143	236	86	2	148	71
Colorado.....	1,046	708	248	702	248	949	625	129	195	97
New Mexico.....	515	490	25	429	25	454	351	33	69	61
Arizona.....	1,864	884	980	653	980	1,633	517	2	1,114	281
Utah.....	679	592	87	423	87	511	460	46	4	169
Nevada.....	698	110	588	56	587	643	60	1	582	55
Pacific.....	16,789	7,349	9,440	6,693	9,392	16,085	8,154	2,546	5,385	703
Washington.....	4,666	501	4,166	243	4,138	4,381	594	1,002	2,785	285
Oregon.....	2,466	362	2,104	204	2,085	2,289	556	52	1,682	177
California.....	9,657	6,486	3,170	6,247	3,169	9,415	7,004	1,493	918	241

Source: Federal Power Commission; annual summaries and related monthly reports.

**No. 673.—ELECTRIC ENERGY—PRODUCTION BY ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND CLASS OF OWNERSHIP, BY STATES: 1956**

[In millions of kilowatt-hours. For year ending December 31]

STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Pri- vately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Mu- nicipal	Other	
United States	684,804	559,567	125,237	478,639	122,029	600,668	459,015	28,006	113,647	84,136
New England	27,994	22,468	5,527	19,689	4,341	24,030	23,368	535	127	3,964
Maine	4,086	1,677	2,408	807	1,684	2,491	2,435	16	40	1,505
New Hampshire	2,224	1,155	1,069	1,029	841	1,870	1,861	9	—	354
Vermont	1,612	207	805	190	742	933	891	42	—	79
Massachusetts	11,045	10,186	860	9,148	714	9,861	9,475	344	42	1,184
Rhode Island	2,174	2,163	10	2,005	7	2,012	1,976	6	30	162
Connecticut	7,454	7,079	375	6,511	353	6,864	6,730	119	15	590
Middle Atlantic	101,997	93,245	8,752	82,436	8,404	90,840	90,099	623	119	11,157
New York	44,448	37,911	6,537	34,690	6,216	40,906	40,533	281	91	3,543
New Jersey	14,042	14,600	42	12,954	32	12,987	12,840	137	10	1,655
Pennsylvania	42,907	40,734	2,173	34,792	2,155	36,948	36,726	204	17	5,950
East North Central	162,119	158,159	3,961	138,708	3,525	142,233	136,086	4,976	1,171	19,886
Ohio	49,392	49,357	35	42,363	20	42,383	41,000	1,348	35	7,009
Indiana	30,685	30,591	94	27,328	94	27,422	26,547	875	—	3,263
Illinois	40,531	40,328	203	37,525	180	37,705	36,808	818	70	2,826
Michigan	28,909	27,149	1,760	21,977	1,657	23,634	21,666	1,582	386	5,274
Wisconsin	12,603	10,733	1,870	9,515	1,574	11,089	10,065	353	671	1,514
West North Central	35,389	31,387	4,002	28,946	3,811	32,757	23,578	3,585	5,594	2,632
Minnesota	8,270	7,306	904	6,546	739	7,285	6,292	773	219	985
Iowa	6,841	6,094	747	5,309	746	6,255	5,404	551	300	586
Missouri	7,679	7,589	90	7,073	90	7,163	6,007	573	583	516
North Dakota	1,343	810	533	796	533	1,329	578	21	731	14
South Dakota	1,769	541	1,228	526	1,203	1,729	466	64	1,198	40
Nebraska	2,918	2,426	492	2,409	492	2,901	—	433	2,469	17
Kansas	6,569	6,561	8	6,087	8	6,095	4,830	1,171	95	474
South Atlantic	90,270	80,430	9,840	67,672	9,073	76,746	71,068	2,533	3,145	13,524
Delaware	1,585	1,585	—	1,422	1,422	1,422	1,395	28	—	163
Maryland	8,066	6,451	1,614	5,017	1,613	6,630	6,523	89	18	1,435
Dist. of Columbia	1,455	1,450	6	1,407	6	1,412	1,407	—	6	43
Virginia	12,746	11,932	814	9,664	745	10,409	9,920	149	340	2,337
West Virginia	17,244	16,214	1,029	13,685	482	14,167	14,167	—	—	3,077
North Carolina	17,847	14,451	3,396	13,234	3,363	16,597	15,342	221	1,034	1,250
South Carolina	8,750	7,030	1,720	4,807	1,069	6,636	5,090	7	1,439	2,215
Georgia	9,751	8,513	1,238	7,059	1,175	8,234	7,965	51	217	1,518
Florida	12,827	12,805	22	11,318	22	11,340	9,259	1,989	92	1,487
East South Central	78,816	63,776	15,040	59,043	15,015	74,058	16,423	365	57,270	4,758
Kentucky	18,211	15,719	2,491	15,584	2,491	18,075	4,885	183	13,006	136
Tennessee	31,894	24,855	7,039	22,226	7,039	29,265	476	55	28,734	2,629
Alabama	25,216	19,707	5,509	18,332	5,485	23,817	8,288	—	15,529	1,398
Mississippi	3,496	3,496	—	2,901	—	2,901	2,774	127	—	595
West South Central	68,374	67,106	1,268	45,110	1,264	46,374	40,754	3,408	2,213	22,060
Arkansas	6,250	5,597	653	4,330	649	4,979	4,280	123	575	1,271
Louisiana	13,554	13,554	—	6,989	—	6,989	6,506	483	—	6,565
Oklahoma	6,290	6,167	123	5,858	123	5,981	5,061	218	702	309
Texas	42,281	41,788	493	27,933	493	28,426	24,908	2,582	936	13,555
Mountain	30,746	15,065	15,680	11,591	15,679	27,270	17,408	726	9,136	2,476
Montana	5,532	74	5,459	36	5,459	5,495	3,251	—	2,244	38
Idaho	4,063	142	4,320	(1)	4,320	4,520	3,807	77	636	142
Wyoming	1,139	556	583	366	583	948	360	1	587	191
Colorado	4,408	3,528	880	3,134	879	4,013	2,946	386	682	395
New Mexico	2,492	2,387	15	2,035	15	2,050	1,736	103	211	352
Arizona	7,095	4,584	2,510	3,555	2,510	6,066	2,612	7	3,448	1,029
Utah	3,648	3,302	346	2,154	346	2,501	2,330	151	20	1,147
Nevada	1,860	492	1,367	310	1,367	1,677	367	2	1,309	182
Pacific	89,099	27,931	61,168	25,444	60,916	86,360	40,232	11,255	34,874	2,739
Washington	27,388	965	26,423	—	26,221	26,219	3,208	3,871	19,140	1,168
Oregon	14,060	638	13,423	89	13,872	13,462	2,272	215	10,974	599
California	47,651	26,329	21,322	25,357	21,322	46,679	34,751	7,168	4,760	972

1 Less than 500,000.

Source: Federal Power Commission; annual summaries and related monthly reports.

# No. 674.—ELECTRIC UTILITIES—INSTALLED GENERATING CAPACITY AND PRODUCTION, BY STATES: 1945 TO 1956

[Installed capacity as of December 31; production for years ending December 31]

STATE	INSTALLED CAPACITY (1,000 kw)				PRODUCTION (1,000,000 kwh)			
	1945	1950	1955	1956	1945	1950	1955	1956
United States.....	50,111	68,919	114,472	120,697	222,486	329,141	547,038	600,668
New England.....	3,198	4,052	5,271	5,390	11,805	16,211	22,610	24,030
Maine.....	332	415	623	637	1,349	1,680	2,405	2,491
New Hampshire.....	305	398	474	475	1,038	1,329	1,718	1,870
Vermont.....	175	204	261	262	832	735	981	933
Massachusetts.....	1,330	1,653	2,167	2,170	4,577	6,588	9,461	9,861
Rhode Island.....	283	359	401	401	919	1,656	1,955	2,012
Connecticut.....	773	1,022	1,345	1,445	3,091	4,223	6,091	6,864
Middle Atlantic.....	10,510	13,225	18,218	18,322	46,678	63,372	86,140	90,840
New York.....	5,361	6,257	8,469	8,285	22,003	29,452	39,533	40,906
New Jersey.....	1,571	2,053	2,914	2,953	7,325	9,921	12,306	12,987
Pennsylvania.....	3,578	4,916	6,835	7,084	17,350	24,000	34,301	35,948
East North Central.....	11,506	16,083	25,976	27,205	50,921	75,349	125,853	142,233
Ohio.....	3,250	4,430	7,459	7,604	14,706	21,967	35,955	42,383
Indiana.....	1,610	2,142	4,351	4,910	7,442	10,374	21,193	27,422
Illinois.....	3,058	4,506	6,955	6,900	14,020	20,686	35,997	37,705
Michigan.....	2,383	3,222	4,590	5,136	9,827	15,316	22,365	23,634
Wisconsin.....	1,205	1,783	2,622	2,655	4,926	7,006	10,363	11,089
West North Central.....	3,466	5,024	7,930	8,599	12,728	19,237	30,463	32,757
Minnesota.....	752	1,151	1,704	1,871	2,666	4,549	6,642	7,285
Iowa.....	761	1,173	1,554	1,598	2,876	4,428	6,212	6,255
Missouri.....	816	958	1,743	1,756	3,021	3,718	6,952	7,163
North Dakota.....	100	187	264	504	313	660	963	1,329
South Dakota.....	99	169	401	544	265	536	1,399	1,729
Nebraska.....	416	572	762	830	1,334	2,011	2,816	2,901
Kansas.....	521	814	1,353	1,496	2,254	3,335	5,478	6,095
South Atlantic.....	6,557	8,857	15,131	15,810	28,285	43,604	71,229	76,746
Delaware.....	39	28	224	224	43	20	1,366	1,422
Maryland.....	900	1,099	1,373	1,500	4,334	5,040	5,845	6,630
District of Columbia.....	458	508	533	533	1,681	1,669	1,627	1,412
Virginia.....	795	1,204	1,931	2,021	3,717	6,233	9,380	10,409
West Virginia.....	960	1,256	2,177	2,177	5,780	7,821	14,239	14,167
North Carolina.....	1,347	1,760	3,505	3,689	4,966	9,829	15,592	16,597
South Carolina.....	792	847	1,652	1,652	2,251	2,910	5,870	6,536
Georgia.....	716	1,156	1,675	1,719	2,901	5,235	7,705	8,234
Florida.....	550	999	2,062	2,297	2,613	4,847	9,593	11,340
East South Central.....	3,434	4,464	11,687	12,450	16,596	24,606	66,530	74,058
Kentucky.....	581	904	2,745	2,977	2,367	4,390	17,693	18,075
Tennessee.....	1,452	1,670	4,628	5,033	6,922	9,379	24,625	29,265
Alabama.....	1,327	1,690	3,654	3,810	7,099	9,577	21,348	23,817
Mississippi.....	74	200	631	630	208	1,260	2,864	2,901
West South Central.....	2,694	4,717	9,449	10,703	13,682	22,515	40,823	46,374
Arkansas.....	222	450	1,165	1,168	776	1,975	4,909	4,979
Louisiana.....	542	909	1,594	1,669	3,250	4,936	6,677	6,989
Oklahoma.....	457	723	1,260	1,593	2,255	2,927	5,337	5,981
Texas.....	1,473	2,636	5,430	6,273	7,401	12,762	23,900	28,426
Mountain.....	2,647	3,445	6,106	6,133	11,974	16,497	24,155	27,270
Montana.....	373	442	925	925	2,318	3,136	4,696	5,495
Idaho.....	267	445	781	782	1,263	2,538	3,907	4,520
Wyoming.....	82	139	236	236	261	595	724	948
Colorado.....	332	464	959	949	1,129	1,850	3,719	4,013
New Mexico.....	162	281	459	454	559	1,014	1,765	2,050
Arizona.....	668	843	1,626	1,633	3,437	3,489	5,535	6,066
Utah.....	171	235	523	511	417	659	2,377	2,501
Nevada.....	590	596	597	643	2,590	3,210	1,431	1,877
Pacific.....	6,100	9,054	14,733	16,085	29,818	47,751	79,245	86,360
Washington.....	1,814	2,765	4,074	4,381	9,690	17,371	24,030	26,219
Oregon.....	903	973	2,046	2,289	4,185	5,545	12,703	13,462
California.....	3,384	5,316	8,612	9,415	15,943	24,836	42,512	46,679

Source: Federal Power Commission; based on annual report, *Production of Electric Energy and Capacity of Generating Plants*, and related monthly reports.

NO. 675.—WATER POWER—DEVELOPED, 1920 TO 1956, AND ESTIMATED UNDEVELOPED, 1956, BY STATES

[In thousands of kilowatts. As of December 31]

STATE	DEVELOPED WATER POWER (capacity of actual installations only)										Estimated undeveloped water power, 1956
	Electric utilities only	Electric utilities and industrial plants									
		1939			1950			1956			
		1920	1930	Total	Utilities	Total	Utilities	Industrial	Total	Utilities	
United States.....	3,704	8,585	12,075	11,004	18,675	17,675	1,000	26,386	25,654	732	90,102
New England.....	291	753	1,115	833	1,239	971	268	1,388	1,109	278	2,728
Maine.....	40	174	301	188	391	270	121	495	351	145	1,263
New Hampshire.....	43	212	292	235	312	262	50	307	259	49	504
Vermont.....	49	156	173	158	192	177	15	199	187	13	454
Massachusetts.....	114	120	228	161	223	168	55	235	179	56	259
Rhode Island.....	2	2	14	3	11	3	8	6	2	4	---
Connecticut.....	44	79	107	88	107	89	18	144	132	13	158
Middle Atlantic.....	662	1,290	1,633	1,563	1,678	1,602	76	1,479	1,397	81	8,012
New York.....	540	1,074	1,229	1,165	1,225	1,155	70	1,032	957	76	4,505
New Jersey.....	1	1	6	3	9	6	3	9	6	3	225
Pennsylvania.....	120	215	399	395	444	441	3	438	435	3	3,282
East North Central.....	372	602	790	703	901	828	73	935	851	83	2,798
Ohio.....	17	13	16	12	16	12	4	14	11	3	341
Indiana.....	11	35	38	35	37	37	---	35	35	---	600
Illinois.....	43	50	51	49	54	49	5	43	40	3	1,208
Michigan.....	167	258	368	344	399	384	15	422	395	27	328
Wisconsin.....	134	247	318	263	396	347	49	421	371	50	321
West North Central.....	257	279	537	501	629	577	52	1,308	1,266	42	6,202
Minnesota.....	88	122	158	126	181	138	43	190	156	34	231
Iowa.....	188	124	127	127	137	137	---	139	139	(1)	454
Missouri.....	12	13	151	151	151	151	---	193	193	---	2,938
North Dakota.....	---	---	(1)	---	---	---	---	240	240	---	359
South Dakota.....	5	4	4	4	11	3	8	333	324	8	1,227
Nebraska.....	7	11	87	86	142	142	(1)	208	208	(1)	703
Kansas.....	7	6	9	7	6	6	---	6	6	---	290
South Atlantic.....	589	1,603	2,224	1,803	2,767	2,297	470	3,611	3,426	185	7,586
Delaware.....	---	---	(1)	---	1	---	1	1	---	1	---
Maryland.....	1	272	273	271	272	271	1	272	271	---	360
District of Columbia.....	---	2	3	2	3	3	---	3	3	---	---
Virginia.....	45	83	204	182	207	183	24	421	399	22	1,206
West Virginia.....	9	56	209	101	208	101	107	208	101	107	2,160
North Carolina.....	144	397	651	400	962	662	300	1,223	1,208	15	974
South Carolina.....	231	506	520	495	679	653	26	958	931	27	786
Georgia.....	155	271	349	337	425	412	13	513	500	13	2,010
Florida.....	4	14	14	14	13	13	---	13	13	---	90
East South Central.....	170	863	1,270	1,140	2,729	2,721	8	3,576	3,568	8	3,920
Kentucky.....	---	105	111	111	271	271	---	541	541	---	1,320
Tennessee.....	97	127	432	310	1,238	1,238	---	1,736	1,736	---	507
Alabama.....	72	632	727	719	1,220	1,212	8	1,299	1,291	8	1,683
Mississippi.....	---	---	---	---	---	---	---	---	---	---	410
West South Central.....	4	19	140	139	466	463	3	948	945	3	3,801
Arkansas.....	1	11	67	67	148	145	3	391	388	3	1,483
Louisiana.....	---	---	1	---	---	---	---	---	---	---	46
Oklahoma.....	1	2	2	2	74	74	---	166	166	---	767
Texas.....	2	6	71	71	245	245	(1)	391	391	(1)	1,505
Mountain.....	487	784	1,583	1,581	2,286	2,282	4	3,701	3,699	3	21,333
Montana.....	212	300	321	321	427	426	1	852	851	1	5,799
Idaho.....	135	225	257	257	441	440	1	778	777	1	7,964
Wyoming.....	2	12	47	47	79	79	---	143	143	---	978
Colorado.....	48	52	67	66	92	91	1	248	248	1	1,801
New Mexico.....	1	1	1	1	25	25	---	25	25	---	188
Arizona.....	23	87	293	293	541	541	---	980	980	---	3,391
Utah.....	58	98	93	92	94	94	---	87	87	---	1,077
Nevada.....	9	9	505	504	587	586	1	588	587	1	135
Pacific.....	872	2,391	2,783	2,741	5,979	5,933	46	9,440	9,392	48	33,722
Washington.....	241	596	812	784	2,591	2,564	27	4,166	4,138	27	18,723
Oregon.....	65	156	286	278	783	766	17	2,104	2,085	19	6,293
California.....	566	1,640	1,685	1,680	2,606	2,604	2	3,170	3,169	2	8,706

<sup>1</sup>Less than 500.

Source: Federal Power Commission; annual report, *Production of Electric Energy and Capacity of Generating Plants*, and annual summaries.

### No. 676.—FEDERAL ELECTRIC UTILITY PROJECTS—INSTALLED CAPACITY AND INVESTMENT ALLOCATED TO ELECTRIC PLANT: 1954 TO 1956

[As of June 30. Comprises only the electricity generating plant of these projects and 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 have not been deducted]

PROJECT GROUP OR SYSTEM	INSTALLED CAPACITY (1,000 kw)			INVESTMENT ALLOCATED <sup>1</sup> (\$1,000)		
	1954	1955	1956	1954	1955	1956
Total.....	13,461	16,521	17,553	3,371,131	3,811,843	4,306,644
Percent capacity of all electric utilities.....	13.1	14.4	14.6			
Central Valley: Bureau of Reclamation.....	450	626	630	127,678	134,082	168,359
Columbia Basin.....	3,315	3,759	4,239	893,512	1,020,600	1,195,135
Bonneville Power Administration (transmission).....				335,172	368,914	397,495
Bureau of Reclamation.....	2,259	2,259	2,259	222,856	218,084	217,640
Corps of Engineers.....	1,056	1,500	1,980	335,454	433,602	580,000
Hoover and Parker-Davis: Bureau of Reclamation.....	1,590	1,590	1,595	203,364	205,598	206,838
Missouri Basin.....	571	727	927	281,614	369,577	528,816
Bureau of Reclamation.....	326	362	362	142,618	214,278	225,425
Corps of Engineers.....	245	365	565	138,996	155,299	303,391
Southeastern Power Administration.....	1,031	1,031	1,031	258,817	259,142	295,831
Southeastern Power Administration.....				90	63	69
Corps of Engineers.....	1,031	1,031	1,031	258,727	259,079	295,762
Southwestern Power Administration (transmission).....	426	426	501	143,279	144,629	173,273
Southwestern Power Administration (transmission).....				22,961	23,444	23,589
Corps of Engineers.....	426	426	501	120,318	121,185	149,634
Tennessee Valley Authority.....	5,964	8,214	8,472	1,420,449	1,634,057	1,693,741
Other projects.....	114	148	158	42,418	44,158	44,651
Bureau of Reclamation.....	81	83	93	24,585	20,483	20,926
Corps of Engineers.....	18	18	18	11,829	11,833	11,845
Bureau of Indian Affairs.....	15	15	15	6,004	6,342	6,380
International Boundary and Water Commission.....		32	32		5,500	5,500

<sup>1</sup> Includes estimates.

Source: Federal Power Commission.

### No. 677.—ELECTRIC UTILITIES—NUMBER OF ELECTRIC UTILITY SUPPLY SYSTEMS AND GENERATING PLANTS, BY CLASS OF OWNERSHIP: 1945 TO 1956

[As of December 31. Duplications of establishments operating in two or more States have been eliminated. Each type of prime mover in combination generating plants counted separately; nonutility generating plants, approximately 2,650 in 1956, producing primarily for industrial use, are excluded]

ITEM	Total, all classes	Pri- vately owned	PUBLICLY OWNED				Coop- eratives
			Total	Municipal	Federal	Public utility districts and State projects	
1945: Total electric supply systems.....	4,051	1,060	2,991	2,092	74	25	800
Systems with generating plants.....	1,594	492	1,102	990	18	11	83
Number of generating plants.....	3,886	2,400	1,486	1,157	86	101	142
1950: Total electric supply systems.....	4,007	821	3,186	2,077	55	91	963
Systems with generating plants.....	1,495	393	1,102	955	13	42	92
Number of generating plants.....	3,867	2,334	1,533	1,136	83	148	166
1954: Total electric supply systems.....	3,676	592	3,084	1,980	57	92	955
Systems with generating plants.....	1,334	325	1,009	875	7	46	81
Number of generating plants.....	3,627	2,148	1,479	1,072	118	143	146
1955: Total electric supply systems.....	3,648	581	3,067	1,968	57	92	950
Systems with generating plants.....	1,315	315	1,000	865	9	48	78
Number of generating plants.....	3,637	2,103	1,484	1,068	129	141	146
1956: Total electric supply systems.....	3,454	475	2,979	1,895	57	92	935
Systems with generating plants.....	1,283	301	982	853	9	47	73
Number of generating plants.....	3,534	2,064	1,470	1,061	133	135	141

Source: Federal Power Commission; annual report, *Production of Electric Energy and Capacity of Generating Plants*, and annual summaries.



No. 678.—ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED CLASS A AND B COMPANIES: 1940 TO 1956

[In thousands of dollars. For years ending December 31. Data cover reports of all companies having annual electric revenues in excess of \$250,000. These concerns represent approximately 98 percent of the total privately owned electric utility industry]

ITEM	1940	1945	1950	1955	1956
<b>COMPOSITE BALANCE SHEET</b>					
<b>Assets and other debits, total</b> .....	<b>15,579,209</b>	<b>14,568,323</b>	<b>20,589,713</b>	<b>31,080,865</b>	<b>33,341,279</b>
Utility plant.....	14,406,987	14,490,782	21,440,988	33,708,941	36,446,185
Electric.....	10,447,232	12,175,986	18,955,962	30,306,600	32,762,497
Other.....	1,650,694	1,823,914	2,485,026	3,402,341	3,683,688
Unclassified <sup>1</sup> .....	2,309,061	490,882			
Reserve for depreciation and amortization.....	1,918,974	5,064,919	4,386,860	6,405,966	6,862,351
Utility plant less reserves.....	12,494,013	11,425,863	17,055,728	27,302,975	29,483,834
Utility plant adjustments.....	(2)	(2)	2,055	3,393	410
Investment and fund accounts.....	1,380,403	1,080,443	31,234,927	3,032,872	3,937,155
Current and accrued assets.....	1,122,902	1,095,721	2,058,124	2,567,267	2,617,581
Other assets.....	581,891	357,296	238,879	277,358	302,719
<b>Liabilities and other credits, total</b> .....	<b>15,579,209</b>	<b>14,568,323</b>	<b>20,589,713</b>	<b>31,080,865</b>	<b>33,341,279</b>
Capital stock.....	6,570,852	6,062,262	7,943,911	11,231,342	11,877,549
Common.....	4,392,601	3,879,314	5,046,117	6,942,293	7,247,731
Preferred.....	2,078,219	2,071,133	2,574,886	3,461,663	3,686,547
Premiums assessments, etc.....	100,032	111,815	322,908	827,386	943,271
Capital surplus.....	256,890	230,439	323,508	330,178	329,159
Earned surplus.....	860,351	765,522	1,345,981	2,363,813	2,713,563
Long-term debt.....	6,895,460	6,141,453	9,188,616	14,329,900	15,231,199
Current and accrued liabilities.....	692,038	964,830	1,527,186	2,380,995	2,627,411
Other liabilities.....	303,609	304,817	260,511	444,637	562,398
<b>COMPOSITE INCOME ACCOUNT</b>					
Electric operating revenues.....	2,403,712	3,171,457	4,783,860	7,199,046	7,780,147
Electric operating revenue deductions.....	1,666,985	2,408,569	3,828,255	5,701,693	6,172,895
Operating expenses.....	1,013,189	1,453,615	2,454,994	3,378,990	3,656,273
Depreciation and amortization.....	256,396	315,858	434,434	697,932	768,642
Taxes.....	397,400	639,096	938,827	1,624,771	1,747,980
Net electric operating revenues.....	736,727	762,888	955,605	1,497,353	1,607,252
Income from electric plant leased to others.....	7,625	4,760	5,200	2,829	2,808
<b>Electric utility operating income</b> .....	<b>744,352</b>	<b>767,638</b>	<b>960,805</b>	<b>1,500,182</b>	<b>1,610,060</b>
Other utility operating income.....	60,536	65,082	72,273	119,345	137,476
<b>Total utility operating income</b> .....	<b>804,888</b>	<b>832,720</b>	<b>1,033,078</b>	<b>1,619,527</b>	<b>1,747,536</b>
Other income.....	68,149	54,338	68,156	63,114	60,696
<b>Gross income</b> .....	<b>873,037</b>	<b>887,058</b>	<b>1,101,234</b>	<b>1,682,641</b>	<b>1,808,232</b>
Income deductions.....	325,373	352,604	279,291	438,578	475,992
Interest on long-term debt.....	266,007	210,771	259,705	432,490	404,252
Other income deductions (net).....	58,766	141,833	19,586	6,088	11,740
<b>Net income</b> .....	<b>547,664</b>	<b>534,454</b>	<b>821,943</b>	<b>1,244,063</b>	<b>1,332,240</b>

<sup>1</sup> Beginning 1950, limited amounts of unclassified utility plant and reserves for depreciation have been assigned to electric and other utility departments on the basis of estimates.

<sup>2</sup> Included with utility plant.

<sup>3</sup> Less reserves.

<sup>4</sup> Reverse item.

Source: Federal Power Commission; annual report, *Statistics of Electric Utilities in the United States*.

# No. 679.—ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1940 TO 1957

[See also *Historical Statistics, 1789-1945*, series G 225-233]

CLASS	1940	1945	1950	1955	1956	1957
Energy generated <sup>1</sup> .....million kilowatt-hours.....	141,837	222,486	329,141	547,038	600,668	631,380
Sales to ultimate customers.....do.....	118,643	193,558	280,539	480,921	530,128	557,829
Residential or domestic.....do.....	23,317	34,184	67,030	120,524	133,851	147,059
Rural (distinct rural rates).....do.....	1,991	3,669	7,400	10,751	11,098	11,290
Commercial and industrial:						
Small light and power.....do.....	22,373	30,438	50,446	80,759	87,743	95,142
Large light and power.....do.....	59,557	107,490	139,065	249,206	276,647	282,734
All other.....do.....	11,405	17,777	16,598	19,681	20,789	21,604
Revenue from ultimate customers.....\$1,000.....	2,440,217	3,341,518	5,086,465	8,020,439	8,698,308	9,289,602
Residential or domestic.....do.....	895,951	1,167,356	1,931,696	3,186,651	3,476,719	3,759,110
Rural (distinct rural rates).....do.....	49,473	90,345	157,611	228,815	240,353	242,457
Commercial and industrial:						
Small light and power.....do.....	689,253	850,213	1,333,755	1,993,099	2,147,085	2,303,802
Large light and power.....do.....	631,428	1,001,957	1,404,980	2,275,727	2,475,476	2,598,933
All other.....do.....	174,112	231,647	258,423	336,147	358,675	385,300
Ultimate customers, Dec. 31.....1,000.....	30,191	34,031	44,986	52,559	53,995	55,171
Residential or domestic.....do.....	24,952	28,117	37,533	44,409	45,711	46,857
Rural (distinct rural rates).....do.....	686	1,234	1,596	1,648	1,687	1,635
Commercial and industrial:						
Small light and power.....do.....	4,260	4,398	5,466	6,042	6,125	6,187
Large light and power.....do.....	178	162	235	288	295	309
All other.....do.....	115	119	156	172	177	183

<sup>1</sup> Figures obtained by Edison Electric Institute from Federal Power Commission.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

# No. 680.—CONSUMPTION OF FUELS BY ELECTRIC UTILITIES FOR PRODUCTION OF ELECTRIC ENERGY: 1920 TO 1957

[For years ending December 31. Use of fuels for stand-by purposes is included. See also *Historical Statistics, 1789-1945*, series G 194-199]

YEAR	CONSUMPTION OF FUELS						Con- sump- tion of coal and coal equiva- lent of other fuels (1,000 short tons)	Out- put by fuels <sup>2</sup> (million kilo- watt- hours)	Con- sump- tion of coal per kilo- watt- hour (pounds)
	Coal (1,000 short tons)				Fuel oil (1,000 42-gal. bbl.)	Gas (million cubic feet)			
	Total	Bitumi- nous <sup>1</sup>	Anthra- cite	Lignite <sup>1</sup>					
1920.....	31,640	30,099	1,540	-----	12,690	22,136	35,791	23,495	3.0
1925.....	35,615	33,803	1,812	-----	9,794	45,472	40,014	39,443	2.0
1930.....	40,278	38,130	2,148	-----	8,805	119,553	47,545	59,583	1.60
1935.....	32,715	30,936	1,779	-----	11,257	124,118	40,797	56,689	1.44
1940.....	51,474	47,721	2,348	1,405	16,325	180,096	62,942	93,963	1.34
1945.....	74,725	70,621	3,122	982	20,228	326,212	92,642	142,331	1.30
1949.....	83,963	79,397	3,354	1,213	66,301	550,121	124,574	200,965	1.24
1950.....	91,871	86,855	3,609	1,407	75,420	628,919	138,421	232,813	1.19
1951.....	105,768	100,378	3,870	1,521	63,945	763,898	154,498	270,531	1.14
1952.....	107,071	101,795	3,762	1,514	67,218	910,117	160,872	293,640	1.10
1953.....	115,897	110,774	3,614	1,509	82,238	1,034,272	178,491	337,042	1.06
1954.....	118,385	113,660	3,166	1,558	66,745	1,165,498	180,367	364,354	0.99
1955.....	143,759	138,883	3,209	1,667	75,274	1,153,280	206,929	433,786	0.95
1956.....	158,279	153,492	3,296	1,491	72,711	1,239,311	223,733	478,487	0.94
1957 (prel.).....	160,766	156,047	3,368	1,351	79,559	1,338,079	232,641	501,240	0.93

<sup>1</sup> Lignite included with bituminous coal prior to 1940.

<sup>2</sup> Output by use of wood and waste not included except small amount in 1957.

Source: Federal Power Commission; annual report, *Consumption of Fuel for Production of Electric Energy*, and related monthly reports.

## No. 681.—FARM ELECTRIFICATION: 1940 TO 1957

[Beginning 1950, data reflect change in Census definition of farm, which tends to decrease number of farms]

ITEM	1940	1945	1950	1955	1956	1957
Total number of farms <sup>1</sup> .....	6,096,799	5,859,169	5,382,162	4,782,393		
Total number of farms served, Dec. 31.....	2,050,000	2,929,000	4,424,000	4,487,000	4,561,000	4,615,000
By private companies.....	1,448,500	1,707,100	1,998,000	1,940,000	1,982,000	2,004,000
By public authorities, total.....	601,500	1,221,900	2,426,000	2,547,000	2,579,000	2,611,000
By REA cooperatives <sup>2</sup> .....	517,500	1,051,000	2,168,000	2,287,000	2,314,000	2,341,000
Other public <sup>3</sup> .....	84,000	170,900	258,000	260,000	265,000	270,000
<b>EASTERN FARMS<sup>4</sup></b>						
Number of customers (farms served), average.....	1,431,028	2,160,265	3,288,009	3,445,000	3,499,000	3,547,000
Sales, kilowatt-hours.....1,000.....	1,535,350	3,394,000	7,677,000	12,574,000	13,620,000	14,679,000
Revenue.....\$1,000.....	66,525	124,390	244,136	346,861	368,994	392,679
Kilowatt-hours per customer.....	1,073	1,571	2,335	3,650	3,893	4,139
Annual bill, average.....dollars.....	46.46	57.50	74.25	100.74	105.50	110.93
Revenue per kilowatt-hour.....cents.....	4.33	3.66	3.18	2.76	2.71	2.68
<b>WESTERN FARMS<sup>5</sup></b>						
Number of customers (farms served), average.....	413,989	637,600	958,000	1,009,000	1,024,000	1,042,000
Sales, kilowatt-hours.....1,000.....	1,820,000	2,514,000	4,632,000	8,254,000	8,448,000	8,877,143
Revenue.....\$1,000.....	35,500	52,595	88,470	147,431	154,246	160,343
Kilowatt-hours per customer.....	4,396	3,943	4,833	8,180	8,246	8,523
Annual bill, average.....dollars.....	85.72	82.41	92.31	146.42	150.90	154.27
Revenue per kilowatt-hour.....cents.....	1.95	2.09	1.91	1.79	1.83	1.81

<sup>1</sup> Census figures; relate to Apr. 1 for 1940 and 1950, Jan. 1 for 1945, and Nov. for 1954.<sup>2</sup> 1954 data.<sup>3</sup> Represents cooperatives only and excludes customers of all other agencies (companies and municipals) financed in whole or in part by REA.<sup>4</sup> Customers served by municipal systems and various power districts.<sup>5</sup> "Eastern farms" are those located in the area not affected by heavy irrigation pumping and their statistics are a measure of use of electricity on the average farm. "Western farms" are those where irrigation may be involved. Possibly less than one-fifth of farms in irrigation States do actual pumping, but statistics are not available to make a more accurate separation. Figures for "Western farms," therefore, are more a reflection of fluctuation in the energy used than they are of the conventional farm requirements.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

## No. 682.—RURAL ELECTRIFICATION ADMINISTRATION—SUMMARY OF OPERATIONS, ELECTRIC PROGRAM: 1935 TO 1957

YEAR	LOANS APPROVED, CUMULATIVE AS OF DEC. 31 <sup>1</sup>		SYSTEMS IN OPERATION, DEC. 31 <sup>2</sup>			BORROWERS' OPERATIONS DURING YEAR <sup>7</sup>			
	Borrowers <sup>3</sup>	Amount	Sys-tems <sup>4</sup>	Miles ener-gized <sup>5</sup>	Con-sumers served <sup>6</sup>	Energy generated	Energy purchased	Energy distrib-uted	Revenue
	Number	\$1,000	Number	Miles	Number	1,000 kwh	1,000 kwh	1,000 kwh	\$1,000
1935.....	6,977		2	0	0	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
1940.....	791	351,455	685	267,846	674,495	258,397	2,344,550	2,136,384	73,607
1945.....	961	666,954	848	449,579	1,408,918	1,076,946	8,164,801	7,778,735	241,373
1950.....	1,076	2,311,637	1,007	1,088,777	3,413,407				
1951.....	1,076	2,484,444	1,016	1,178,515	3,665,966		9,999,422	9,738,486	285,141
1952.....	1,081	2,668,946	1,020	1,244,645	3,858,396		11,757,007	11,534,359	323,575
1953.....	1,078	2,778,136	1,022	1,297,254	4,024,826		13,737,814	13,755,494	366,428
1954.....	1,075	2,946,228	1,024	1,332,937	4,174,346		16,120,367	16,508,177	412,842
1955.....	1,077	3,125,068	1,026	1,361,605	4,251,250		18,457,306	19,200,477	455,250
1956.....	1,077	3,343,094	1,026	1,382,737	4,361,896		20,975,648	21,907,231	497,660
1957 (prel.).....	1,079	3,633,663	1,030	1,405,000	4,464,000		23,221,000	23,622,000	527,200

<sup>1</sup> Net; i. e., excludes loans rescinded. For years prior to 1948, includes amounts not yet under loan contract.<sup>2</sup> Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made.<sup>3</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Dec. 31, 1957, there were 50 such borrowers, with 13,421 miles energized and 63,899 consumers served.<sup>4</sup> Rural electric distribution, generation, and transmission systems operated by REA borrowers.<sup>5</sup> Pole miles of electric distribution and transmission line in service.<sup>6</sup> Through 1954, this item was headed "Consumers connected." The change was a result of a revised definition of a consumer as reported by REA borrowers, effective Jan. 1, 1955. It resulted in a downward adjustment in the national total of about 60,000 for 1955, chiefly through elimination of idle services.<sup>7</sup> Includes energy sales and revenues of power sold by one REA borrower to another. <sup>8</sup> Not available.Source: Department of Agriculture, Rural Electrification Administration; *Agricultural Statistics*.

### No. 683.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY CLASS OF SERVICE: 1935 TO 1957

[Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately owned gas utilities and municipally owned gas departments in the United States, except those with annual revenues less than \$25,000, which in the aggregate account for only a negligible portion of the industry]

YEAR	CUSTOMERS (1,000) <sup>1</sup>					REVENUES (\$1,000) <sup>2</sup>				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
1935.....	15,819	14,725	1,014	72	8	726,809	503,111	90,815	130,453	2,430
1940.....	17,600	16,381	1,138	73	8	871,682	573,319	111,964	181,852	4,547
1945.....	19,977	18,607	1,278	80	12	1,152,807	705,211	148,597	280,908	18,091
1950.....	24,001	22,146	1,739	100	16	1,948,002	1,177,070	265,571	479,610	25,751
1951.....	24,953	23,042	1,787	101	23	2,228,109	1,334,967	294,435	557,068	41,639
1952.....	25,850	23,852	1,869	104	25	2,467,284	1,456,718	321,309	639,236	50,021
1953.....	26,705	24,647	1,926	107	25	2,718,624	1,574,428	338,914	739,202	66,080
1954.....	27,528	25,398	1,990	112	28	3,052,144	1,782,670	377,749	820,515	71,210
1955.....	28,479	26,283	2,048	121	27	3,452,200	2,007,450	424,090	937,591	83,069
1956.....	29,536	27,241	2,141	125	29	3,853,062	2,236,500	471,258	1,065,568	79,736
1957.....	30,476	28,101	2,211	132	32	4,136,415	2,378,938	505,678	1,149,955	101,844

<sup>1</sup> Yearly averages.

<sup>2</sup> Excludes revenues from sales for resale.

### No. 684.—GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY TYPE OF GAS: 1955 TO 1957

[See headnote, table 1]

TYPE OF GAS	CUSTOMERS (1,000) <sup>1</sup>			SALES (1,000,000 therms)			REVENUES (\$1,000) <sup>2</sup>		
	1955	1956	1957	1955	1956	1957	1955	1956	1957
All types.....	28,479	29,536	30,476	66,915	72,923	77,398	3,452,200	3,853,062	4,136,415
Natural gas.....	22,864	25,200	27,046	63,337	69,804	75,013	2,969,592	3,422,166	3,796,850
Manufactured gas.....	1,296	764	516	457	332	215	94,727	68,735	42,979
Mixed gas.....	4,078	3,353	2,730	3,039	2,710	2,105	368,192	343,337	280,465
Liquefied petroleum gas...	241	219	184	81	78	65	19,680	18,824	16,121

<sup>1</sup> Yearly averages.

<sup>2</sup> Excludes revenues from sales for resale.

### No. 685.—ESTIMATES OF NATURAL GAS RESERVES: 1945 TO 1957

[In millions of cubic feet. Volumes calculated at a pressure base of 14.65 p. s. i., absolute, and at a standard temperature of 60° F.]

YEAR	NATURAL GAS ADDED DURING YEAR			Net increase in underground storage	Net production during year	Estimated proved reserves as of end of year	Increase over previous year
	Total	Extensions and revisions	Discoveries of new fields and new pools in old fields				
1945.....	12,049,732					147,789,367	
1950.....		9,172,381	2,877,351	54,301	6,892,678	185,592,699	5,211,355
1951.....	16,052,991	13,013,606	3,039,385	132,751	7,966,941	193,811,500	8,218,801
1952.....	14,345,513	8,934,470	5,411,043	198,850	8,639,638	199,716,225	5,904,725
1953.....	20,453,016	13,371,355	7,081,661	1,516,431	9,238,540	211,447,132	11,730,907
1954.....	9,599,203	4,632,309	4,966,894	90,966	9,426,509	211,710,732	263,600
1955.....	22,017,194	16,298,125	5,719,069	87,637	10,118,118	223,697,445	11,986,713
1956.....	24,851,080	19,214,604	5,636,476	133,970	10,907,926	237,774,569	14,077,124
1957.....	20,117,312	11,118,319	8,998,993	179,733	11,502,359	246,569,255	8,794,686

<sup>1</sup> Includes all native gas in storage reservoirs formerly classified as a natural gas reserve.

Source of tables 683-685: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*..

NO. 686.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY TYPE OF GAS,  
CLASS OF SERVICE, AND STATES: 1956

[See headnote, table 683]

TYPE OF GAS AND STATE	CUSTOMERS (1,000) <sup>1</sup>					REVENUES (\$1,000) <sup>2</sup>				
	Total	Resi- dential	Com- mer- cial	Indus- trial	Other	Total	Resi- dential	Com- mer- cial	Indus- trial	Other
<b>United States, all types</b> .....	29,536.6	27,241.0	2,140.3	125.8	29.5	3,853,062	2,236,500	471,258	1,065,568	79,736
Natural gas.....	25,199.8	23,205.6	1,864.9	101.8	27.5	3,422,166	1,910,273	411,144	1,023,032	77,717
Manufactured gas.....	764.4	697.2	63.6	2.3	1.3	68,735	45,261	17,370	5,027	1,077
Mixed gas.....	3,353.4	3,140.3	190.9	21.5	0.7	343,337	267,478	37,950	37,053	856
Liquefied petroleum gas.....	219.0	197.9	20.9	0.2	(*)	18,824	13,488	4,794	456	86
<b>New England</b> .....	1,610.9	1,519.1	78.4	12.3	1.1	154,939	116,156	19,383	18,127	1,273
Connecticut.....	372.2	350.2	19.8	2.0	0.2	38,798	27,192	4,832	6,681	93
Maine.....	37.9	36.0	1.8	0.1	(*)	3,356	2,613	475	244	24
Massachusetts.....	985.6	929.5	46.6	8.8	0.7	94,855	73,031	11,543	9,308	973
New Hampshire.....	36.0	33.7	2.1	0.1	0.1	3,428	2,607	559	238	24
Rhode Island.....	158.2	149.7	7.1	1.3	0.1	13,097	9,641	1,726	1,672	158
Vermont.....	21.0	20.0	1.0	(*)	(*)	1,405	1,072	248	84	1
<b>Middle Atlantic</b> .....	7,286.9	6,757.5	492.8	28.5	8.1	789,223	546,890	104,280	131,012	7,041
New Jersey.....	1,387.2	1,276.0	105.6	5.6	(*)	131,864	98,472	19,951	12,709	232
New York.....	3,827.8	3,537.4	270.3	14.7	5.4	342,594	248,527	53,959	35,552	4,556
Pennsylvania.....	2,071.9	1,944.1	116.9	8.2	2.7	315,265	199,891	30,370	82,761	2,253
<b>East North Central</b> .....	6,556.1	6,114.2	410.1	24.5	7.3	956,778	604,090	107,256	239,619	5,820
Illinois.....	2,034.4	1,919.2	102.6	11.5	1.1	265,286	164,563	22,528	77,658	537
Indiana.....	699.6	648.7	47.6	1.9	1.4	92,071	52,011	10,490	28,907	663
Michigan.....	1,353.7	1,261.0	87.9	4.8	(*)	195,648	143,333	20,792	31,374	149
Ohio.....	1,981.2	1,828.3	143.9	4.2	4.8	348,489	205,227	46,790	93,035	3,347
Wisconsin.....	487.2	457.0	28.1	2.1	(*)	55,291	38,956	6,656	8,645	1,034
<b>West North Central</b> .....	2,369.7	2,165.1	191.7	12.2	0.7	396,799	221,771	51,058	110,678	13,292
Iowa.....	380.9	343.9	36.0	1.0	(*)	64,644	36,945	10,634	14,837	2,228
Kansas.....	494.7	446.1	45.8	2.6	0.2	82,480	35,511	8,915	32,522	5,532
Minnesota.....	421.5	392.7	26.7	2.1	(*)	80,188	50,554	8,458	20,366	810
Missouri.....	730.8	679.8	47.7	3.2	0.1	106,509	66,002	11,947	26,607	1,953
Nebraska.....	258.9	227.9	27.4	3.2	0.4	49,031	25,146	7,577	13,648	2,660
North Dakota.....	33.0	29.9	3.1	(*)	(*)	3,906	2,516	1,118	272	-----
South Dakota.....	49.9	44.8	5.0	0.1	(*)	10,041	5,097	2,409	2,426	109
<b>South Atlantic</b> .....	2,129.0	1,956.8	161.3	5.9	5.0	295,276	172,200	38,572	79,437	5,067
Delaware.....	57.6	53.8	3.8	(*)	(*)	5,670	4,330	699	635	6
District of Columbia.....	181.4	164.5	15.2	0.7	1.0	21,396	16,294	4,225	289	588
Florida.....	191.8	179.2	11.6	0.1	0.9	23,563	10,856	4,456	7,372	879
Georgia.....	413.6	377.5	33.4	2.6	0.1	64,449	31,490	7,445	24,879	635
Maryland.....	498.6	465.8	31.3	0.9	0.6	57,849	44,192	5,826	7,519	312
North Carolina.....	80.7	71.4	9.0	0.3	(*)	13,629	6,131	2,672	4,498	358
South Carolina.....	53.7	47.3	6.3	0.1	(*)	15,103	3,581	1,595	9,845	82
Virginia.....	315.1	291.6	21.9	0.7	0.9	44,234	28,903	5,595	8,592	1,144
West Virginia.....	336.5	305.7	28.8	0.5	1.5	49,383	26,423	6,059	15,838	1,063
<b>East South Central</b> .....	1,216.3	1,097.7	112.6	4.0	2.0	205,397	90,043	25,386	80,233	9,735
Alabama.....	361.5	334.4	26.0	1.0	0.1	63,412	27,621	5,584	29,480	727
Kentucky.....	361.8	328.3	32.0	0.5	1.0	51,406	29,389	6,598	14,216	1,203
Mississippi.....	230.9	205.0	24.2	1.5	0.2	37,295	13,272	4,103	18,769	1,151
Tennessee.....	262.1	230.0	30.4	1.0	0.7	53,284	19,761	9,101	17,768	6,654
<b>West South Central</b> .....	3,348.4	3,022.5	298.1	23.9	3.9	449,288	162,270	39,643	235,671	11,704
Arkansas.....	250.7	217.3	31.7	1.6	0.1	43,644	13,736	4,926	24,219	763
Louisiana.....	588.3	540.6	43.7	3.2	0.8	90,919	24,756	3,983	60,209	2,021
Oklahoma.....	552.7	495.2	52.9	3.3	1.3	61,060	31,550	8,300	19,677	1,843
Texas.....	1,956.7	1,769.4	169.8	15.8	1.7	253,665	92,428	22,484	131,676	7,777
<b>Mountain</b> .....	993.6	889.0	99.1	4.1	1.4	165,724	74,773	24,969	61,706	4,276
Arizona.....	228.0	205.0	21.6	1.2	0.2	34,945	12,476	3,747	18,379	343
Colorado.....	323.2	286.3	36.4	0.4	0.1	54,524	26,937	11,480	15,398	709
Idaho.....	1.6	1.4	0.2	(*)	-----	641	227	92	322	-----
Montana.....	97.1	86.7	10.0	0.4	(*)	15,979	8,061	3,394	4,093	431
Nevada.....	17.2	16.3	0.9	(*)	(*)	4,628	1,937	547	2,063	81
New Mexico.....	142.4	127.6	13.1	0.9	0.8	24,523	9,805	2,805	9,625	2,288
Utah.....	126.1	114.3	10.8	1.0	(*)	21,203	10,495	1,297	9,411	(*)
Wyoming.....	58.0	51.4	6.1	0.2	0.3	9,281	4,835	1,607	2,415	424
<b>Pacific</b> .....	4,025.7	3,719.1	296.2	10.4	(*)	439,361	248,307	60,711	109,085	21,523
California.....	3,567.1	3,582.9	274.5	9.7	(*)	417,922	235,779	54,359	105,258	21,526
Oregon.....	92.9	82.6	9.7	0.6	(*)	11,775	7,589	3,008	1,176	2
Washington.....	65.7	53.6	12.0	0.1	(*)	9,934	4,939	3,344	1,651	-----

<sup>1</sup> Averages for the year.<sup>2</sup> Excludes revenues from sales for resale.<sup>3</sup> Less than 50 customers.Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

# No. 687.—GAS UTILITY AND PIPELINE INDUSTRY—COMPOSITE BALANCE SHEET AND INCOME ACCOUNT: 1945 TO 1956

[In millions of dollars]

ITEM	1945	1950	1951	1952	1953	1954	1955	1956
<b>COMPOSITE BALANCE SHEET</b>								
<b>Assets and other debits, total</b> .....	<b>5,825</b>	<b>9,280</b>	<b>10,880</b>	<b>12,115</b>	<b>13,680</b>	<b>14,705</b>	<b>15,960</b>	<b>17,410</b>
Utility plant and adjustments.....	4,955	7,850	9,310	10,385	11,685	12,595	13,750	14,930
Investment and fund accounts.....	190	370	380	440	585	535	550	655
Current and accrued assets.....	615	995	1,100	1,180	1,265	1,420	1,615	1,655
Deferred debits <sup>1</sup> .....	65	65	90	110	145	155	145	170
<b>Liabilities and other credits, total</b> .....	<b>5,825</b>	<b>9,280</b>	<b>10,880</b>	<b>12,115</b>	<b>13,680</b>	<b>14,705</b>	<b>15,960</b>	<b>17,410</b>
Capital stock.....	1,780	2,485	2,770	3,070	3,405	3,725	4,060	4,300
Common.....	<sup>2</sup> 1,385	1,850	1,980	2,150	2,315	2,450	2,720	2,805
Preferred.....	395	520	580	695	715	805	885	965
Premiums, assessments, etc.....	( <sup>3</sup> )	115	210	225	375	470	455	530
Long-term debt.....	1,555	3,230	4,060	4,650	5,415	5,775	6,075	6,565
Bonds.....	<sup>4</sup> 1,320	2,280	2,840	3,320	3,895	4,325	4,440	4,865
Debentures.....	( <sup>4</sup> )	410	540	580	685	680	855	745
Other.....	235	540	680	750	835	770	780	955
Current and accrued liabilities.....	365	755	1,030	1,065	1,160	1,205	1,440	1,685
Deferred credits.....	35	30	40	60	80	100	85	85
Reserve for depreciation, retirement, depletion, etc.....	1,445	1,795	1,960	2,110	2,350	2,615	2,865	3,150
Other reserves.....	110	70	70	70	90	80	100	130
Contributions in aid of construction.....	20	30	30	35	40	45	50	55
Capital surplus.....	125	145	110	180	165	195	205	220
Earned surplus.....	390	740	810	875	975	965	1,080	1,220
<b>COMPOSITE INCOME ACCOUNT</b>								
Operating revenues.....	1,414	2,634	3,110	3,571	4,130	4,613	5,239	5,847
Operating revenue deductions.....	1,196	2,254	2,675	3,105	3,590	4,013	4,555	5,060
Operating expenses.....	832	1,733	2,015	2,366	2,772	3,120	3,505	3,902
Depreciation, retirements, depletion, etc.....	130	181	218	253	293	329	359	395
Federal taxes.....	234	183	269	291	312	347	435	478
Other taxes.....	157	173	195	213	217	217	256	285
Net operating revenues.....	218	380	435	466	540	600	684	787
Income from utility plant leased to others.....	( <sup>5</sup> )	1	2	2	3	2	2	2
Rent for lease of utility plant.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Utility operating income.....	218	381	437	468	543	602	686	789
Other income (nonoperating).....	16	35	29	34	30	48	51	57
<b>Gross income</b> .....	<b>234</b>	<b>416</b>	<b>466</b>	<b>502</b>	<b>573</b>	<b>650</b>	<b>737</b>	<b>846</b>
Income deductions.....	77	90	119	141	180	200	213	227
Interest on long-term debt.....	55	94	116	136	169	194	203	220
Other income deductions (net).....	22	<sup>6</sup> 4	3	5	11	6	10	7
<b>Net income</b> .....	<b>157</b>	<b>326</b>	<b>347</b>	<b>361</b>	<b>393</b>	<b>450</b>	<b>524</b>	<b>619</b>

<sup>1</sup> Includes capital stock discount and expense and reacquired securities.<sup>2</sup> Includes premiums, assessments, etc.<sup>3</sup> Included in capital stock, common.<sup>4</sup> Debentures included with bonds.<sup>5</sup> Less than \$500,000.<sup>6</sup> Reverse item.Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

# No. 688.—UTILITY GAS MAINS—MILEAGE, BY TYPE OF GAS AND BY TYPE OF MAIN: 1945 TO 1957

[As of December 31. Excludes service pipe. Data not adjusted to common diameter equivalent]

TYPE OF GAS AND MAIN	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>All types, total.....</b>	<b>310,670</b>	<b>387,470</b>	<b>406,630</b>	<b>424,180</b>	<b>445,190</b>	<b>469,300</b>	<b>495,510</b>	<b>523,960</b>	<b>548,820</b>
Field and gathering.....	27,000	32,850	34,580	38,320	41,360	43,680	45,530	47,370	50,020
Transmission.....	82,190	113,050	119,150	122,000	128,960	137,610	144,590	152,490	160,110
Distribution.....	201,480	241,570	252,900	263,860	274,870	288,010	305,390	324,100	338,690
<b>Natural gas.....</b>	<b>218,000</b>	<b>314,480</b>	<b>342,530</b>	<b>367,790</b>	<b>393,810</b>	<b>419,670</b>	<b>447,540</b>	<b>489,290</b>	<b>514,960</b>
Field and gathering.....	27,000	32,850	34,580	38,320	41,360	43,680	45,530	47,370	50,020
Transmission.....	77,280	109,360	115,240	118,160	125,330	134,000	141,110	149,850	157,540
Distribution.....	113,720	172,270	192,710	211,310	227,120	241,990	260,900	292,070	307,400
<b>Manufactured gas.....</b>	<b>72,000</b>	<b>55,420</b>	<b>36,480</b>	<b>27,320</b>	<b>16,520</b>	<b>14,240</b>	<b>11,960</b>	<b>6,760</b>	<b>6,350</b>
Transmission.....	3,410	2,230	1,440	1,190	820	650	420	170	180
Distribution.....	68,590	53,190	35,040	26,130	15,700	13,590	11,540	6,590	6,170
<b>Mixed gas.....</b>	<b>18,660</b>	<b>11,990</b>	<b>22,050</b>	<b>23,670</b>	<b>29,680</b>	<b>30,740</b>	<b>31,440</b>	<b>24,190</b>	<b>24,090</b>
Transmission.....	1,480	1,370	2,380	2,570	2,730	2,890	2,990	2,410	2,320
Distribution.....	17,180	10,620	19,670	21,100	26,950	27,850	28,450	21,780	21,770
<b>Liquefied petroleum gas.....</b>	<b>2,010</b>	<b>5,580</b>	<b>5,570</b>	<b>5,400</b>	<b>5,180</b>	<b>4,650</b>	<b>4,570</b>	<b>3,720</b>	<b>3,420</b>
Transmission.....	20	90	90	80	80	70	70	60	70
Distribution.....	1,990	5,490	5,480	5,320	5,100	4,580	4,500	3,660	3,350

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

# No. 689.—ATOMIC ENERGY PROGRAM—APPROPRIATIONS, INVESTMENTS, COSTS, AND EMPLOYMENT: 1950 TO 1957

[Money figures are in millions of dollars. For years ending June 30]

ITEM	1950	1952	1953	1954	1955	1956	1957
<b>Appropriations received.....</b>	<b>703</b>	<b>1,606</b>	<b>4,136</b>	<b>1,042</b>	<b>1,210</b>	<b>834</b>	<b>1,899</b>
Operations.....			809	886	1,099	1,146	1,741
Plant and equipment.....			3,327	156	111	1,312	158
<b>Plant investment, year end.....</b>	<b>2,104</b>	<b>3,497</b>	<b>4,579</b>	<b>5,705</b>	<b>6,487</b>	<b>6,713</b>	<b>6,908</b>
Completed plant.....	1,809	2,134	3,149	4,090	5,858	6,466	6,597
Production plants.....	1,251	1,327	2,118	2,958	4,654	5,250	5,434
Research facilities.....	184	339	548	616	699	716	752
Communities.....	262	288	298	300	299	299	267
Other.....	112	180	185	216	206	201	144
Construction in progress.....	295	1,363	1,430	1,615	629	247	311
<b>Cost of operations <sup>1</sup>.....</b>	<b>415</b>	<b>684</b>	<b>905</b>	<b>1,039</b>	<b>1,290</b>	<b>1,608</b>	<b>1,968</b>
Procurement and production of nuclear materials.....	169	278	400	552	782	1,010	1,190
Weapons development and fabrication.....	112	229	258	251	260	251	337
Development of nuclear reactors.....	31	65	105	100	120	170	276
Research in physical sciences.....	31	36	42	43	44	51	59
Research in life sciences.....	19	25	27	27	29	30	33
Community operations (net).....	20	16	15	12	10	9	9
Administrative expenses.....	23	32	36	35	34	38	39
Other.....	10	3	22	19	11	19	25
<b>Employment.....</b>	<b>63,739</b>	<b>149,371</b>	<b>148,799</b>	<b>141,949</b>	<b>112,555</b>	<b>110,143</b>	<b>119,368</b>
Federal Government.....	4,941	6,662	6,894	6,123	6,013	6,583	6,823
Contractor operating.....	39,095	58,101	71,775	73,312	82,936	90,238	98,176
Contractor construction and design.....	19,703	84,608	70,130	62,514	23,606	13,322	14,369

<sup>1</sup> Reflects transfer to operations of \$571 million appropriated in prior years for plant and equipment.

<sup>2</sup> Includes depreciation.

Source: Atomic Energy Commission; *Semiannual Report* and records.

## No. 690.—ATOMIC ENERGY PROGRAM—SUMMARY: 1950 TO 1957

[For years ending June 30, except as noted]

ITEM	1950	1952	1953	1954	1955	1956	1957
Operating contractors <sup>1</sup> .....	37	45	50	54	57	59	65
Construction and design contractors <sup>1</sup> .....	22	35	32	27	18	23	32
Educational and research institutions with AEC offsite contracts.....	100	157	172	171	187	192	203
Offsite research projects with educational and non- profit institutions.....	251	581	624	618	731	771	817
Nuclear reactors in U. S.: <sup>2</sup>							
Federally owned.....	13	20	26	31	37	43	53
Production reactors.....	5	6	7	10	13	13	13
Reactors for research.....	7	11	15	18	19	21	27
Experimental civilian power reactors.....	1	3	3	2	2	4	7
Military reactors.....			1	1	3	5	6
Nonfederally owned.....			1	1	2	4	17
Power reactors.....							1
Reactors for research.....			1	1	2	4	16
Licenses in effect: <sup>2</sup>							
Power reactors:							
Construction permits.....						4	4
Licenses to operate.....							1
Research reactors:							
Construction permits.....					4	2	10
Licenses to operate.....					2	6	19
Test reactors: Construction permits.....							1
Critical experiment facilities:							
Construction permits.....					2	4	4
Licenses to operate.....							6
Operators' licenses.....					3	27	148
Licenses to possess special nuclear materials.....					7	51	134
Licenses to possess source materials.....	<sup>3</sup> 647	<sup>3</sup> 712	( <sup>4</sup> )	<sup>3</sup> 1,087	<sup>3</sup> 1,763	<sup>3</sup> 1,523	1,150
Licenses to export reactors issued.....						1	15
Source material export licenses issued.....	( <sup>4</sup> )	939	( <sup>4</sup> )	641	715	740	800
Organizations with byproduct (radioisotope) licenses <sup>2</sup> .....	614	1,411	1,905	2,416	3,016	3,663	3,302
Medical institutions and physicians.....	206	445	651	870	1,173	1,533	1,593
Industrial concerns.....	206	583	793	1,020	1,266	1,493	1,221
Colleges and universities.....	123	178	198	212	227	248	229
Federal and State laboratories.....	49	157	201	237	258	282	269
Foundations and institutions.....	29	43	47	53	57	62	41
Other.....	1	5	15	24	35	45	34
Sales of radioisotopes.....\$1,000.....	222	593	856	1,173	1,295	2,198	2,660
Byproduct (radioisotope) shipments <sup>2</sup> .....	8,365	11,085	12,740	13,215	13,540	14,906	14,126
To domestic users.....	8,075	10,672	12,027	12,447	12,749	13,585	11,761
To foreign users.....	290	413	713	768	791	1,321	2,365
Access permits in effect.....					148	912	1,404
Agreements in effect for foreign cooperation <sup>2</sup> .....					22	32	39
Power and research agreements.....					3	4	10
Research agreements.....					19	28	29
Sales of heavy water.....tons.....							
Uranium statistics (U. S.):.....			1.0			90.3	78.4
Concentrate receipts.....tons of U <sub>3</sub> O <sub>8</sub> .....						10,491	16,178
From domestic sources.....do.....						4,235	7,002
From foreign sources.....do.....						6,256	9,176
Estimated uranium ore reserves <sup>2</sup> .....1,000 tons.....						60,000	78,000
Uranium ore milling rate <sup>2</sup> .....tons per day.....						8,960	10,700

<sup>1</sup> Represents those whose employment plus first-tier subcontractor employment totals 50 or more; operating contractors comprise those engaged in production, research and development, maintenance, and service; excludes supply contractors.

<sup>2</sup> As of December 31.

<sup>3</sup> Number of licenses issued.

<sup>4</sup> Not available.

<sup>5</sup> Beginning 1957, data include only parent organizations, which are issued single basic licenses. Subordinate organizations at various locations included for prior years.

Source: Atomic Energy Commission: *Semiannual Report*, and records.



## Section 20

### Roads and Motor Vehicles

This section presents statistics relating to the mileage, control, and financing of public roads and to motor-vehicle travel and usage. The Bureau of Public Roads of the Department of Commerce is the principal compiler of data concerning public roads and motor-vehicle registrations. Since 1945, it has published such data in its annual *Highway Statistics*. For statistics prior to 1945, the same Bureau's *Highway Statistics, Summary to 1945*, presents public roads data carried back over periods ranging from 20 to 50 years. The motor-vehicle registration figures which appear in *Highway Statistics* are compiled from reports and records of State highway departments.

The first road mileage survey was made in 1904. Data for 1904 and other road mileage surveys made in 1909, 1914, and 1921 appear in Department of Agriculture Bulletin 1279, *Rural Highway Mileage, Income, and Expenditures, 1921-22*.

Two useful handbooks of statistics in this field are issued annually by the Automobile Manufacturers Association of Detroit, Michigan. These are *Automobile Facts and Figures* and *Motor Truck Facts*. In addition, the Bureau of the Census compiles and publishes statistics on the motor vehicles and equipment industry which appear in the *Census of Manufactures* reports and in its *Annual Survey of Manufactures*. Data from these reports are also included in section 30, Manufactures, in this volume.

**Rural and other roads.**—The term "rural" as used here may be roughly defined as the area which lies outside of communities having 2,500 inhabitants or more. "Urban extensions" are continuations of designated State-system roads in or through cities or towns of 2,500 inhabitants or more. "County and other local roads" are rural roads over which the State exercises no direct control.

**Highway systems.**—The Federal-Aid Highway Act of 1916 provides for the sharing of highway construction costs between the States and the Federal Government with the initiative retained by each State for choosing projects and carrying them out. The planning and development of Federal-aid systems began in 1921. Federal funds share with State funds in costs of engineering, construction, and right-of-way acquisition on the designated systems while other charges, such as maintenance and policing, are borne entirely by the States and local agencies.

The Federal-aid primary system connects all of the principal cities, county seats, ports, manufacturing areas, and other traffic generating areas. In general, these are at the same time the main State trunkline roads. Certain sections of the primary system are more important than others from the viewpoint of national interest. Consequently, in 1944, the Congress authorized the creation of the national system of interstate highways, not to exceed 40,000 miles in length. In 1956 Congress extended the system to 41,000 miles and authorized for the first time a long-range program to complete the system. Federal funds of \$25 billion, providing 90 percent of the total estimated cost, are authorized for the fiscal years 1957 to 1969.

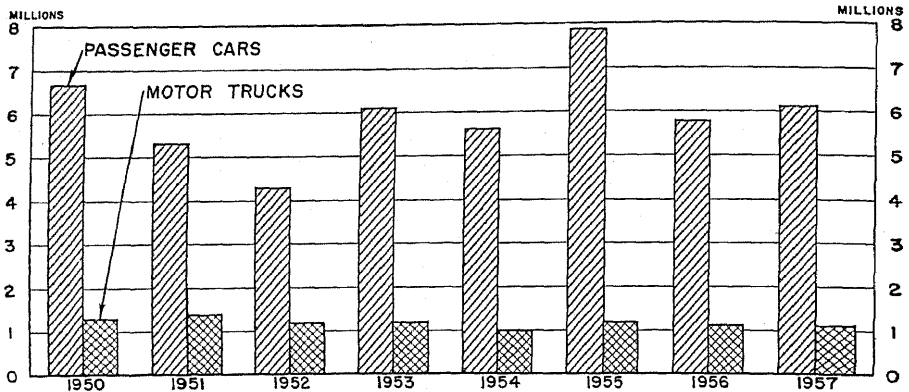
The Federal-Aid Highway Act of 1944 authorized the first specific funds for Federal-aid highways in urban areas, and established the Federal-aid secondary system, consisting of important feeder roads linking the farms, factories, distribution outlets, and smaller communities with the primary system.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series K 177-181") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

Note.—This section presents data for the most recent year or period available on May 1, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

FIG. XXXI.—MOTOR-VEHICLE FACTORY SALES: 1950 TO 1957

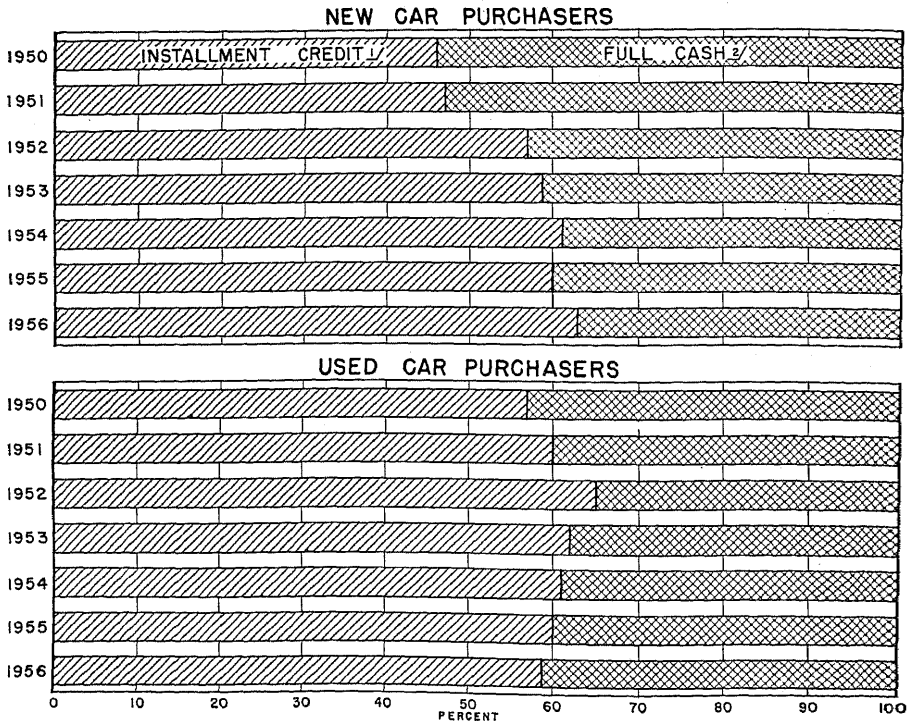
[See table 708]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Automobile Manufacturers Association.

FIG. XXXII.—PERCENT DISTRIBUTION OF PASSENGER CAR PURCHASERS, BY METHOD OF FINANCING OF PURCHASE: 1950 TO 1956

[See table 711]



<sup>1</sup> Includes other types of borrowing.

<sup>2</sup> Includes trade-in allowance.

Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Board of Governors of the Federal Reserve System.

## No. 691.—EXISTING MILEAGE OF RURAL ROADS: 1921 TO 1956

[In thousands of miles. As of December 31. Rural roads comprise roads outside incorporated areas and certain of the more populous unincorporated areas. See also *Historical Statistics, 1789-1945*, series K 177-181]

TYPE AND CONTROL	1921	1930	1940	1945	1950	1953	1954	1955	1956
All rural roads.....	2,925	3,009	2,990	3,012	2,990	3,012	3,030	3,045	3,051
Primary State highways.....	203	324	{ 329	339	363	377	379	387	389
Secondary State highways.....			{ 81	84	88	87	89	91	94
County roads under State control.....			{ 114	118	122	127	129	131	132
County and local roads <sup>1</sup> .....	2,722	2,685	2,466	2,471	2,417	2,421	2,433	2,436	2,436
Surfaced rural roads.....	387	694	1,340	1,495	1,679	1,855	1,906	1,942	1,985
Primary State highways.....	84	227	{ 302	316	351	369	372	381	384
Secondary State highways.....			{ 65	71	73	79	82	84	87
County roads under State control.....			{ 55	63	83	98	100	103	105
County and local roads <sup>1</sup> .....	303	467	918	1,045	1,172	1,309	1,352	1,374	1,408
Nonsurfaced rural roads <sup>2</sup> .....	2,538	2,315	1,650	1,517	1,311	1,157	1,124	1,103	1,066
Primary State highways.....	119	97	{ 27	23	12	8	7	6	5
Secondary State highways.....			{ 16	13	15	8	7	7	7
County roads under State control.....			{ 59	55	39	29	29	28	27
County and local roads <sup>1 2</sup> .....	2,419	2,218	1,548	1,426	1,245	1,112	1,081	1,062	1,027

<sup>1</sup> Includes mileage in national and State parks, forests, reservations, etc., not included as part of State or local systems.

<sup>2</sup> Includes mileage not classified by type of surface.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 692.—EXISTING RURAL AND MUNICIPAL MILEAGE, BY GOVERNMENTAL CONTROL: 1930 TO 1956

[In thousands. As of December 31]

GOVERNMENTAL CONTROL	1930	1940	1945	1950	1953	1954	1955	1956
Total mileage.....			3,319	3,313	3,366	3,395	3,418	3,430
Rural mileage.....	3,009	2,990	3,012	2,990	3,013	3,030	3,045	3,051
Under State control.....	324	524	544	581	601	607	619	628
Under local control.....	2,685	2,466	{ 2,398	2,336	2,322	2,331	2,333	2,330
Under Federal control.....			{ 70	73	90	92	93	94
Municipal mileage.....	(1)		307	323	354	365	373	378
Under State control.....	(1)	27	33	36	39	41	42	43
Under local control.....	(1)	(1)	274	287	315	324	331	335

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 693.—HIGHWAY CONSTRUCTION—CONTRACTS AWARDED, BY OWNERSHIP, SOURCE OF FUNDS, AND TYPE OF FACILITY: 1947 TO 1957

[In millions of dollars. Includes force-account work started on Federal and State projects]

OWNERSHIP, SOURCE OF FUNDS, AND TYPE OF FACILITY	1947	1950	1951	1952	1953	1954	1955	1956	1957
All construction.....	1,108	1,816	1,743	2,088	2,713	2,746	2,993	3,303	3,916
Federally owned.....	25	36	71	90	53	62	59	92	91
State owned.....	892	1,492	1,362	1,654	2,287	2,300	2,560	2,718	3,311
Federally aided projects:									
Total value.....	635	798	780	911	998	1,218	1,256	1,737	2,390
Federal funds.....	329	415	409	476	519	630	667	963	1,614
Independent State projects:									
Total value.....	257	694	582	743	1,289	1,082	1,304	981	921
Toll facilities.....	(1)	228	68	146	800	459	695	337	343
Locally owned <sup>2</sup> .....	191	289	310	344	373	384	374	493	514

<sup>1</sup> Not available.

<sup>2</sup> By municipalities and counties.

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

**No. 694.—EXISTING ROAD MILEAGE—MUNICIPAL MILEAGE, AND RURAL MILEAGE  
BY TYPE AND GOVERNMENTAL CONTROL, BY STATES: 1956**

[As of December 31. Rural roads comprise roads outside incorporated areas and certain of the more populous unincorporated areas. Compiled for latest available year from reports of State authorities and planning survey data]

STATE	Total rural and municipal	Municipal	RURAL					
			Total	Type		Governmental control		
				Surfaced	Nonsurfaced	State <sup>1</sup>	Local	Federal <sup>2</sup>
<b>United States.....</b>	<b>3,429,801</b>	<b>378,419</b>	<b>3,051,382</b>	<b>1,985,320</b>	<b>1,066,062</b>	<b>627,518</b>	<b>2,329,644</b>	<b>94,220</b>
Alabama.....	69,975	7,960	62,015	47,053	14,962	<sup>3</sup> 13,481	48,534	-----
Arizona.....	31,408	2,858	28,550	11,639	16,911	4,132	15,957	8,461
Arkansas.....	78,605	5,247	73,358	40,421	32,937	9,460	62,256	1,642
California.....	133,224	24,583	108,641	70,095	38,546	13,216	76,785	18,640
Colorado.....	76,129	4,755	71,374	29,493	41,881	7,699	62,497	1,178
Connecticut.....	15,840	5,067	10,773	10,515	258	2,650	8,123	-----
Delaware.....	4,503	650	3,853	3,226	627	<sup>3</sup> 3,853	-----	-----
Dist. of Columbia.....	1,249	1,249	-----	-----	-----	-----	-----	-----
Florida.....	60,928	13,973	46,955	24,203	22,752	11,984	33,845	1,126
Georgia.....	95,626	12,639	82,987	34,475	48,512	13,411	69,549	27
Idaho.....	42,210	2,291	39,919	22,430	17,489	4,511	27,346	8,062
Illinois.....	123,274	20,886	102,388	91,728	10,660	10,570	<sup>4</sup> 91,818	-----
Indiana.....	99,168	13,698	85,570	77,886	7,684	9,807	75,763	-----
Iowa.....	112,983	12,482	100,501	85,039	15,462	8,737	91,764	-----
Kansas.....	133,072	8,283	124,789	66,130	58,659	9,796	114,981	12
Kentucky.....	63,241	3,428	59,813	40,300	19,513	18,364	41,185	264
Louisiana.....	46,960	7,139	39,821	28,579	11,242	<sup>3</sup> 14,123	25,698	-----
Maine.....	20,706	1,747	18,959	16,070	2,889	<sup>3</sup> 10,792	8,080	37
Maryland.....	20,484	2,834	17,650	16,567	1,083	4,444	13,187	19
Massachusetts.....	25,311	9,403	15,908	14,357	1,551	1,823	14,085	-----
Michigan.....	108,754	15,115	93,639	72,601	21,038	8,313	85,326	-----
Minnesota.....	122,759	12,731	110,028	89,933	20,095	11,514	<sup>4</sup> 97,068	1,446
Mississippi.....	64,334	4,302	60,032	42,328	17,704	9,654	50,261	117
Missouri.....	110,261	11,603	98,658	84,172	14,486	24,655	73,456	547
Montana.....	74,461	1,566	72,895	23,058	49,837	10,199	55,193	7,503
Nebraska.....	102,520	5,530	96,990	46,128	50,862	8,901	87,830	259
Nevada.....	31,528	692	30,836	7,270	23,566	<sup>3</sup> 5,899	24,937	-----
New Hampshire.....	13,741	1,311	12,430	9,480	2,950	3,710	8,604	116
New Jersey.....	29,094	11,742	17,352	14,016	3,336	2,028	15,324	-----
New Mexico.....	63,882	2,369	61,513	12,103	49,410	11,035	45,856	4,622
New York.....	105,032	17,620	87,412	72,692	14,720	13,249	74,144	19
North Carolina.....	78,261	9,278	68,983	56,706	12,277	<sup>3</sup> 67,782	-----	1,201
North Dakota.....	114,594	2,456	112,138	39,324	72,814	6,262	105,314	562
Ohio.....	99,520	16,896	82,624	81,011	2,113	16,065	67,059	-----
Oklahoma.....	100,465	7,343	93,122	45,598	47,524	10,407	82,393	322
Oregon.....	62,082	5,044	57,038	34,658	22,380	7,985	30,341	18,712
Pennsylvania.....	106,405	15,584	90,821	65,042	25,779	41,901	48,703	217
Rhode Island.....	4,318	2,464	1,854	1,725	129	712	1,142	-----
South Carolina.....	54,128	4,694	49,434	25,165	24,269	23,295	26,139	-----
South Dakota.....	92,967	2,679	90,288	44,275	46,013	6,532	82,559	1,197
Tennessee.....	70,119	5,080	65,039	60,047	4,992	7,977	56,386	676
Texas.....	226,922	30,807	196,115	107,769	88,346	49,247	146,868	-----
Utah.....	31,425	3,669	27,755	13,623	14,133	4,901	16,787	6,068
Vermont.....	13,816	838	12,978	10,387	2,591	1,944	<sup>4</sup> 11,011	23
Virginia.....	55,523	5,501	50,022	47,674	2,348	<sup>3</sup> 48,309	610	1,103
Washington.....	57,546	6,628	50,918	38,722	12,196	6,154	37,787	6,977
West Virginia.....	36,085	2,985	33,100	20,128	12,972	<sup>3</sup> 30,904	1,684	512
Wisconsin.....	97,070	10,393	86,677	78,900	7,777	10,202	76,206	269
Wyoming.....	47,293	927	46,366	10,579	35,787	4,929	39,203	2,234

<sup>1</sup> Includes 11,973 miles of State park, forest, institutional, and other roads, rural and municipal, that are not part of State or local highway systems. Also includes 2,107 miles of toll roads.

<sup>2</sup> Comprises mileage of roads not forming a part of State or local highway systems.

<sup>3</sup> Includes mileage of county roads under State control in Alabama (6 counties), Delaware, Nevada (367 miles), North Carolina, Virginia (all but 2 counties), and West Virginia; 6,781 miles designated as farm-to-market system in Louisiana; and the State-aid system in Maine.

<sup>4</sup> Includes mileage of local roads designated as State aid in Illinois, 18,299 miles; Minnesota, 16,208 miles; and Vermont, 2,504 miles.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics, 1956*.

## No. 695.—MILEAGE AND COST OF FEDERAL-AID HIGHWAY SYSTEMS: 1917 TO 1956

[Includes Hawaii and Puerto Rico. See also *Historical Statistics, 1789-1945*, series K 189-191b]

YEAR	MILES OF HIGHWAY		COST (\$1,000) <sup>1</sup>		
	Total existent <sup>1</sup>	Completed during year <sup>2</sup>	Total	Federal funds	State funds
1917-1921.....	-----	12, 919	221, 740	95, 054	126, 686
1925.....	178, 797	11, 001	220, 921	100, 030	120, 891
1930.....	193, 049	10, 339	236, 520	99, 839	136, 681
1935.....	214, 000	12, 811	242, 420	218, 112	24, 307
1940.....	234, 112	11, 549	265, 216	149, 724	119, 492
1945.....	232, 772	3, 035	101, 037	76, 485	24, 552
1950.....	640, 753	19, 876	753, 199	389, 578	363, 621
1951.....	651, 826	17, 060	771, 708	389, 564	382, 144
1952.....	673, 137	22, 147	977, 548	505, 444	472, 104
1953.....	694, 677	21, 136	1, 077, 733	553, 913	518, 820
1954.....	717, 379	20, 548	1, 146, 419	591, 202	555, 217
1955.....	741, 824	22, 571	1, 287, 364	665, 913	621, 451
1956.....	777, 514	23, 609	1, 444, 058	756, 926	687, 132

<sup>1</sup> Total existing mileage of Federal-aid primary system through 1945; beginning 1950 includes secondary system. Data as of June 30 through 1955, as of December 31 beginning 1956.

<sup>2</sup> Comprises construction and reconstruction mileage.

<sup>3</sup> Represents actual expenditures of funds on calendar-year basis. Beginning 1935, includes money spent on public works and defense highways. Beginning 1940, includes secondary highways.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*, and *Annual Report, 1957*.

## No. 696.—MILEAGE OF FEDERAL-AID HIGHWAY SYSTEMS, BY STATES AND OTHER AREAS: 1956

[In miles. As of December 31. See text, p. 543]

STATE OR OTHER AREA	PRIMARY HIGHWAY SYSTEM		Secondary highway system	STATE OR OTHER AREA	PRIMARY HIGHWAY SYSTEM		Secondary highway system
	Total miles	National system of interstate highways <sup>1</sup>			Total miles	National system of interstate highways <sup>1</sup>	
<b>Total.....</b>	<b>249, 136</b>	<b>39, 990</b>	<b>528, 378</b>	Nebraska.....	5, 668	503	13, 100
Alabama.....	6, 185	947	16, 971	Nevada.....	2, 196	540	2, 486
Arizona.....	2, 633	1, 187	3, 777	New Hampshire.....	1, 206	214	1, 590
Arkansas.....	3, 923	547	13, 745	New Jersey.....	2, 024	354	1, 980
California.....	7, 206	2, 159	10, 233	New Mexico.....	4, 026	1, 013	5, 236
Colorado.....	4, 270	678	3, 850	New York.....	10, 795	1, 232	19, 311
Connecticut.....	1, 267	278	1, 163	North Carolina.....	6, 887	714	24, 112
Delaware.....	568	42	1, 419	North Dakota.....	3, 525	517	13, 531
District of Columbia.....	140	28	78	Ohio.....	7, 775	1, 353	16, 905
Florida.....	5, 433	1, 173	10, 726	Oklahoma.....	8, 030	835	11, 747
Georgia.....	8, 438	1, 171	13, 005	Oregon.....	4, 062	757	5, 463
Idaho.....	3, 009	659	4, 620	Pennsylvania.....	7, 513	1, 478	13, 220
Illinois.....	10, 564	1, 662	10, 868	Rhode Island.....	460	68	354
Indiana.....	5, 467	1, 112	15, 837	South Carolina.....	4, 765	769	13, 395
Iowa.....	10, 128	736	33, 137	South Dakota.....	4, 821	531	12, 883
Kansas.....	7, 950	771	22, 782	Tennessee.....	5, 416	1, 093	9, 735
Kentucky.....	4, 472	668	15, 216	Texas.....	17, 131	2, 912	27, 555
Louisiana.....	3, 223	657	7, 730	Utah.....	2, 235	716	3, 359
Maine.....	1, 934	313	2, 299	Vermont.....	1, 531	344	1, 804
Maryland.....	2, 359	355	5, 973	Virginia.....	4, 691	1, 008	13, 034
Massachusetts.....	2, 138	415	2, 208	Washington.....	3, 606	632	9, 643
Michigan.....	6, 929	1, 098	21, 732	West Virginia.....	2, 596	226	10, 671
Minnesota.....	8, 876	935	19, 317	Wisconsin.....	6, 365	482	18, 624
Mississippi.....	5, 163	691	9, 457	Wyoming.....	3, 637	1, 019	2, 124
Missouri.....	8, 811	1, 159	19, 365	Hawaii.....	532	-----	602
Montana.....	5, 926	1, 239	4, 467	Puerto Rico.....	550	-----	1, 085

<sup>1</sup> Present traveled way.

Source: Department of Commerce, Bureau of Public Roads; *Annual Report, 1957*.

## No. 697.—FEDERAL-AID HIGHWAY PROJECTS, BY STATES AND OTHER AREAS: 1957

[Money figures in thousands of dollars. As of June 30. Comprises projects financed from Federal-aid primary, secondary, urban, and interstate; prewar Federal-aid primary, secondary, and grade-crossing; Defense Highway Act; and 1950 access funds]

STATE OR OTHER AREA	COMPLETED DURING FISCAL YEAR			UNDER CONSTRUCTION			PLANS APPROVED—NOT UNDER CONSTRUCTION			Federal-aid funds available for future projects
	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	
<b>Total</b> .....	1,526,103	809,860	22,844	3,521,170	2,154,308	24,141	842,128	573,096	3,826	1,182,622
<b>Cont. U. S.</b> .....	1,510,120	802,464	22,807	3,497,013	2,141,910	23,968	893,315	570,519	3,471	1,165,491
<b>N. E.</b> .....	57,742	30,310	267	170,887	102,782	378	74,714	49,093	60	103,794
Maine.....	11,057	5,875	84	18,066	10,085	119	2,920	1,560	16	23,818
N. H.....	7,308	3,847	41	20,577	12,377	83	1,503	1,151	2	5,280
N. J.....	8,036	4,177	78	20,122	13,522	68	235	115	(1)	10,627
Mass.....	16,459	9,007	27	64,655	35,208	55	39,794	26,830	23	26,648
R. I.....	5,265	2,632	16	33,208	22,721	27	3,884	3,496	(1)	4,344
Conn.....	9,619	5,071	20	13,358	8,869	27	26,368	15,940	18	33,091
<b>M. A.</b> .....	205,721	99,337	501	689,896	414,533	980	161,264	103,017	189	130,100
N. Y.....	113,933	53,093	223	438,132	257,205	555	61,203	33,145	114	68,009
N. J.....	25,808	12,145	43	40,200	32,300	40	37,494	26,767	22	43,499
Pa.....	65,981	34,099	234	202,563	125,028	385	62,567	43,104	53	18,592
<b>E. N. C.</b> .....	268,519	142,311	2,438	534,308	350,653	2,237	163,280	110,449	354	204,603
Ohio.....	53,624	30,234	124	162,362	105,986	244	43,579	31,082	41	23,957
Ind.....	42,446	22,925	251	44,269	28,010	169	15,902	8,344	96	84,007
Ill.....	66,719	35,080	579	150,410	102,386	883	59,991	47,475	76	26,378
Mich.....	58,082	20,269	875	112,433	75,942	474	35,676	19,334	81	17,818
Wis.....	47,648	24,803	609	64,833	38,329	467	8,131	4,213	61	52,444
<b>W. N. C.</b> .....	244,886	132,128	8,198	402,238	253,023	8,400	86,023	58,648	1,107	111,005
Minn.....	44,395	23,015	1,743	86,795	59,391	1,425	15,492	11,341	88	15,086
Iowa.....	31,799	17,124	989	67,095	43,097	1,452	11,830	7,142	183	3,582
Mo.....	56,761	31,330	1,373	118,475	72,646	1,374	17,267	13,683	22	27,130
N. Dak.....	16,742	8,827	1,249	26,998	15,895	1,114	10,747	7,882	269	13,454
S. Dak.....	24,423	13,943	932	27,088	18,105	806	4,799	2,683	154	8,032
Nebr.....	32,048	17,251	770	36,599	20,786	1,045	10,732	6,968	115	36,788
Kans.....	38,717	20,638	1,132	39,188	23,103	1,185	15,157	9,448	288	5,734
<b>S. A.</b> .....	172,711	89,006	2,487	405,756	236,529	3,364	93,523	60,500	441	207,953
Del.....	4,417	2,213	56	14,331	7,955	52	3,921	2,198	28	16,652
Md.....	13,870	7,353	162	62,351	41,303	204	16,384	11,638	18	3,435
Dist. of Col.....	2,056	979	2	11,447	8,624	1	10,840	7,925	5	14,791
Va.....	31,462	15,598	461	43,076	24,228	306	16,784	9,478	137	25,727
W. Va.....	9,101	4,586	42	31,375	16,177	96	4,018	2,049	11	18,527
N. C.....	39,371	20,800	555	77,990	43,987	864	12,102	7,962	134	44,168
S. C.....	10,856	5,774	260	37,802	21,976	771	2,704	2,099	20	18,356
Ga.....	23,996	11,957	580	89,329	50,583	834	8,186	4,399	50	41,552
Fla.....	37,581	19,744	361	38,045	21,696	236	18,584	12,752	38	24,745
<b>E. S. C.</b> .....	108,419	54,913	2,589	252,150	152,522	2,715	45,739	31,988	249	84,794
Ky.....	32,803	17,028	623	50,670	33,647	317	4,563	2,944	12	46,586
Tenn.....	27,690	13,377	602	82,872	46,791	628	6,967	3,484	6	13,877
Ala.....	25,487	13,215	610	77,858	48,140	955	10,131	5,844	109	18,435
Miss.....	22,439	11,293	753	40,745	23,944	815	24,078	19,716	122	6,396
<b>W. S. C.</b> .....	183,520	96,026	3,186	310,628	187,818	3,019	105,101	72,118	507	152,304
Ark.....	17,114	8,816	486	33,635	19,141	464	14,149	8,514	125	17,866
La.....	17,453	9,506	188	50,176	26,601	323	13,910	8,828	73	26,115
Okla.....	44,772	23,016	607	49,280	28,804	521	24,891	16,710	159	21,941
Tex.....	104,182	54,689	1,905	177,528	113,182	1,711	52,150	38,066	170	80,382
<b>Mt.</b> .....	130,764	85,698	2,239	231,667	175,474	2,000	58,400	45,550	444	125,754
Mont.....	21,878	13,367	516	47,412	33,940	390	6,211	3,698	93	35,351
Idaho.....	13,025	8,295	216	16,873	11,360	200	4,986	4,218	33	20,007
Wyo.....	12,243	8,083	285	39,359	30,582	402	7,514	5,969	55	2,089
Colo.....	23,453	12,439	271	40,268	27,360	278	13,390	9,649	73	19,706
N. Mex.....	22,679	15,014	346	33,367	27,479	181	8,536	6,800	77	7,947
Ariz.....	12,104	9,076	165	20,439	16,834	113	9,958	8,502	76	1,396
Utah.....	13,467	9,642	164	15,709	12,489	191	2,673	1,991	14	15,132
Nev.....	11,855	9,782	277	18,240	15,430	245	5,132	4,723	23	24,126
<b>Pac.</b> .....	137,837	72,735	903	499,484	268,576	875	51,270	39,158	120	45,184
Wash.....	23,339	12,128	335	50,577	33,320	303	4,796	3,846	48	24,513
Oreg.....	17,672	10,960	239	44,280	31,922	282	4,266	3,516	19	18,003
Calif.....	96,825	49,647	330	404,617	203,334	290	42,208	31,795	52	2,668
Alaska.....	45	41	-----	2,136	1,953	109	2,813	2,577	355	479
Hawaii.....	5,843	2,890	11	3,850	1,830	9	-----	-----	-----	5,116
P. R.....	10,095	4,466	26	18,171	8,614	56	-----	-----	-----	11,536

<sup>1</sup> Less than one-half mile.

Source: Department of Commerce, Bureau of Public Roads; *Annual Report, 1957*.

# RECEIPTS AND DISBURSEMENTS

549

## No. 698.—HIGHWAY AND STREET RECEIPTS AND DISBURSEMENTS: 1930 TO 1956

[In millions of dollars. Federal and State data are for calendar years; local data for varying fiscal years]

SOURCE AND PURPOSE	1930	1935	1940	1945	1950	1954	1955	1956 (prel.)
SOURCE OF RECEIPTS								
Total receipts.....	2,486	2,025	2,634	1,918	4,558	8,176	7,231	8,083
Federal funds.....	112	520	773	83	471	675	784	890
Highway-user imposts.....	(1)	(1)	(1)	1,008	2,295	3,292	3,635	3,964
Toll receipts.....	(1)	(1)	(1)	59	115	224	268	310
Property taxes and general revenues.....	(1)	(1)	(1)	584	920	1,191	1,252	1,300
Miscellaneous.....	(1)	(1)	(1)	45	106	135	190	201
Bond issue proceeds.....	(1)	(1)	(1)	49	651	2,659	1,102	1,418
Federal Government funds.....	112	520	773	83	471	675	784	890
Expended under Bureau of Public Roads.....	94	213	169	68	435	615	725	824
Other Federal funds.....	18	307	604	15	36	60	59	66
State governments.....	1,059	905	1,234	1,199	2,810	5,800	4,584	5,375
Highway-user imposts.....	810	761	1,076	1,086	2,270	3,238	3,578	3,905
Toll receipts.....	12	17	31	40	72	167	209	245
Property taxes and general revenues.....	43	8	7	48	44	54	84	83
Miscellaneous.....	14	8	11	14	24	24	67	75
Bonds issue proceeds <sup>2</sup> .....	180	111	109	11	400	2,317	646	1,067
Counties and other local rural units.....	528	265	280	289	550	677	747	765
Highway-user imposts.....	(1)	1	---	1	2	4	4	4
Toll receipts.....	(1)	---	3	5	12	14	14	16
Property taxes and general revenues.....	(1)	253	267	253	416	526	527	550
Miscellaneous.....	(1)	11	10	12	30	39	43	42
Bond issue proceeds <sup>2</sup> .....	(1)	---	---	18	90	94	159	153
Urban places.....	787	335	347	347	727	1,027	1,116	1,053
Highway-user imposts.....	(1)	(1)	(1)	11	23	50	53	55
Toll receipts.....	(1)	(1)	(1)	14	31	43	45	49
Property taxes and general revenues.....	(1)	(1)	(1)	283	460	611	641	667
Miscellaneous.....	(1)	(1)	(1)	19	52	72	80	84
Bond issue proceeds <sup>2</sup> .....	(1)	(1)	(1)	20	161	251	297	198
PURPOSE OF DISBURSEMENT								
Total disbursements.....	2,583	1,841	2,496	1,677	4,444	6,911	7,316	8,125
Capital outlay.....	1,621	941	1,457	768	2,288	4,066	4,323	4,941
Maintenance.....	675	534	612	395	1,417	1,796	1,872	1,970
Administration.....	109	84	95	97	211	302	306	335
Highway police.....	4	12	27	28	78	122	132	147
Interest.....	227	213	190	131	129	225	271	309
Obligations retired.....	47	57	115	268	321	400	412	423
Federal expenditures not classified by system <sup>3</sup> .....	17	64	30	14	46	55	78	88
State highways <sup>4</sup> .....	1,066	821	1,134	753	2,452	4,251	4,495	5,166
Capital outlay.....	729	450	636	214	1,553	2,995	3,145	3,692
Maintenance.....	194	189	224	290	505	654	681	735
Administration <sup>5</sup> .....	39	37	54	58	111	165	168	180
Highway police.....	4	12	27	28	78	122	132	147
Interest.....	53	76	78	57	60	148	188	224
Obligations retired <sup>6</sup> .....	47	57	115	106	143	167	191	188
County and local rural roads.....	701	495	765	522	1,048	1,389	1,462	1,529
Capital outlay.....	297	204	447	82	331	540	580	628
Maintenance.....	284	199	249	311	562	683	705	721
Administration <sup>5</sup> .....	37	23	18	20	46	61	66	66
Interest.....	83	69	51	35	27	28	31	30
Obligations retired <sup>6</sup> .....	---	---	---	74	82	77	80	84
Urban streets.....	799	461	567	388	898	1,216	1,281	1,342
Capital outlay.....	478	223	344	58	356	476	520	533
Maintenance.....	197	146	139	194	350	459	456	514
Administration <sup>5</sup> .....	33	24	23	19	54	76	82	80
Interest.....	91	68	61	39	42	49	52	55
Obligations retired <sup>6</sup> .....	---	---	---	78	96	156	141	151

<sup>1</sup> Not available separately. <sup>2</sup> Excludes refunding issues.

<sup>3</sup> Comprises funds of other agencies expended directly by Public Roads as well as funds expended by those agencies. Expenditures were principally for capital outlay and are included as such in totals.

<sup>4</sup> Includes expenditures by States on transcity connections of State highways.

<sup>5</sup> Includes engineering and equipment costs not charged to capital outlay and maintenance, and miscellaneous expenditures.

<sup>6</sup> Excludes redemptions by refunding.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

# **No. 699.—PUBLIC HIGHWAY DEBT—LONG-TERM HIGHWAY OBLIGATIONS OF STATE AND LOCAL GOVERNMENTS ISSUED, REDEEMED, AND OUTSTANDING: 1945 TO 1957**

[In millions of dollars. State data are for calendar year; local data are for varying fiscal years. Excludes duplicated and interunit obligation except as noted]

ITEM	1945 <sup>1</sup>	1950	1951	1952	1953	1954	1955	1956 (prel.)	1957 <sup>2</sup>
<b>Total debt issued <sup>3</sup></b> .....	<b>49</b>	<b>651</b>	<b>790</b>	<b>1,102</b>	<b>1,336</b>	<b>2,659</b>	<b>1,102</b>	<b>1,418</b>	<b>1,083</b>
State obligations.....	11	400	535	797	1,038	2,317	646	1,067	700
County and local rural obligations.....	22	90	79	100	106	94	159	153	134
Urban obligations.....	20	161	176	205	192	248	297	198	249
<b>Total debt redeemed <sup>4</sup></b> .....	<b>253</b>	<b>321</b>	<b>349</b>	<b>339</b>	<b>334</b>	<b>401</b>	<b>412</b>	<b>423</b>	<b>462</b>
State obligations.....	115	143	156	157	139	168	191	188	216
County and local rural obligations.....	87	82	82	78	76	77	80	84	86
Urban obligations.....	78	96	111	104	119	166	141	151	160
<b>Total debt outstanding</b> .....	<b>3,640</b>	<b>4,436</b>	<b>4,883</b>	<b>5,645</b>	<b>6,642</b>	<b>8,929</b>	<b>9,619</b>	<b>10,614</b>	<b>11,235</b>
State obligations.....	1,638	2,096	2,476	3,116	4,015	6,164	6,619	7,498	7,982
County and local rural obligations.....	869	872	868	893	914	934	1,013	1,082	1,130
Urban obligations.....	1,218	1,468	1,539	1,636	1,713	1,831	1,987	2,034	2,123

<sup>1</sup> Duplicated and interunit obligations have been excluded from totals only.

<sup>2</sup> Estimated.

<sup>3</sup> Excludes refunding issues.

<sup>4</sup> Excludes redemptions by refunding.

Source: Department of Commerce, Bureau of Public Roads; releases.

# **No. 700.—STATE-HIGHWAY SYSTEMS—EXISTING MILEAGE, MILEAGE BUILT, FUNDS AVAILABLE, AND DISBURSEMENTS: 1940 TO 1956**

[Figures cover continental U. S. and refer to calendar years for most States. See also *Historical Statistics, 1789-1945*, series K 184-188, for data on total mileage built by State highway departments]

ITEM	1940	1945	1950	1954	1955	1956
<b>Total mileage at end of year</b> .....	<b>551,766</b>	<b>573,234</b>	<b>608,468</b>	<b>647,663</b>	<b>661,519</b>	<b>670,511</b>
Primary rural State-highway systems.....	329,472	338,310	363,213	379,063	386,611	389,336
Nonsurfaced roads.....	26,991	22,873	12,007	6,908	6,303	5,517
Surfaced roads.....	302,481	315,437	351,206	372,155	380,308	383,819
Low type <sup>1</sup> .....	180,091	182,786	168,554	168,764	169,458	166,335
High type <sup>1</sup> .....	122,390	132,651	182,652	203,391	210,850	217,484
Secondary rural roads.....	195,245	202,356	209,339	218,022	222,729	226,209
Municipal extensions of State-highway systems <sup>2</sup> .....	27,049	32,568	35,916	40,871	41,912	42,993
Other State roads <sup>3</sup> .....				9,707	10,267	11,973
<b>Total mileage built during year by State-highway departments</b> .....	<b>32,594</b>	<b>15,278</b>	<b>55,487</b>	<b>55,488</b>	<b>53,559</b>	<b>57,454</b>
Graded and drained.....	2,207	283	3,364	2,448	1,545	1,310
Surfaced.....	30,387	14,995	52,123	53,040	52,014	56,144
State controlled.....	29,695	14,827	44,265	42,053	41,120	44,016
Graded and drained.....	1,423	250	1,784	866	694	486
High-type surface <sup>1</sup> .....	5,223	3,971	13,379	19,730	17,672	20,726
Low-type surface <sup>1</sup> .....	23,049	10,606	29,102	21,457	22,754	22,804
State-highway funds available <sup>4</sup> .....mil. dol.	2,038	2,243	5,068	9,429	9,547	10,299
Disbursements of State-highway funds <sup>4</sup> .....do....	1,678	1,299	3,562	5,720	6,034	6,866

<sup>1</sup> Through 1945, low type was distinguished from high type by quality of surfacing material used; for 1950 also by rigidity of base; and beginning 1954, combined thickness of surface and base was an added consideration.

<sup>2</sup> Includes connecting streets not under State control. Beginning 1950, excludes streets of this type in Kentucky, Maryland, Mississippi, and District of Columbia. May include the municipal portion of a State route entering a city or town.

<sup>3</sup> Mileage of State park, forest, institutional, toll, and other roads under State control.

<sup>4</sup> Includes funds transferred to or from local units and proceeds of highway-user imposts allotted by the State treasurer for county and other local roads and streets, and nonhighway purposes. See also tables 701 and 702.

<sup>5</sup> Includes accumulated reserves.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.



## No. 701.—DISBURSEMENTS OF STATE HIGHWAY FUNDS, BY STATES: 1921 TO 1956

[In millions of dollars. Comprises disbursements, whether from current revenues or proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Includes transactions by State toll authorities. Beginning 1940 covers calendar years; figures for earlier years for many States represent fiscal years]

STATE	Year in which first State-aid law passed	1921	1930	1940	1945	1950	1954	1955	1956
<b>United States</b> .....		444	1,331	1,678	1,299	3,562	5,729	6,034	6,896
<b>New England</b> .....		27	80	99	64	198	339	425	574
Maine.....	1901	7	18	14	10	24	58	65	50
New Hampshire.....	1903	2	10	8	7	14	25	30	32
Vermont.....	1898	1	9	8	4	10	16	17	20
Massachusetts.....	1892	8	24	38	21	98	163	203	267
Rhode Island.....	1902	2	4	8	6	14	19	30	25
Connecticut.....	1895	6	16	23	15	38	56	79	180
<b>Middle Atlantic</b> .....		105	262	385	231	771	1,288	1,125	1,109
New York.....	1898	39	109	199	113	304	636	471	464
New Jersey.....	1891	16	49	58	44	188	302	303	245
Pennsylvania.....	1903	50	104	128	74	279	350	350	400
<b>E. N. Central</b> .....		77	223	313	242	503	1,042	1,170	1,309
Ohio.....	1904	19	68	93	76	147	381	383	369
Indiana.....	1917	8	27	40	35	69	124	200	223
Illinois.....	1905	16	53	71	53	113	227	229	270
Michigan.....	1905	20	48	67	50	106	219	249	309
Wisconsin.....	1911	14	27	41	28	68	92	109	139
<b>W. N. Central</b> .....		50	187	149	109	325	447	546	662
Minnesota.....	1905	7	39	31	23	66	87	101	113
Iowa.....	1904	19	57	33	23	79	94	109	137
Missouri.....	1907	5	44	28	21	53	92	105	115
North Dakota.....	1909	2	6	7	6	22	24	28	31
South Dakota.....	1911	5	8	9	6	20	33	34	42
Nebraska.....	1911	6	16	20	16	36	48	59	61
Kansas.....	1911	7	17	21	16	50	69	110	163
<b>South Atlantic</b> .....		53	164	233	194	603	846	823	971
Delaware.....	1903	4	8	4	3	32	26	26	33
Maryland.....	1898	8	20	27	19	84	149	138	159
Dist. of Col.....	1938	(1)	2	7	4	11	21	24	25
Virginia.....	1906	7	23	28	29	76	117	112	147
West Virginia.....	1909	2	24	26	27	51	112	64	66
North Carolina.....	1901	15	26	40	29	136	131	141	150
South Carolina.....	1917	4	23	23	22	46	59	57	62
Georgia.....	1908	10	17	39	24	74	88	109	115
Florida.....	1915	2	20	39	36	93	143	152	213
<b>E. S. Central</b> .....		18	107	118	100	237	343	371	399
Kentucky.....	1912	6	20	26	20	67	84	102	95
Tennessee.....	1915	7	56	34	32	79	99	108	114
Alabama.....	1911	1	20	28	26	49	87	87	112
Mississippi.....	1915	4	11	31	23	42	72	75	77
<b>W. S. Central</b> .....		40	162	151	128	367	476	565	705
Arkansas.....	1913	8	40	18	15	46	53	55	64
Louisiana.....	1910	5	30	30	22	71	90	115	146
Oklahoma.....	1911	7	27	24	24	73	87	113	148
Texas.....	1917	19	65	80	67	178	246	282	348
<b>Mountain</b> .....		30	56	74	50	163	243	244	306
Montana.....	1913	4	8	12	7	22	36	30	42
Idaho.....	1905	5	8	8	6	19	33	27	31
Wyoming.....	1911	4	4	6	3	14	20	22	26
Colorado.....	1909	5	11	15	12	38	51	56	70
New Mexico.....	1909	4	10	13	8	26	37	39	46
Arizona.....	1909	3	6	9	6	20	31	33	43
Utah.....	1909	3	5	6	6	15	21	23	28
Nevada.....	1911	2	3	4	2	9	13	15	20
<b>Pacific</b> .....		44	90	157	181	396	697	764	862
Washington.....	1905	10	16	40	29	78	116	127	135
Oregon.....	1913	19	19	18	14	50	85	79	83
California.....	1895	15	56	99	138	268	497	558	644

<sup>1</sup> Less than \$500,000.

# No. 702.—STATE HIGHWAY FUNDS AVAILABLE, BY SOURCE AND DISBURSEMENTS, BY PURPOSE, BY STATES: 1956

[In millions of dollars. Comprises receipts and disbursements of all State imposts on highway users, all other funds available to State highway departments, and State funds other than those of highway department which were reported as being applied to highway purposes. Includes transactions of interstate and intrastate toll authorities that are operated by State or quasi-State agencies. See also *Historical Statistics, 1789-1945*, series K 193-203]

STATE	FUNDS AVAILABLE					DISBURSEMENTS				
	Total	Motor-vehicle fees, motor-fuel and motor-carrier taxes	Federal funds	Income from issue of bonds, notes, etc.	All other sources <sup>1</sup>	Total <sup>2</sup>	For State-administered highways <sup>3</sup>	For county and local roads and streets <sup>4</sup>		
United States..	10,299	4,395	776	1,065	4,064	6,896	3,662	756	748	1,236
New England.....	842	213	23	260	340	574	374	64	77	44
Maine.....	72	29	6	5	31	50	26	13	8	3
New Hampshire.....	30	16	2	13	1	32	18	7	5	2
Vermont.....	21	12	3	6	1	20	8	4	1	5
Massachusetts.....	431	83	8	137	203	267	177	20	45	20
Rhode Island.....	24	16	5	—	4	25	13	3	3	( <sup>5</sup> )
Connecticut.....	265	57	4	101	104	180	132	17	14	13
Middle Atlantic.....	2,136	655	94	126	1,261	1,109	604	135	178	110
New York.....	1,014	262	52	101	599	464	278	60	67	44
New Jersey.....	455	140	10	25	280	245	99	22	43	20
Pennsylvania.....	667	253	31	—	382	400	227	52	68	46
E. N. Central.....	2,144	863	125	548	608	1,309	649	105	124	390
Ohio.....	500	239	26	75	160	369	181	33	35	112
Indiana.....	292	101	17	—	174	223	141	13	18	43
Illinois.....	756	215	32	412	97	270	114	21	41	84
Michigan.....	434	206	30	61	137	309	161	25	24	102
Wisconsin.....	162	102	20	—	40	139	62	12	5	49
W. N. Central.....	834	396	132	10	295	662	386	78	39	144
Minnesota.....	183	86	23	10	64	113	59	17	5	29
Iowa.....	158	96	18	—	44	137	64	10	4	56
Missouri.....	137	74	33	—	29	115	76	21	12	3
North Dakota.....	41	20	10	—	11	31	17	3	2	9
South Dakota.....	43	22	13	—	8	42	25	5	2	10
Nebraska.....	66	42	16	—	8	61	26	8	3	23
Kansas.....	207	56	20	—	132	163	119	13	12	14
South Atlantic.....	1,500	654	84	72	690	971	487	140	137	114
Delaware.....	48	11	3	10	24	33	12	4	13	—
Maryland.....	277	75	7	17	178	189	96	8	21	32
Dist. of Columbia.....	36	22	3	—	11	25	—	—	—	18
Virginia.....	281	89	12	19	160	147	81	37	23	3
West Virginia.....	82	43	4	3	28	66	29	19	17	—
North Carolina.....	214	124	20	—	70	180	77	37	23	6
South Carolina.....	90	65	7	( <sup>5</sup> )	28	62	26	13	14	6
Georgia.....	173	89	12	16	56	115	39	11	9	35
Florida.....	300	141	15	7	137	213	128	13	16	15
E. S. Central.....	477	290	55	15	117	399	158	51	34	132
Kentucky.....	110	72	15	—	29	95	59	19	9	6
Tennessee.....	131	94	13	—	24	114	39	9	7	41
Alabama.....	133	72	17	15	29	112	34	16	7	53
Mississippi.....	97	52	10	—	35	77	26	7	10	31
W. S. Central.....	994	469	84	—	441	705	390	83	69	89
Arkansas.....	86	47	10	—	29	64	31	10	13	8
Louisiana.....	295	68	12	—	214	146	88	16	24	15
Oklahoma.....	179	85	18	—	76	148	75	12	10	32
Texas.....	434	269	44	—	121	348	196	45	22	47
Mountain.....	352	196	95	13	48	306	179	42	26	3
Montana.....	49	26	16	—	8	42	27	5	5	8
Idaho.....	32	22	8	—	2	31	15	6	2	3
Wyoming.....	36	13	13	—	9	26	17	4	1	4
Colorado.....	75	46	13	8	8	70	40	8	5	14
New Mexico.....	53	30	13	5	4	46	28	6	5	4
Arizona.....	51	29	14	—	5	43	24	5	4	9
Utah.....	34	20	9	—	5	28	17	5	2	3
Nevada.....	22	11	7	—	4	20	12	3	2	2
Pacific.....	1,021	659	78	20	263	862	436	59	65	167
Washington.....	164	90	12	20	42	135	56	17	13	30
Oregon.....	96	61	15	—	20	83	34	13	12	20
California.....	761	508	62	—	201	644	346	28	41	117

<sup>1</sup> Balances from 1955, totaling \$3,509,956,000, and miscellaneous current revenues, totaling \$553,791,000.

<sup>2</sup> Includes disbursements not shown separately and not elsewhere included: For collection and administration of highway-user revenues, \$164,970,000; for nonhighway purposes, \$328,441,000.

<sup>3</sup> Expenditures on county roads under State control in Ala. (6 counties), Del., N. C., Va. (all except 2 counties), and W. Va. included with those for State-administered highways.

<sup>4</sup> Includes some administration, engineering, and miscellaneous disbursements.

<sup>5</sup> Disbursements for administration, engineering, and miscellaneous; State highway police and safety; bond interest; and bond retirement. <sup>6</sup> Less than \$500,000.

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics, 1956*.

## NO. 703.—FEDERAL AND STATE GASOLINE TAX, BY STATES: 1940 TO 1957

[Cents per gallon. Where 2 figures appear in a cell, the first is tax in effect at beginning of year, the last is tax at end of year]

STATE	1940	1950	1955	1956	1957 <sup>1</sup>	STATE	1940	1950	1955	1956	1957 <sup>1</sup>
Federal tax.....	1-1.5	1.5	2	2-3	3	Montana.....	5	6	3 6-7	3 7	3 7
State average <sup>2</sup> .....	4.0	4.7	5.4	5.5	-----	Nebraska.....	5	6-5	6	6	6-7
Alabama.....	6	6	6-7	7	7	Nevada.....	4	4.5	3 4.5-5	6	6
Arizona.....	5	5	5	5	5	New Hampshire.....	4	4	5	5	5-6
Arkansas.....	6.5	6.5	6.5	6.5	6.5	New Jersey.....	3	3	4	4	4
California.....	3	4.5	3 6	3 6	3 6	New Mexico.....	5	7	6	6	6
Colorado.....	4	6	6	6	6	New York.....	4	4	3 4	3 4	3 4
Connecticut.....	3	4	4-6	6	6	North Carolina.....	6	7	7	7	7
Delaware.....	4	5	5	5	5	North Dakota.....	4	4	5-6	6	6
Dist. of Col.....	2	4	0	6	6	Ohio.....	4	4	5	5	5
Florida.....	7	7	7	7	7	Oklahoma.....	4	6.5	6.5	6.5	6.5
Georgia.....	6	7	6-6.5	6.5	6.5	Oregon.....	5	6	6	6	6
Idaho.....	5.1	6	6	6	6	Pennsylvania.....	4	5	5-6	6	6-5
Illinois.....	3	3	5	5	5	Rhode Island.....	3	4	4	4	4
Indiana.....	4	4	4	4	4-6	South Carolina.....	6	6-7	7	7	7
Iowa.....	3	4	3 5-6	3 6	3 6	South Dakota.....	4	4	5	5	3 5-6
Kansas.....	3	5	5	3 5	3 5	Tennessee.....	7	7	7	7	7
Kentucky.....	5	7	7	4 7	4 7	Texas.....	4	4	3 4-5	3 5	3 5
Louisiana.....	7	9	7	7	7	Utah.....	4	4	5	5	5-6
Maine.....	4	6	6-7	7	7	Vermont.....	4	5	3 5-5.5	3 5.5	3 5.5
Maryland.....	4	5	6	6	6	Virginia.....	5	6	6	4 6	4 6
Massachusetts.....	3	3	5	5	5-5.5	Washington.....	5	6.5	6.5	6.5	6.5
Michigan.....	3	3	4.5-6	6	6	West Virginia.....	5	5	5-6	6	6
Minnesota.....	4-3	5	5	5	5 7	Wisconsin.....	4	4	4-6	6	6
Mississippi.....	6	6-7	3 7	3 7	3 7	Wyoming.....	4	4	3 5	3 5	3 5
Missouri.....	2	2	3	3	3						

<sup>1</sup> As of October 1.    <sup>2</sup> Weighted average, based on net gallons taxed.<sup>3</sup> Diesel fuel tax differs from gasoline tax.<sup>4</sup> In Kentucky trucks or combinations having more than 3 axles pay 9 cents per gallon, and in Virginia trucks or combinations with more than 2 axles pay 8 cents per gallon, on all motor fuel used.

## NO. 704.—MOTOR FUEL CONSUMPTION, BY USE: 1940 TO 1956

[In millions of gallons. Gasoline and all other fuels under State motor fuel laws. Excludes exports and Federal purchases for military use. Obtained chiefly from reports of State authorities]

ITEM	1940	1945	1950	1951	1952	1953	1954	1955	1956
<b>Total consumption<sup>1</sup>.....</b>	<b>24,404</b>	<b>22,304</b>	<b>40,280</b>	<b>42,951</b>	<b>45,526</b>	<b>47,890</b>	<b>49,636</b>	<b>53,116</b>	<b>55,711</b>
Highway.....	22,001	19,149	35,653	38,128	40,884	42,732	44,366	47,731	50,214
Nonhighway.....	2,037	2,898	4,178	4,345	4,453	4,649	4,753	4,835	4,935
Passenger vehicles.....	16,759	14,023	25,037	26,910	28,735	30,384	31,670	34,319	36,128
Passenger cars <sup>2</sup> .....	16,323	13,323	24,305	26,159	27,969	29,613	30,915	33,548	35,326
Buses <sup>3</sup> .....	436	700	732	751	766	771	755	771	802
Trucks and combinations.....	5,156	5,055	10,566	11,171	11,849	12,245	12,541	13,308	13,978
Average gallons consumed per vehicle.....	680	617	728	730	766	757	757	759	768
Passenger cars <sup>2</sup> .....	594	517	603	611	639	637	639	644	651
Buses <sup>3</sup> .....	3,050	4,300	3,762	3,797	3,723	3,156	3,240	3,021	3,145
Trucks and combinations.....	1,095	1,020	1,257	1,220	1,303	1,279	1,289	1,278	1,302
Average mileage per gallon consumed per vehicle.....	13.79	13.05	12.87	12.90	12.65	12.77	12.69	12.67	12.54
Passenger cars <sup>2</sup> .....	15.29	14.95	14.95	14.99	14.67	14.70	14.58	14.53	14.37
Buses <sup>3</sup> .....	6.10	5.48	5.57	5.48	5.66	5.77	5.84	5.85	5.74
Trucks and combinations.....	9.68	9.08	8.57	8.49	8.36	8.54	8.44	8.37	8.31

<sup>1</sup> Includes losses allowed for evaporation, handling, etc.<sup>2</sup> Includes taxicabs.<sup>3</sup> Includes school buses.Source of tables 703 and 704: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

No. 705.—MOTOR-VEHICLE OPERATORS AND CHAUFFEURS LICENSES, BY STATES:  
1955 AND 1956

[Incomplete data for some States]

STATE	PERIOD FOR WHICH ISSUED <sup>1</sup>		1955			1956		
	Operators	Chauffeurs	Licenses in force <sup>2</sup>	Licenses issued		Licenses in force <sup>2</sup>	Licenses issued	
				Opera-tors	Chauf-feurs <sup>3</sup>		Opera-tors	Chauf-feurs <sup>3</sup>
U. S.			74,685,949	(4)	(4)	77,658,826	32,017,624	3,727,769
N. E.:								
Maine	1 year	Not required	391,231	391,231		406,246	406,246	
N. H.	2 years	2 years	281,277	40,043	5,777	274,992	167,659	61,513
Vt.	1 year	Not required	160,237	160,237		165,197	165,197	
Mass.	2 years	1 year	2,002,899	1,593,241	(4)	2,108,890	515,649	(4)
R. I.	2 years	2 years	380,421	182,698	1,473	388,669	194,096	10,402
Conn.	2 years	1 year	1,108,718	1,108,718	8,200	1,164,395	475,098	10,285
M. A.:								
N. Y.	3 years	3 years	6,143,862	2,514,483	747,025	6,399,684	1,293,731	318,398
N. J.	1 or 3 years	Not required	2,385,533	2,385,533		2,461,004	2,461,004	
Pa.	1 year	Not required	4,640,030	4,640,030		4,791,945	4,791,945	
E. N. C.:								
Ohio	3 years	3 years	4,218,899	493,230	56,061	4,385,697	1,110,720	109,142
Ind.	2 years	1 year	2,204,688	(4)	(4)	2,604,020	1,302,305	256,336
Ill.	3 years	1 year	4,254,313	1,589,781	270,500	4,489,089	859,667	300,146
Mich.	3 years	1 year	3,195,985	1,033,540	228,931	3,272,496	1,237,664	231,726
Wis.	2 years	Not required	1,731,150	459,250		1,772,700	440,100	
W. N. C.:								
Minn.	4 years	1 year	1,797,759	408,058	158,004	1,595,633	592,161	174,035
Iowa	2 years	1 year	1,365,395	622,634	150,111	1,396,833	620,822	153,377
Mo.	3 years	1 year	2,054,641	593,514	128,277	2,084,771	933,461	135,856
N. Dak.	2 years	Not required	318,134	293,876		326,618	32,742	
S. Dak.	2 years	Not required	415,130	30,174		415,200	342,554	
Nebr.	2 years	Not required	789,552	729,802		793,173	63,371	
Kans.	2 years	2 years	1,315,646	1,078,582	103,238	1,350,830	591,756	17,574
S. A.:								
Del.	(4)	(4)	191,694	34,533	2,475	202,846	90,442	20,272
Md.	Indefinite	2 years	1,191,856	89,694	45,418	1,261,623	94,921	51,597
D. C.	3 years	Not required	333,749	112,643		336,977	117,862	
Va.	3 years	1 year	1,640,751	445,768	70,037	1,630,245	437,454	72,062
W. Va.	4 years	1 year	808,438	192,608	40,042	819,932	272,088	42,770
N. C.	4 years	1 year	1,720,199	441,133	50,802	1,794,345	451,934	58,454
S. C.	4 years	1 year	1,089,610	66,554	4,555	1,119,239	104,463	4,719
Ga.	(4)	(4)	1,596,537	141,259	9,356	1,628,123	1,111,900	81,363
Fla.	1 year	1 year	1,882,318	1,637,582	244,736	2,138,007	1,887,625	250,382
E. S. C.:								
Ky.	2 years	1 year	1,138,038	580,000	22,165	1,180,000	600,000	22,019
Tenn.	2 years	2 years	1,425,273	1,214,890	91,464	1,423,673	108,160	9,159
Ala.	2 years	Not required	1,201,515	488,602		1,251,081	497,152	
Miss.	1 or 2 years	1 or 2 years	688,824	311,200	19,555	711,822	328,768	15,315
W. S. C.:								
Ark.	1 year	1 year	743,721	717,096	26,625	769,220	743,796	25,424
La.	2 years	1 year	1,063,722	602,897	105,180	1,161,389	449,909	108,583
Okla.	2 years	2 years	1,092,123	485,173	68,214	1,099,017	443,465	63,214
Tex.	2 years	1 year	3,874,834	1,418,804	767,691	4,009,296	1,784,564	805,928
Mt.:								
Mont.	2 years	2 years	330,662	141,760	14,777	347,202	169,043	21,622
Idaho	2 years	2 years	357,325	187,358	17,584	369,142	145,781	18,419
Wyo.	2 years	1 year	215,122	38,313	13,419	215,396	105,792	13,586
Colo.	3 years	3 years	890,288	272,299	72,564	954,684	260,184	21,162
N. Mex.	2 years	1 year	397,291	177,790	46,923	410,376	190,662	48,310
Ariz.	3 years	2 years	477,722	161,378	33,295	541,373	167,963	28,372
Utah	5 years	5 years	396,291	41,628	4,706	416,291	66,845	7,190
Nev.	2 years	1 year	143,393	90,124	11,993	162,932	40,002	11,670
Pac.:								
Wash.	2 years	Not required	1,251,083	602,658		1,232,603	629,945	
Oreg.	2 years	1 year	850,617	426,087	46,095	874,396	448,309	45,845
Calif.	4 years	4 years	6,631,453	1,652,718	99,245	6,964,514	1,690,647	96,542

<sup>1</sup> In effect in 1956.<sup>2</sup> Estimated from data reported by States for current and previous years; no allowance made for deaths, emigration, or revocation.<sup>3</sup> Includes public service and other special licenses that are issued to operators of vehicles for hire.<sup>4</sup> Not available.<sup>5</sup> Chauffeurs' licenses not added to operators' licenses since an operator's license is required in addition to the chauffeur's license.<sup>6</sup> Issued for 2-year period, but drivers meeting certain requirements may obtain licenses for indefinite period.<sup>7</sup> Issued for 1- or 5-year period at option of applicant.Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 706.—MOTOR VEHICLES—SUMMARY OF SELECTED ITEMS: 1950 TO 1957

ITEM	1950	1952	1953	1954	1955	1956	1957
SALES, EXPORTS, AND SCRAPPAGE							
Passenger car factory sales, total.....1,000.....	6,666	4,321	6,117	5,559	7,920	5,816	6,113
4-door sedans.....do.....	3,247	2,259	3,079	2,593	3,044	2,005	1,952
2-door sedans, coupes and coupes <sup>1</sup> .....do.....	2,794	1,244	1,732	1,493	1,691	1,136	908
"Hard-top" coupes and sedans.....do.....	267	540	842	955	2,169	1,824	2,073
Convertibles (except "hard-top").....do.....	208	100	159	156	240	199	285
Station wagons <sup>2</sup> .....do.....	142	169	297	349	759	639	890
Chassis.....do.....	9	9	8	13	18	14	6
Exports, total value <sup>3</sup> .....\$1,000,000.....	794	1,124	1,082	1,156	1,367	1,516	1,637
Passenger cars (new).....do.....	179	244	276	300	380	331	299
Trucks and buses (new).....do.....	217	314	269	332	340	438	447
Rubber tires and tubes.....do.....	47	90	72	71	82	100	100
Parts and accessories <sup>4</sup> .....do.....	350	476	466	453	505	646	791
Vehicles scrapped, total.....1,000.....	3,234	3,767	4,054	4,379	4,355	4,850	4,600
Passenger cars.....do.....	2,598	3,163	3,466	3,833	3,732	4,230	4,000
Trucks and buses.....do.....	636	604	588	546	623	620	600
TIRES AND PARTS							
Tires, passenger car:							
Production.....1,000.....	78,598	74,341	81,431	76,794	97,223	85,546	93,547
Shipments.....do.....	84,423	70,905	79,779	77,713	93,730	85,000	90,217
Original equipment.....do.....	36,078	24,106	33,098	29,741	42,574	30,874	32,724
Replacement.....do.....	47,103	45,458	45,874	47,044	50,189	53,252	56,005
Export.....do.....	642	751	806	928	966	875	888
Inventory, year-end.....do.....	3,050	11,261	13,043	12,217	15,963	16,494	19,818
Tires, truck and bus:							
Production.....do.....	14,156	16,070	14,600	12,347	14,955	14,859	13,394
Shipments.....do.....	15,164	15,041	14,889	12,528	14,769	14,325	13,430
Original equipment.....do.....	4,671	5,378	4,838	3,591	4,800	4,548	4,041
Replacement.....do.....	9,705	8,884	9,317	8,111	9,057	8,894	8,544
Export.....do.....	788	779	734	826	912	883	845
Inventory, year-end.....do.....	743	2,859	2,663	2,545	2,815	3,378	3,408
Replacement parts and accessories, domestic sales (wholesale value) <sup>5</sup> .....\$1,000,000.....	1,882	2,164	1,892	1,683	1,805	1,827	2,070
Auto battery shipments for replacement, United States.....1,000.....	24,442	22,453	23,614	23,771	25,828	25,014	25,943
EMPLOYMENT AND PAY							
Total employment in automotive manufacturing plants.....number.....	825,200	790,200	828,900	775,600	896,500	791,300	807,100
Average employment, production workers.....do.....	701,600	644,400	767,100	624,400	740,400	633,200	645,700
Total payrolls, production workers.....\$1,000,000.....	2,672	2,775	3,508	2,887	3,765	3,132	3,342
Average weekly earnings.....dollars.....	73.25	82.82	87.95	88.91	97.78	94.71	99.54
Average weekly hours.....hours.....	41.2	40.6	41.1	40.6	42.7	40.3	40.3
Average hourly earnings.....dollars.....	1.778	2.04	2.14	2.19	2.29	2.35	2.47
SPECIAL MOTOR-VEHICLE TAXES <sup>6</sup>							
Special motor-vehicle taxes, total.....\$1,000,000.....	4,359	5,331	5,993	6,304	7,299	7,964	8,826
Federal excise.....do.....	1,479	1,867	2,183	2,204	2,736	2,965	3,672
State gross registration receipts.....do.....	948	1,134	1,250	1,334	1,483	1,592	1,640
State gasoline, net.....do.....	1,667	1,968	2,155	2,306	2,543	2,792	2,880
Special city and county.....do.....	107	157	183	216	247	270	278
Bridge, tunnel, ferry, road tolls.....do.....	157	206	221	244	291	345	356
TRAFFIC DEATHS							
Traffic deaths, total <sup>7</sup> .....number.....	34,763	37,794	37,955	35,586	38,426	39,628	38,500
Noncollision accidents.....do.....	10,950	12,850	13,050	12,550	13,550	14,650	13,700
Collision accidents:							
With other motor vehicles.....do.....	11,250	12,900	12,600	11,750	13,000	13,650	13,500
With pedestrians.....do.....	9,100	8,600	8,700	8,000	8,200	7,950	7,800
With other vehicles or objects.....do.....	3,490	3,461	3,582	3,277	3,655	3,600	3,500
Traffic death rates:							
Per 100,000 population.....do.....	23.0	24.3	24.0	22.1	23.4	23.9	22.6
Per 10,000 motor vehicles.....do.....	7.2	7.2	6.8	6.1	6.2	6.2	5.8
Per 100 million vehicle miles.....do.....	7.6	7.4	7.0	6.3	6.4	6.4	5.9

<sup>1</sup> Includes business coupes. <sup>2</sup> Excludes station wagons on commercial vehicle chassis.<sup>3</sup> Includes used vehicles. <sup>4</sup> Preliminary.<sup>5</sup> Government purchases not included. Estimates based on Federal excise tax receipts.<sup>6</sup> Special taxes on motor vehicle users; excludes income and property taxes on motor vehicle, body, parts and tire factories; garages; dealers; repair shops; terminal and truck, including taxicab and bus, operating companies.<sup>7</sup> Includes \$1,513,000 collected on use of vehicles over 26,000 lbs. for 1956 (tax effective Oct. 1) and \$28,138,550 for 1957.<sup>8</sup> Totals do not equal the sum of the various types because the estimates were generally made only to the nearest 10 deaths, and to the nearest 50 deaths for certain types.Source: Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*.

### No. 707.—MOTOR-VEHICLE TRAVEL, BY TYPE OF VEHICLE AND CLASS OF ROAD: 1940 TO 1956

[In millions of vehicle-miles, except averages. Estimates for total United States travel based on automatic traffic recorder data from 48 States. See also *Historical Statistics, 1789-1945*, Series K 236-238b]

ITEM	1940	1945	1950	1952	1953	1954	1955	1956
<b>Total travel</b> .....	302,188	250,173	458,246	513,581	544,433	560,857	603,434	627,843
<b>CLASS OF ROAD</b>								
Rural.....	152,195	120,012	239,998	289,463	308,375	317,218	336,153	352,379
Main rural roads.....	109,861	85,921	174,350	203,101	213,604	217,059	227,988	237,748
Local rural roads.....	42,334	34,091	65,648	86,362	94,771	100,159	108,165	114,631
Urban.....	149,993	130,161	218,248	224,118	236,058	243,639	267,281	275,464
<b>TYPE OF VEHICLE</b>								
Passenger vehicles.....	252,257	204,232	367,694	414,521	439,800	455,013	492,047	511,743
Rural.....	121,988	92,831	183,218	224,534	240,046	248,844	265,667	278,257
Urban.....	130,269	111,401	184,476	189,987	199,754	206,169	226,380	233,486
Passenger cars (incl. taxicabs).....	249,600	200,398	363,613	410,187	435,351	450,605	487,540	507,183
Rural.....	120,540	90,926	181,095	222,064	237,567	246,300	263,088	275,686
Urban.....	129,060	109,472	182,518	188,123	197,784	204,305	224,452	231,492
All buses.....	2,657	3,834	4,081	4,334	4,449	4,408	4,507	4,605
Rural.....	1,448	1,905	2,123	2,470	2,479	2,544	2,579	2,601
Urban.....	1,209	1,929	1,958	1,864	1,970	1,864	1,928	2,004
Commercial buses.....	1,944	3,192	3,271	3,194	3,311	3,190	3,256	3,271
Rural.....	808	1,328	1,394	1,444	1,455	1,453	1,452	1,417
Urban.....	1,136	1,864	1,877	1,750	1,856	1,743	1,804	1,854
School and nonrevenue buses.....	713	642	810	1,140	1,138	1,212	1,251	1,334
Rural.....	640	577	729	1,026	1,024	1,091	1,127	1,184
Urban.....	73	65	81	114	114	121	124	150
Trucks and combinations.....	49,931	45,941	90,552	99,060	104,633	105,844	111,387	116,100
Rural.....	30,207	27,181	56,780	64,929	68,329	68,374	70,486	74,092
Urban.....	19,724	18,760	33,772	34,131	36,304	37,470	40,901	42,008
<b>Average miles per vehicle:</b>								
Passenger vehicles.....	9,129	7,870	9,078	9,442	9,417	9,354	9,400	9,389
Passenger cars (incl. taxicabs).....	9,080	7,771	9,020	9,378	9,370	9,308	9,359	9,348
All buses.....	18,580	23,521	20,910	21,062	18,234	18,918	17,658	18,059
Commercial buses.....	36,000	38,434	38,500	37,568	32,782	38,506	34,035	34,432
School and nonrevenue buses.....	8,011	8,025	7,775	9,441	7,958	8,080	7,836	8,338
Trucks and combinations.....	10,626	9,270	10,776	10,940	10,927	10,883	10,697	10,813

Source: Department of Commerce, Bureau of Public Roads; releases.

### No. 708.—MOTOR VEHICLES—FACTORY SALES AND REGISTRATIONS: 1900 TO 1957

[See also *Historical Statistics, 1789-1945*, series K 225-232]

YEAR	FACTORY SALES						REGISTRATIONS (1,000)		
	Number (1,000)			Wholesale value <sup>2</sup> (\$1,000)			Total (excl. publicly owned)	Passenger cars and taxis <sup>3</sup>	Motor-trucks and buses <sup>3</sup>
	Total	Passenger cars	Motor-trucks <sup>1</sup>	Total	Passenger cars	Motor-trucks <sup>1</sup>			
1900.....	4	4	-----	4,899	4,899	-----	8	8	-----
1910.....	187	181	6	225,000	215,340	9,660	468	458	10
1920.....	2,227	1,906	322	2,232,420	1,809,171	423,249	9,239	8,131	1,108
1930.....	3,368	2,787	575	2,034,835	1,644,083	390,752	26,532	22,973	3,559
1940.....	4,472	3,717	755	2,938,474	2,370,654	567,820	32,035	27,372	4,663
1945.....	725	70	656	1,239,210	87,255	1,181,956	30,638	25,691	4,947
1950.....	8,003	6,666	1,337	10,175,885	8,466,137	1,707,748	48,567	40,185	8,382
1951.....	6,765	5,338	1,427	9,565,134	7,241,275	2,323,859	51,292	42,525	8,767
1952.....	6,539	4,321	1,218	8,774,903	6,455,114	2,319,789	52,616	43,654	8,962
1953.....	7,323	6,117	1,206	11,091,640	9,002,580	2,089,060	55,593	46,289	9,304
1954.....	6,601	5,559	1,042	9,878,113	8,218,094	1,660,019	57,876	48,324	9,552
1955.....	9,169	7,920	1,249	14,473,844	12,452,871	2,020,973	62,020	51,980	10,041
1956.....	6,921	5,816	1,104	11,832,403	9,754,971	2,077,432	64,383	54,004	10,380
1957.....	7,221	6,113	1,108	13,280,185	11,198,380	2,081,805	66,310	55,693	10,617

<sup>1</sup> Includes buses. A substantial part of the trucks and buses reported comprises chassis without body; hence, excludes the value of bodies for these chassis. Includes military trucks; total sales for the period Sept. 1, 1939, through 1946, amounted to 2,675,000, valued at \$5,257,588,000. Production for the period Jan. 1, 1940, through 1946 was 2,601,000.

<sup>2</sup> Beginning 1940, includes value of standard equipment.

<sup>3</sup> Prior to 1925, buses included with passenger cars. Beginning 1950, motortrucks exclude farm trucks registered at a nominal fee in 5 States. <sup>4</sup> Partly estimated.

Source: Factory sales—Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*. Registrations—Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

**No. 709.—MOTOR-VEHICLE REGISTRATIONS (COMBINED FIGURES FOR PASSENGER CARS, BUSES, AND MOTOR TRUCKS), BY STATES: 1920 TO 1957**

[In thousands. Excludes publicly 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	1920	1925	1930	1935	1940	1945	1950	1955	1956	1957
<b>United States</b> .....	<b>9,239</b>	<b>19,941</b>	<b>26,532</b>	<b>26,230</b>	<b>32,035</b>	<b>30,638</b>	<b>48,567</b>	<b>62,020</b>	<b>64,383</b>	<b>66,310</b>
<b>New England</b> .....	<b>573</b>	<b>1,281</b>	<b>1,699</b>	<b>1,682</b>	<b>2,020</b>	<b>1,967</b>	<b>2,784</b>	<b>3,409</b>	<b>3,577</b>	<b>3,680</b>
Maine.....	63	140	186	181	206	207	272	318	339	342
New Hampshire.....	35	81	112	117	135	128	169	208	220	227
Vermont.....	32	70	87	82	94	90	119	135	140	143
Massachusetts.....	274	637	846	786	904	859	1,266	1,530	1,601	1,552
Rhode Island.....	50	102	137	149	187	178	249	306	315	318
Connecticut.....	119	251	331	367	494	505	709	913	962	999
<b>Middle Atlantic</b> .....	<b>1,474</b>	<b>3,537</b>	<b>4,921</b>	<b>4,964</b>	<b>5,976</b>	<b>5,311</b>	<b>8,235</b>	<b>10,338</b>	<b>10,691</b>	<b>10,815</b>
New York.....	676	1,626	2,308	2,331	2,743	2,330	3,693	4,592	4,753	4,722
New Jersey.....	228	581	853	888	1,087	1,020	1,564	2,041	2,091	2,142
Pennsylvania.....	570	1,330	1,760	1,745	2,146	1,961	2,978	3,705	3,846	3,951
<b>East North Central</b> .....	<b>2,229</b>	<b>4,917</b>	<b>6,383</b>	<b>6,085</b>	<b>7,298</b>	<b>6,884</b>	<b>10,419</b>	<b>12,938</b>	<b>13,403</b>	<b>13,774</b>
Ohio.....	621	1,346	1,759	1,715	1,919	1,905	2,768	3,492	3,645	3,757
Indiana.....	333	725	875	851	1,000	984	1,424	1,750	1,849	1,892
Illinois.....	569	1,263	1,638	1,526	1,721	1,721	2,632	3,244	3,382	3,484
Michigan.....	413	989	1,328	1,239	1,552	1,454	2,409	3,086	3,102	3,182
Wisconsin.....	293	594	783	754	901	820	1,186	1,367	1,425	1,460
<b>West North Central</b> .....	<b>1,782</b>	<b>2,942</b>	<b>3,682</b>	<b>3,494</b>	<b>3,960</b>	<b>3,663</b>	<b>5,437</b>	<b>6,328</b>	<b>6,474</b>	<b>6,573</b>
Minnesota.....	324	570	733	727	871	750	1,158	1,351	1,411	1,431
Iowa.....	437	659	778	699	794	693	1,060	1,182	1,189	1,207
Missouri.....	297	604	762	766	922	854	1,252	1,478	1,532	1,504
North Dakota.....	91	145	183	164	182	181	273	305	307	317
South Dakota.....	120	168	205	179	195	179	287	321	321	325
Nebraska.....	219	339	426	406	412	406	563	655	651	657
Kansas.....	294	457	595	553	683	600	844	1,034	1,064	1,073
<b>South Atlantic</b> .....	<b>806</b>	<b>1,920</b>	<b>2,518</b>	<b>2,657</b>	<b>3,408</b>	<b>3,453</b>	<b>5,822</b>	<b>8,045</b>	<b>8,513</b>	<b>8,894</b>
Delaware.....	18	40	56	57	72	68	107	152	162	169
Maryland.....	103	234	322	346	444	459	679	931	985	1,020
District of Columbia.....	34	103	157	171	182	111	191	192	196	191
Virginia.....	115	283	376	386	500	548	906	1,226	1,296	1,333
West Virginia.....	81	218	266	248	303	284	475	544	570	596
North Carolina.....	141	340	453	453	592	606	1,035	1,410	1,488	1,532
South Carolina.....	94	168	218	236	337	336	570	768	796	803
Georgia.....	146	248	342	394	503	523	888	1,225	1,258	1,304
Florida.....	74	286	328	356	495	518	971	1,597	1,761	1,947
<b>East South Central</b> .....	<b>358</b>	<b>879</b>	<b>1,215</b>	<b>1,129</b>	<b>1,513</b>	<b>1,517</b>	<b>2,768</b>	<b>3,827</b>	<b>3,890</b>	<b>3,990</b>
Kentucky.....	113	262	331	346	464	435	774	1,023	1,059	1,093
Tennessee.....	102	245	368	352	450	460	842	1,151	1,114	1,142
Alabama.....	75	195	279	245	340	359	675	1,027	1,069	1,107
Mississippi.....	68	177	237	186	259	263	477	626	647	648
<b>West South Central</b> .....	<b>773</b>	<b>1,794</b>	<b>2,411</b>	<b>2,360</b>	<b>2,891</b>	<b>2,767</b>	<b>4,918</b>	<b>6,347</b>	<b>6,529</b>	<b>6,784</b>
Arkansas.....	59	184	220	207	257	275	471	577	601	619
Louisiana.....	73	207	275	269	365	404	699	941	1,000	1,062
Oklahoma.....	213	424	550	502	675	505	819	1,010	1,037	1,057
Texas.....	428	979	1,366	1,382	1,694	1,583	2,929	3,818	3,891	4,047
<b>Mountain</b> .....	<b>371</b>	<b>677</b>	<b>964</b>	<b>959</b>	<b>1,239</b>	<b>1,193</b>	<b>2,039</b>	<b>2,750</b>	<b>2,879</b>	<b>3,021</b>
Montana.....	61	95	135	150	191	157	259	350	340	349
Idaho.....	51	82	119	118	163	151	267	352	331	335
Wyoming.....	24	48	62	70	86	82	142	170	172	177
Colorado.....	129	240	309	285	352	342	556	728	764	803
New Mexico.....	18	49	84	92	125	118	233	334	345	371
Arizona.....	35	68	111	103	138	143	264	407	442	480
Utah.....	43	74	114	106	140	154	243	330	347	363
Nevada.....	10	21	30	35	44	46	75	120	138	144
<b>Pacific</b> .....	<b>873</b>	<b>1,994</b>	<b>2,739</b>	<b>2,900</b>	<b>3,730</b>	<b>3,883</b>	<b>6,145</b>	<b>8,039</b>	<b>8,427</b>	<b>8,779</b>
Washington.....	174	329	446	454	562	614	903	1,137	1,179	1,218
Oregon.....	115	217	252	294	394	414	678	791	792	815
California.....	584	1,448	2,041	2,152	2,774	2,855	4,564	6,111	6,456	6,746

Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 710.—MOTOR-VEHICLE REGISTRATIONS, BY STATES: 1956 AND 1957

(In thousands)

STATE	1956					1957				
	Motor vehicles				Motor-cycles (including official) <sup>1</sup>	Motor vehicles				Motor-cycles (including official) <sup>1</sup>
	Total	Private and commercial		Publicly owned vehicles, Federal, State, county, etc. <sup>1</sup>		Total	Private and commercial		Publicly owned vehicles, Federal, State, county, etc. <sup>1</sup>	
		Automobiles (incl. taxi- cabs)	Trucks and buses				Automobiles (incl. taxi- cabs)	Trucks and buses		
U. S. ....	65,154	54,004	10,380	770.5	431.5	67,136	55,693	10,617	825.9	468.8
N. E. ....	3,618	3,107	471	40.8	14.4	3,724	3,207	473	43.9	16.3
Maine.....	344	270	70	4.7	1.5	346	273	68	4.7	1.6
N. H. ....	225	180	40	5.2	1.4	232	186	40	5.6	1.6
Vt. ....	141	112	27	1.7	0.8	145	115	27	1.9	1.0
Mass. ....	1,619	1,423	178	18.1	4.7	1,672	1,472	181	19.8	5.5
R. I. ....	317	277	37	2.6	1.5	320	281	37	2.8	1.6
Conn. ....	971	844	118	8.4	4.4	1,008	880	119	9.0	5.0
M. A. ....	10,799	9,439	1,252	108.4	55.2	10,933	9,557	1,259	118.3	50.4
N. Y. ....	4,805	4,263	489	51.8	21.0	4,778	4,253	469	55.5	14.0
N. J. ....	2,114	1,838	253	22.1	10.5	2,166	1,882	260	24.9	10.5
Pa. ....	3,881	3,337	509	34.5	23.7	3,989	3,421	530	37.9	25.8
E. N. C. ....	13,530	11,669	1,734	127.2	99.9	13,906	12,010	1,765	132.2	112.8
Ohio.....	3,680	3,236	409	35.1	27.1	3,794	3,341	415	36.9	31.6
Ind. ....	1,863	1,525	323	14.2	17.2	1,907	1,564	328	15.4	17.5
Ill. ....	3,409	2,977	405	26.8	24.0	3,513	3,068	415	29.4	24.8
Mich. ....	3,133	2,740	362	31.1	21.8	3,213	2,814	368	31.3	28.8
Wis. ....	1,445	1,190	235	19.9	9.7	1,479	1,222	238	19.2	10.2
W. N. C. ....	6,545	5,127	1,347	70.5	40.9	6,648	5,215	1,358	75.1	43.3
Minn. ....	1,426	1,163	248	14.9	9.7	1,446	1,181	250	15.2	9.7
Iowa.....	1,201	973	216	12.7	9.1	1,221	987	220	14.1	9.3
Mo. ....	1,545	1,235	296	13.6	6.8	1,578	1,263	302	14.1	7.6
N. Dak. ....	311	209	98	3.4	0.9	320	214	102	3.7	0.9
S. Dak. ....	326	237	84	4.6	1.7	330	239	85	4.9	1.8
Nebr. ....	658	501	150	7.1	4.3	664	504	153	7.4	4.5
Kans. ....	1,078	810	254	14.2	8.5	1,088	827	246	15.7	9.5
S. A. ....	8,634	7,086	1,427	121.1	59.6	9,026	7,430	1,463	131.8	66.6
Del. ....	164	126	36	2.0	0.7	171	130	39	2.3	0.9
Md. ....	993	850	135	7.7	4.7	1,028	884	136	8.4	4.8
D. C. ....	201	175	20	4.5	0.6	197	172	19	4.5	0.7
Va. ....	1,315	1,086	209	19.2	9.7	1,352	1,123	209	19.3	9.8
W. Va. ....	579	453	117	8.9	2.7	605	473	122	9.1	3.0
N. C. ....	1,517	1,208	280	28.4	7.9	1,563	1,245	287	30.8	8.1
S. C. ....	811	658	138	14.8	5.5	819	665	139	16.0	6.2
Ga. ....	1,273	1,015	243	15.0	7.0	1,320	1,054	250	16.5	9.2
Fla. ....	1,781	1,513	247	20.0	20.6	1,971	1,684	263	23.8	24.0
E. S. C. ....	3,943	3,100	790	53.3	21.5	4,047	3,194	796	57.6	23.5
Ky. ....	1,069	848	211	10.4	5.1	1,106	876	217	12.7	5.4
Tenn. ....	1,131	911	203	17.2	6.0	1,160	938	204	18.0	6.8
Ala. ....	1,085	871	199	15.2	8.1	1,123	906	201	15.9	9.0
Miss. ....	658	470	177	10.6	2.2	659	474	174	11.0	2.3
W. S. C. ....	6,609	5,120	1,410	79.9	51.3	6,867	5,342	1,442	83.3	58.2
Ark. ....	609	419	182	7.5	2.6	627	436	183	8.4	3.4
La. ....	1,010	798	201	10.5	6.4	1,073	852	210	10.9	7.6
Okla. ....	1,052	788	249	14.9	10.4	1,072	804	252	15.1	11.0
Tex. ....	3,938	3,114	778	46.9	31.9	4,095	3,250	797	48.9	36.2
Mt. ....	2,932	2,190	689	52.8	20.8	3,079	2,294	727	57.4	25.3
Mont. ....	347	237	103	6.8	1.3	356	244	105	7.3	1.5
Idaho.....	337	239	92	6.1	2.1	342	238	97	7.1	2.4
Wyo. ....	176	120	53	4.1	0.9	181	123	54	4.2	1.0
Colo. ....	775	598	166	11.8	4.7	816	628	175	12.7	6.3
N. Mex. ....	351	258	87	6.2	3.8	378	277	94	7.0	5.6
Ariz. ....	451	349	93	8.7	3.9	489	380	100	9.4	5.1
Utah.....	353	283	64	5.9	1.6	369	293	70	6.1	1.7
Nev. ....	141	107	31	3.2	1.5	147	111	32	3.7	1.8
Pac. ....	8,544	7,167	1,261	116.5	68.0	8,905	7,445	1,334	126.4	72.4
Wash. ....	1,202	965	214	23.2	5.8	1,243	1,004	214	24.6	6.3
Oreg. ....	807	640	152	14.6	5.3	831	658	157	15.6	5.6
Calif. ....	6,535	5,562	894	78.7	56.9	6,832	5,783	963	86.2	60.5

<sup>1</sup> Excludes vehicles owned by military services.<sup>2</sup> In Vermont, trucks under 1,500 pounds capacity, and in Oregon, trucks with gross weight of 6,000 pounds or less, included with automobiles.<sup>3</sup> Excludes farm trucks registered at a nominal fee and restricted to use in vicinity of owner's farm.<sup>4</sup> Includes 1,688 automobiles of the diplomatic corps for 1956, and 1,867 for 1957.Source: Department of Commerce, Bureau of Public Roads; annual report, *Highway Statistics*.



**No. 711.—AUTOMOBILE OWNERSHIP, AGE, AND FINANCING: 1948 TO 1957**

[For definitions of families and spending units, see headnotes, tables 403 and 400, respectively]

ITEM	1948	1950	1952	1953	1954	1955	1956	1957
<b>AUTOMOBILE OWNERSHIP AND AGE</b>								
Total number of families in U. S. .... millions	42.7	45.7	47.2	48.0	48.7	49.3	50.4	51.2
Total owning automobiles. .... percent	54	60	65	65	70	71	72	75
Total number of spending units in U. S. .... millions	48.8	52.6	53.0	53.9	54.0	54.3	55.0	56.1
Total owning automobiles <sup>1</sup> .... percent	50	55	60	61	66	67	70	72
Automobiles owned, by age:								
1 year old or less. .... do.	17	14	11	13	12	12	16	14
2 to 3 years old. .... do.	19	30	31	23	22	21	24	24
4 to 7 years old. .... do.	6	20	30	40	40	43	41	40
More than 7 years old. .... do.	58	36	28	24	23	22	22	22
Total automobile purchasers <sup>1</sup> .... millions	8.6	12.8	11.5	12.7	12.9	15.5	13.8	
New car. .... do.	3.1	5.3	3.6	4.7	4.3	6.1	5.2	
Average price paid. .... dollars	2,130	2,220	2,680	2,650	2,720	2,940	3,070	
Used car. .... millions	5.5	7.5	7.9	7.8	8.6	9.4	8.6	
Average price paid. .... dollars	880	730	950	920	800	780	800	
<b>METHOD OF FINANCING BY PURCHASERS <sup>1</sup></b>								
All passenger-car buyers <sup>2</sup> .... percent	100	100	100	100	100	100	100	
Full cash (including trade-in allowance). .... do.	59	47	35	38	37	39	36	( <sup>2</sup> )
Installment credit and other borrowing. .... do.	39	52	63	61	61	60	61	
New-passenger-car buyers <sup>2</sup> .... do.	100	100	100	100	100	100	100	
Full cash (including trade-in allowance). .... do.	66	54	41	40	38	39	34	
Installment credit and other borrowing. .... do.	33	46	57	59	61	60	63	
Used-passenger-car buyers <sup>2</sup> .... do.	100	100	100	100	100	100	100	
Full cash (including trade-in allowance). .... do.	55	41	33	37	36	38	38	
Installment credit and other borrowing. .... do.	42	57	65	62	61	60	59	

<sup>1</sup> Covers spending units buying cars during year and still owning them at survey time (January-February of following year).

<sup>2</sup> Includes buyers for whom method of financing was not ascertained. <sup>3</sup> Not available.

Source: Board of Governors of the Federal Reserve System. Based on sample data from Surveys of Consumer Finances, conducted by Survey Research Center of University of Michigan for Board of Governors. Data appear periodically in *Federal Reserve Bulletin*.

**No. 712.—AUTOMOBILE INSURANCE—PREMIUMS WRITTEN AND LOSSES PAID, BY TYPE: 1950 TO 1956**

[In millions of dollars. 1950 to 1952, net basis; beginning 1953, direct writing basis]

YEAR	TOTAL INSURANCE			LIABILITY			PROPERTY DAMAGE <sup>1</sup>			PHYSICAL DAMAGE <sup>2</sup>		
	Net premiums written	Losses paid	Percent losses paid of premiums written	Net premiums written	Losses paid	Percent losses paid of premiums written	Net premiums written	Losses paid	Percent losses paid of premiums written	Net premiums written	Losses paid	Percent losses paid of premiums written
1950----	2,625	1,069	40.7	931	396	42.5	482	231	47.9	1,212	442	36.5
1951----	2,995	1,406	47.0	1,126	493	43.8	575	313	54.5	1,294	600	46.3
1952----	3,608	1,646	45.6	1,332	569	42.7	715	369	51.5	1,561	708	45.4
1953----	4,165	1,810	43.5	1,562	661	42.3	833	374	44.9	1,770	775	43.8
1954----	4,175	1,869	44.8	1,642	746	45.4	877	387	44.1	1,656	736	44.4
1955----	4,644	2,122	45.7	1,735	820	47.3	896	415	46.3	2,013	887	43.6
1956----	4,634	2,548	55.0	1,899	982	51.7	925	488	52.8	1,810	1,078	59.6

<sup>1</sup> Covers real property against damage by autos. <sup>2</sup> Covers auto fire, theft, collision, and comprehensive.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Fire and Casualty Volume; and beginning 1953, *Insurance by States Volume*.

**No. 713.—SPEED OF MOTOR VEHICLES: 1945 TO 1957**

[Based on actual speed of each vehicle recorded on tangent sections of main rural highways during off-peak hours]

ITEM	1945 <sup>1</sup>	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Number of vehicles recorded.....1,000..	96	164	223	280	273	341	241	236	395	381	255
Average speed, all vehicles.....m. p. h.	44.0	47.7	47.6	47.6	48.9	49.5	49.7	49.7	50.7	50.5	50.8
Passenger cars.....do.	45.0	48.8	48.7	48.7	50.1	50.8	51.1	51.1	52.1	51.8	52.0
Trucks.....do.	39.8	43.1	43.5	43.0	44.4	45.0	44.9	45.2	45.8	46.2	46.6
Buses.....do.	45.5	50.0	50.3	49.8	51.2	52.1	51.5	51.8	52.6	52.3	53.2
Vehicles exceeding—											
40 m. p. h. .... percent	64	77	78	77	82	84	85	86	87	87	88
45 m. p. h. .... do.	42	59	60	58	63	68	69	69	73	72	73
50 m. p. h. .... do.	24	36	38	37	42	45	47	46	51	49	50
55 m. p. h. .... do.	11	20	21	20	24	26	27	26	31	30	30
60 m. p. h. .... do.	5	9	9	8	11	12	13	12	15	14	13

<sup>1</sup> August 15 to December 31.

Source: Department of Commerce, Bureau of Public Roads.

No. 714.—MOTOR-VEHICLE ACCIDENT DEATHS BY AGE, COLOR, AND SEX: 1956

AGE	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All ages.....	39,628	29,804	9,824	34,745	26,034	8,711	4,883	3,770	1,113
Under 5 years.....	1,770	987	783	1,472	809	663	298	178	120
5 to 9 years.....	1,487	994	493	1,258	858	400	229	136	93
10 to 14 years.....	1,153	791	362	1,033	707	326	120	84	36
15 to 19 years.....	4,128	3,128	1,000	3,776	2,857	919	352	271	81
20 to 24 years.....	5,041	4,304	737	4,476	3,830	645	506	474	92
25 to 34 years.....	6,483	5,269	1,214	5,496	4,401	1,095	987	808	179
35 to 44 years.....	5,068	3,888	1,180	4,237	3,230	1,007	831	658	173
45 to 54 years.....	4,508	3,365	1,143	3,881	2,874	1,007	627	491	136
55 to 64 years.....	4,065	2,909	1,156	3,592	2,591	1,081	473	348	125
65 years and over.....	5,889	4,138	1,751	5,505	3,831	1,674	364	307	77
Not stated.....	36	31	5	20	16	4	16	15	1

No. 715.—MOTOR-VEHICLE ACCIDENT DEATHS, BY PLACE OF DEATH AND PLACE OF RESIDENCE: 1950 TO 1956

STATE	BY PLACE OF DEATH						BY PLACE OF RESIDENCE					
	1950	1952	1953	1954	1955	1956	1950	1952	1953	1954	1955	1956
U. S.....	34,763	37,794	37,955	35,586	38,426	39,628	34,763	37,794	37,955	35,586	38,426	39,628
Ala.....	859	817	849	776	859	980	855	829	870	805	864	1,016
Ariz.....	333	412	411	441	384	302	278	379	354	360	335	414
Ark.....	365	482	456	408	447	503	383	454	457	420	467	497
Calif.....	3,032	3,694	3,475	3,108	3,524	3,859	3,171	3,674	3,518	3,266	3,609	3,975
Colo.....	415	408	360	414	455	427	408	388	347	408	406	415
Conn.....	287	238	299	264	353	304	291	252	301	270	351	314
Del.....	84	84	116	103	112	99	80	71	105	83	104	96
D. C.....	102	77	109	83	99	86	134	110	134	106	119	104
Fla.....	832	931	966	1,004	1,048	1,238	842	906	901	915	977	1,135
Ga.....	928	1,015	982	1,005	1,122	1,161	906	967	943	952	1,094	1,120
Idaho.....	243	216	205	240	184	245	226	193	198	235	181	237
Ill.....	1,953	2,094	2,082	1,714	1,877	2,013	2,042	2,200	2,227	1,839	1,994	2,167
Ind.....	1,136	1,299	1,318	1,119	1,189	1,262	1,087	1,245	1,244	1,067	1,148	1,239
Iowa.....	620	531	603	613	613	700	634	536	601	630	636	681
Kansas.....	546	585	590	634	613	691	529	555	557	617	587	678
Ky.....	753	899	914	807	907	812	722	829	827	780	862	765
La.....	585	669	705	634	703	916	551	649	691	610	677	876
Maine.....	161	149	190	152	177	174	155	149	202	155	176	177
Md.....	480	535	516	511	500	544	442	513	494	501	498	531
Mass.....	492	494	538	555	621	394	544	549	589	597	675	454
Mich.....	1,627	1,767	1,928	1,830	2,036	1,781	1,692	1,865	2,035	1,911	2,145	1,842
Minn.....	558	567	665	667	613	672	587	605	693	691	632	711
Miss.....	525	546	553	461	502	586	519	564	540	447	544	505
Mo.....	902	1,065	1,051	1,023	1,079	1,164	942	1,119	1,067	995	1,084	1,112
Mont.....	209	249	253	229	244	276	191	241	233	219	239	290
Nebrr.....	317	326	349	339	331	325	305	313	340	340	337	355
Nev.....	122	152	161	155	186	150	81	84	117	88	123	94
N. H.....	103	87	101	89	110	100	96	84	92	87	103	100
N. J.....	715	867	816	828	815	791	646	855	780	765	767	796
N. Mex.....	340	308	427	304	383	431	263	296	315	291	295	349
N. Y.....	1,961	2,086	2,233	2,080	2,163	2,160	2,098	2,239	2,403	2,222	2,310	2,313
N. C.....	1,153	1,189	1,184	1,062	1,122	1,185	1,113	1,190	1,161	1,074	1,217	1,177
N. Dak.....	105	160	169	157	153	172	111	155	178	158	171	170
Ohio.....	1,850	2,112	2,094	1,900	2,089	2,011	1,892	2,167	2,113	1,949	2,137	2,056
Okl.....	504	570	534	567	569	672	510	588	581	572	608	685
Oreg.....	461	486	423	446	434	444	465	475	416	421	434	435
Pa.....	1,656	1,779	1,780	1,662	1,872	1,984	1,744	1,834	1,863	1,772	1,948	2,034
R. I.....	87	75	75	68	94	76	89	79	83	79	98	80
S. C.....	627	770	739	571	696	729	633	713	706	550	679	694
S. Dak.....	198	175	186	188	200	191	196	174	192	172	200	193
Tenn.....	801	817	886	769	968	835	778	789	837	775	913	801
Tex.....	2,499	2,630	2,417	2,498	2,602	2,655	2,498	2,592	2,471	2,520	2,599	2,712
Utah.....	199	258	220	222	211	223	202	241	205	211	192	208
Vt.....	69	73	77	64	87	101	82	78	66	54	82	93
Va.....	929	970	909	826	909	840	857	852	879	775	830	773
Wash.....	534	585	536	455	514	572	548	625	544	488	545	509
W. Va.....	400	422	457	366	398	446	422	457	450	374	410	459
Wis.....	857	921	906	806	954	976	806	922	900	851	910	921
Wyo.....	149	160	166	159	145	177	117	111	126	119	114	145

Source of tables 714 and 715: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## Section 21

### Transportation, Land and Air

This section presents statistics concerning the systems of mass transport of persons and goods by land and air. The modes of transport included are railway, trucking, bus and streetcar, pipeline, and civil aviation. The principal sources of these data are *Transport Statistics in the United States*, Part 1 (formerly *Statistics of Railways in the United States*), published annually by the Interstate Commerce Commission; the *Transit Fact Book*, relating to street railways, published annually by the American Transit Association, and the *Statistical Handbook of Civil Aviation* published by the Civil Aeronautics Administration. Various periodic reports such as the *Monthly Report on Transportation Statistics* and the quarterly and annual *Statistics of Class I Motor Carriers* (issued as Part 7 of *Transport Statistics*) are issued by the Interstate Commerce Commission. In addition, the Association of American Railroads supplements official railway statistics with various releases, and the annual review and statistical number of *Fleet Owner* (*Bus Transportation* prior to January 1957), a McGraw-Hill publication, summarizes operations of common carrier and school buses. The Interstate Commerce Commission also issues annually *Selected Financial and Operating Statistics from Annual Reports of Electric Railways* (issued as Part 4 of *Transport Statistics*), an abstract of the annual reports of electric railway companies, chiefly interurban, which report to it. Figures relating to oil pipelines are compiled by the Interstate Commerce Commission and appear in its annual report on *Statistics of Oil Pipe-Line Companies* (issued as Part 6 of *Transport Statistics*).

**Railways.**—The total railroad mileage of the United States comprises: (1) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission; (2) switching and terminal railroads, also reporting to the Commission; and (3) private railroads (identified by the Commission as "circular" because they report on brief circulars, or as "unofficial" when their reports are received too late for tabulation). Except for certain mileage data, the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries comprise proprietary companies, which are covered by the reports of operating carriers, and lessor companies which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railways are classified on the basis of operating revenues. Prior to 1956, the classification was as follows: Class I, those having more than \$1,000,000 gross annual operating revenue; class II, from \$100,000 to \$1,000,000; and class III, less than \$100,000. Since 1956, the following classification has been in effect: Class I, \$3,000,000 or more; and class II, under \$3,000,000. Class III has been eliminated.

**Motor carriers.**—Statistics of class I for-hire carriers are compiled by the Interstate Commerce Commission from annual and quarterly reports submitted to it by these carriers. Prior to 1950, class I motor carriers were those with \$100,000 or more of gross annual operating revenue. Beginning with 1950, the class I minimum became \$200,000. In 1956, the class I minimum for motor carriers of property was increased to \$1,000,000; however, the minimum for class I motor carriers of passengers remained at \$200,000.

Note.—This section presents data for the most recent year or period available on May 16, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

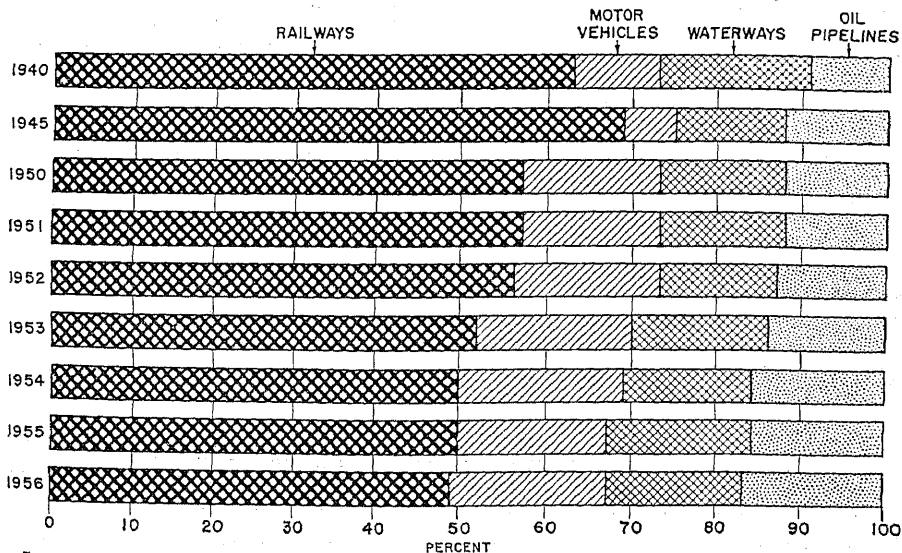
**Civil aeronautics.**—Federal promotion and regulation of civil aviation are carried out by two bodies—the Civil Aeronautics Administration and the Civil Aeronautics Board. The Civil Aeronautics Board prescribes Civil Air Regulations which deal with the competency of airmen, airworthiness of aircraft, and air traffic control. The Board also issues certificates permitting persons to engage in air transportation as a business; fixes air-mail rates which they may charge, and may establish maximum and minimum rates for transportation of passengers and goods. It also has the duty of investigating accidents in air transportation. The Board also hears prosecutions brought by the Administrator of Civil Aeronautics in connection with the revocation and suspension of airmen and air carrier certificates as a result of violations of the Civil Air Regulations.

The Civil Aeronautics Administration is an operating agency of the Department of Commerce. Its principal activities are the operation of air route traffic control centers, airport traffic control towers, and communication stations; and the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment for the airways. It also promotes safety through the certification of planes, pilots, mechanics, and air agencies, such as flight and ground schools; checks the design, structure, and performance of new planes to insure the safety of the flying public; and investigates accidents to fixed-wing aircraft of 12,500 pounds or under (with the exception of those used in Alaskan air carrier operations). The CAA also acts in an advisory capacity in the design and construction of airports; administers the Federal Aid Airport Program; provides technical civil aviation assistance in foreign countries and arranges for the technical aeronautical training of foreign nationals in the United States; and conducts technical research and development programs.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series K 28-33") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

FIG. XXXIII.—PERCENT DISTRIBUTION OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1940 TO 1956

[Airways not shown separately—less than one-tenth of 1 percent. See table 716]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Interstate Commerce Commission.

### No. 716.—VOLUME OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1940 TO 1956

[In millions of ton-miles. A ton-mile is the movement of a ton (2,000 lbs.) of freight for the distance of one mile. Comprises public and private traffic and revenue and nonrevenue traffic]

YEAR	Total traffic, volume	RAILWAYS <sup>1</sup>		MOTOR VEHICLES		INLAND WATERWAYS <sup>2</sup>		OIL PIPELINES		AIRWAYS <sup>3</sup>	
		Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total
1940.....	651,204	411,813	63.24	62,043	9.53	118,057	18.13	59,277	9.10	14	0.002
1945.....	1,072,490	736,184	68.64	66,948	6.24	142,737	13.31	126,530	11.80	91	0.008
1950.....	1,094,160	628,463	57.44	172,860	15.80	163,344	14.93	129,175	11.81	318	0.029
1951.....	1,209,099	686,377	56.77	188,012	15.55	182,216	15.07	152,115	12.58	379	0.031
1952.....	1,172,167	651,276	55.56	194,607	16.60	168,367	14.36	157,502	13.44	415	0.035
1953.....	1,232,477	642,578	52.14	217,163	17.62	202,439	16.43	169,884	13.78	413	0.034
1954.....	1,145,434	577,529	50.42	214,626	18.74	173,679	15.16	170,203	15.64	397	0.035
1955.....	1,300,994	654,473	50.31	226,188	17.39	216,508	16.64	203,244	15.62	481	0.037
1956.....	1,381,220	676,974	49.01	253,751	18.37	219,973	15.93	229,959	16.65	563	0.041

<sup>1</sup> Includes electric railways, express, and mail. <sup>2</sup> Includes Great Lakes.

<sup>3</sup> Domestic service only. Includes express, mail, and excess baggage.

<sup>4</sup> Part of this increase resulted from coverage of waterways previously existing but not covered.

<sup>5</sup> Motor-vehicle ton-miles revised upward on basis of new data; not applied to previous years.

Source: Interstate Commerce Commission; annual report, and Statement No. 563, *Intercity Ton-Miles, 1939-1954*, February 1956.

### No. 717.—VOLUME OF DOMESTIC INTERCITY PASSENGER TRAFFIC, BY TYPE OF TRANSPORTATION: 1950 TO 1956

[In millions of passenger-miles. A passenger-mile is the movement of one passenger for the distance of one mile. Comprises public and private traffic and revenue and nonrevenue traffic]

YEAR	Total traffic, volume	RAILWAYS <sup>1</sup>		COMMERCIAL MOTOR CARRIERS		PRIVATE AUTOMOBILES		INLAND WATERWAYS <sup>2</sup>		AIRWAYS <sup>3</sup>	
		Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total
1950.....	473,022	32,481	6.87	26,436	5.59	402,843	85.16	1,190	0.25	10,072	2.13
1951.....	534,782	35,306	6.60	27,418	5.13	457,787	85.60	1,333	0.25	12,938	2.42
1952.....	575,345	34,710	6.03	28,704	4.99	495,547	86.13	1,396	0.24	14,988	2.61
1953.....	608,769	32,261	5.30	28,397	4.66	529,194	86.93	1,487	0.24	17,430	2.86
1954.....	625,113	29,467	4.71	25,614	4.10	548,763	87.79	1,701	0.27	19,568	3.13
1955.....	664,510	28,695	4.32	25,519	3.84	585,817	88.16	1,738	0.26	22,741	3.42
1956.....	698,826	28,541	4.08	25,189	3.60	617,713	88.39	1,860	0.27	25,523	3.65

<sup>1</sup> Includes steam and electric. <sup>2</sup> Includes Great Lakes.

<sup>3</sup> Includes domestic revenue service and private pleasure and business flying.

Source: Interstate Commerce Commission; annual report.

### No. 718.—OPERATING REVENUES, BY TRANSPORT AGENCY: 1940 TO 1957

[In millions of dollars]

TRANSPORT AGENCY	1940	1945	1950	1954	1955	1956	1957 <sup>1</sup> (prel.)
Pullman Company.....	60	148	104	100	95	96	93
Electric railways <sup>2</sup> .....	53	87	79	56	60	49	47
Railway Express <sup>3</sup> .....	120	284	223	235	241	257	252
Railroads <sup>4</sup> .....	4,459	9,136	9,820	9,708	10,495	10,963	10,960
Water lines <sup>5</sup> .....	113	173	330	399	452	476	484
Pipelines (oil).....	226	304	442	617	678	737	751
Domestic scheduled air carriers <sup>6</sup> .....	77	215	558	1,043	1,201	1,342	(?)
Motor carriers of passengers <sup>7</sup> .....	176	652	539	554	552	564	585
Motor carriers of property.....	898	1,840	3,737	4,737	5,535	5,829	6,056

<sup>1</sup> 12 months ending June 30.

<sup>2</sup> A shift of 2 carriers from the electric railway to the railroad group in the year 1956, and a like shift of 2 others during the first 6 months of 1957 result in overstatements of the declines by an undetermined amount.

<sup>3</sup> After deducting payments to others for express privileges.

<sup>4</sup> Includes switching and terminal companies.

<sup>5</sup> Includes only revenues from domestic traffic of carriers subject to the jurisdiction of the Interstate Commerce Commission.

<sup>6</sup> Source: Department of Commerce, Civil Aeronautics Administration; *CAA Statistical Handbook of Civil Aviation*.

<sup>7</sup> Not available.

<sup>8</sup> Excludes motor-carrier revenues of electric railways, included under electric railways.

Source: Interstate Commerce Commission; annual report, except as noted.

## No. 719.—RAILWAYS—SUMMARY STATISTICS: 1910 TO 1956

[As of June 30 for 1910, thereafter December 31. Includes intercorporate duplications. See also *Historical Statistics, 1789-1945*, series K 1-83]

ITEM	1910	1920	1930	1940	1950	1955	1956
Operating companies <sup>1</sup> .....number..	1,306	1,085	775	574	471	441	422
Road owned, first track <sup>2</sup> .....miles..	240,293	252,845	249,052	233,670	223,779	220,670	220,221
Miles operated: <sup>3</sup>							
Total, reporting railways <sup>4</sup> .....miles..	351,767	406,579	429,883	405,975	396,380	390,965	389,663
Road, first track <sup>4</sup> .....do.....	240,831	259,941	260,440	245,740	236,857	233,955	233,509
Other main tracks.....do.....	25,354	36,894	42,742	41,373	40,456	38,825	37,908
Yardtrack and sidings.....do.....	85,582	109,744	126,701	118,862	119,067	118,185	118,251
Equipment:							
Locomotives in service.....number..	60,019	68,942	60,189	44,333	42,951	33,533	32,593
Average tractive effort <sup>5</sup> .....pounds..	27,282	36,365	45,225	50,905	57,075	65,005	68,745
Cars in service:							
Passenger-train.....number.....	47,179	56,102	53,584	38,308	37,359	32,118	30,817
Freight-train <sup>6</sup> .....thousands..	2,148	2,388	2,322	1,684	1,746	1,724	1,739
Average capacity <sup>7</sup> .....tons.....	35.9	42.4	46.9	50.0	52.6	53.7	54.0
Capital and property investment: <sup>7</sup>							
Road and equipment, book value <sup>8</sup>							
mil. dol.....	9 14,558	19,849	26,051	25,646	30,174	33,035	33,714
Depreciation reserve <sup>10</sup> .....do.....		1,081	2,361	3,095	6,607	7,289	7,518
Capital outstanding <sup>11</sup> .....do.....	18,417	21,891	24,331	23,371	20,399	19,309	19,324
Net capitalization.....do.....	14,376	16,994	19,066	17,630	15,618	15,171	15,285
Stock paying dividends.....do.....	5,413	5,075	7,702	3,741	6,769	7,300	6,785
Dividends declared.....do.....	406	331	603	217	349	476	476
Interest accrued on funded debt							
mil. dol.....	400	500	589	547	367	374	373
Income and expenses:							
Operating revenues.....do.....	2,812	6,310	5,356	4,355	9,587	10,230	10,686
Operating expenses.....do.....	1,882	5,954	3,994	3,132	7,135	7,724	8,200
Tax accruals.....do.....	98	289	354	403	1,212	1,101	1,144
Operating income.....do.....	832	75	1,008	820	1,240	1,404	1,342
Net income.....do.....	533	482	578	243	855	959	908
Passenger service:							
Passenger revenue.....do.....	629	1,305	731	418	815	744	758
Passengers carried.....millions..	972	1,270	708	466	488	433	430
Passenger-miles.....do.....	32,338	47,370	26,876	23,816	31,790	28,548	28,216
Revenue per passenger-mile.....cents..	1.94	2.76	2.72	1.76	2.56	2.61	2.69
Average journey per passenger							
miles.....	33.50	37.30	37.96	52.22	65.14	65.88	65.62
Freight service:							
Freight revenue.....mil. dol.....	1,926	4,421	4,145	3,584	7,934	8,665	9,089
Revenue tons originated							
millions.....	1,026	1,363	1,220	1,069	1,421	1,459	1,521
Tons carried one mile.....do.....	255,017	413,699	385,815	375,369	591,550	626,893	651,188
Revenue ton-miles per mile of road							
thousands.....	1,071	1,897	1,481	1,526	2,497	2,679	2,789
Revenue per ton-mile.....cents.....	0.753	1.069	1.074	0.955	1.341	1.382	1.396
Haul per ton.....miles.....	249.68	303.52	316.21	351.13	416.32	430.67	428.08
Number of employees, average							
thousands.....	1,699	2,076	1,517	1,046	1,237	1,071	1,058
Compensation of employees							
mil. dol.....	1,144	3,754	2,589	1,991	4,645	5,045	5,388
Accidents:							
Persons killed.....number.....	9,682	6,958	5,665	4,740	3,486	2,761	2,578
Persons injured.....do.....	119,507	168,309	49,443	29,606	33,267	27,840	28,676

<sup>1</sup> Line-haul operating.<sup>2</sup> Excludes all duplications; also excludes some mileage in Canada, Alaska, and Hawaii.<sup>3</sup> Includes some duplication under trackage rights and some mileage in Canada; excludes some mileage in Alaska and Hawaii.<sup>4</sup> Excludes circular and unofficial.<sup>5</sup> Since 1920 represents steam locomotives and freight cars of class I railways, excluding switching and terminal companies. <sup>6</sup> Excludes caboose cars. <sup>7</sup> Includes lessors.<sup>8</sup> 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. Includes lessor companies since 1930; for later years, includes proprietary companies except those which are part of systems filing consolidated annual reports.<sup>9</sup> Investment for 1910 originally published is increased by \$170,000,000, estimated reserve for accrued depreciation, to make figures comparable with those of other years.<sup>10</sup> Amortization of defense projects included after 1940.<sup>11</sup> Comprises actually outstanding, nominally issued, and nominally outstanding securities, and equipment obligations.Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States*, and, beginning 1955, *Transport Statistics in the United States*, Part 1.

## No. 720.—RAILWAY COMPANIES, BY CLASS: 1956

[See text, p. 561, for explanation of class limits]

CLASS OF COMPANY	Companies	MILES OF ROAD <sup>1</sup>		EQUIPMENT IN SERVICE			Revenue freight originated <sup>5</sup> (mil. tons)	Net railway operating income (\$1,000)
		Owned <sup>2</sup>	Operated <sup>3</sup>	Locomotives	Freight-train cars <sup>4</sup>	Passenger-train cars		
<b>Total</b> .....	899	220, 221	233, 604	32, 593	1, 760, 070	30, 817	1, 521	1, 123, 688
Class I line-haul operating.....	113	190, 326	223, 336	30, 433	1, 727, 417	30, 717	1, 447	1, 065, 246
Lessors to Class I.....	145	17, 131	---	---	---	---	---	---
Class II line-haul operating.....	309	9, 175	10, 173	724	16, 708	93	74	15, 463
Lessors to Class II.....	14	330	---	---	---	---	---	---
Switching and terminal.....	<sup>6</sup> 234	(?)	(?)	1, 436	15, 945	7	---	39, 979
Proprietary <sup>7</sup> .....	64	2, 957	---	---	---	---	---	---
Circular.....	19	286	95	---	---	---	---	---
Unofficial.....	1	16	---	---	---	---	---	---

<sup>1</sup> Single or first main track.<sup>2</sup> Excludes all duplications; also excludes 162 miles in Canada, 565 miles in Alaska, and 25 miles in Hawaii.<sup>3</sup> Includes some duplication under trackage rights and 1,358 miles in Canada; excludes 565 miles in Alaska and 25 miles in Hawaii.<sup>4</sup> Includes caboose cars.<sup>5</sup> Excludes switching and terminal companies.<sup>6</sup> Includes operating, lessor, proprietary, circular, and unofficial companies.<sup>7</sup> Not comparable.<sup>8</sup> Excludes those in systems which file consolidated reports combining mileage, investment, and other items on a net system basis.Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1.

## No. 721.—RAILWAYS—MILES OF ROAD OWNED, BY STATES AND TERRITORIES: 1940, 1950, AND 1956

[Data are for actual length of line of each State without duplication. As of Dec. 31]

STATE OR TERRITORY	1940	1950	1956	STATE OR TERRITORY	1940	1950	1956
<b>Cont. U. S.</b> .....	233, 670	223, 779	220, 221	<b>W. N. Central—Con.</b>			
<b>New England</b> .....	6, 677	6, 396	6, 205	Missouri.....	7, 042	6, 735	6, 706
Maine.....	1, 882	1, 830	1, 795	North Dakota.....	5, 266	5, 256	5, 239
New Hampshire.....	1, 002	936	869	South Dakota.....	4, 006	3, 958	3, 916
Vermont.....	919	889	846	Nebraska.....	6, 044	5, 800	5, 749
Massachusetts.....	1, 793	1, 726	1, 689	Kansas.....	8, 564	8, 441	8, 414
Rhode Island.....	194	185	181	<b>East South Central</b> .....	16, 179	15, 574	15, 389
Connecticut.....	887	830	825	Kentucky.....	3, 691	3, 641	3, 556
<b>Middle Atlantic</b> .....	20, 175	19, 180	18, 492	Tennessee.....	3, 573	3, 471	3, 424
New York.....	7, 739	7, 493	7, 240	Alabama.....	4, 996	4, 723	4, 665
New Jersey.....	2, 108	1, 992	1, 962	Mississippi.....	3, 919	3, 739	3, 741
Pennsylvania.....	10, 328	9, 695	9, 290	<b>West South Central</b> .....	31, 497	29, 771	29, 238
<b>South Atlantic</b> .....	29, 475	27, 924	27, 701	Louisiana.....	4, 357	4, 079	3, 982
Delaware.....	295	295	293	Texas.....	16, 356	15, 611	15, 337
Dist. of Columbia.....	35	34	34	Oklahoma.....	6, 302	5, 977	5, 921
Maryland.....	1, 367	1, 309	1, 258	Arkansas.....	4, 482	4, 104	3, 998
Virginia.....	4, 261	4, 073	4, 130	<b>Mountain</b> .....	23, 518	22, 101	21, 460
West Virginia.....	3, 831	3, 719	3, 708	Montana.....	5, 149	5, 059	4, 995
North Carolina.....	4, 668	4, 435	4, 351	Wyoming.....	2, 008	1, 925	1, 883
South Carolina.....	3, 466	3, 223	3, 287	Colorado.....	4, 552	4, 273	3, 865
Georgia.....	6, 334	6, 043	5, 949	New Mexico.....	2, 812	2, 496	2, 475
Florida.....	5, 218	4, 793	4, 691	Arizona.....	2, 228	2, 197	2, 179
<b>East North Central</b> .....	41, 281	39, 851	39, 184	Utah.....	2, 082	1, 788	1, 730
Ohio.....	8, 501	8, 418	8, 365	Nevada.....	1, 941	1, 650	1, 648
Indiana.....	6, 889	6, 652	6, 603	Idaho.....	2, 746	2, 713	2, 655
Illinois.....	11, 949	11, 643	11, 316	<b>Pacific</b> .....	16, 575	15, 874	15, 721
Michigan.....	7, 303	6, 803	6, 674	Washington.....	5, 243	5, 124	4, 982
Wisconsin.....	6, 639	6, 335	6, 226	Oregon.....	3, 885	3, 217	3, 213
<b>West North Central</b> .....	48, 293	47, 108	46, 831	California.....	7, 947	7, 533	7, 526
Minnesota.....	8, 421	8, 333	8, 263	Alaska.....	536	567	565
Iowa.....	8, 950	8, 585	8, 544	Hawaii.....	192	25	25

Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States*, and, beginning 1956, *Transport Statistics in the United States*, Part 1.

## No. 722.—RAILWAYS—EQUIPMENT IN SERVICE: 1950 TO 1956

ITEM	1950	1953	1954	1955	1956
Locomotives.....	42,951	37,251	35,033	33,533	32,593
Steam.....	26,680	12,274	9,041	6,266	3,918
Electric.....	827	713	669	639	616
Diesel.....	15,396	24,209	25,256	26,563	28,001
Other.....	48	55	67	65	58
New units installed <sup>1</sup> .....	3,215	2,141	1,126	1,097	1,210
Freight cars <sup>2</sup> .....	1,745,778	1,801,874	1,761,386	1,723,747	1,738,631
Box.....	718,150	740,267	724,947	723,962	733,630
Gondola and hopper.....	874,801	905,803	879,282	845,809	850,579
Other.....	152,827	155,804	157,157	153,976	154,422
Aggregate capacity <sup>1</sup> .....1,000 tons..	90,465	95,075	93,196	91,229	92,161
Average capacity <sup>1</sup> .....tons..	52.6	53.5	53.7	53.7	54.0
New units installed <sup>1</sup> .....	40,032	67,229	26,243	29,070	55,682
Passenger-train cars.....	37,359	34,106	33,035	32,118	30,817
Coaches.....	16,488	14,460	14,210	13,543	12,867
Average seating capacity <sup>1</sup> .....	75	74	74	75	75
Baggage, express, and other nonpassenger.....	13,817	13,481	12,890	13,388	11,146
Other.....	7,054	6,165	5,935	5,187	6,804
New units installed <sup>1</sup> .....	1,078	329	351	412	391

<sup>1</sup> Class I roads.   <sup>2</sup> Excludes caboose cars.Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1.

## No. 723.—RAILWAYS (CLASS I)—FUEL AND POWER CONSUMED AND RAILS AND TIES LAID: 1950 TO 1956

[Line-haul railroads only. See text, p. 561, for explanation of change in class limits beginning 1956]

ITEM	1950	1954	1955	1956
FUEL CONSUMED				
Coal.....1,000 short tons..	55,452	12,702	11,427	8,582
Fuel oil.....1,000,000 gal..	2,284	467	376	191
Diesel oil.....do.....	1,827	3,121	3,393	3,566
Electricity.....1,000,000 kwh..	2,260	2,045	2,082	2,091
RAILS AND TIES LAID				
Rails (replacement and betterment).....1,000 long tons..	2,191	1,711	1,890	1,885
Ties (in previously constructed tracks):				
Cross-ties.....1,000.....	30,494	23,174	24,149	23,646
Switch and bridge ties.....1,000 ft. b. m..	98,400	85,346	79,098	74,100

## No. 724.—RAILWAYS (CLASS I)—OPERATING REVENUES, EXPENSES, AND CAPITAL EXPENDITURES: 1950 TO 1957

[In millions of dollars. See text, p. 561, for explanation of change in class limits beginning 1956]

ITEM	1950	1953	1954	1955	1956	1957 (prel.)
Operating revenues.....	9,473	10,664	9,371	10,107	10,551	10,491
Freight.....	7,817	8,951	7,798	8,539	8,951	8,929
Passenger.....	813	842	767	743	737	735
Mail.....	374	310	307	287	287	292
Express.....	81	134	115	118	119	97
Other.....	387	428	383	420	437	438
Operating expenses.....	7,059	8,135	7,384	7,641	8,108	8,228
Maintenance, total.....	2,995	3,566	3,082	3,172	3,298	3,344
Way and structures.....	1,287	1,584	1,352	1,387	1,405	1,431
Equipment.....	1,708	1,982	1,730	1,785	1,893	1,913
Traffic.....	192	231	228	236	255	260
Transportation, rail line.....	3,491	3,872	3,623	3,768	4,043	4,095
Miscellaneous operations.....	110	121	115	108	111	104
General.....	271	345	337	357	401	426
Operating income.....	1,219	1,344	1,126	1,385	1,322	1,195
Net revenue from railway operations.....	2,414	2,529	1,987	2,466	2,443	2,264
Railway tax accruals.....	1,195	1,185	861	1,081	1,121	1,068
Net railway operating income.....	1,040	1,109	874	1,129	1,068	922
Ratio of expenses to revenues (percent).....	74.5	76.3	78.8	75.6	76.8	78.4
Expenditures for capital improvements, total.....	1,065	1,260	821	908	1,227	1,394
Equipment.....	779	858	499	568	821	1,008
Roadway and structures.....	286	402	322	340	406	386

Source of tables 723 and 724: Interstate Commerce Commission; annual report.



## No. 725.—RAILWAYS (CLASS I)—SELECTED FREIGHT STATISTICS: 1950 TO 1957

[Excludes switching and terminal roads. Tons of 2,000 pounds. See text, p. 561, for explanation of change in class limits beginning 1956. See also *Historical Statistics, 1789-1945*, series K 43-52]

ITEM	1950	1954	1955	1956	1957 (prel.)
Average miles of road operated.....	225,339	223,894	222,295	221,845	221,454
Operating revenue.....mil. dol.	7,817	7,798	8,538	8,951	8,929
Per ton-mile.....cents	1.33	1.42	1.37	1.38	1.45
Per ton per road.....dollars	3.04	3.39	3.25	3.31	3.48
Revenue tons:					
Originated.....millions	1,354	1,224	1,396	1,447	1,380
Carried.....do	2,570	2,298	2,602	2,705	2,563
Carried 1 mile.....do	588,578	549,259	623,615	646,623	618,094
Miles per revenue ton per road (average haul)...	229.0	239.0	239.4	239.1	241.2
Freight train miles.....millions	515	447	476	475	447
Freight train car-miles:					
Loaded, revenue and nonrevenue.....do	19,644	18,152	20,099	20,224	19,068
Empty.....do	10,140	10,631	11,054	11,335	11,598
Net ton-miles per train-mile <sup>1</sup> .....	1,224	1,287	1,374	1,422	1,439
Net ton-miles per loaded car-mile <sup>1</sup> .....	31.7	31.4	32.1	33.0	33.4

<sup>1</sup> Revenue and nonrevenue freight.

Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1.

## No. 726.—RAILWAYS (CLASS I)—REVENUE FREIGHT ORIGINATED AND GROSS FREIGHT REVENUE, BY COMMODITY GROUPS: 1940 TO 1957

[Carload freight only, except as specified. See text, p. 561, for explanation of change in class limits beginning 1956. See also *Historical Statistics, 1789-1945*, series K 52-59]

ITEM	1940	1945	1950	1955	1956	1957 (prel.)
REVENUE FREIGHT ORIGINATED (1,000 short tons)						
Total.....	1,009,421	1,424,913	1,354,196	1,396,339	1,447,422	1,380,327
Products of agriculture.....	88,821	159,571	129,175	133,790	138,093	137,618
Animals and their products.....	15,458	23,748	14,321	13,161	13,198	11,074
Products of mines.....	570,218	732,942	746,808	761,993	796,480	769,675
Coal and coke.....	372,663	485,109	420,296	394,394	424,393	422,042
Other.....	197,557	247,833	326,512	367,599	372,087	347,633
Products of forests.....	58,221	75,604	78,860	82,585	87,799	77,498
Manufactures and miscellaneous <sup>1</sup> .....	262,010	412,216	374,145	397,819	405,366	379,020
All less than carload.....	14,692	20,833	10,887	6,993	6,485	5,443
GROSS FREIGHT REVENUE (\$1,000)						
Total.....	3,678,097	6,949,258	8,145,630	8,938,388	9,377,224	9,371,712
Products of agriculture.....	510,083	985,114	1,054,574	1,133,492	1,184,012	1,209,237
Animals and their products.....	172,599	279,443	275,858	294,402	302,005	269,711
Products of mines.....	1,076,419	1,486,683	1,993,687	2,121,426	2,358,261	2,390,167
Coal and coke.....	(2)	1,024,471	1,301,101	1,280,761	1,404,625	1,467,970
Other.....	(2)	462,212	692,586	840,665	893,636	922,197
Products of forests.....	235,865	316,154	380,836	686,821	696,718	654,214
Manufactures and miscellaneous <sup>1</sup> .....	1,435,620	3,495,907	3,887,762	4,421,336	4,563,314	4,596,335
All less than carload.....	247,611	385,958	352,913	280,912	272,314	252,045

<sup>1</sup> Includes forwarder traffic.

<sup>2</sup> Not available.

Source: Interstate Commerce Commission; annual report.

# No. 727.—RAILWAYS (CLASS I)—NUMBER OF CARS OF REVENUE FREIGHT LOADED, BY PRINCIPAL COMMODITIES: 1930 TO 1957

[In thousands. Figures are 52-week totals. See text, p. 561, for explanation of change in class limits beginning 1956]

YEAR	Total	Grain and grain products	Live-stock	Coal	Coke	Forest products	Ore	Miscellaneous	Mdse., less than carload
1930.....	45, 878	2, 265	1, 285	7, 927	488	2, 369	1, 662	17, 681	12, 201
1935.....	31, 504	1, 577	714	6, 145	340	1, 384	1, 036	12, 227	8, 081
1940.....	36, 358	1, 835	685	6, 820	549	1, 800	2, 148	14, 842	7, 679
1945.....	41, 918	2, 734	894	8, 296	695	2, 039	2, 474	19, 258	5, 529
1950.....	38, 903	2, 466	491	7, 240	727	2, 226	2, 529	18, 955	4, 269
1951.....	40, 499	2, 588	497	7, 503	838	2, 363	3, 004	19, 840	3, 866
1952.....	37, 985	2, 565	492	6, 717	673	2, 270	2, 653	18, 924	3, 691
1953.....	38, 216	2, 453	451	6, 371	688	2, 254	3, 143	19, 360	3, 496
1954.....	33, 915	2, 555	447	5, 670	422	2, 085	2, 115	17, 436	3, 185
1955.....	37, 636	2, 633	441	6, 508	616	2, 275	2, 846	19, 087	3, 230
1956.....	37, 845	2, 705	442	7, 007	616	2, 317	2, 749	18, 953	3, 056
1957 (prel.).....	35, 500	2, 674	343	6, 750	575	1, 995	2, 862	17, 551	2, 750

Source: Association of American Railroads, Car Service Division, Washington, D. C.; annual summary, *Cars of Revenue Freight Loaded*. Weekly reports are published currently.

# No. 728.—RAILWAYS (CLASS I)—SELECTED PASSENGER STATISTICS: 1950 TO 1957

[See text, p. 561, for explanation of change in class limits beginning 1956]

ITEM	1950	1954	1955	1956	1957 (prel.)
Average miles of road operated.....	150, 349	124, 541	119, 545	115, 951	112, 724
Passenger revenue.....\$1,000.....	813, 417	767, 283	742, 945	756, 402	735, 127
Revenue per passenger-mile.....cents.....	2. 56	2. 62	2. 60	2. 68	2. 84
Including commutation passengers.....do.....	2. 39	2. 62	2. 60	2. 21	2. 36
Excluding commutation passengers.....do.....	2. 46	2. 73	2. 70	2. 78	2. 95
Revenue passengers carried.....1,000.....	486, 194	439, 356	431, 377	428, 521	411, 179
Revenue passenger-miles.....millions.....	31, 760	29, 286	28, 523	28, 190	26, 889
Revenue passenger-miles per train-mile.....	89	92	95	96. 9	93. 9
Revenue passenger-miles per car-mile.....	17	17	18	18. 1	18. 1
Average journey per passenger per road.....miles.....	65. 3	66. 7	66. 1	65. 8	63. 0
Passenger-train miles.....1,000.....	357, 618	317, 153	298, 602	290, 853	275, 766
Passenger-carrying car-miles.....do.....	1, 854, 737	1, 648, 442	1, 570, 916	1, 553, 228	1, 432, 857

Source: Interstate Commerce Commission; annual report, and *Transport Statistics in the United States*, Part 1.

# No. 729.—RAILWAYS—NUMBER AND COMPENSATION OF EMPLOYEES: 1930 TO 1957

[Excludes switching and terminal roads. See also *Historical Statistics, 1789-1945*, series K 82-83]

YEAR	ALL OPERATING CARRIERS		CLASS I CARRIERS <sup>1</sup>					
	Average number of employees	Total yearly compensation (\$1,000)	Average number of employees	Total hours (1,000)	Total yearly compensation (\$1,000)	Average hours per employee	Average compensation	
							Per hour <sup>2</sup>	Per year
1930.....	1, 517, 043	2, 588, 598	1, 487, 839	3, 759, 772	2, 550, 789	2, 527	\$0. 678	\$1, 714
1935.....	1, 013, 654	1, 666, 229	994, 371	2, 397, 353	1, 326, 879	2, 411	. 686	1, 653
1940.....	1, 045, 738	1, 990, 631	1, 026, 848	2, 615, 905	1, 964, 125	2, 548	. 751	1, 913
1945.....	1, 438, 545	3, 900, 928	1, 419, 505	3, 979, 637	3, 862, 001	2, 804	. 970	2, 721
1950.....	1, 236, 879	4, 644, 890	1, 220, 401	2, 876, 591	4, 594, 423	2, 357	1. 597	3, 765
1951.....	1, 292, 000	5, 328, 072	1, 275, 744	2, 978, 870	5, 272, 975	2, 335	1. 770	4, 133
1952.....	1, 241, 963	5, 382, 489	1, 226, 421	2, 845, 217	5, 326, 804	2, 320	1. 872	4, 343
1953.....	1, 221, 300	5, 380, 828	1, 205, 966	2, 777, 235	5, 324, 951	2, 303	1. 917	4, 415
1954.....	1, 078, 403	4, 906, 584	1, 064, 337	2, 467, 515	4, 853, 660	2, 318	1. 967	4, 560
1955.....	1, 071, 387	5, 045, 278	1, 058, 216	2, 503, 418	4, 993, 662	2, 366	1. 995	4, 708
1956.....	1, 058, 053	5, 387, 631	1, 042, 664	2, 466, 745	5, 324, 672	2, 386	2. 159	5, 108
1957 (prel.).....	( <sup>3</sup> )	( <sup>3</sup> )	986, 001	2, 314, 976	5, 358, 044	2, 348	2. 315	5, 436

<sup>1</sup> See text, p. 561, for explanation of change in class limits beginning 1956.

<sup>2</sup> Calculated for all classes of employees, including those not paid on an hourly basis.

<sup>3</sup> Not available.

Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States*, and, beginning 1954, *Transport Statistics in the United States*, Part 1.

**No. 730.—RAILWAY ACCIDENTS—NUMBER OF PERSONS KILLED AND INJURED, BY  
STATUS: 1921 TO 1956**

[As of December 31. For various reasons, including fact that returns were required under different acts, statistics are not strictly comparable. From 1921-47 train accidents were those causing damage to railway property in excess of \$150 with or without a casualty; for 1948, accidents causing damages in excess of \$250, with or without a casualty, were classified as train accidents; for 1949-50, train accidents were those causing damage of \$275 or more; in 1951, \$300 or more; in 1952, \$325 or more; and beginning 1953, \$350 or more. Where damage was less than the amounts specified and there was a reportable casualty it was classified as a train-service accident. Covers all reportable accidents, including those due to suicide, mental derangement, and attempting to escape custody. See also *Historical Statistics, 1789-1945*, series K 84-93]

YEARLY AVERAGE OR YEAR	TOTAL		PASSENGERS <sup>1</sup>		EMPLOYEES		OTHER PERSONS		TRESPASSERS	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1921-1925.....	6,618	141,688	173	5,578	1,654	123,790	2,225	9,420	2,566	2,901
1926-1930.....	6,623	89,543	101	3,667	1,395	73,522	2,606	9,822	2,521	2,532
1931-1935.....	5,127	29,834	38	1,995	589	18,222	1,811	6,529	2,688	3,087
1936-1940.....	4,987	31,292	56	2,533	613	19,765	1,866	6,883	2,452	2,111
1941-1945.....	5,060	53,813	174	4,274	989	41,223	2,059	7,038	1,838	1,278
1946-1950.....	3,918	41,868	97	3,706	598	30,778	1,777	6,243	1,446	1,141
1951-1955.....	2,969	29,411	55	2,447	336	20,401	1,566	5,637	1,012	926
1947.....	4,285	48,819	79	4,246	791	36,880	1,903	6,502	1,512	1,191
1948.....	3,883	43,107	59	3,607	622	31,961	1,726	6,409	1,476	1,130
1949.....	3,426	32,123	37	2,545	450	22,993	1,614	5,506	1,325	1,079
1950.....	3,486	33,267	180	3,419	392	22,586	1,669	6,129	1,245	1,133
1951.....	3,459	34,454	150	3,184	432	24,266	1,693	5,993	1,184	1,011
1952.....	3,011	30,001	24	2,049	386	21,339	1,522	5,669	1,079	944
1953.....	3,039	29,214	49	2,503	343	20,170	1,571	5,577	1,076	964
1954.....	2,575	25,647	30	2,247	235	17,219	1,399	5,181	911	900
1955.....	2,761	27,840	24	2,253	282	19,011	1,646	5,765	809	811
1956.....	2,578	28,676	57	2,756	288	19,608	1,394	5,435	830	877

<sup>1</sup> Data cover passengers on trains and travelers not on trains. Casualties sustained in nontrain accidents included with "Other persons."

Source: Interstate Commerce Commission; annual report, *Accident Bulletin*.

**No. 731.—ACCIDENTS AT HIGHWAY GRADE CROSSINGS (ALL RAILWAYS)—AUTO-  
MOBILE AND TOTAL CASUALTIES: 1935 TO 1956**

[Excludes casualties due to suicide, mental derangement, and attempting to escape custody. See also headnote, table 730]

YEAR	Number of acci- dents	ALL PERSONS		ACCIDENTS WHICH INVOLVED AUTOMOBILES		Total cas- ualties per 10,000 auto- mobiles registered
		Number killed	Number injured	Persons killed	Persons injured	
1935.....	3,933	1,680	4,655	1,442	4,434	2.21
1940.....	4,104	1,808	4,632	1,576	4,430	1.88
1945.....	4,100	1,903	4,446	1,577	4,126	1.86
1946.....	4,001	1,851	4,397	1,558	4,137	1.68
1947.....	4,015	1,790	4,251	1,521	4,055	1.49
1948.....	3,964	1,612	4,255	1,355	4,054	1.33
1949.....	3,523	1,507	3,774	1,307	3,607	1.11
1950.....	4,000	1,576	4,368	1,393	4,206	1.15
1951.....	3,995	1,578	4,335	1,396	4,161	1.08
1952.....	3,502	1,407	3,904	1,249	3,752	0.95
1953.....	3,675	1,494	3,815	1,319	3,688	0.90
1954.....	3,336	1,303	3,426	1,151	3,314	0.76
1955.....	3,846	1,446	4,014	1,313	3,886	0.83
1956.....	3,639	1,338	3,755	1,202	3,629	0.74

Source: Interstate Commerce Commission; annual report, *Accident Bulletin*.

## No. 732.—TRANSIT INDUSTRY—SUMMARY: 1935 TO 1956

[Calendar years except as noted. Comprises all organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (a) local motorbus lines, (b) electric street railways, (c) elevated and subway lines, (d) interurban electric railways, and (e) trolley coach lines. Based on financial and statistical reports received by American Transit Association from transit companies representing more than 85 percent of the industry]

ITEM	1935	1940	1945	1950	1952	1953	1954	1955	1956
Operating companies.....	(1)	(1)	1,253	1,406	1,620	1,605	1,587	1,483	1,326
Motor bus companies <sup>2</sup> .....	(1)	(1)	1,164	1,354	1,578	1,565	1,550	1,450	1,305
Miles of route operated (Dec. 31):									
Electric railway—miles of single track.....	26,700	19,602	17,702	10,813	8,532	7,352	6,765	6,197	5,746
Surface.....	25,470	18,360	16,480	9,590	7,309	6,126	5,547	4,976	4,495
Subway and elevated.....	1,230	1,242	1,222	1,223	1,223	1,226	1,218	1,221	1,251
Trolley coach—miles of negative overhead wire.....	548	1,925	2,313	3,513	3,736	3,663	3,630	3,428	3,293
Motorbus—miles of route round trip.....	58,100	78,000	90,400	98,000	99,600	100,000	99,000	99,800	100,700
Passenger vehicles owned (Dec. 31):									
Electric railway cars.....	74,844	75,464	89,758	86,310	82,336	78,875	76,198	73,089	70,373
Surface.....	50,466	37,662	36,377	22,986	19,176	17,234	15,600	14,532	13,225
Subway and elevated.....	40,050	26,630	26,160	13,228	9,700	7,990	6,400	5,300	3,970
Trolley coaches.....	10,416	11,032	10,217	9,758	9,476	9,244	9,200	9,232	9,255
Motor buses.....	578	2,802	3,711	6,504	7,180	6,941	6,598	6,157	5,748
Investment (Dec. 31).....mil. dol.	(1)	4,096	4,262	3,918	3,910	3,900	3,863	3,821	3,797
Electric railway.....do.	(1)	3,588	3,620	3,060	2,992	2,980	2,942	2,902	2,880
Surface.....do.	(1)	1,574	1,570	913	801	780	692	616	577
Subway and elevated.....do.	(1)	2,014	2,050	2,147	2,191	2,220	2,250	2,286	2,303
Trolley coach.....do.	(1)	58	76	144	172	170	165	160	148
Motorbus.....do.	(1)	450	566	714	746	750	756	759	769
Operating finances:									
Operating revenue.....do.	681	737	1,380	1,452	1,501	1,513	1,472	1,426	1,416
Operating expenses.....do.	535	598	1,067	1,297	1,370	1,371	1,337	1,277	1,271
Percent of revenue.....do.	78.50	81.14	77.31	89.30	91.23	90.59	90.86	89.55	89.79
Net revenue.....mil. dol.	146	139	313	155	132	142	135	149	145
Taxes (all).....do.	50	63	164	89	102	97	90	93	89
Operating income.....do.	96	76	149	66	30	45	45	56	56
Percent of revenue.....do.	14.09	10.35	10.77	4.57	1.98	2.98	3.05	3.91	3.93
Operating revenues.....mil. dol.	681	737	1,380	1,452	1,501	1,513	1,472	1,426	1,416
Electric railway.....do.	520	456	710	578	494	490	473	440	411
Surface.....do.	388	328	500	362	280	251	204	177	139
Subway and elevated.....do.	132	128	149	216	214	239	269	264	271
Trolley coach.....do.	5	25	68	122	147	151	142	131	128
Motorbus.....do.	156	256	803	752	860	872	857	856	878
Revenue vehicle miles operated millions.....	2,312	2,596	3,254	3,008	2,814	2,696	2,549	2,448	2,367
Electric railway.....do.	1,586	1,316	1,398	907	722	665	591	561	520
Surface.....do.	1,148	845	940	463	321	274	215	178	133
Subway and elevated.....do.	439	471	458	443	400	391	376	383	387
Trolley coach.....do.	15	86	133	206	215	212	197	177	160
Motorbus.....do.	711	1,194	1,723	1,895	1,878	1,819	1,761	1,710	1,681
Passengers carried.....do.	12,226	13,098	23,254	17,246	15,119	13,902	12,392	11,529	10,941
Electric railway.....do.	9,512	8,325	12,124	6,168	4,801	4,076	3,401	3,077	2,756
Surface.....do.	7,276	6,943	9,426	3,904	2,477	2,036	1,489	1,207	876
Subway and elevated.....do.	2,236	2,382	2,698	2,264	2,124	2,040	1,912	1,870	1,880
Trolley coach.....do.	96	534	1,244	1,668	1,640	1,566	1,367	1,202	1,142
Motorbus.....do.	2,618	4,239	9,886	9,420	8,878	8,260	7,624	7,250	7,043
Revenue passengers carried.....do.	9,782	10,504	18,982	13,845	12,022	11,036	9,858	9,189	8,756
Electric railway.....do.	7,408	6,465	9,636	4,903	3,696	3,066	2,820	2,586	2,374
Surface.....do.	5,156	4,183	7,081	2,790	1,714	1,403	1,039	845	625
Subway and elevated.....do.	2,252	2,282	2,555	2,113	1,982	1,903	1,781	1,741	1,748
Trolley coach.....do.	77	419	1,001	1,261	1,201	1,137	993	869	814
Motorbus.....do.	2,297	3,620	8,345	7,681	7,125	6,593	6,045	5,734	5,538
Number of employees (average).....	209,200	202,400	242,000	240,000	227,000	220,000	211,000	198,000	186,000
Electric railway.....do.	164,400	122,500	129,200	90,900	82,000	75,000	71,000	66,000	58,000
Trolley coach.....do.	1,300	6,400	8,500	15,400	18,000	19,000	18,000	16,000	15,000
Motorbus.....do.	43,500	73,500	104,300	133,700	127,000	126,000	122,000	116,000	113,000
Payroll, total.....mil. dol.	321	360	632	835	903	913	895	864	852
Average annual earnings per employee.....dollars..	1,536	1,773	2,612	3,479	3,978	4,150	4,242	4,364	4,581

<sup>1</sup> Not available.

<sup>2</sup> Includes companies which do not operate motor buses exclusively; that is, those which have combined services such as trolley coach and motor bus, etc.

Source: American Transit Association, New York, N. Y.; annual report, *Transit Fact Book*.

No. 733.—MOTORBUS LINES—SUMMARY OF OPERATIONS OF COMMON CARRIERS AND SCHOOL BUSES: 1945 TO 1957

ITEM	1945	1950	1953	1954	1955	1956 <sup>1</sup>	1957
<b>COMMON CARRIER BUS OPERATIONS</b>							
Number of operating companies (Dec. 31):							
City and city suburban.....	1,811	1,638	1,550	1,575	1,575	1,527	1,540
Intercity.....	2,645	2,858	2,650	2,625	2,600	1,912	1,700
Number of buses (Dec. 31):							
City and city suburban.....	50,625	57,570	56,400	55,700	55,200	52,400	51,800
Intercity.....	31,250	28,711	28,500	27,600	27,200	26,000	23,450
Miles of highway covered (Dec. 31): <sup>2</sup>							
City and city suburban.....	39,300	53,310	60,300	61,700	60,600	75,950	80,260
Intercity.....	363,000	400,284	404,500	393,300	410,000	297,960	250,400
Total bus miles (millions):							
City and city suburban.....	1,605	1,882	1,831	1,743	1,711	1,225	1,222
Intercity.....	1,560	1,500	1,527	1,436	1,375	1,727	1,650
Revenue passengers, line service (millions):							
City and city suburban <sup>3</sup>	8,650	7,750	6,658	6,125	5,758	5,594	5,400
Intercity.....	1,092	815	760	669	612	535	516
Operating revenue (\$1,000):							
City and city suburban.....	644,500	798,933	912,569	893,405	880,987	915,257	893,300
Intercity.....	576,000	510,815	569,867	530,312	527,660	514,500	540,200
Taxes assignable to operations (\$1,000): <sup>4</sup>							
City and city suburban.....	63,400	62,025	74,795	77,100	76,259	78,143	75,800
Intercity.....	41,350	42,508	44,235	42,530	43,678	41,650	44,150
Net operating revenue (\$1,000):							
City and city suburban.....		8,540	19,206	15,653	21,597	29,400	30,800
Intercity.....		37,962	51,842	34,619	36,182	36,825	36,350
Number of employees (Dec. 31): <sup>5</sup>							
City and city suburban.....		129,043	123,900	121,200	115,600	117,000	116,750
Intercity.....		66,570	62,100	61,200	58,417	53,300	52,900
<b>SCHOOL BUS OPERATIONS</b>							
Number of schools and school districts using buses.....	40,000	43,813	45,480	45,266	44,233	42,364	47,157
Number of buses.....	80,000	104,179	130,508	134,972	137,552	142,977	150,150
Total bus-miles..... millions..	1,725		1,023	1,089	1,148	1,200	1,239
Children carried daily.....1,000..	4,700	6,264	7,950	8,499	9,053	9,682	10,080
Cost of service annually.....\$1,000..	93,500	180,183	267,578	295,718	312,730	329,078	340,000

<sup>1</sup> Beginning 1956, not exactly comparable with earlier years as a number of short-haul intercity companies were reclassified as city-suburban.

<sup>2</sup> Includes duplication between carriers.

<sup>3</sup> Includes revenue transfer passengers.

<sup>4</sup> Excludes income taxes.

<sup>5</sup> Operating companies only.

Source: McGraw-Hill Publishing Co., Inc., New York, N. Y.; after 1956 published in *Fleet Owner*. (Earlier years published in predecessor magazine, *Bus Transportation*.)

# No. 734.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1950 TO 1956

[All money figures in thousands of dollars, except revenue and expense per vehicle-mile. See text, p. 561, for explanation of change in class limits beginning 1956]

ITEM	1950	1953	1954	1955	1956
Number of carriers reporting.....	1,621	2,027	2,110	2,244	2,293
Investment in carrier operating property.....	747,756	1,190,650	1,289,654	1,514,971	1,706,171
Reserve for depreciation and amortization.....	309,430	586,048	652,879	735,704	816,444
Income statement:					
Operating revenue, total.....	2,379,713	3,493,326	3,431,017	4,030,291	3,571,242
Common carrier.....	2,180,779	3,176,413	3,107,870	3,621,933	3,317,787
Contract carrier.....	143,771	229,642	238,142	294,444	174,161
Other operating revenue.....	55,164	87,271	85,005	113,914	79,294
Expenses, total.....	2,215,006	3,360,302	3,323,108	3,869,852	3,439,177
Operation and maintenance expenses.....	1,968,089	3,057,834	2,991,909	3,496,521	3,099,668
Depreciation and amortization <sup>2</sup> .....	84,497	133,043	144,726	157,197	142,384
Operating taxes and licenses <sup>3</sup> .....	103,408	169,425	186,473	216,134	197,125
Operating rents, net.....	59,012				
Operating ratio (percent expenses of operating revenue).....	93.1	96.2	96.9	96.0	96.3
Net operating revenue.....	164,707	133,024	107,909	160,439	132,065
Lease of distinct operating unit—Net.....	540	561	476	879	(1)
Other income, less income deductions.....	5,603	18,398	18,527	13,763	16,889
Net income before income taxes.....	158,565	119,071	94,906	145,697	115,176
Net income after income taxes.....	92,682	60,193	54,017	82,213	63,581
Dividend appropriations and withdrawals <sup>4</sup> .....	23,482	25,311	29,636	28,547	25,116
Operating statistics and averages:					
Owned revenue vehicles, total <sup>5</sup> .....	191,243	251,437	259,908	288,668	304,322
Intercity vehicle-miles..... millions.....	5,352	6,802	6,538	7,559	7,529
Tons of intercity revenue freight carried <sup>6</sup> ..... 1,000.....	212,997	270,208	271,367	313,583	330,394
Miles per owned vehicle.....	53,833	50,010	49,667	53,008	51,409
Revenue per vehicle-mile (intercity) <sup>7</sup> .....	\$0.434	\$0.501	\$0.512	\$0.518	\$0.554
Expense per vehicle-mile (intercity) <sup>7</sup> .....	\$0.414	\$0.494	\$0.508	\$0.512	\$0.550

<sup>1</sup> Not available.

<sup>2</sup> Amortization represents a very small part of this total.

<sup>3</sup> Excludes Federal and State income taxes.

<sup>4</sup> Withdrawals of sole proprietors and partners.

<sup>5</sup> Excludes equipment used under lease, including operations conducted under "purchased transportation" arrangements.

<sup>6</sup> Includes duplications on account of tonnage received from connecting motor carriers.

<sup>7</sup> Basic figures include expenses of operating vehicles in local services not available separately.

# No. 735.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SELECTED OPERATING STATISTICS, BY REGIONS: 1954 AND 1955

[See text, p. 561. Regions: 1, Conn., Maine, Mass., N. H., R. I., Vt.; 2, Del., D. C., Md., N. J., N. Y., Pa., W. Va.; 3, Ill., Ind., Mich. (Lower Pen.), Ohio; 4, Ala., Fla., Ga., Ky., Miss., N. C., S. C., Tenn., Va.; 5, Mich. (Upper Pen.), Minn., N. Dak., S. Dak., Wis.; 6, Iowa, Kans., Mo., Nebr.; 7, Ark., La., Okla., Tex.; 8, Colo., Idaho, Mont., N. Mex., Utah, Wyo.; 9, Ariz., Calif., Nev., Oreg., Wash.]

REGION AND YEAR	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	OWNED REVENUE VEHICLES <sup>1</sup>				Intercity vehicle miles (millions)	EMPLOYEES <sup>2</sup>	
				Trucks	Truck-tractors	Semi-trailers	Full trailers		Average number	Compensation (\$1,000)
<b>1954.....</b>	<b>2,110</b>	<b>3,431,017</b>	<b>3,323,108</b>	<b>35,064</b>	<b>82,278</b>	<b>137,105</b>	<b>5,461</b>	<b>6,538</b>	<b>303,828</b>	<b>1,458,841</b>
1. New England.....	176	161,715	158,866	2,727	5,248	8,342	55	221	17,983	83,419
2. Middle Atlantic.....	497	620,679	605,661	6,329	17,239	27,775	201	1,018	58,637	275,157
3. Central.....	534	1,119,455	1,085,780	6,715	20,007	43,257	1,649	2,185	89,455	451,682
4. Southern.....	264	459,104	421,919	5,086	11,661	19,057	42	957	41,153	176,642
5. Northwestern.....	91	130,423	122,417	1,482	3,822	5,333		255	13,732	68,565
6. Midwestern.....	138	259,662	236,641	2,323	5,175	8,666	70	514	19,909	97,525
7. Southwestern.....	148	262,812	252,794	4,052	6,628	9,750	54	559	25,080	112,796
8. Rocky Mountain.....	67	143,160	134,123	1,697	2,316	3,788	341	298	11,210	56,689
9. Pacific.....	195	307,975	294,907	5,653	6,182	11,137	3,049	530	26,629	138,246
<b>1955.....</b>	<b>2,244</b>	<b>4,030,291</b>	<b>3,869,852</b>	<b>37,472</b>	<b>92,073</b>	<b>153,504</b>	<b>5,619</b>	<b>7,559</b>	<b>332,188</b>	<b>1,690,208</b>
1. New England.....	180	169,202	167,630	2,740	5,568	8,704	45	227	18,428	86,873
2. Middle Atlantic.....	537	724,072	699,929	6,780	18,744	30,792	337	1,176	62,789	313,751
3. Central.....	570	1,364,276	1,302,157	5,965	26,881	48,555	1,652	2,612	98,158	535,401
4. Southern.....	287	521,953	498,291	5,550	13,905	21,302	2	1,114	46,098	210,238
5. Northwestern.....	96	155,738	150,633	1,530	4,195	5,976		280	14,695	75,484
6. Midwestern.....	141	276,593	269,732	2,363	5,887	9,319	69	583	20,996	110,849
7. Southwestern.....	152	304,870	288,572	4,212	7,487	10,764	103	650	26,982	128,108
8. Rocky Mountain.....	69	152,635	145,365	1,738	2,551	4,319	335	321	12,192	62,619
9. Pacific.....	212	360,953	347,542	6,594	7,455	13,773	3,076	597	31,850	166,885

<sup>1</sup> See footnote 5, table 734.

<sup>2</sup> Excludes drivers of equipment engaged by these carriers to perform "purchased transportation" service.

Source of tables 734 and 735: Interstate Commerce Commission; annual reports, *Statistics of Class I Motor Carriers*, and, beginning 1954, *Transport Statistics in the United States*, Part 7.

# No. 736.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1950 TO 1956

[All money figures in thousands of dollars, except average fare and revenue and expense per vehicle-mile. See headnote, table 734. Excludes carriers subject to ICC jurisdiction engaged preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers]

ITEM	1950	1953	1954	1955	1956
Number of carriers reporting	172	161	155	146	149
Investment in carrier operating property	286,000	339,695	361,648	372,801	(1)
Reserve for depreciation and amortization	144,489	186,031	194,698	197,076	(1)
Income statement:					
Operating revenue, total	350,751	394,562	362,896	361,644	384,281
Passenger revenue <sup>2</sup>	324,529	351,791	319,286	314,759	330,000
Special bus revenue	11,694	21,991	21,675	22,346	25,758
Other operating revenue	14,528	20,780	21,935	24,539	28,524
Expenses, total	314,773	353,641	331,310	330,598	349,910
Operation and maintenance expenses	254,905	293,050	271,378	269,660	285,392
Depreciation and amortization <sup>3</sup>	27,188	24,705	25,925	27,117	29,290
Operating taxes and licenses <sup>4</sup>	28,649	31,491	30,110	30,347	31,902
Operating rents, net	4,030	4,395	8,896	3,474	8,326
Operating ratio (percent expenses of operating revenue)	89.7	89.6	91.3	91.4	91.1
Net operating revenue	35,978	40,921	31,587	31,046	34,371
Lease of carrier property, net	100	19	69	32	(1)
Other income, less income deductions	759	445	911	1,695	845
Net income before income taxes	35,121	40,487	30,617	29,319	34,026
Net income after income taxes	18,908	18,105	15,017	15,870	16,816
Dividend appropriations and withdrawals <sup>5</sup>	16,088	27,733	28,397	28,345	(1)
Operating statistics and averages:					
Passenger vehicles owned <sup>6</sup>	13,200	12,940	12,314	11,547	(1)
Vehicle-miles of owned and leased passenger vehicles, total <sup>7</sup>	958,530	972,252	886,579	859,207	(1)
Number of revenue passengers carried, total	389,898	350,103	315,919	293,244	(1)
Miles per vehicle <sup>8</sup>	65,411	66,169	64,360	64,128	(1)
Average fare per passenger, per carrier, intercity service	\$1.010	\$1.243	\$1.292	\$1.370	(1)
Passenger revenue per vehicle-mile, regular route intercity	\$0.346	\$0.376	\$0.375	\$0.381	(1)
Expense per vehicle-mile <sup>9</sup>	\$0.328	\$0.363	\$0.373	\$0.384	(1)

<sup>1</sup> Not available.

<sup>2</sup> Regular route intercity and local revenue.

<sup>3</sup> Amortization represents a very small part of this total.

<sup>4</sup> Excludes Federal and State income taxes.

<sup>5</sup> Withdrawals of sole proprietors and partners.

<sup>6</sup> Total vehicles owned at close of year.

<sup>7</sup> Includes bus-miles of vehicles operated under "purchased transportation" arrangements.

<sup>8</sup> Averages for owned and leased vehicles.

<sup>9</sup> See footnote 7, table 734.

# No. 737.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SELECTED OPERATING STATISTICS, BY REGIONS: 1954 AND 1955

[See headnote, table 736; for description of regions, see headnote, table 735]

REGION AND YEAR	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	PASSENGER VEHICLES		REGULAR-ROUTE INTERCITY			EMPLOYEES	
				Total <sup>1</sup>	Inter-city <sup>2</sup>	Vehicle-miles (1,000)	Revenue passengers carried (1,000)	Average fare per passenger, per carrier	Average number	Compensation (\$1,000)
1954	155	362,896	331,310	13,585	12,429	798,611	231,849	\$1.292	37,317	160,705
1. New England	10	7,267	7,520	344	335	17,386	5,195	1.189	888	3,563
2. Middle Atlantic	35	44,826	44,229	1,860	1,494	76,306	45,193	1.706	4,810	20,622
3. Central	31	72,443	67,767	2,744	2,373	151,242	45,159	1.320	7,820	33,842
4. Southern	27	90,878	78,939	3,206	3,154	209,542	66,577	1.192	8,858	35,828
5. Northwestern	4	13,807	13,307	501	501	33,147	7,688	1.509	1,431	6,637
6. Midwestern	5	18,131	16,564	506	506	42,056	7,993	1.997	1,706	7,909
7. Southwestern	25	56,522	52,322	2,594	2,565	151,192	30,253	1.611	6,000	25,890
8. Rocky Mountain	8	3,932	3,550	237	236	9,513	1,635	2.040	377	1,671
9. Pacific	10	55,089	47,113	1,593	1,265	108,227	22,156	1.930	5,427	25,742
1955	146	361,644	330,598	13,127	12,057	773,167	215,224	1.370	35,709	158,932
1. New England	8	3,727	3,727	186	177	8,674	2,880	1.059	453	1,789
2. Middle Atlantic	34	44,263	42,809	1,741	1,348	71,339	40,729	1.754	4,504	19,408
3. Central	28	76,121	71,612	2,712	2,395	155,829	45,289	1.375	7,922	35,782
4. Southern	25	85,449	74,919	3,126	3,072	188,769	58,342	1.261	8,058	33,513
5. Northwestern	4	14,096	13,784	496	496	32,907	7,311	1.607	1,399	6,655
6. Midwestern	5	18,047	16,828	491	491	40,902	7,512	2.088	1,633	7,740
7. Southwestern	25	58,949	54,119	2,591	2,584	155,908	29,454	1.711	5,965	25,871
8. Rocky Mountain	7	3,955	3,358	244	243	9,284	1,643	2.008	365	1,654
9. Pacific	10	56,993	49,441	1,540	1,251	109,555	22,063	2.002	5,410	28,520

<sup>1</sup> Comprises average number operated in intercity service during year and number owned in local operations at close of year.

<sup>2</sup> Comprises vehicles owned, leased, and operated under "purchased transportation" arrangements, operated in intercity revenue service.

Source of tables 736 and 737: Interstate Commerce Commission; annual reports, *Statistics of Class I Motor Carriers*, and, beginning 1954, *Transport Statistics in the United States*, Part 7.

## No. 738.—SUMMARY OF CIVIL FLYING: 1934 TO 1957

[As of Dec. 31 or for year ending Dec. 31. See also *Historical Statistics, 1789-1945*, series K 246-273]

ITEM	1934	1940	1945	1950	1955	1956	1957
Miles of civil airways: <sup>1 2</sup>							
Equipped with low/medium frequency radio aids	19,081	32,100	43,285	70,253	67,770	67,783	64,817
Equipped with very high frequency radio aids					81,209	90,268	104,484
Total civil aircraft <sup>1 3</sup>	8,322	17,928	37,789	92,809	86,320	87,531	93,189
Active aircraft	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	60,921	60,432	64,688	67,153
Hours flown <sup>5</sup>	1,000	3,200	( <sup>4</sup> )	9,650	9,500	10,000	( <sup>4</sup> )
Business <sup>7</sup>	121	314	( <sup>4</sup> )	2,750	4,300	4,600	( <sup>4</sup> )
Commercial <sup>8</sup>	207	387	( <sup>4</sup> )	1,500	1,950	2,000	( <sup>4</sup> )
Instructional	217	1,529	( <sup>4</sup> )	3,000	1,275	1,300	( <sup>4</sup> )
Pleasure	301	970	( <sup>4</sup> )	2,300	1,975	2,100	( <sup>4</sup> )
Other	do.	do.	( <sup>4</sup> )	100			( <sup>4</sup> )
Miles flown <sup>5</sup>	1,000	75,602	264,000	( <sup>4</sup> )	1,061,500	1,216,000	1,310,000
Business <sup>7</sup>	do.	11,697	25,910	( <sup>4</sup> )	339,700	627,800	688,000
Commercial <sup>8</sup>	do.	20,980	31,961	( <sup>4</sup> )	180,500	245,700	256,000
Instructional	do.	17,360	126,264	( <sup>4</sup> )	286,600	120,650	127,000
Pleasure	do.	25,565	79,865	( <sup>4</sup> )	244,100	221,850	239,000
Other	do.	do.	( <sup>4</sup> )	10,600			( <sup>4</sup> )
Fuel consumed: <sup>5</sup>							
Gasoline	1,000 gal.	9,631	22,400	( <sup>4</sup> )	131,200	190,000	205,000
Oil	do.	349	600	( <sup>4</sup> )	2,916	4,222	3,535
Certificated airplane pilots	13,949	69,829	296,895	( <sup>4</sup> )	643,201	669,079	( <sup>4</sup> )
Airline transport	676	1,431	5,815	( <sup>4</sup> )	13,700	15,295	( <sup>4</sup> )
Commercial	7,484	18,791	162,873	( <sup>4</sup> )	211,142	221,096	( <sup>4</sup> )
Private	5,789	49,607	128,207	( <sup>4</sup> )	418,359	432,688	( <sup>4</sup> )
Other certificated airmen:							
Glider pilots	109	138	2,438	( <sup>4</sup> )	3,659	3,789	( <sup>4</sup> )
Mechanics	8,156	11,177	27,272	( <sup>4</sup> )	91,001	95,436	( <sup>4</sup> )
Parachute riggers	358	444	1,029	( <sup>4</sup> )	2,859	2,971	( <sup>4</sup> )
Ground instructors	59	1,948	15,195	( <sup>4</sup> )	27,080	27,394	( <sup>4</sup> )
Aids to air navigation: <sup>1 2</sup>							
Radio range stations	112	292	360	749	768	783	814
Low/medium frequency	112	290	344	378	344	342	332
Very high frequency		2	16	371	424	441	482
Nondirectional radio beacons	73	48	88	141	175	180	185
Airport towers			107	172	100	103	110
Airways centers		11	29	31	31	79	33
Combined station/towers					75	79	81
Air traffic communications stations	205	365	438	451	364	358	356
Instrument landing systems		1	9	96	157	160	165
Airports in operation <sup>9</sup>	2,297	2,331	4,026	6,403	6,839	17,028	16,412
Public <sup>10</sup>					2,713	2,889	3,217
Limited <sup>10</sup>					4,126	4,139	3,195
Lighted airports	664	776	1,007	1,670	1,247	1,399	1,713
Aircraft accidents (non-air-carrier) <sup>11</sup>	1,491	3,471	4,652	4,505	3,342	3,474	3,441
Aircraft destroyed	387	433	792	1,527	708	687	604
Substantial damage	1,113	2,505	3,818	2,947	2,508	2,738	2,780
Minor and no damage	19	533	42	31	36	49	57
Degree of injury to persons in aircraft accidents (non-air-carrier):							
Fatal	323	359	508	871	622	669	692
Severe	139	327	446	546	348	343	325
Minor and no injury	2,226	4,744	6,296	6,263	4,932	5,263	5,084

<sup>1</sup> Continental United States, and Territories and possessions.<sup>2</sup> Federal airways. <sup>3</sup> Includes gliders.<sup>4</sup> Not available. <sup>5</sup> Excludes all aircraft operated by scheduled airlines and by CAA.<sup>6</sup> Data statistically computed from trend, since no formal survey was conducted.<sup>7</sup> Includes flying for corporate or executive purposes as well as flying by individuals, including farmers and ranchers, on personal business.<sup>8</sup> Includes contract, charter, industrial, and commercial agricultural flying.<sup>9</sup> Existing airports and airfields recorded with CAA. "Limited" includes seaplane bases and heliports.<sup>10</sup> See footnote 4, table 748, for current definitions.<sup>11</sup> For 1934, detail shown is number of planes involved in accidents; for other years, number of accidents.Source: Department of Commerce, Civil Aeronautics Administration and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.



## No. 739.—SCHEDULED AIR CARRIERS—SUMMARY OF OPERATIONS: 1934 to 1957

[As of Dec. 31 or for year ending Dec. 31, except as noted. See also *Historical Statistics, 1789-1945*, series K 246-273.]

ITEM	1934	1940	1945	1950	1955	1956	1957
Number of operators:							
Domestic.....	24	19	20	38	31	30	30
International.....	2	3	4	12	15	13	14
Route miles in operation:							
Domestic <sup>1</sup> .....	50,801	95,079	87,401	183,841	192,997	197,883	220,641
Domestic <sup>1</sup> .....	28,609	42,757	48,516	77,440	78,992	84,189	88,248
International <sup>2</sup> .....	22,192	52,322	38,885	106,401	114,005	113,694	132,393
Aircraft in service.....	522	437	518	1,120	1,359	1,543	1,664
Domestic.....	423	369	421	960	1,212	1,347	1,494
Single-engine.....			11	29	19	20	26
Twin-engine.....			405	571	645	691	703
Four-engine.....			5	360	548	636	765
International.....	99	68	97	160	147	196	170
Twin-engine.....			71	35	23	20	12
Four-engine.....			26	125	124	176	158
Average available seats: <sup>3</sup>							
Domestic.....	8.86	16.54	19.68	37.47	51.60	52.43	54.02
International.....	( <sup>4</sup> )	18.28	18.91	40.96	56.33	59.03	61.88
Average speed (miles per hour):							
Domestic.....	( <sup>4</sup> )	( <sup>4</sup> )	155.4	181.2	209.0	212.6	216.1
International.....	( <sup>4</sup> )	( <sup>4</sup> )	150.7	218.4	245.4	249.1	254.0
Fuel consumed:							
Gasoline.....1,000 gal.....	25,136	74,535	159,911	572,246	1,140,447	1,279,357	1,465,040
Domestic.....do.....	18,925	65,675	134,824	418,442	902,936	1,004,732	1,159,208
International.....do.....	6,211	8,860	25,087	153,804	237,511	274,625	305,832
Oil.....do.....	839	1,288	2,025	6,675	13,832	16,192	18,732
Domestic.....do.....	669	1,104	1,710	5,007	11,811	13,671	15,124
International.....do.....	170	184	316	1,668	2,521	2,521	3,608
Total personnel employed.....	6,477	22,051	68,281	82,786	122,208	131,503	147,190
Domestic.....	4,201	15,984	50,313	61,903	95,548	103,489	119,339
International.....	2,276	6,067	17,968	20,883	26,655	28,014	27,857
Revenue miles flown (all services)							
Domestic.....1,000.....	49,065	119,753	241,578	458,087	752,255	834,520	941,344
Domestic.....do.....	41,526	110,101	208,969	364,256	620,720	687,617	784,751
International.....do.....	7,539	9,652	32,609	93,831	131,535	146,903	156,593
Revenue passengers carried.....	<sup>5</sup> 572	<sup>5</sup> 9,652	<sup>5</sup> 7,052	<sup>5</sup> 19,019	<sup>5</sup> 41,441	<sup>5</sup> 45,687	<sup>5</sup> 52,712
Domestic.....do.....	<sup>5</sup> 475	<sup>5</sup> 2,803	<sup>5</sup> 6,576	<sup>5</sup> 17,345	<sup>5</sup> 38,025	<sup>5</sup> 41,738	<sup>5</sup> 48,564
International.....do.....	<sup>5</sup> 97	<sup>5</sup> 163	<sup>5</sup> 476	<sup>5</sup> 1,675	<sup>5</sup> 3,416	<sup>5</sup> 3,949	<sup>5</sup> 4,148
Revenue passenger-miles flown, domestic.....1,000,000.....	7190	1,052	3,362	8,003	19,819	22,362	25,340
Average passenger-mile rate:							
Domestic.....	\$0.059	\$0.0507	\$0.0495	\$0.0555	\$0.0535	\$0.0532	\$0.0530
International.....	( <sup>6</sup> )	\$0.0883	\$0.0867	\$0.0728	\$0.0669	\$0.0670	\$0.0666
Express and freight, ton-miles flown.....1,000.....	( <sup>6</sup> )	( <sup>6</sup> )	30,914	211,914	319,040	354,470	389,819
Domestic.....do.....	<sup>6</sup> 597	3,476	22,197	151,351	228,071	245,131	266,483
International.....do.....	( <sup>6</sup> )	( <sup>6</sup> )	8,718	60,563	90,969	109,339	123,336
Mail, ton-miles flown:							
Domestic.....do.....	<sup>7</sup> 2,237	10,118	<sup>10</sup> 65,093	47,009	87,445	93,251	98,873
Accidents, domestic: <sup>11</sup>							
Number of accidents.....	71	30	40	39	45	55	52
Revenue miles flown per accident.....1,000.....	585	3,684	5,234	9,859	14,236	13,015	15,783
Total fatalities.....	29	45	88	109	179	156	34
Fatalities per 1,000,000 revenue miles flown.....	0.70	0.41	0.42	0.28	0.28	0.22	0.04
Accidents, international: <sup>11</sup>							
Number of accidents.....	2	6	5	6	5	3	9
Revenue miles flown per accident.....1,000.....	3,770	1,609	6,522	15,986	29,084	57,298	20,493
Total fatalities.....	9		27	56	4		44
Fatalities per 1,000,000 revenue miles flown.....	1.19		0.83	0.58	0.08		0.24

<sup>1</sup> 1934 as of Dec. 31; 1940 and 1945, averages for December; and 1950-57, based on fourth quarter.<sup>2</sup> 1934 and 1940, as of Dec. 31; 1945, average for December; and 1950-57, based on fourth quarter.<sup>3</sup> Obtained by dividing passenger seat miles by revenue miles flown in passenger service.<sup>4</sup> Not available.<sup>5</sup> Data for domestic passengers include duplication.<sup>6</sup> Includes nonrevenue passengers.<sup>7</sup> Includes nonrevenue miles.<sup>8</sup> Excludes Colonial Airlines, Inc., and Hawaiian Airlines, Ltd.<sup>9</sup> Excludes 224,236 ton-miles flown by U. S. Army.<sup>10</sup> Excludes regular mail carried under special contract.<sup>11</sup> Revenue operations accidents.Source: Department of Commerce, Civil Aeronautics Administration and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

# No. 740.—SCHEDULED AIR CARRIERS—AVAILABLE SERVICE AND UTILIZATION, AND TRAFFIC CARRIED: 1946 TO 1957

[In millions]

ITEM	1946 <sup>1</sup>	1949	1950	1951	1952	1953	1954	1955	1956	1957 (prel.)
<b>SERVICE AND UTILIZATION</b>										
Available ton miles.....	1,202	2,151	2,412	2,820	3,349	3,935	4,442	5,234	6,087	7,121
Revenue ton miles.....	787	1,153	1,384	1,729	1,986	2,267	2,530	3,022	3,527	4,032
Ton mile load factor..... percent.....	65.53	53.60	57.39	61.33	58.31	57.60	56.96	57.72	57.95	56.62
Available seat miles.....	9,110	15,350	16,834	20,010	24,115	28,935	33,343	38,545	43,640	51,023
Revenue passenger miles.....	7,049	8,827	10,241	13,202	15,619	18,234	20,599	24,339	27,612	31,243
Passenger load factor..... percent.....	77.37	57.51	60.84	65.98	64.77	63.02	61.78	63.14	63.26	61.23
Revenue plane miles.....	369	463	478	530	590	658	689	782	868	975
<b>TRAFFIC CARRIED (revenue ton-miles)</b>										
<b>Total.....</b>	<b>787</b>	<b>1,153</b>	<b>1,384</b>	<b>1,729</b>	<b>1,986</b>	<b>2,267</b>	<b>2,530</b>	<b>3,022</b>	<b>3,527</b>	<b>4,032</b>
Passenger.....	683	864	1,000	1,283	1,515	1,764	1,988	2,347	2,662	3,011
U. S. mail:										
Priority.....	39	62	69	87	93	97	108	128	137	144
Nonpriority.....						2	11	15	16	17
Express.....	39	77	82	42	42	44	41	51	53	46
Freight.....	15	113	189	254	288	304	312	383	451	508
Charter flights.....		21	22	44	23	27	37	62	105	257
Excess baggage.....	12	17	22	21	25	29	33	37	43	49

<sup>1</sup> Excludes Alaskan and all cargo airlines.Source: Air Transport Association of America, Washington, D. C.; *Airline Traffic and Financial Data*, quarterly review, and records.

# No. 741.—SCHEDULED AIR CARRIERS—OPERATING REVENUES AND EXPENSES: 1945 TO 1957

[In millions of dollars]

ITEM	DOMESTIC AIR CARRIERS					INTERNATIONAL AIR CARRIERS				
	1945	1950	1955	1956	1957	1945	1950	1955	1956	1957
Net operating income.....	34.1	63.2	124.1	99.3	41.4	7.3	11.8	18.6	32.9	26.9
<b>Operating revenues.....</b>	<b>214.7</b>	<b>557.8</b>	<b>1,201.3</b>	<b>1,341.7</b>	<b>1,515.1</b>	<b>69.1</b>	<b>260.1</b>	<b>385.2</b>	<b>453.6</b>	<b>489.3</b>
Passenger.....	166.5	444.5	1,060.6	1,188.8	1,342.6	38.9	160.7	295.4	343.3	378.9
Mail (incl. subsidy).....	33.7	63.8	55.5	61.9	69.7	12.2	55.7	27.2	35.2	28.9
Express and freight.....	10.8	35.1	61.1	62.7	67.2	7.3	21.7	32.0	36.8	41.6
Excess baggage.....	2.3	5.1	12.2	15.0	18.5	1.6	3.2	7.4	8.2	9.1
Other.....	1.4	9.3	11.9	13.2	17.2	9.1	18.9	23.1	30.1	30.8
<b>Operating expenses.....</b>	<b>180.6</b>	<b>494.6</b>	<b>1,077.1</b>	<b>1,242.4</b>	<b>1,473.7</b>	<b>61.8</b>	<b>248.3</b>	<b>366.6</b>	<b>420.8</b>	<b>462.4</b>
Aircraft.....	69.2	241.1	551.7	751.2	906.4	22.9	122.8	171.4	237.9	266.5
Flying operations.....	43.4	141.8	323.2	377.2	464.7	15.3	71.0	109.0	129.1	143.4
Direct maintenance flight equipment.....	16.4	57.8	135.5	261.7	289.5	5.2	26.2	34.9	73.5	72.6
Depreciation flight equipment.....	9.4	41.4	92.9	112.3	152.2	2.4	25.6	27.6	35.3	50.5
Ground and indirect expense.....	111.4	253.6	525.5	491.2	567.3	38.8	125.5	195.1	182.9	195.9

<sup>1</sup> Beginning 1956, includes maintenance formerly reported as ground and indirect expense.

# No. 742.—PERSONNEL OF DOMESTIC SCHEDULED AIR CARRIERS: 1934 TO 1957

[See also *Historical Statistics, 1789-1945*, series K-250, for total personnel]

TYPE OF PERSONNEL	1934	1940	1945	1950	1954	1955	1956	1957 <sup>1</sup>
<b>Total.....</b>	<b>4,201</b>	<b>15,984</b>	<b>50,313</b>	<b>61,903</b>	<b>84,765</b>	<b>95,548</b>	<b>103,489</b>	<b>119,333</b>
Pilots and copilots.....	667	1,939	4,967	5,785	7,803	8,721	9,143	11,430
Other flight personnel.....		18	108	776	1,624	1,721	2,241	3,135
Purser, stewards, stewardesses.....		914	2,075	3,372	5,141	5,919	6,514	7,039
Meteorologists and dispatchers.....		193	2,613	2,450	2,419	2,548	2,614	3,037
Mechanics.....	1,650	4,054	10,844	15,788	20,108	23,776	25,789	28,153
Other hangar and field personnel.....	923	1,880	7,012	9,822	14,575	15,872	17,317	20,406
Office employees.....	961	5,855	19,241	21,894	30,436	34,148	36,841	25,425
All others.....		1,131	3,453	2,016	2,659	2,843	3,030	12,808

<sup>1</sup> Groups not strictly comparable with prior years because of change in reporting procedures.Source of tables 741 and 742: 1934 and 1940, Department of Commerce, Civil Aeronautics Administration and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

## No. 743.—NONCERTIFICATED AIR CARRIERS—SUMMARY OF OPERATIONS: 1953 TO 1956

[In thousands, except number of operators. Noncertificated air carriers are those carriers operating by authority of letters of registration granted by the Civil Aeronautics Board. Includes supplemental and large irregular air carriers, and irregular transport air carriers. Figures shown for military cover activities performed under charter or other contract with the Department of Defense]

ITEM	1953	1954	1955	1956
Number of operators.....	(1)	(1)	50	49
Revenue miles.....	45,672	35,769	40,330	42,331
Commercial.....	17,245	15,153	17,376	15,890
Military.....	28,426	20,616	22,954	26,521
Revenue passengers.....	724	695	789	663
Revenue passenger-miles.....	1,256,911	1,243,030	1,395,682	1,004,052
Commercial.....	650,286	583,410	716,096	628,876
Military.....	606,625	657,620	679,586	375,176
Available seat-miles.....	1,690,433	1,513,213	1,767,162	1,382,573
Revenue cargo ton-miles.....	75,279	52,087	74,601	110,377
Commercial.....	11,036	18,355	21,191	19,202
Military.....	64,243	33,732	53,410	91,115
Available ton-miles.....	239,674	230,865	307,932	268,712
Operating revenue.....	\$70,028	\$54,661	\$76,824	\$67,602
Transport.....	65,604	51,798	66,923	60,925
Passenger.....	21,025	18,325	20,494	17,983
Freight.....	2,651	4,274	3,743	3,135
Contract and charter:				
Commercial.....	6,556	3,250	6,993	6,451
Military.....	35,139	25,673	35,133	35,109
Other.....	323	276	560	247
Other than transport.....	4,334	2,863	9,901	6,677
Operating expenses.....	69,671	58,482	73,067	68,021
Direct flight.....	46,357	39,512	49,149	46,107
Other.....	23,314	18,970	23,918	21,914
Operating profit or loss.....	357	-3,821	3,757	-419

<sup>1</sup> Not available.

Source: Civil Aeronautics Board; records.

## No. 744.—EMPLOYMENT, HOURS, AND EARNINGS IN AIRCRAFT INDUSTRIES (ANNUAL AVERAGES): 1948 TO 1957

ITEM	1948	1950	1952	1953	1954	1955	1956	1957
EMPLOYMENT <sup>1</sup> (1,000)								
Total.....	237.7	281.8	660.7	779.1	764.1	740.5	814.4	878.1
Aircraft.....	158.0	188.4	425.9	472.4	470.0	466.6	499.1	537.5
Aircraft engines and parts.....	48.6	55.8	138.8	174.7	169.4	147.1	165.6	174.3
Aircraft propellers and parts.....	7.7	8.3	14.5	17.7	15.8	13.8	16.9	20.5
Other aircraft parts and equipment.....	23.3	29.3	81.6	114.2	118.9	113.0	132.8	145.8
HOURS AND EARNINGS								
Average weekly earnings:								
Aircraft industries.....	\$60.21	\$67.15	\$79.66	\$82.19	\$85.07	\$89.40	\$94.66	\$95.65
Aircraft engines and parts industries.....	\$63.40	\$71.40	\$86.92	\$87.29	\$85.06	\$88.97	\$97.13	\$98.47
Average hourly earnings:								
Aircraft industries.....	\$1.47	\$1.62	\$1.87	\$1.99	\$2.08	\$2.17	\$2.27	\$2.35
Aircraft engines and parts industries.....	\$1.55	\$1.70	\$1.98	\$2.03	\$2.09	\$2.17	\$2.28	\$2.39
Average weekly hours:								
Aircraft industries.....	41.1	41.4	42.6	41.3	40.9	41.2	41.7	40.7
Aircraft engines and parts industries.....	40.9	42.1	43.9	43.0	40.7	41.0	42.6	41.2

<sup>1</sup> Data for week ending nearest middle of month.

Source: Department of Labor, Bureau of Labor Statistics. Published in CAA Statistical Handbook of Civil Aviation.

# No. 745.—DOMESTIC AIR CARGO—TON-MILES FLOWN, BY TYPE OF CARRIER: 1950 TO 1957

[In thousands of ton-miles. For scheduled combination carriers, comprises express and freight ton-miles; for all-cargo and noncertificated carriers, freight only]

YEAR	Total, all carriers	SCHEDULED COMBINATION CARRIERS <sup>1</sup>			SCHEDULED ALL-CARGO CARRIERS <sup>2</sup>			Non- certificated carriers
		Total	Sched- uled	Non- sched- uled <sup>3</sup>	Total	Sched- uled	Non- sched- uled	
1950.....	229,039	152,327	150,718	1,609	63,599	58,420	5,179	13,113
1951.....	239,547	142,805	142,669	136	79,056	74,610	4,446	17,086
1952.....	256,375	159,673	159,514	159	86,447	81,829	4,618	16,255
1953.....	275,916	176,497	176,428	69	81,330	74,579	6,751	18,089
1954.....	272,726	186,721	186,615	106	62,295	58,089	4,206	23,709
1955.....	367,627	226,689	226,425	264	100,882	88,802	12,080	40,056
1956.....	411,839	243,971	243,653	318	108,299	102,677	5,622	59,569
1957.....	474,034	265,107	264,947	160	158,717	125,649	33,068	50,210

<sup>1</sup> Domestic trunk, local service, and helicopter carriers.

<sup>2</sup> Includes some military ton-miles and may include a small amount of international traffic.

<sup>3</sup> For periods prior to issuance of certificates, comprises operations for only those uncertificated carriers that were ultimately granted certificates.

<sup>4</sup> Civil and military.

Source: Department of Commerce, Civil Aeronautics Administration and Civil Aeronautics Board.

## No. 746.—CIVIL AIRCRAFT SHIPMENTS: 1948 TO 1957

ITEM	1948	1950	1952	1953	1954	1955	1956	1957
Aircraft shipments.....	7,302	3,520	3,509	4,134	3,389	4,820	7,205	6,745
Under 3,000 lbs. airframe weight.....	7,039	3,391	3,057	3,825	3,098	4,575	6,778	6,208
3,000 lbs. airframe weight and over.....	263	129	452	309	291	245	427	537
Airframe weight, total.....1,000 lbs..	10,083	5,961	9,322	10,374	10,494	10,231	16,202	21,369
Value of complete units, total..\$1,000..	114,207	100,097	197,151	244,418	295,738	271,250	454,156	680,746
Aircraft shipments, by size:								
1- and 2-place.....	3,302	1,029	544	753	2,982	786	948	1,088
3- to 5-place.....	3,737	2,362	2,512	3,069		3,586	5,557	4,783
Over 5-place.....	263	129	453	312	407	448	700	784
Aircraft shipments, by horsepower: <sup>1</sup>								
1 to 99.....	2,990	597	85	109	2,968	4,144	225	445
100 to 399.....	4,026	2,789	2,971	3,722		6,057	6,057	5,366
400 and over.....	286	134	453	312	421	676	923	934

<sup>1</sup> Total rated horsepower of all engines.

## No. 747.—CIVIL AIRCRAFT EXPORTS: 1948 TO 1957

ITEM	1948	1950	1952	1953	1954	1955	1956	1957
NUMBER								
New fixed-wing aircraft.....	1,026	456	840	863	639	848	1,118	1,294
Transports.....	91	48	25	87	110	95	151	204
Utility aircraft.....	935	408	815	776	529	749	966	1,086
Commercial and civilian, n. e. c. <sup>1</sup>						4	1	4
Used and surplus utility planes <sup>2</sup>	202	262	303	416	340	800	536	627
Rebuilt, including converted								
Rotary-wing aircraft.....	47	38	37	98	74	66	57	104
New air-cooled reciprocating engines <sup>3</sup>	460	205	551	347	728	897	1,371	1,516
VALUE (\$1,000)								
New fixed-wing aircraft.....	41,536	42,697	23,715	84,646	97,514	88,574	143,940	193,797
Transports.....	37,395	40,444	18,161	79,176	93,010	81,144	132,929	180,651
Utility aircraft.....	4,141	2,253	5,554	5,470	4,504	7,422	11,009	13,141
Commercial and civilian, n. e. c. <sup>1</sup>						8	2	5
Used and surplus utility planes <sup>2</sup>	652	606	1,494	1,484	1,178	37,185	22,932	43,229
Rebuilt including converted								
Rotary-wing aircraft.....	1,933	984	1,411	4,873	4,044	4,165	4,225	11,907
New air-cooled reciprocating engines <sup>3</sup>	326	201	942	708	1,516	2,016	3,529	4,260

<sup>1</sup> "N. e. c." means not elsewhere classified.

<sup>2</sup> Through 1954, excludes those of 3,000 pounds and over, empty airframe weight.

<sup>3</sup> Excludes those of 400 horsepower and over.

Source of tables 746 and 747: Department of Commerce, Civil Aeronautics Administration and Bureau of the Census. Published in *CAA Statistical Handbook of Civil Aviation*.

# No. 748.—CIVIL AIRWAYS MILEAGE, CIVIL AIRCRAFT, AIRPORTS, AND FEDERAL-AID AIRPORT PROGRAM, BY STATES AND FOR TERRITORIES: 1957

[As of December 31, except as noted]

STATE OR TERRITORY	CIVIL AIRWAYS MILEAGE		CIVIL AIRCRAFT <sup>3</sup>		AIRPORTS AND AIRFIELDS <sup>4</sup>			FEDERAL-AID AIRPORT PROGRAM <sup>5</sup> (\$1,000)		
	L/MF <sup>1</sup>	VHF <sup>2</sup>	Total	Active	Total	Public	Limited <sup>6</sup>	Total	Federal funds	Sponsor funds
<b>Total</b> .....	<b>64,817</b>	<b>104,484</b>	<b>93,189</b>	<b>67,153</b>	<b>6,412</b>	<b>3,195</b>	<b>3,217</b>	<b>781,667</b>	<b>384,756</b>	<b>396,911</b>
<b>New England:</b>										
Maine.....	1,101	637	465	330	110	34	76	3,671	1,844	1,827
New Hampshire.....	387	240	243	170	32	13	19	925	461	464
Vermont.....	250	-----	163	108	23	13	10	1,842	917	925
Massachusetts.....	637	782	1,340	947	87	46	41	16,749	7,984	8,765
Rhode Island.....	131	157	189	146	9	6	3	4,892	2,392	2,500
Connecticut.....	463	651	740	524	28	19	9	5,163	2,586	2,577
<b>Middle Atlantic:</b>										
New York.....	1,558	3,876	4,486	3,240	266	96	170	54,884	25,586	29,298
New Jersey.....	699	1,200	1,920	1,269	104	52	52	17,704	8,654	9,050
Pennsylvania.....	2,154	6,088	3,328	2,429	278	132	146	45,720	22,475	23,245
<b>East North Central:</b>										
Ohio.....	2,295	4,729	4,293	3,106	271	114	157	32,745	15,805	16,940
Indiana.....	1,177	2,965	2,563	1,933	124	93	31	13,634	6,657	6,977
Illinois.....	1,694	4,490	4,999	3,782	269	105	184	50,008	24,273	25,735
Michigan.....	2,438	2,404	3,757	2,812	194	114	80	34,002	15,313	18,689
Wisconsin.....	568	1,129	1,812	1,410	150	84	66	14,886	7,189	7,697
<b>West North Central:</b>										
Minnesota.....	1,021	1,330	2,522	1,994	199	76	123	20,415	10,088	10,327
Iowa.....	635	1,705	1,921	1,621	158	72	86	12,537	6,180	6,357
Missouri.....	1,024	2,981	2,187	1,646	114	74	40	26,492	13,231	13,261
North Dakota.....	877	539	945	685	165	44	121	3,256	1,630	1,626
South Dakota.....	751	1,080	964	715	70	50	20	3,084	1,641	1,443
Nebraska.....	925	1,238	1,414	1,111	171	80	91	7,060	3,502	3,558
Kansas.....	1,148	2,649	2,308	1,715	191	107	84	6,992	3,428	3,564
<b>South Atlantic:</b>										
Delaware.....	129	148	297	219	19	11	8	437	221	216
Maryland.....	766	857	871	609	47	26	21	8,733	4,355	4,378
Dist. of Columbia.....	13	3	493	331	1	1	-----	-----	-----	-----
Virginia.....	1,711	2,992	1,207	868	100	45	55	9,943	4,995	4,948
West Virginia.....	554	2,038	505	385	50	24	26	8,863	4,412	4,451
North Carolina.....	1,038	2,090	1,635	1,170	101	59	42	10,622	5,345	5,282
South Carolina.....	858	1,661	540	390	61	32	29	3,278	1,649	1,629
Georgia.....	1,030	2,343	1,276	901	95	63	32	19,250	9,680	9,570
Florida.....	2,222	3,724	3,295	2,079	137	101	36	28,171	13,427	14,744
<b>East South Central:</b>										
Kentucky.....	679	2,028	644	478	48	22	26	12,761	6,385	6,376
Tennessee.....	903	1,805	1,018	721	48	37	11	17,834	8,923	8,911
Alabama.....	1,513	1,955	821	597	62	39	23	10,928	5,465	5,463
Mississippi.....	751	971	957	636	74	47	27	4,724	2,298	2,426
<b>West South Central:</b>										
Arkansas.....	594	1,331	1,173	812	79	50	29	6,179	3,061	3,118
Louisiana.....	1,078	1,235	1,543	1,021	75	40	35	23,063	9,602	13,461
Oklahoma.....	1,383	2,444	1,923	1,402	117	77	40	12,919	6,515	6,404
Texas.....	5,360	9,794	7,555	5,552	477	210	267	46,415	22,937	23,478
<b>Mountain:</b>										
Montana.....	1,430	1,741	1,196	927	151	62	89	4,358	2,355	2,003
Idaho.....	848	1,097	850	639	164	54	110	3,997	2,214	2,781
Wyoming.....	1,395	1,871	486	367	59	26	33	3,234	1,843	1,891
Colorado.....	808	2,717	1,283	942	95	47	48	11,439	5,564	5,875
New Mexico.....	1,490	3,244	854	630	100	41	59	5,359	2,974	2,885
Arizona.....	1,280	2,337	1,346	838	151	57	94	11,134	6,476	6,658
Utah.....	1,002	2,165	562	388	53	40	13	8,198	5,078	3,120
Nevada.....	664	797	458	320	57	27	30	7,140	4,461	2,688
<b>Pacific:</b>										
Washington.....	1,052	1,063	2,361	1,722	179	74	105	15,914	7,745	8,169
Oregon.....	920	2,085	1,089	1,256	116	49	67	13,714	6,834	6,830
California.....	3,321	6,054	11,744	7,970	369	224	145	69,886	32,681	37,205
Alaska.....	6,673	-----	1,697	1,090	281	161	120	7,791	5,813	1,978
Hawaii.....	1,419	1,024	187	113	22	16	6	8,931	4,408	4,523
Other territorial.....	-----	-----	181	87	11	9	2	9,777	5,154	4,623

<sup>1</sup> L/MF—Low/Medium Frequency; radio navigational aids operating between 200 and 400 kilocycles.<sup>2</sup> VHF—Very High Frequency; radio navigational aids operating on 108 through 118 megacycles.<sup>3</sup> Includes gliders.<sup>4</sup> Includes military. Airport type definitions: Public use—all airports serving scheduled and large irregular air carriers as regular, alternate, and provisional stops; all CAA intermediate landing fields; all airports having a true-light certificate to indicate a lighted airport; and all other airports operationally active. Limited—all airports not qualifying as "public-use." As of April 1, 1958.<sup>5</sup> Includes seaplane bases and heliports.<sup>6</sup> Cumulative since enactment of Federal Airport Act, May 16, 1946, through Dec. 31, 1957.

Source: Department of Commerce, Civil Aeronautics Administration; CAA Statistical Handbook of Civil Aviation.

**No. 749.—PETROLEUM PIPELINE COMPANIES—SUMMARY OF SELECTED FINANCIAL DATA: 1930 TO 1956**

[In thousands of dollars, except miles of line operated]

YEAR	Miles of line operated	Investment in carrier property	Other investments	Total current assets	Pipeline operating revenues	Pipeline operating expenses	Pipeline operating income	Net income
1930.....	88,727	772,711	96,184	133,428	237,910	99,363	121,816	123,741
1935.....	92,037	763,009	119,071	46,949	197,368	89,364	79,586	78,249
1940.....	100,156	841,977	64,095	47,163	225,760	101,919	82,558	79,857
1941.....	105,435	885,317	45,687	56,287	251,685	110,448	81,604	79,468
1942.....	106,485	918,848	44,525	81,259	245,061	123,507	58,332	66,845
1943.....	108,783	966,464	39,891	107,501	276,652	148,448	62,620	61,302
1944.....	111,615	1,000,741	62,767	104,150	310,194	172,368	67,840	65,715
1945.....	113,351	1,042,523	86,713	115,370	304,268	191,668	67,127	65,941
1946.....	116,544	1,106,454	69,991	103,819	293,723	183,869	56,485	56,094
1947.....	119,298	1,225,168	56,455	126,621	325,224	214,682	54,415	53,145
1948.....	124,092	1,381,402	52,168	168,020	377,034	252,971	58,806	56,679
1949.....	124,984	1,497,679	78,285	175,458	376,452	249,368	63,282	57,743
1950.....	128,589	1,655,973	100,798	192,291	441,627	254,701	89,047	81,303
1951.....	131,457	1,821,880	70,011	232,851	523,973	290,144	91,265	82,006
1952.....	132,715	2,064,405	107,412	322,677	562,268	310,311	111,053	96,650
1953.....	133,900	2,311,885	95,970	301,185	591,186	324,935	128,943	109,046
1954.....	138,962	2,501,330	67,451	315,731	617,463	331,834	149,845	124,409
1955.....	140,374	2,585,565	80,679	352,762	677,605	346,985	176,257	153,334
1956.....	142,686	2,716,234	82,453	367,633	737,386	370,787	188,272	178,457

Source: Interstate Commerce Commission: annual reports, *Statistics of Oil Pipe-Line Companies*, and, beginning 1954, *Transport Statistics in the United States*, Part 6.

**No. 750.—PETROLEUM PIPELINES—OIL TRANSPORTED: 1945 TO 1956**

ITEM	1945	1950	1952	1953	1954	1955	1956
Number of companies.....	74	76	75	78	81	84	83
Mileage operated.....	113,351	128,589	132,715	133,900	138,962	140,374	142,686
Gathering lines.....	43,994	47,593	48,522	50,030	50,689	50,645	51,336
Trunk lines.....	69,357	80,996	84,193	83,870	88,273	89,729	91,350
Oil transported (million bbls.):							
Total received into system.....	2,379	2,766	3,383	3,638	3,703	4,058	4,459
From connecting carriers, total.....	937	944	1,188	1,342	1,372	1,434	1,601
Crude oil.....	859	879	1,129	1,265	1,265	1,299	1,443
Refined oils.....	78	65	59	77	106	134	158
Originated, total.....	1,442	1,822	2,195	2,296	2,331	2,624	2,858
Crude oil.....	1,292	1,525	1,810	1,861	1,829	2,038	2,195
Refined oils.....	150	297	385	435	502	586	663
Total delivered out of system.....	2,365	2,740	3,359	3,627	3,705	4,039	4,468
To connecting carriers, total.....	964	937	1,198	1,279	1,355	1,444	1,613
Crude oil.....	894	874	1,135	1,200	1,260	1,329	1,489
Refined oils.....	70	63	63	79	95	115	125
Terminated, total.....	1,401	1,803	2,161	2,349	2,349	2,595	2,845
Crude oil.....	1,244	1,510	1,782	1,919	1,838	1,992	2,154
Refined oils.....	157	293	379	430	511	603	691
Trunk-line movement (million bbls.):							
Crude oil.....	1,721	1,977	2,455	2,597	2,574	2,781	3,062
Refined oils.....	228	360	442	508	607	717	817
Trunk-line barrel-miles (billions):							
Crude oil.....	430	577	715	756	782	839	936
Refined oils.....	65	107	142	161	183	205	233

Source: Interstate Commerce Commission; annual reports, *Statistics of Oil Pipe-Line Companies*, and, beginning 1954, *Transport Statistics in the United States*, Part 6.

## Section 22

### Waterways, Water Traffic, and Shipping

This section presents statistics concerning water transportation, including inland waterways and ocean-borne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. The principal sources of these data are two annual reports issued by the Corps of Engineers of the Department of the Army entitled *Waterborne Commerce of the United States* and the *Annual Report of the Chief of Engineers*, Part 2; the Bureau of the Census monthly and annual *U. S. Waterborne Foreign Trade*; and the Bureau of Customs annual *Merchant Marine Statistics*. Data in this field are also presented in the *Annual Report of Commission of Navigation*, issued by the Maritime Administration of the Department of Commerce; *The Bulletin* issued annually by the American Bureau of Shipping; and the *Annual Summary of Merchant Ships Launched in the World* and the *Register Book* published by Lloyd's Register of Shipping of London, England. A basic source for historical data is the Bureau of the Census, *Foreign Commerce and Navigation of the United States*, which was issued annually through 1946.

Data relating to merchandise exports and imports, their classification, dollar values, and countries of origin and destination may be found in section 32, Foreign Commerce.

**Units of measurement.**—Cargo tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. 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. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Dead-weight 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.

**Vessel shipments, entrances, and clearances.**—Shipments by dry cargo vessels comprise shipments on all types of watercraft except tanker vessels, and shipments by tanker vessels comprise all types of cargo both liquid and dry carried by tanker vessels.

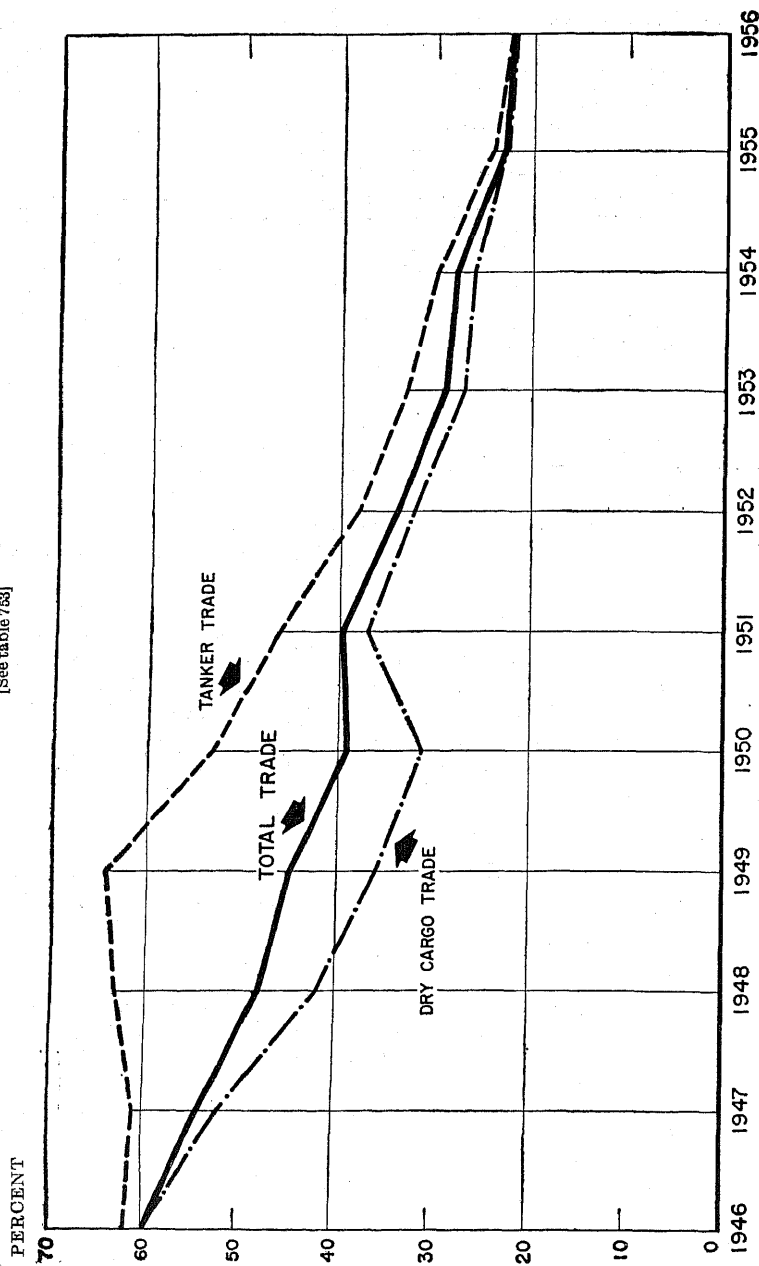
A vessel is reported as entered at the first port in the United States at which entry is made, regardless of whether any cargo is unladen at that port. A vessel is reported as cleared from the last port where outward cargo is completed or where the vessel cleared in ballast. Army and Navy vessels entering or clearing without commercial cargo and vessels touching at a United States port in distress, or for other temporary causes without discharging cargo, are not included in the figures.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series K 132-145") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

Note.—This section presents data for the most recent year or period available on May 16, 1953, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

FIG. XXXIV.—PERCENT OF CARGO TONNAGE CARRIED ON AMERICAN FLAG VESSELS IN THE UNITED STATES  
EXPORT AND IMPORT TRADE: 1946 TO 1956

[See table 753]



Source: Department of Commerce, Bureau of the Census.



# No. 751.—WATERBORNE COMMERCE OF THE UNITED STATES—CARGO TONNAGE, FOREIGN AND DOMESTIC: 1940 TO 1956

[In thousands of short tons. Import and export figures differ slightly from those shown in tables 753 and 754, due to minor differences in basic concepts which are explained in the source. See also *Historical Statistics, 1789-1946*, series K 132-145]

CLASS	1940	1945	1950	1953	1954	1955	1956
<b>Foreign commerce, total</b> .....	111,255	172,094	169,225	217,396	213,844	271,103	326,690
Imports, through seaports.....	40,740	44,526	96,299	120,595	123,503	144,276	163,349
Exports, through seaports.....	49,568	100,353	43,040	63,780	65,244	95,404	126,448
Imports, Great Lakes ports.....	4,118	6,511	5,083	7,387	5,921	5,681	10,865
Exports, Great Lakes ports.....	16,829	20,724	23,603	25,635	19,176	22,742	26,027
<b>Domestic commerce, net total<sup>1</sup></b> .....	496,645	446,812	651,359	706,151	653,796	745,033	766,223
Coastwise, between ports.....	157,027	90,705	182,544	188,758	187,240	195,718	205,910
Great Lakes, between ports.....	141,103	157,900	169,881	188,621	145,364	184,809	173,991
Local traffic of seaports, Great Lakes ports, and communities on inland waterways.....	97,632	97,822	106,906	102,562	102,719	112,863	114,364
Traffic between ports and river ports <sup>2</sup> .....	70,217	87,073	190,789	224,957	217,061	249,093	269,734
Traffic between ports of Territories and possessions of the United States <sup>3</sup> .....			1,239	1,253	1,411	1,951	2,225
<b>Net total, foreign and domestic</b> .....	607,900	618,906	820,584	923,548	867,640	1,016,136	1,092,913

<sup>1</sup> For 1940 and 1945, approximate net total, excluding duplications in domestic traffic.

<sup>2</sup> Represents traffic among ports and communities utilizing inland waterways exclusively.

<sup>3</sup> Included in other types of domestic traffic prior to 1950.

Source: Department of the Army, Corps of Engineers; figures through 1953, *Annual Report of Chief of Engineers* Part 2; thereafter, *Waterborne Commerce of the United States*.

# No. 752.—UNITED STATES RECEIPTS AND PAYMENTS FOR INTERNATIONAL TRANS- PORTATION: 1947 TO 1957

[In millions of dollars. Data are international transportation transactions recorded for balance of payments purposes (see table 1123). 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]

ITEM	1947	1950	1951	1952	1953	1954	1955	1956	1957 (prel.)
<b>Total receipts</b> .....	1,738	1,033	1,556	1,488	1,198	1,171	1,420	1,619	1,549
Ocean transportation.....	1,593	859	1,331	1,242	971	943	1,151	1,321	1,533
Export freight earnings.....	1,154	380	679	550	367	347	448	536	599
Privately controlled shipments:									
Coal.....	257	1	129	73	9	6	26	22	36
Grain.....	67	23	142	57	21	21	44	81	70
Other dry cargo.....	608	311	358	373	302	304	365	414	461
Tanker.....	29	12	28	21	18	12	12	19	32
Military-controlled shipments <sup>1</sup> .....	193	33	22	26	17	4	1		
Freight earnings on shipments between foreign countries.....	100	110	201	175	103	98	106	138	185
Passenger fares.....	39	20	18	24	21	24	23	25	26
Port expenditures.....	281	313	411	462	465	469	562	605	709
Charter hire.....	19	36	22	31	15	5	12	17	14
Other transportation.....	145	174	225	246	227	228	269	298	316
<b>Total payments</b> .....	583	818	974	1,115	1,081	1,026	1,204	1,432	1,438
Ocean transportation.....	456	643	787	911	864	805	946	1,142	1,122
Import freight payments.....	141	295	384	428	423	369	480	627	623
Dry cargo.....	133	255	279	318	311	288	358	449	437
Tanker.....	8	40	105	110	112	81	122	178	186
Passenger fares.....	47	121	102	133	134	130	138	154	141
Port expenditures.....	231	138	183	190	142	141	153	163	196
Charter hire.....	37	89	118	160	165	165	175	193	162
Other transportation.....	127	175	187	204	217	221	258	290	316
<b>Receipts balance</b> .....	1,155	215	582	373	117	145	216	187	411

<sup>1</sup> Represents freight on economic aid only. Freight on military end items not included.

Source: Department of Commerce, Office of Business Economics; *Balance of Payments of the United States*, 1958 edition, a supplement to the *Survey of Current Business*; *Survey of Current Business*, March 1958, and records.

### No. 753.—WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY FLAG OF CARRIER VESSEL: 1925 TO 1957

[In thousands of short tons. Excludes cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity prior to 1946. Beginning 1946, excludes U. S. Army and Navy cargo, and includes Alaska, Hawaii, and Puerto Rico. Beginning July 1950, excludes commodities classified for security reasons as "special category 7." From July 1953 through December 1955 and beginning July 1956, exports exclude shipments under \$500 in value regardless of shipping weight; for January through June 1956, exclude those under \$1,000 regardless of shipping weight. Beginning 1954, imports exclude shipments under 2,000 pounds shipping weight]

YEAR AND DISTRICT	Total trade	Percent by U. S. flag	IMPORTS BY FLAG OF CARRIER VESSELS				EXPORTS BY FLAG OF CARRIER VESSELS			
			Total	U. S.	Foreign	Percent U. S.	Total	U. S.	Foreign	Percent U. S.
<b>TOTAL</b>										
1925-----	103,938	39.8	48,311	23,760	24,551	49.2	55,625	17,603	38,024	31.6
1930-----	108,968	40.8	53,270	27,801	25,469	52.2	55,699	16,703	38,995	30.0
1935-----	80,765	31.7	38,042	15,820	22,221	41.6	42,723	9,789	32,935	22.9
1940-----	105,596	28.7	44,667	17,322	27,345	38.8	60,929	12,939	47,990	21.2
1945 <sup>1</sup> -----	101,030	68.4	39,426	31,415	8,011	79.7	61,603	37,729	23,874	61.2
1950-----	159,389	39.3	96,703	42,268	54,435	43.7	62,635	20,379	42,266	32.5
1951-----	216,292	39.8	100,603	42,836	57,767	42.6	115,690	43,232	72,458	37.4
1952-----	210,469	34.3	107,421	41,683	65,738	38.8	103,048	30,417	72,630	29.5
1953-----	199,552	29.0	119,003	38,468	80,535	32.3	80,549	19,448	61,101	24.1
1954-----	198,863	27.5	120,685	36,291	84,395	30.1	78,178	18,378	59,800	23.5
1955-----	253,568	23.5	141,123	37,409	103,715	26.5	112,445	22,083	90,361	19.6
1956-----	304,227	21.9	159,472	39,394	120,078	24.7	144,755	27,304	117,451	18.9
1957-----	337,679	18.8	172,287	34,584	137,703	20.1	165,392	28,911	136,481	17.5
<b>DRY CARGO</b>										
1945 <sup>1</sup> -----	63,083	70.9	21,716	17,053	4,663	78.5	41,367	27,672	13,695	66.9
1950-----	100,189	31.2	46,611	14,823	31,788	31.8	53,578	16,429	37,149	30.7
1951-----	151,285	37.1	50,053	17,792	32,261	35.5	101,232	38,366	62,866	37.9
1952-----	139,101	32.2	50,368	18,517	31,851	36.8	88,733	26,275	62,458	29.6
1953-----	124,445	26.7	57,302	17,201	40,101	30.0	67,143	16,008	51,135	23.8
1954-----	124,742	25.9	57,388	16,507	40,881	28.8	67,354	15,796	51,558	23.5
1955-----	169,001	23.4	68,437	19,855	48,582	29.0	100,566	19,705	80,861	19.6
1956-----	207,934	21.7	79,549	21,045	58,504	26.5	128,385	24,084	104,301	18.8
1957-----	229,337	19.6	86,745	19,580	67,165	22.6	142,592	25,488	117,154	17.8
<b>TANKER CARGO</b>										
1945 <sup>1</sup> -----	37,947	64.4	17,711	14,362	3,349	81.1	20,236	10,058	10,179	49.7
1950-----	59,199	53.0	50,092	27,445	22,647	54.8	9,107	3,950	5,157	43.4
1951-----	65,007	46.0	50,550	25,043	25,506	49.5	14,458	4,866	9,592	33.7
1952-----	71,368	38.3	57,053	23,166	33,887	40.6	14,315	4,143	10,172	28.9
1953-----	75,107	32.9	61,701	21,267	40,434	34.5	13,406	3,441	9,965	25.7
1954-----	74,121	30.2	63,297	19,783	43,514	31.3	10,824	2,582	8,242	23.9
1955-----	84,567	23.6	72,686	17,554	55,132	24.2	11,881	2,379	9,502	20.0
1956-----	96,293	22.4	79,923	18,349	61,574	23.0	16,370	3,220	13,150	19.7
1957-----	108,342	17.1	85,542	15,004	70,538	17.5	22,800	3,473	19,327	15.2

<sup>1</sup> Excludes U. S. Army and Navy cargo, and Great Lakes.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, releases, and records.

### No. 754.—WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY COASTAL DISTRICT: 1945 TO 1957

[In thousands of short tons. See headnote, table 753]

DISTRICT	1945	1950	1952	1953	1954	1955	1956	1957
<b>IMPORTS</b>								
Atlantic ports-----	30,748	76,062	82,376	88,612	90,642	105,990	115,767	123,486
Gulf ports-----	5,675	10,930	12,033	13,753	16,386	17,345	19,890	21,904
Pacific ports-----	3,003	4,095	5,898	9,063	7,739	9,038	13,047	16,792
Great Lakes ports-----		5,616	7,114	7,574	5,918	8,751	10,768	10,105
<b>EXPORTS</b>								
Atlantic ports-----	39,609	15,228	42,320	27,248	30,380	54,775	72,749	83,543
Gulf ports-----	14,737	16,818	23,717	19,928	18,589	22,405	31,508	39,020
Pacific ports-----	7,258	7,270	13,762	11,262	10,617	13,311	15,793	18,600
Great Lakes ports-----		23,370	23,249	22,111	18,591	21,953	24,705	24,229

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, releases, and records.

# No. 755.—WATERBORNE IMPORTS—SHIPPING WEIGHT ON DRY-CARGO AND TANKER VESSELS, BY TRADE AREA: 1955 to 1957

[In thousands of short tons. Represents general imports. See headline, table 753. See 1951 Abstract, table 641, for latest data available by countries]

TRADE AREA	1955			1956			1957		
	Total	On U. S. vessels	Percent U. S.	Total	On U. S. vessels	Percent U. S.	Total	On U. S. vessels	Percent U. S.
<b>DRY CARGO</b>									
Trade area, total.....	68,437.0	19,854.9	29.0	79,548.9	21,044.9	26.5	86,744.8	19,579.5	22.6
Foreign except Canadian.....	46,594.1	13,391.7	28.7	53,707.8	14,723.6	27.4	61,648.7	14,592.4	23.7
Caribbean.....	19,282.3	4,742.2	24.6	23,156.3	5,629.8	23.9	28,417.0	5,523.0	19.4
East Coast South America.....	2,460.7	617.9	25.2	2,945.4	897.6	30.5	3,760.6	819.0	21.8
West Coast South America.....	5,219.1	2,430.6	46.6	6,062.8	2,208.0	36.4	8,319.0	2,659.9	32.0
West Coast Central America and Mexico.....	1,105.6	680.5	61.6	1,037.2	457.2	44.1	1,271.7	481.5	37.9
Gulf Coast Mexico.....	405.8	24.1	5.9	561.7	148.6	26.4	922.0	171.5	18.6
United Kingdom and Eire.....	855.7	263.8	30.8	917.6	273.2	29.8	910.3	297.4	32.7
Baltic, Scandinavia, Iceland and Greenland.....	2,522.5	297.0	11.8	2,355.5	156.2	6.6	1,818.9	68.0	3.7
Bayonne-Hamburg Range.....	3,016.1	466.8	15.5	3,589.8	620.9	17.3	3,487.4	539.5	15.5
Portugal and Spanish Atlantic.....	240.8	69.0	28.7	245.7	63.9	26.0	188.3	47.0	25.0
Azores, Mediterranean, and Black Sea.....	1,536.8	565.6	36.8	1,931.6	620.7	32.1	1,798.8	524.4	29.2
West Coast Africa.....	2,195.8	269.7	12.3	2,710.0	537.8	19.5	2,408.5	277.7	11.5
South and East Africa.....	1,431.9	893.6	62.4	1,579.9	980.6	62.1	1,908.6	1,054.0	55.2
Australasia.....	388.8	140.9	36.2	499.4	208.4	41.7	595.3	252.2	42.4
India, Persian Gulf, and Red Sea.....	1,852.6	531.2	28.7	1,774.8	651.2	36.7	1,775.3	468.3	26.4
Malaya and Indonesia.....	708.1	271.5	38.3	674.6	275.5	40.8	584.9	267.2	45.7
South China, Formosa, and Philippines.....	2,576.4	817.6	31.7	2,709.1	942.9	34.1	2,609.6	827.1	31.7
North China, including Shanghai and Japan.....	795.0	309.9	39.0	897.0	351.5	39.2	872.9	314.7	36.1
Canadian.....	21,843.0	6,463.2	29.6	25,841.1	6,321.2	24.5	25,096.1	4,987.1	19.9
Pacific Canada.....	2,475.0	563.8	22.8	2,390.3	625.5	26.2	2,600.5	613.4	23.6
Great Lakes Canada.....	6,616.8	2,084.1	31.5	7,685.7	2,253.3	29.3	7,222.8	1,995.4	27.6
Atlantic Canada and Newfoundland.....	12,751.2	3,815.4	29.9	15,765.2	3,442.4	21.8	15,272.7	2,378.4	15.6
<b>TANKER CARGO</b>									
Trade area, total.....	72,686.3	17,553.7	24.2	79,923.3	18,349.1	23.0	85,541.9	15,004.3	17.5
Foreign except Canadian.....	72,559.5	17,487.0	24.1	78,782.0	17,251.1	21.9	84,101.5	13,750.2	16.3
Caribbean.....	50,537.2	15,183.7	30.0	56,373.4	15,026.7	26.7	64,088.2	12,019.4	18.8
East Coast South America.....	3.3	-----	-----	0.5	-----	-----	128.9	19.4	15.1
West Coast South America.....	199.0	18.0	9.0	136.7	17.8	13.0	83.9	17.6	21.0
West Coast Central America and Mexico.....	64.4	-----	-----	89.7	7.9	8.8	87.6	20.8	23.7
Gulf Coast Mexico.....	3,950.7	980.6	24.8	3,817.4	873.9	22.9	2,646.4	422.3	16.0
United Kingdom and Eire.....	132.5	-----	-----	101.5	-----	-----	41.9	(1)	(1)
Baltic, Scandinavia, Iceland, and Greenland.....	57.3	-----	-----	68.1	-----	-----	57.3	-----	-----
Bayonne-Hamburg Range.....	221.3	8.2	3.7	314.3	27.4	8.7	274.8	34.5	12.6
Portugal and Spanish Atlantic.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Azores, Mediterranean, and Black Sea.....	5,043.6	82.7	1.6	5,074.7	179.9	3.5	1,627.3	237.7	14.6
West Coast Africa.....	12.7	12.7	100.0	9.9	-----	-----	-----	-----	-----
South and East Africa.....	-----	-----	-----	10.4	-----	-----	-----	-----	-----
Australasia.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
India, Persian Gulf, and Red Sea.....	10,443.9	1,065.7	10.2	10,795.9	1,066.0	9.9	11,495.0	957.8	8.3
Malaya and Indonesia.....	1,786.8	102.9	5.8	1,971.8	51.7	2.6	3,568.1	20.8	0.6
South China, Formosa, and Philippines.....	98.2	32.5	33.1	6.7	-----	-----	2.2	-----	-----
North China, including Shanghai and Japan.....	8.6	-----	-----	11.5	-----	-----	(1)	-----	-----
Canadian.....	126.8	66.7	52.6	1,141.2	1,098.0	96.2	1,440.4	1,254.0	87.1
Pacific Canada.....	5.7	5.3	93.0	998.2	997.6	99.9	1,260.5	1,233.2	97.8
Great Lakes Canada.....	101.3	61.4	60.6	136.6	100.1	73.3	179.5	20.9	11.6
Atlantic Canada and Newfoundland.....	19.8	-----	-----	6.4	0.4	5.5	0.4	-----	-----

<sup>1</sup> Less than 50 short tons.

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 985, U. S. Waterborne Foreign Trade.

# No. 756.—WATERBORNE EXPORTS—SHIPPING WEIGHT ON DRY-CARGO AND TANKER VESSELS, BY TRADE AREA: 1955 to 1957

[In thousands of short tons. Covers domestic and foreign merchandise. See headnote, table 753. See 1951 Abstract, table 641, for latest data available by countries]

TRADE AREA	1955			1956			1957		
	Total	On U. S. vessels	Per cent U. S.	Total	On U. S. vessels	Per cent U. S.	Total	On U. S. vessels	Per cent U. S.
<b>DRY CARGO</b>									
Trade area, total.....	100,566.1	19,704.6	19.6	128,384.9	24,083.7	18.8	142,591.5	25,437.7	17.8
Foreign except Canadian.....	78,603.9	14,837.9	18.9	103,606.9	17,703.1	17.1	118,433.4	19,612.5	16.6
Caribbean.....	3,936.8	1,155.1	29.3	4,390.2	1,208.5	27.5	5,637.6	1,519.7	27.0
East Coast South America.....	2,724.1	576.0	21.1	4,617.6	957.6	20.7	4,401.2	900.9	20.5
West Coast South America.....	1,299.1	534.8	41.2	1,646.3	654.3	39.7	1,693.0	711.4	42.0
West Coast Central America and Mexico.....	366.2	112.2	30.6	337.5	101.4	30.0	363.9	111.7	30.7
Gulf Coast Mexico.....	232.1	2.7	1.2	354.9	0.8	0.2	537.3	12.8	2.4
United Kingdom and Eire.....	10,555.0	1,520.0	14.4	7,910.7	1,108.5	14.0	6,702.5	1,143.2	17.1
Baltic, Scandinavia, Iceland, and Greenland.....	3,477.0	487.7	14.0	4,077.1	453.3	11.1	4,713.7	604.6	12.8
Bayonne-Hamburg Range.....	24,523.4	2,260.7	9.2	40,125.2	3,624.5	9.0	45,717.9	3,605.5	7.9
Portugal and Spanish Atlantic.....	570.0	217.8	38.2	1,032.1	232.7	22.5	1,443.3	329.1	22.8
Azores, Mediterranean, and Black Sea.....	14,760.2	2,782.6	18.9	18,086.3	2,726.8	15.1	20,062.3	3,013.4	15.0
West Coast Africa.....	548.9	165.6	30.2	715.0	270.5	37.8	626.7	218.6	34.9
South and East Africa.....	856.8	458.1	53.5	731.5	430.8	58.9	812.1	535.1	65.9
Australasia.....	935.7	149.2	15.9	773.9	141.9	18.3	753.9	170.5	22.6
India, Persian Gulf, and Red Sea.....	1,305.3	559.8	42.9	2,742.9	920.7	33.6	4,663.6	1,713.6	36.7
Malaya and Indonesia.....	306.1	107.8	35.2	675.0	204.2	30.2	433.3	153.7	35.5
South China, Formosa, and Philippines.....	1,622.0	852.3	52.5	1,919.4	999.0	52.0	2,087.1	1,056.6	50.6
North China, including Shanghai and Japan.....	10,586.3	2,895.9	27.4	13,471.8	3,578.2	26.6	17,784.0	3,812.2	21.4
Canadian.....	21,962.3	4,866.7	22.2	24,778.1	6,380.6	25.8	24,158.2	5,825.2	24.1
Pacific Canada.....	413.4	143.1	34.6	413.4	140.2	33.9	304.8	122.0	40.0
Great Lakes Canada.....	20,446.7	4,715.9	23.1	23,259.8	6,213.1	26.7	22,624.1	5,675.0	25.1
Atlantic Canada and Newfoundland.....	1,102.1	7.7	0.7	1,105.0	27.4	2.5	1,229.3	28.2	2.3
<b>TANKER CARGO</b>									
Trade area, total.....	11,880.5	2,378.9	20.0	16,370.2	3,219.9	19.7	22,800.0	3,472.7	15.2
Foreign except Canadian.....	9,228.9	951.5	10.3	13,923.7	1,436.2	10.3	20,509.1	2,052.0	10.0
Caribbean.....	1,478.2	404.3	31.4	1,791.5	530.7	29.6	1,901.6	500.8	26.3
East Coast South America.....	415.5	28.2	6.8	463.7	75.3	16.2	673.0	83.7	12.4
West Coast South America.....	425.8	83.9	19.7	157.4	16.2	10.3	157.1	34.0	21.6
West Coast Central America and Mexico.....	1,075.3	97.6	9.1	923.3	39.6	4.3	586.6	49.9	8.5
Gulf Coast Mexico.....	18.6	2.7	14.5	84.5	2.0	2.4	316.0	10.7	3.4
United Kingdom and Eire.....	1,518.9	16.4	1.1	2,615.7	---	---	5,236.4	193.3	3.7
Baltic, Scandinavia, Iceland, and Greenland.....	156.4	8.3	5.3	433.9	11.4	2.6	911.7	30.5	3.3
Bayonne-Hamburg Range.....	1,872.4	169.4	9.0	4,572.6	540.0	11.8	5,632.9	349.2	6.3
Portugal and Spanish Atlantic.....	32.1	7.3	22.7	73.1	---	---	164.0	2.5	1.5
Azores, Mediterranean, and Black Sea.....	134.4	2.2	1.6	933.8	101.4	10.9	1,974.6	287.9	14.6
West Coast Africa.....	23.8	8.8	37.0	153.7	9.3	6.0	315.1	60.4	19.2
South and East Africa.....	23.9	---	---	14.9	---	---	11.5	---	---
Australasia.....	82.1	18.4	22.4	66.7	---	---	37.8	---	---
India, Persian Gulf, and Red Sea.....	21.3	---	---	66.2	64.7	97.7	524.8	449.2	85.6
Malaya and Indonesia.....	46.1	---	---	17.6	---	---	---	---	---
South China, Formosa, and Philippines.....	47.9	---	---	29.1	---	---	42.9	---	---
North China, including Shanghai and Japan.....	1,856.3	44.0	2.4	1,526.6	45.8	3.0	2,123.1	---	---
Canadian.....	2,651.5	1,427.3	53.9	2,446.5	1,783.7	72.9	2,290.9	1,420.7	62.0
Pacific Canada.....	826.9	634.3	76.7	953.2	79.8	79.8	779.5	590.4	71.9
Great Lakes Canada.....	1,482.5	687.7	46.4	1,302.6	957.6	73.5	1,198.2	746.3	62.3
Atlantic Canada and Newfoundland.....	342.2	105.3	30.8	190.8	65.6	34.4	313.3	114.1	36.4

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 985, U. S. Waterborne Foreign Trade.

No. 757.—WATERBORNE IMPORTS AND EXPORTS—VALUE OF TRADE, BY COASTAL DISTRICT: 1954 to 1956

[In millions of dollars]

TYPE OF VESSEL AND COASTAL DISTRICT	TOTAL TRADE			EXPORTS			IMPORTS		
	1954	1955	1956	1954	1955	1956	1954	1955	1956
<b>Total</b> .....	16,204	17,810	20,774	8,539	9,459	11,485	7,665	8,351	9,289
Atlantic.....	10,747	12,132	13,585	5,162	5,979	6,838	5,585	6,153	6,747
Dry cargo.....	9,913	11,164	12,479	5,096	5,907	6,757	4,817	5,257	5,722
Tanker.....	835	970	1,108	67	73	82	768	897	1,026
Gulf.....	3,064	3,091	4,026	2,004	2,034	2,843	1,060	1,057	1,183
Dry cargo.....	2,825	2,842	3,561	1,813	1,840	2,441	1,012	1,002	1,120
Tanker.....	240	250	465	191	195	402	49	55	63
Pacific.....	1,842	2,011	2,492	1,075	1,128	1,431	767	883	1,061
Dry cargo.....	1,717	1,859	2,281	995	1,040	1,349	722	819	932
Tanker.....	126	152	211	81	88	82	45	64	129
Great Lakes.....	550	576	672	298	318	373	252	258	299
Dry cargo.....	529	551	648	277	296	352	252	255	296
Tanker.....	22	25	24	21	22	21	1	3	3

Source: Department of Commerce, Bureau of the Census; *United States Foreign Waterborne Commerce*, annual review.

No. 758.—WATERBORNE IMPORTS AND EXPORTS—SHIPPING WEIGHT OF PRINCIPAL COMMODITIES IN OCEANBORNE TRADE: 1955 AND 1956

[In thousands of short tons. Exports exclude shipments of under \$500 in value for the periods January–December 1955 and July–December 1956, and under \$1,000 in value for the period January–June 1956; imports exclude shipments of under 2,000 pounds shipping weight. "N. e. c." means not elsewhere classified]

COMMODITY	EXPORTS		COMMODITY	IMPORTS	
	1955	1956		1955	1956
Bituminous coal.....	34,166	47,653	Residual fuel oil.....	24,610	26,714
Wheat.....	6,584	12,232	Iron ore and concentrates.....	20,976	26,369
Iron and steel scrap.....	4,374	5,321	Aluminum ores and concentrates.....	5,976	6,970
Gas oil and distillate fuel oil.....	2,563	3,885	Gypsum or plaster rock.....	3,905	4,351
Crude petroleum.....	752	3,463	Sugar.....	3,954	4,173
Residual fuel oil.....	4,380	3,320	Manganese.....	2,405	2,696
Phosphate fertilizer material.....	2,434	3,233	Chrome.....	1,850	2,223
Iron and steel mill products.....	3,481	3,054	Molasses, inedible.....	2,402	1,982
Corn.....	2,915	2,966	Bananas.....	1,639	1,654
Anthracite coal.....	721	2,886	Standard newsprint paper.....	1,338	1,513
Barley and rye.....	1,819	2,259	Iron and steel mill products.....	949	1,488
Soybeans, inedible.....	1,798	1,762	Coffee, raw or green.....	1,316	1,427
Sulphur.....	1,734	1,740	Motor fuel gasoline.....	465	960
Other grains.....	1,758	1,539	Pulpwood.....	1,053	956
Lubricating oils and greases.....	1,363	1,381	Nitrogenous fertilizer.....	1,005	915
Cotton, unmanufactured.....	680	1,253	Gas oil and distillate fuel oil.....	790	811
Wheat flour and semolina.....	1,008	1,120	Nonmetallic minerals and manufac- tures, n. e. c.....	706	764
Iron ore and concentrates.....	324	1,103	Lumber and shingles.....	811	739
Industrial chemicals, n. e. c.....	895	992	Petroleum products, n. e. c.....	1,070	719
Coke, including petroleum coke.....	616	990	Crude rubber and allied gums.....	781	704
Motor fuel and gasoline.....	473	946	Copper ore and concentrates.....	635	681
Rice.....	559	896	Petroleum asphalt.....	615	680
Nitrogenous fertilizer materials.....	664	859	Building cement.....	722	676
Inedible animal products, n. e. c.....	688	795	Nonferrous ores, metals, scrap, n. e. c.....	510	582
Motor vehicles.....	675	645			
Crude petroleum.....	42,502	48,899			

Source: Department of Commerce, Bureau of the Census; *United States Foreign Waterborne Commerce*, annual review.

## No. 759.—COMMERCE OF SELECTED UNITED STATES PORTS: 1956

(In thousands of short tons (cargo). Excludes Great Lakes. In addition to commerce here shown, many ports have (a) commerce with ports on internal rivers and canals; (b) purely local port traffic.]

PORT	Im-ports	Ex-ports	COASTWISE		PORT	Im-ports	Ex-ports	COASTWISE	
			Re-ceipts	Ship-ments				Re-ceipts	Ship-ments
<b>Total</b> .....	163,349	126,448	205,833	205,884	<b>GULF COAST PORTS</b>				
<b>ATLANTIC COAST PORTS</b>					Charlotte Harbor, Fla.....	258			605
Portland Harbor, Maine.....	12,041	207	3,169	411	Tampa Harbor, Fla.....	973	2,881	4,636	1,558
Portsmouth Harbor, N. H.....	437		891	1	Port St. Joe Harbor, Fla.....	6	10	1,771	8
Salem Harbor, Mass.....	159		1,134	7	Panama City Harbor, Fla.....	33	50	308	117
Boston, Mass.....	5,483	1,103	12,007	1,080	Pensacola Harbor, Fla.....	73	150	2	11
New Bedford and Fairhaven Harbor, Mass.....	41	1	224	9	Mobile Harbor, Ala.....	6,730	1,489	649	1,205
Fall River Harbor, Mass.....	535		1,529	51	New Orleans, La.....	4,456	8,050	705	9,220
Providence River and Harbor, R. I.....	1,071	85	6,344	483	Baton Rouge, La.....	2,749	1,640	74	6,568
New London Harbor, Conn.....	506	5	428	319	Lake Charles, La. <sup>1</sup> .....	106	1,230	284	7,105
New Haven Harbor, Conn.....	760		5,837	1,193	Galveston, Tex.....	397	4,032	29	1,271
Bridgeport Harbor, Conn.....	329	71	2,064	434	Texas City, Tex.....	41	529	457	8,771
Norwalk Harbor, Conn.....			539		Houston, Tex.....	2,734	6,770	822	22,889
Stamford Harbor, Conn.....			1,000	22	Corpus Christi, Tex.....	1,299	1,360	136	10,031
New York Harbor, N. Y.....	31,684	9,165	44,876	11,356	Port Aransas, Tex.....	10	1,341		7,924
Hempstead Harbor, N. Y.....			2,439	4,411	Freeport, Tex.....	13	631	25	2,323
Huntington Harbor, N. Y.....			410		Brazos Island Harbor, Tex.....	83	558	56	623
Port Jefferson Harbor, N. Y.....			821	( <sup>2</sup> )	Beaumont, Tex.....	33	1,172	1,416	18,405
Albany, N. Y.....	210	1,076	4,016	7	Port Arthur, Tex.....	( <sup>2</sup> )	2,123	2,250	16,988
Northport Bay and Harbor, N. Y.....			21	3,500	<b>PACIFIC COAST PORTS</b>				
Delaware River and tributaries.....	40,003	6,123	25,598	6,987	San Diego Harbor, Calif.....	149	93	1,631	8
Baltimore Harbor and Channels, Md.....	20,366	9,665	7,993	1,813	Long Beach Harbor, Calif.....	847	2,520	656	2,573
Norfolk Harbor, Va.....	3,121	24,317	5,226	5,489	Los Angeles Harbor, Calif.....	3,318	2,292	5,748	7,575
Newport News, Va.....	1,908	19,895	50	4,267	San Francisco Bay Area, Calif.....	5,127	2,965	11,090	10,429
Morehead City Harbor, N. C.....	88	30	214	13	Crescent City Harbor, Calif.....			83	207
Wilmington Harbor, N. C.....	381	265	2,832	26	Humboldt Harbor and Bay, Calif.....	1	53	221	170
Charleston Harbor, S. C.....	1,210	450	1,854	147	Stockton, Calif.....	46	1,489	29	318
Savannah Harbor, Ga.....	1,909	547	1,278	197	Coos Bay, Oreg.....	( <sup>2</sup> )	239	176	761
Jacksonville Harbor, Fla.....	1,322	291	3,315	74	Portland, Oreg.....	205	2,222	6,430	492
Palm Beach Harbor, Fla.....	478	278	25		Astoria, Oreg.....	17	232	130	10
Port Everglades Harbor, Fla.....	1,123	247	2,524	132	Vancouver, Wash.....	21	876	5	143
Miami Harbor, Fla.....	410	107	304	39	Longview, Wash.....	74	1,102	320	118
San Juan Harbor, P. R.....	1,266	76	1,535	762	Tacoma Harbor, Wash.....	535	1,151	724	161
Mayaguez Harbor, P. R.....	64	1	144	229	Seattle Harbor, Wash.....	675	1,161	5,280	745
Ponce Harbor, P. R.....	181	118	215	364	Bellingham Bay and Harbor, Wash.....	739	36	31	12
					Port Angeles Harbor, Wash.....	56	65	134	86
					Seward Harbor, Alaska.....		14	532	22
					Honolulu Harbor, T. H.....	73	90	2,079	705
					Kahului Harbor, Maui, T. H.....	2	20	152	427
					Hilo Harbor, T. H.....	16	9	245	506
					Nawiliwili Harbor, T. H.....	6	3	54	316

<sup>1</sup> Includes data for ports not shown separately.

<sup>2</sup> Less than 500 tons.

<sup>3</sup> Includes Calcasieu River and Pass.

Source: Department of the Army, Corps of Engineers; *Waterborne Commerce of the United States*.

**No. 760.—COMMERCE OF SELECTED GREAT LAKES PORTS: 1950 TO 1956****[In thousands of short tons (cargo). Comprises foreign, lakewise, and coastwise shipping]**

PORT	RECEIPTS				SHIPMENTS			
	1950	1954	1955	1956	1950	1954	1955	1956
<b>Total.....</b>	<b>175,637</b>	<b>151,412</b>	<b>193,591</b>	<b>184,934</b>	<b>193,511</b>	<b>164,572</b>	<b>207,538</b>	<b>200,044</b>
Ashland Harbor, Wis.....	685	450	451	508	5,422	3,999	4,527	3,840
Ashtabula, Ohio.....	10,447	5,262	9,455	9,528	3,302	2,969	3,586	3,613
Buffalo, N. Y.....	16,458	15,875	19,318	19,097	2,417	1,873	2,436	1,832
Chicago, Ill., Port of.....	15,813	11,786	16,872	16,325	4,093	5,744	6,349	8,301
Cleveland, Ohio.....	17,375	14,771	19,744	16,338	382	349	358	636
Conneaut Harbor, Ohio.....	9,562	9,327	14,139	10,053	2,522	806	994	996
Detroit, Mich.....	21,090	18,940	24,295	24,983	1,298	1,591	1,626	1,608
Duluth-Superior, Minn. and Wis.....	10,117	6,175	7,142	7,873	53,009	42,929	61,156	51,560
Indiana Harbor, Ind.....	10,355	11,129	13,695	12,396	5,182	5,863	6,386	6,745
Lorain Harbor, Ohio.....	8,153	5,211	5,563	5,331	3,264	2,219	2,258	2,183
Milwaukee Harbor, Wis.....	7,357	6,410	7,157	6,942	1,421	1,364	1,532	1,649
Sandusky Harbor, Ohio.....	1	2	1	14	9,822	8,062	7,961	8,265
Toledo Harbor, Ohio.....	4,640	4,095	6,504	6,821	29,307	23,042	28,710	28,620
Two Harbors (Agate Bay), Minn.....	216	84	99	106	18,948	14,224	19,004	15,932
All other.....	43,368	41,895	49,156	48,619	53,122	49,538	60,705	64,264

Source: Department of the Army, Corps of Engineers; figures through 1953, *Annual Report of Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

**No. 761.—FREIGHT CARRIED ON INLAND WATERWAYS, BY SYSTEM: 1940 TO 1956****[In thousands of ton-miles]**

SYSTEM	1940	1945	1950	1954 <sup>1</sup>	1955	1956
<b>Total.....</b>	<b>118,056,969</b>	<b>142,737,242</b>	<b>163,343,977</b>	<b>173,678,726</b>	<b>216,507,665</b>	<b>219,977,791</b>
Atlantic coast rivers.....	1,858,685	1,036,083	6,497,249	23,091,189	27,042,335	32,306,044
Gulf coast rivers.....	593,451	345,458	1,228,645	12,479,509	13,860,378	15,020,524
Pacific coast rivers.....	1,228,652	1,555,230	1,686,494	4,817,674	4,735,991	5,198,144
Mississippi River System <sup>2</sup> .....	13,934,427	19,595,193	33,597,816	42,609,492	52,019,333	56,785,586
Other waterways.....	9,524	9,277	7,720	6,075	4,530	2,976
Canals and connecting channels <sup>3</sup> .....	4,787,222	7,167,905	8,638,713			
Great Lakes system.....	95,645,008	113,028,096	111,687,340	91,174,887	118,845,098	110,664,517

<sup>1</sup> Coverage increased approximately 4 percent.

<sup>2</sup> Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers.

<sup>3</sup> Except Great Lakes. For 1954-1956, ton-miles distributed by inland waterway system.

Source: Department of the Army, Corps of Engineers; figures through 1953, *Annual Report of Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

**No. 762.—FREIGHT CARRIED ON GREAT LAKES SYSTEM: 1956****[In thousands of ton-miles]**

AREA	Total	DOMESTIC				FOREIGN	
		Lakewise	Coastwise	Internal	Local and intraport	Canadian	Overseas
<b>Total.....</b>	<b>110,664,517</b>	<b>93,616,115</b>	<b>60,414</b>	<b>748,889</b>	<b>126,851</b>	<b>15,563,396</b>	<b>548,852</b>
Lake Superior.....	33,436,519	29,868,167		259	163	3,565,372	2,558
St. Marys River.....	6,224,727	5,345,270		46		878,944	467
Lake Michigan, including Port of Chicago <sup>1</sup> .....	19,150,622	17,218,646	9,678	447,374	92,247	1,266,644	116,033
Lake Huron.....	25,415,719	22,073,378	7,193	20,072	2,004	3,215,303	97,769
St. Clair River, including channels in Lake St. Clair.....	6,205,651	5,367,530	1,667	5,766	3,064	804,699	22,925
Detroit River.....	3,493,847	3,004,521	2,180	5,001	4,582	462,965	14,593
Lake Erie, including upper Niagara River.....	14,231,255	10,622,918	22,195	110,636	24,787	3,327,887	122,832
Welland Canal.....	418,765	12,808	2,813	20,401	3	367,238	15,502
Lake Ontario, including lower Niagara River.....	1,476,143	98,357	14,688	121,423	1	1,149,811	91,863
St. Lawrence River, between St. Regis, Quebec, and Lake Ontario.....	611,269	4,520		17,911		524,533	64,305

<sup>1</sup> Comprises Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, and Calumet Harbor and River.

Source: Department of the Army, Corps of Engineers; *Waterborne Commerce of the United States*.

## No. 763.—FREIGHT CARRIED ON MISSISSIPPI RIVER SYSTEM: 1940 TO 1956

[In thousands. Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

YEAR	TRAFFIC IN SHORT TONS					TRAFFIC IN TON-MILES				
	Total	Inland	Coast-wise	Foreign		Total	Inland	Coast-wise	Foreign	
				Imports	Exports				Imports	Exports
1940-----	88,980	73,174	9,001	3,157	3,649	13,934,427	11,578,418	1,523,144	385,444	447,421
1945-----	95,543	82,081	4,954	3,114	5,394	19,595,193	17,737,830	849,230	340,228	667,905
1950-----	138,145	114,697	13,877	4,395	5,176	33,597,816	30,281,638	2,074,088	599,288	642,802
1951-----	154,637	128,575	14,192	5,069	6,801	36,754,185	33,003,533	2,193,272	692,411	864,969
1952-----	157,673	132,433	12,553	5,515	7,173	37,066,990	33,302,941	2,057,735	799,448	906,866
1953-----	169,392	142,569	14,162	5,762	6,900	42,357,919	38,289,640	2,333,601	825,018	908,660
1954-----	162,833	136,392	13,830	5,252	7,359	42,609,492	38,703,034	2,118,425	812,446	975,587
1955-----	194,363	163,760	16,060	6,296	8,248	52,019,333	47,417,668	2,473,056	1,046,148	1,082,461
1956-----	212,818	179,257	10,597	7,303	9,691	56,785,587	51,733,286	2,508,090	1,232,001	1,312,210

Source: Department of the Army, Corps of Engineers; figures through 1953, *Annual Report of Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

## No. 764.—COMMERCE ON SELECTED RIVERS, CANALS, AND CONNECTING CHANNELS OF THE UNITED STATES: 1940 TO 1956

[In thousands of short tons (cargo). Excludes general ferry traffic and non-regulated car ferry traffic]

WATERWAY	1940	1945	1950	1954	1955	1956
<b>RIVERS</b>						
Hudson River, N. Y. (Mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	11,516	5,747	14,574	18,527	20,203	21,178
Delaware River, Philadelphia, Pa., to Trenton, N. J.	4,410	4,261	7,086	9,828	11,010	11,436
Delaware River, Philadelphia, Pa., to the sea	27,658	20,558	69,283	79,569	86,754	100,131
Potomac River below Washington, D. C.	3,016	1,936	2,402	3,574	3,796	3,790
James River, Va.	2,649	1,469	3,663	4,689	5,197	5,520
Wilmington Harbor, N. C.	12,785	11,169	4,022	4,093	4,693	4,777
Black Warrior, Warrior, and Tombigbee Rivers, Ala.	1,890	1,492	2,603	3,019	4,221	4,409
San Joaquin River, Calif.	1,049	1,220	1,495	2,035	2,414	3,068
Columbia and Lower Willamette Rivers below Vancouver, Wash., and Portland, Oreg.	15,028	16,635	18,578	17,751	19,826	21,036
Columbia River from Vancouver, Wash., to The Dalles, Oreg.	1,884	1,417	2,845	3,047	3,216	3,395
Willamette River above Portland and Yamhill Rivers, Oreg.	3,067	2,877	3,948	4,109	4,290	4,848
Illinois Waterway, Ill.	5,729	6,591	16,421	19,311	21,363	23,377
Mississippi River, Minneapolis, Minn., to the Passes	32,372	43,969	66,923	82,404	94,042	104,212
Allegheny River, Pa.	3,929	2,416	3,594	3,868	4,722	5,245
Monongahela River, Pa. and W. Va.	29,560	26,556	28,510	28,937	37,618	36,955
Kanawha River, W. Va.	4,499	4,499	6,388	6,369	7,644	8,370
Ohio River, Pittsburgh to mouth	29,549	33,868	48,598	55,077	71,461	76,377
Cumberland River, Tenn., and Ky.	852	814	1,647	2,233	2,878	3,038
Tennessee River, Tenn., Ala., and Ky.	2,207	2,163	3,051	8,416	9,975	12,299
<b>FEDERAL CANALS AND CONNECTING CHANNELS</b>						
Cape Cod Canal, Mass.	7,901	14,684	13,625	12,930	13,388	14,032
Inland Waterway from Delaware River to Chesapeake Bay, Del. and Md.	3,795	3,690	7,298	8,816	9,151	10,709
Lake Charles Deep Water Channel, La.	8,601	10,288	12,164	14,143	14,901	17,085
Gulf Intracoastal Waterway, Apalachee Bay, Fla., to the Mexican border	11,643	23,045	31,520	36,982	41,379	45,354
Sabine-Neches Waterway, Tex.	38,433	26,318	48,385	53,524	56,234	62,790
Port Aransas (Aransas Pass) Corpus Christi Waterway, Tex.	14,180	13,074	21,132	23,076	24,330	25,145
Detroit River, Mich.	18,294	127,045	127,292	102,358	132,507	124,850
St. Marys Falls Canal, Mich.	89,360	112,983	106,140	83,616	114,649	108,756
Grays Reef Passage, Mich.	5,962	4,905	6,045	5,420	5,399	6,176
<b>STATE CANALS</b>						
New York State Barge Canal	4,768	2,969	4,616	3,859	4,616	4,858
Innerharbor Navigation Canal, La.	2,687	1,430	2,338	3,212	3,834	4,790

<sup>1</sup> Reported as "Cape Fear River at and below Wilmington, N. C."Source: Department of the Army, Corps of Engineers; figures through 1953, *Annual Report of Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.



# No. 765.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL, 1940 TO 1957, AND BY NATIONALITY OF VESSEL, 1957

[For years ending June 30. Comprises oceangoing tolls-paying vessels and foreign naval vessels of 300 net tons and over (Panama Canal measurement) for vessels rated on net tonnage, or 500 tons displacement and over for vessels rated on displacement tonnage]

YEAR	Number of transits	Net tonnage <sup>1</sup> (1,000)	Tolls (\$1,000)	Tons of cargo (1,000 long tons)	NATIONALITY OF VESSEL, 1957	Number of transits	Net tonnage <sup>1</sup> (1,000)	Tolls (\$1,000)	Tons of cargo (1,000 long tons)
1940-----	5,370	24,144	21,145	27,299	Chile-----	78	401	358	469
1941-----	4,727	20,643	18,158	24,951	China-----	54	247	218	404
1942-----	2,688	11,010	9,762	13,607	Colombia-----	207	533	478	281
1943-----	1,822	8,234	7,357	10,600	Denmark-----	331	1,466	1,294	1,361
1944-----	1,562	6,073	5,466	7,003	Ecuador-----	51	150	135	93
1945-----	1,939	8,381	7,244	8,604	Finland-----	33	139	122	139
1946-----	3,747	17,617	14,774	14,978	France-----	88	493	457	503
1947-----	4,260	20,233	17,597	21,671	Germany-----	689	2,750	2,389	2,837
1948-----	4,678	22,902	19,957	24,118	Great Britain-----	1,309	8,128	7,233	8,744
1949-----	4,793	23,473	20,541	25,805	Greece-----	118	603	537	1,100
1950-----	5,448	28,013	24,430	28,872	Honduras-----	394	731	607	335
1951-----	5,593	27,180	23,906	30,073	Italy-----	157	871	769	860
1952-----	6,524	30,674	26,923	33,611	Japan-----	553	3,119	2,806	3,924
1953-----	7,410	36,679	31,918	36,095	Liberia-----	690	3,933	3,385	6,184
1954-----	7,784	38,028	33,248	39,095	Netherlands-----	164	848	749	845
1955-----	7,997	38,568	33,849	40,646	Norway-----	913	4,869	4,239	5,401
1956-----	8,209	41,203	36,154	45,119	Panama-----	443	1,710	1,461	2,231
1957-----	8,579	43,628	38,444	49,702	Spain-----	40	136	121	152
					Sweden-----	160	851	762	785
					United States-----	1,919	11,015	9,730	12,729
					All other-----	188	636	592	824

<sup>1</sup> Panama Canal net.

Source: Panama Canal Company; annual report.

# No. 766.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY REGIONS: 1921 TO 1957

[In thousands of net tons. Excludes domestic trade]

YEARLY AVERAGE OR YEAR	ATLANTIC COAST		GULF COAST		PACIFIC COAST		Mexican border, total	NORTHERN BORDER	
	Total	With cargo	Total	With cargo	Total	With cargo		Total	With cargo
Entered:									
1921-1925-----	30,979	27,133	12,390	8,243	9,562	6,070	28	13,334	6,475
1926-1930-----	36,884	33,003	11,634	7,415	15,100	8,247	150	15,293	7,700
1931-1935-----	31,721	28,668	8,058	4,858	14,968	9,239	180	10,462	4,997
1936-1940-----	30,634	26,925	10,115	5,593	14,108	9,368	663	11,595	5,187
1941-1945-----	34,914	18,397	6,454	4,463	11,211	6,153	40	15,374	5,060
1946-1950-----	48,414	35,490	15,396	7,954	10,928	6,546	353	12,369	2,756
1951-1955-----	64,957	54,693	18,092	11,738	17,263	11,716	345	14,333	3,898
1952-----	64,833	52,080	18,328	10,543	17,789	11,133	313	15,112	3,907
1953-----	60,271	54,855	17,060	11,039	19,079	13,243	335	15,215	3,923
1954-----	61,952	56,568	18,416	13,096	16,462	12,292	367	12,327	3,528
1955-----	75,762	61,965	20,323	14,283	17,441	13,063	281	14,597	4,631
1956-----	86,067	66,503	24,033	15,452	20,424	15,322	241	17,077	5,542
1957-----	93,420	69,987	27,917	17,067	24,554	18,261	254	16,781	5,460
Cleared:									
1921-1925-----	30,837	24,284	12,833	9,589	9,880	8,360	28	13,075	9,236
1926-1930-----	36,361	28,696	12,326	10,641	15,658	13,148	95	15,819	10,504
1931-1935-----	30,658	23,563	9,018	8,079	15,411	13,220	127	10,351	7,309
1936-1940-----	30,472	22,459	11,064	9,601	14,752	13,394	677	11,575	9,412
1941-1945-----	35,545	27,351	7,636	6,494	13,082	11,288	40	15,489	12,657
1946-1950-----	47,766	31,273	15,757	13,446	11,032	9,702	332	12,301	10,819
1951-1955-----	65,261	38,063	17,870	14,269	17,649	15,770	433	14,234	12,002
1952-----	63,781	40,013	18,001	15,176	17,531	15,688	391	15,095	12,578
1953-----	60,179	33,431	17,343	14,021	17,654	17,139	451	15,308	12,957
1954-----	62,393	32,768	17,681	13,348	17,134	15,097	466	12,225	10,261
1955-----	76,412	42,336	20,057	14,901	17,897	16,099	440	14,561	11,830
1956-----	85,930	48,754	24,075	18,687	21,005	17,517	383	16,878	13,558
1957-----	92,803	53,545	28,042	21,972	24,675	19,491	435	16,624	13,654

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

# No. 767.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1921 TO 1957

[In thousands of net tons, except number of vessels and percentages. Excludes domestic trade. See also *Historical Statistics, 1789-1945, series K 146-157*]

YEARLY AVERAGE OR YEAR	ALL PORTS					SEAPORTS <sup>1</sup>					
	Number of vessels	All vessels			All vessels			With cargo			
		Total tonnage	U. S.	Foreign	Percent U. S.	Total tonnage	U. S.	Foreign	Total tonnage	U. S.	Foreign
ENTERED											
1921-1925.....	41,546	66,293	29,645	36,648	44.7	52,959	22,526	30,433	41,471	18,404	23,068
1926-1930.....	45,846	79,062	30,314	48,748	38.3	63,768	23,182	40,586	48,710	18,809	29,901
1931-1935.....	31,338	65,390	23,847	41,543	36.5	54,928	19,854	35,074	42,835	16,870	25,965
1936-1940.....	33,954	67,117	19,243	47,873	28.7	55,521	16,090	39,432	41,951	13,865	28,086
1941-1945.....	38,997	67,994	34,658	33,336	51.0	52,620	30,059	22,560	28,995	16,877	12,118
1946-1950.....	48,813	87,462	46,205	41,257	52.8	75,094	42,168	32,926	50,288	26,318	23,970
1951-1955.....	48,082	114,990	39,459	75,531	34.3	100,657	35,345	65,313	78,407	26,759	51,649
1945.....	48,318	94,021	61,375	32,646	65.3	81,182	56,499	24,682	37,992	26,080	11,912
1946.....	48,082	80,258	53,045	27,213	66.1	69,520	49,143	20,378	36,348	23,437	12,911
1947.....	50,449	93,796	53,627	40,170	57.2	80,889	49,044	31,844	43,872	26,029	17,843
1948.....	50,238	90,927	47,726	43,199	52.5	76,910	43,270	33,640	51,044	28,107	22,937
1949.....	48,368	85,700	41,251	44,451	48.1	74,701	37,626	37,076	56,403	27,479	28,924
1950.....	46,926	86,629	35,376	51,251	40.8	73,451	31,757	41,693	63,771	26,536	37,235
1951.....	48,466	108,086	44,571	63,515	41.2	93,674	40,482	53,192	66,868	28,005	38,863
1952.....	50,076	116,375	45,223	71,152	38.9	101,263	40,732	60,532	73,973	28,496	45,477
1953.....	47,802	112,559	39,319	73,240	34.9	97,344	34,969	62,375	79,410	26,794	52,616
1954.....	45,651	109,524	33,860	75,664	30.9	97,198	30,133	67,065	82,234	25,167	57,067
1955.....	48,415	128,405	34,321	94,084	26.7	113,807	30,407	83,400	89,552	25,331	64,220
1956.....	52,999	147,844	36,247	111,598	25.5	130,767	31,254	99,514	97,442	26,224	71,218
1957.....	65,808	162,925	35,898	127,027	22.0	146,144	31,189	114,956	105,304	24,915	80,389
CLEARED											
1921-1925.....	40,120	66,653	29,554	37,099	44.3	53,578	22,556	31,022	42,233	14,974	27,259
1926-1930.....	44,082	79,760	30,709	49,051	38.5	64,441	23,338	41,102	52,581	17,071	35,510
1931-1935.....	30,520	65,565	23,616	41,949	36.0	55,214	19,653	35,561	44,990	15,729	29,261
1936-1940.....	32,706	68,541	19,448	49,093	28.4	56,967	16,302	40,665	46,126	13,116	33,009
1941-1945.....	38,195	71,792	37,283	34,509	51.9	56,304	32,585	23,718	45,147	26,377	18,770
1946-1950.....	45,135	87,190	44,942	42,244	51.5	74,889	40,933	33,953	54,584	29,510	25,073
1951-1955.....	45,324	115,447	39,533	75,914	34.2	101,213	35,531	65,682	68,396	25,407	42,989
1945.....	46,210	94,559	61,460	33,099	65.0	81,452	56,332	25,120	63,992	44,705	19,286
1946.....	44,464	77,225	49,124	28,101	63.6	66,376	45,113	21,263	47,828	31,963	15,865
1947.....	48,374	97,160	54,088	43,072	55.7	84,508	49,558	34,949	67,483	38,783	28,700
1948.....	46,067	89,449	45,775	43,667	51.2	75,714	41,348	34,358	56,154	29,840	26,314
1949.....	43,503	84,286	39,681	44,604	47.1	73,063	36,136	36,927	52,759	25,446	27,313
1950.....	43,268	87,829	36,043	51,778	41.0	74,785	32,510	42,269	48,695	21,520	27,175
1951.....	45,753	110,236	46,763	63,472	42.4	96,257	43,024	53,233	70,756	32,356	38,400
1952.....	46,501	114,797	43,726	71,071	38.1	99,703	39,273	60,429	71,111	29,451	41,660
1953.....	44,757	112,935	39,188	73,747	34.7	97,627	34,775	62,852	64,889	24,786	40,103
1954.....	42,966	109,899	33,579	76,321	30.6	97,674	29,969	67,706	61,561	19,679	41,883
1955.....	46,642	129,368	34,407	94,961	26.6	114,806	30,615	84,192	73,663	20,763	52,900
1956.....	50,735	148,266	36,317	111,952	24.5	131,391	31,510	99,881	85,285	21,262	64,023
1957.....	52,687	162,578	35,118	127,460	21.6	145,954	30,569	115,385	95,379	22,067	73,312

<sup>1</sup> Comprises all ports except northern border ports.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States* and records.

No. 768.—UNITED STATES FLAG STEAM AND MOTOR MERCHANT VESSELS: 1940 TO 1957

[Dead-weight tonnage in thousands. As of June 30, except as indicated. Covers seagoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types and vessels employed on Great Lakes]

YEAR AND TYPE OF VESSEL	ACTIVE VESSELS										TEMPORARILY INACTIVE	RESERVE FLEET		SPECIAL SERVICE				
	ALL VESSELS		Foreign trade		Domestic trade				Num-ber	Tons		Num-ber	Tons	Num-ber	Tons			
	Num-ber	Tons	Num-ber	Tons	Total	Coastwise		Intercoastal								Noncontiguous		
						Num-ber	Tons	Num-ber								Tons	Num-ber	Tons
1940.....	1,300	11,019	1,118	9,643	425	3,749	693	5,893	500	4,172	122	1,189	71	532	1	1	10	
Combination.....	140	873	112	696	66	514	46	182	36	129	7	8	9	45	28	---	---	
Cargo.....	790	6,020	641	4,882	291	2,443	350	2,438	188	988	109	1,033	53	417	148	---	10	
Tankers.....	370	4,126	365	4,065	68	791	207	3,273	276	3,064	12	148	9	70	5	---	---	
1946 (Sept. 30).....	4,852	50,263	2,332	25,399	1,890	20,592	442	4,907	297	3,480	54	563	91	757	533	4,998	16,138	
Combination.....	117	800	25	165	15	127	10	38	---	---	---	---	91	38	28	4,998	16,138	
Cargo.....	3,829	36,675	1,833	18,110	1,607	16,200	226	1,910	101	728	53	561	72	617	450	4,198	11,069	
Tankers.....	906	12,785	474	7,122	268	4,264	206	2,858	196	2,751	1	2	9	101	55	624	8,566	
1950.....	3,408	36,526	1,145	13,828	711	8,353	434	5,474	279	3,716	87	1,131	68	626	86	845	21,853	
Combination.....	83	639	51	417	45	389	6	28	---	---	---	---	6	28	4	27	28	
Cargo.....	2,846	28,927	682	7,075	505	5,367	177	1,708	66	559	58	649	53	500	42	384	2,123	
Tankers.....	479	6,959	412	6,335	161	2,597	251	3,737	213	3,167	29	482	9	98	40	434	27	
1955.....	3,235	35,017	1,026	12,872	601	6,992	425	5,880	271	3,999	75	996	79	885	89	1,099	1,983	
Combination 1.....	249	1,687	40	371	39	361	1	10	---	---	---	---	10	14	14	1,099	1,983	
Cargo.....	2,560	26,539	652	7,033	492	5,383	160	1,650	43	385	52	591	65	674	28	288	1,760	
Tankers.....	426	6,790	334	5,468	70	1,248	264	4,220	228	3,614	23	405	13	201	47	742	388	
1956.....	3,150	34,052	1,046	13,177	644	7,538	402	5,639	281	4,269	40	457	81	913	51	567	1,972	
Combination 2.....	247	1,683	39	369	38	339	1	10	---	---	---	---	10	14	2	20	197	
Cargo.....	2,511	26,007	673	7,257	524	5,688	149	1,569	42	411	40	457	67	701	37	355	1,736	
Tankers.....	392	6,363	334	5,550	82	1,489	252	4,061	239	3,838	13	202	12	192	39	178	493	
1957.....	3,032	32,900	1,120	14,001	721	8,406	399	5,595	262	4,082	59	674	78	839	38	437	1,795	
Combination 2.....	230	1,594	41	393	38	363	3	30	---	---	---	---	30	30	9	180	17,590	
Cargo.....	2,450	25,412	772	8,324	611	6,649	161	1,675	141	398	55	615	63	682	27	250	1,601	
Tankers.....	352	5,894	307	5,284	72	1,393	235	3,891	221	3,694	4	60	10	147	11	187	14	

<sup>1</sup> All inactive vessels.

<sup>2</sup> Includes ships originally constructed as cargo ships but converted to transports, hospital ships, etc., previously included in cargo classification as follows: 1955 and 1956, 181 ships of 1,124,000 tons each year; 1957, 177 ships of 1,093,800 tons.

Source: Department of Commerce, Maritime Administration; records.

## No. 769.—MERCHANT VESSELS COMPLETED BY U. S. SHIPYARDS: 1920 to 1957

[Represents self-propelled steel vessels of 2,000 gross tons and over]

YEAR	ALL MERCHANT VESSELS		PASSENGER-CARGO/TRANSPORT			CARGO			TANKER		
	Number	Gross tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons
1920.....	467	2,395,545	12	99,911	111,000	375	1,758,086	2,695,753	80	537,548	778,027
1925.....	12	83,916	3	18,850	11,470	9	65,066	92,200	2	19,022	29,760
1930.....	18	163,500	5	50,311	39,269	2	15,824	24,000	11	97,365	161,219
1935.....	2	19,022	---	---	---	---	---	---	2	19,022	29,760
1940.....	53	444,727	6	68,943	61,222	31	227,275	334,660	16	148,509	238,352
1941.....	95	749,108	6	58,107	56,515	61	423,022	597,943	28	267,979	434,039
1942.....	724	5,392,848	11	101,847	81,290	652	4,678,880	6,842,689	61	612,121	982,381
1943.....	1,661	12,485,629	20	219,760	180,047	1,410	10,103,245	14,921,082	231	2,162,624	3,420,405
1944.....	1,463	11,403,163	48	461,291	330,311	1,175	8,455,475	11,857,797	240	2,486,397	3,954,957
1945.....	1,041	7,614,898	46	509,163	311,046	807	5,336,152	7,206,201	188	1,769,593	2,787,397
1946.....	83	645,706	9	76,719	84,667	66	487,354	728,583	8	81,633	120,900
1947.....	39	247,327	8	73,664	68,255	28	154,402	223,657	3	19,261	36,186
1948.....	24	158,915	1	15,359	10,513	17	92,049	158,863	6	51,507	87,693
1949.....	33	540,559	---	---	---	---	---	---	33	540,559	863,292
1950.....	26	404,617	---	---	---	3	26,854	43,500	23	377,763	608,593
1951.....	10	147,569	2	47,438	23,580	4	28,993	42,994	4	71,138	116,458
1952.....	31	398,750	6	101,430	56,650	17	169,979	288,638	8	127,841	202,454
1953.....	45	570,395	1	4,244	3,560	22	212,305	323,789	22	353,846	554,831
1954.....	39	585,052	1	4,000	6,000	11	106,171	159,840	27	474,881	763,503
1955.....	9	119,104	---	---	---	7	84,110	95,289	2	34,994	55,414
1956.....	8	113,298	---	---	---	2	6,844	15,032	6	106,454	169,377
1957.....	19	297,350	---	---	---	3	7,885	6,350	16	289,465	456,694

Source: American Bureau of Shipping, New York, N. Y.; published annually in *The Bulletin*.

## No. 770.—EMPLOYEES IN GOVERNMENT AND PRIVATE SHIPYARDS, 1930 TO 1957, AND BY REGION, 1955 TO 1957

[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 <sup>1</sup>	Navy yards <sup>2</sup>	YEAR AND REGION	Total	Private yards <sup>1</sup>	Navy yards <sup>2</sup>
1930.....	85.2	63.9	21.4	1955:			
1935.....	68.5	48.7	19.8	North Atlantic <sup>3</sup> .....	87.2	40.3	46.9
1940.....	180.3	102.7	77.5	South Atlantic <sup>4</sup> .....	36.2	15.6	20.6
1941.....	377.0	236.0	141.0	Gulf <sup>5</sup> .....	22.2	22.2	---
1942.....	1,004.0	761.7	242.3	Pacific <sup>6</sup> .....	53.4	13.9	39.5
1943.....	1,655.5	1,336.9	318.6	Great Lakes <sup>7</sup> .....	4.0	4.0	---
1944.....	1,568.6	1,242.5	326.1	Inland <sup>8</sup> .....	5.1	5.1	---
1945.....	1,033.9	741.9	292.0	1956:			
1946.....	354.1	210.0	144.1	North Atlantic <sup>3</sup> .....	87.5	43.0	44.5
1947.....	224.0	137.3	86.6	South Atlantic <sup>4</sup> .....	35.8	15.9	19.9
1948.....	213.9	124.2	89.7	Gulf <sup>5</sup> .....	25.7	25.7	---
1949.....	171.8	88.1	83.7	Pacific <sup>6</sup> .....	52.5	15.3	37.2
1950.....	145.7	72.0	73.6	Great Lakes <sup>7</sup> .....	5.0	5.0	---
1951.....	223.3	102.2	121.2	Inland <sup>8</sup> .....	5.1	5.1	---
1952.....	267.6	134.2	133.4	1957:			
1953.....	255.0	131.2	123.8	North Atlantic <sup>3</sup> .....	93.9	50.0	44.0
1954.....	218.3	108.5	109.8	South Atlantic <sup>4</sup> .....	36.8	17.9	19.0
1955.....	208.0	101.0	107.0	Gulf <sup>5</sup> .....	31.6	31.6	---
1956.....	211.6	110.0	101.6	Pacific <sup>6</sup> .....	50.1	15.4	34.8
1957.....	225.2	127.5	97.7	Great Lakes <sup>7</sup> .....	6.7	6.7	---
				Inland <sup>8</sup> .....	6.0	6.0	---

<sup>1</sup> Comprises full- and part-time employees who worked during or received pay for any part of the pay period ending nearest the 15th of the month and have been adjusted to 1st quarter 1956 benchmark levels indicated by data from Government social insurance programs.<sup>2</sup> Prepared by Department of the Navy, Bureau of Ships. Beginning 1940, includes Curtis Bay Coast Guard yard (Md.).<sup>3</sup> Comprises yards bordering on the Atlantic in Conn., Del., Maine, Md., Mass., N. H., N. J., N. Y., Pa., R. I., Vt.<sup>4</sup> Comprises yards bordering on the Atlantic in Fla., Ga., N. C., S. C., Va.<sup>5</sup> Comprises yards bordering on the Gulf of Mexico in Ala., Fla., La., Miss., Texas.<sup>6</sup> Comprises yards in Calif., Oreg., Wash.<sup>7</sup> Comprises yards bordering on Great Lakes in Ill., Mich., Minn., N. Y., Ohio, Pa., Wis.<sup>8</sup> Comprises all other yards.Source: Department of Labor, Bureau of Labor Statistics; current data published monthly in *Employment and Earnings*.

## No. 771.—EMPLOYMENT ON AMERICAN FLAG MERCHANT VESSELS: 1925 TO 1957

[As of June 30 except as indicated. Estimates of personnel employed on U. S. merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, the United States Army and Navy, and special types such as cable ships, tugs, etc.]

DATE	Employment	DATE	Employment	DATE	Employment
1925.....	56,750	1939.....	52,000	1952.....	79,650
1926.....	58,630	1940.....	49,810	1953.....	72,750
1927.....	61,430	1941.....	51,280	1954.....	68,850
1928.....	61,100	1942.....	47,410	1955.....	57,507
1929.....	64,480	1943 (June 20).....	75,000	1956: Mar. 31.....	56,294
1930.....	64,250	1944 (June 20).....	125,290	June 30.....	57,192
1931.....	58,780	1945 (June 20).....	158,860	Sept. 30.....	57,116
1932.....	54,000	1946 (June 20).....	120,050	Dec. 31.....	58,185
1933.....	54,380	1947 (Dec. 20).....	110,820	1957: Mar. 31.....	60,556
1934.....	55,100	1948.....	80,250	June 30.....	61,059
1935.....	56,150	1949.....	71,970	Sept. 30.....	56,036
1936.....	57,200	1950.....	61,550	Dec. 31.....	53,537
1937.....	59,150	1951.....	84,300		
1938.....	49,800				

Source: Department of Commerce, Maritime Administration; records.

## No. 772.—BASIC WAGE SCALE FOR ABLE-BODIED SEAMEN: 1918 TO 1957

[Represents basic wage, over and above subsistence (board and room), paid to seamen having qualifying experience and employed on American flag merchant vessels. Excludes overtime and fringe benefits]

EFFECTIVE DATE	Monthly wage rate	EFFECTIVE DATE	Monthly wage rate	EFFECTIVE DATE	Monthly wage rate
May 4, 1918.....	\$75.00	Jan. 1, 1933.....	\$52.00	Oct. 1, 1947.....	\$197.50
July 28, 1918.....	85.00	Jan. 1, 1934.....	52.00	Mar. 1, 1948.....	210.00
May 1, 1920.....	85.00	Jan. 1, 1935.....	55.00	Dec. 3, 1948.....	226.00
May 1, 1921.....	72.50	Jan. 1, 1936.....	60.00	Sept. 30, 1950.....	248.50
Jan. 1, 1922.....	58.12	Jan. 1, 1937.....	64.00	Oct. 1, 1951.....	288.00
Jan. 1, 1923.....	49.44	Nov. 1, 1937.....	72.50	Apr. 27, 1952.....	302.40
Jan. 1, 1924.....	60.00	Oct. 31, 1938.....	72.50	June 16, 1953.....	314.41
Jan. 1, 1925.....	59.00	Jan. 1, 1939.....	72.50	June 16, 1954.....	1 314.41
Jan. 1, 1926.....	60.00	Jan. 1, 1940.....	72.50	Oct. 30, 1954.....	2 302.00
Jan. 1, 1927.....	77.00	Feb. 10, 1941.....	90.00	June 16, 1955.....	1 314.41
Jan. 1, 1928.....	60.00	Jan. 1, 1942.....	100.00	Nov. 22, 1955.....	2 423.00
Jan. 1, 1929.....	64.00	Oct. 1, 1945.....	145.00	June 16, 1956.....	1 333.27
Jan. 1, 1930.....	61.00	Apr. 1, 1946.....	162.50	Oct. 1, 1956.....	2 453.00
Jan. 1, 1931.....	60.00	June 15, 1946.....	172.50	June 16, 1957.....	1 353.27
Jan. 1, 1932.....	56.00	Feb. 1, 1947.....	182.85	October 1, 1957.....	2 478.00

<sup>1</sup> East coast; basic wage rate excludes any overtime payments.

<sup>2</sup> West coast; effective November 1955 the wage scale is based on 56 hours at sea and 40 hours in port for watchstanders. Penalty overtime is included in the basic wage.

Source: Department of Commerce, Maritime Administration; *Annual Report of Commission of Navigation, Collective Bargaining Agreements*, and records.

## No. 773.—U. S. MERCHANT MARINE—SUMMARY: 1900 TO 1957

[As of June 30 for 1900 to 1940; January 1, thereafter. Covers documented vessels of 5 net tons or more. See also *Historical Statistics, 1789-1948*, series K 94-104 and K 124-126]

YEAR	NUMBER OF VESSELS			GROSS TONNAGE OF VESSELS (1,000)							
	Total	Steam and motor	All other	Total	Major class			Material of which built		Type of trade in which engaged <sup>2</sup>	
					Steam and motor	Sailing	Un-rigged	Metal <sup>1</sup>	Wood	Foreign trade	Coast-wise and internal
1900.....	23,333	7,053	16,280	5,165	2,658	1,885	622	1,593	3,572	817	4,287
1910.....	25,740	12,452	13,288	7,508	4,900	1,655	952	4,117	3,391	783	6,669
1915.....	26,701	15,948	10,753	8,389	5,944	1,384	1,061	5,305	3,085	1,863	6,486
1920.....	28,183	18,814	9,369	16,324	13,823	1,272	1,228	12,448	3,876	9,925	6,358
1925.....	26,367	18,637	7,730	17,406	14,976	1,125	1,304	14,499	2,907	8,151	9,216
1930.....	25,214	18,211	7,003	16,068	13,757	757	1,554	13,514	2,554	6,296	9,723
1935.....	24,919	18,495	6,424	14,654	12,535	441	1,677	12,469	2,185	4,560	10,049
1940.....	27,212	19,504	7,708	14,018	11,353	200	2,466	( <sup>3</sup> )	( <sup>3</sup> )	3,638	10,352
1941.....	27,075	19,382	7,693	13,722	11,047	182	2,493	11,393	2,329	3,047	10,654
1942.....	27,325	19,471	7,854	13,860	11,072	166	2,621	11,641	2,218	4,109	9,744
1943.....	27,612	19,974	7,638	16,762	14,052	142	2,568	14,647	2,115	9,285	7,471
1944.....	28,660	21,511	7,179	25,795	23,217	129	2,449	23,837	1,959	18,685	7,105
1945.....	29,797	22,772	7,025	32,813	30,247	115	2,452	30,898	1,915	26,043	6,766
1946.....	31,386	24,355	7,031	38,501	35,928	98	2,475	36,571	1,929	29,705	8,791
1947.....	32,760	25,532	7,228	37,832	35,149	95	2,588	35,897	1,936	26,535	11,294
1948.....	33,843	26,633	7,210	33,167	30,469	87	2,611	31,211	1,956	22,021	11,143
1949.....	35,264	27,862	7,402	32,182	29,323	87	2,771	30,212	1,969	20,664	11,525
1950.....	36,083	28,793	7,290	31,215	28,327	82	2,806	29,263	1,952	19,154	12,048
1951.....	36,745	29,429	7,316	30,341	27,424	71	2,846	28,417	1,924	18,876	11,462
1952.....	37,389	30,189	7,200	30,416	27,459	66	2,891	28,559	1,857	19,279	11,134
1953.....	38,072	30,791	7,281	30,546	27,507	55	2,984	28,761	1,785	19,007	11,537
1954.....	39,008	31,565	7,443	30,764	27,631	46	3,087	28,982	1,782	18,974	11,787
1955.....	39,242	31,882	7,360	29,958	26,792	40	3,125	28,336	1,022	18,143	11,812
1956.....	39,499	32,030	7,469	29,610	26,251	34	3,326	28,073	1,537	17,765	11,843
1957.....	40,191	32,423	7,768	29,421	25,785	24	3,612	27,935	1,486	17,265	12,154

AREA OF LOCATION	NUMBER OF VESSELS					GROSS TONNAGE OF VESSELS (1,000)				
	1950	1954	1955	1956	1957	1950	1954	1955	1956	1957
Total.....	36,083	39,008	39,242	39,499	40,191	31,215	30,764	29,958	29,610	29,421
Atlantic and Gulf <sup>4</sup> .....	21,623	23,433	23,355	23,298	23,737	20,420	21,147	20,402	19,823	19,642
Pacific <sup>4</sup> .....	10,066	10,632	10,687	10,715	10,667	8,446	7,152	7,004	7,129	6,964
Northern lakes.....	2,026	2,015	2,005	2,000	1,982	1,628	1,616	1,590	1,558	1,569
Western rivers.....	2,368	2,928	3,195	3,486	3,825	721	849	962	1,100	1,247

<sup>1</sup> Comprises iron, steel, composite, concrete, and aluminum.

<sup>2</sup> Excludes vessels engaged in whale, cod, and mackerel fisheries.

<sup>3</sup> Not available.

<sup>4</sup> Includes Puerto Rico and Virgin Islands.

<sup>5</sup> Includes Hawaii and Alaska.

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*

No. 774.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS,  
BY YEAR OF BUILD: 1957

[As of January 1. Covers documented vessels of 5 net tons or more]

YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons
Total	40,191	29,421,255	1933	304	55,997	1945	1,809	4,356,807
Unknown	707	59,217	1934	387	32,823	1946	1,508	599,521
1822-1900	786	252,464	1935	551	38,007	1947	1,402	269,736
1901-1905	649	391,325	1936	731	93,422	1948	1,266	228,597
1906-1910	964	911,874	1937	816	112,030	1949	1,155	219,473
			1938	722	99,533	1950	1,029	225,691
1911-1915	1,358	337,764	1939	739	157,716	1951	1,116	338,524
1916-1920	1,786	550,332	1940	871	360,893	1952	1,138	454,448
1921-1925	1,946	533,116	1941	929	475,537	1953	1,340	653,081
1926-1930	3,428	661,760	1942	1,540	3,300,944	1954	1,316	611,305
1931	499	63,829	1943	2,203	6,576,008	1955	1,276	438,109
1932	335	117,438	1944	2,200	5,398,317	1956	1,385	445,617

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 775.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS  
BUILT, AND REMOVED: 1940 TO 1956

[Covers documented vessels of 5 net tons or more. Vessels may be added to merchant marine by way of redocumentation. However, figures are available only for vessels documented. See also *Historical Statistics, 1789-1945*, series K 105-123]

YEAR	VESSELS BUILT AND DOCUMENTED				GROSS TONNAGE OF VESSELS REMOVED (1,000)				
	Number	Gross tonnage (1,000)			Total	Lost and abandoned	Sold to aliens <sup>2</sup>	Sold to United States	All other
		Total <sup>1</sup>	Steam and motor	Unrigged					
1940	705	447	386	61	1,697	274	1,114	( <sup>3</sup> )	308
1941	703	647	586	61	1,064	127	333	245	358
1942	1,108	4,544	4,504	40	1,876	168	70	323	1,316
1943	1,901	10,432	10,340	92	1,727	199	102	216	1,210
1944	1,723	8,032	8,009	23	1,425	417	104	288	616
1945	1,744	6,314	6,259	55	901	138	75	198	490
1946	1,278	548	510	39	1,745	344	1,193	87	121
1947	1,259	267	186	81	5,914	237	4,930	383	345
1948	1,118	200	108	92	1,713	245	1,207	136	124
1949	978	195	85	110	1,380	449	330	404	196
1950	861	194	103	91	1,238	163	488	147	440
1951	992	309	165	144	454	123	75	30	226
1952	990	437	313	124	441	77	191	( <sup>4</sup> )	173
1953	1,190	634	477	157	547	90	107	7	342
1954	1,186	589	369	220	1,538	147	949	( <sup>4</sup> )	442
1955	1,116	400	117	283	866	63	418	( <sup>4</sup> )	384
1956	1,385	446	152	293	890	60	274	-----	557

<sup>1</sup> Includes small amount of tonnage for sailing vessels for certain years.

<sup>2</sup> Beginning 1954, sold or transferred to aliens.

<sup>3</sup> Included in All other.

<sup>4</sup> Less than 500 gross tons.

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

# No. 776.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS, BY TONNAGE GROUPING: 1957

[As of January 1. Covers documented vessels of 5 net tons or more]

TONNAGE GROUPING	ALL VESSELS		STEAM		MOTOR		SAILING		UNRIGGED	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
<b>Total</b> .....	40,191	29,421	3,628	23,788	28,795	1,998	193	24	7,575	3,612
5 to 49 tons.....	24,030	424	39	1	23,192	402	188	2	631	19
50 to 99 tons.....	3,323	231	87	7	2,864	197	7	(1)	365	26
100 to 499 tons.....	6,554	1,763	299	70	2,306	459	7	2	3,942	1,232
500 to 999 tons.....	2,345	1,603	76	54	179	118	6	5	2,084	1,426
1,000 to 2,499 tons.....	711	1,985	107	176	125	161	2	3	477	645
2,500 to 4,999 tons.....	282	1,047	117	460	88	324	3	11	74	252
5,000 to 9,999 tons.....	2,565	18,816	2,528	18,538	35	266	-----	-----	2	11
10,000 to 19,999 tons.....	370	4,279	364	4,209	6	70	-----	-----	-----	-----
20,000 tons and over.....	11	273	11	273	-----	-----	-----	-----	-----	-----

1 Less than 500 gross tons.

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

# No. 777.—MERCHANT VESSELS LAUNCHED AND OWNED, FOR THE WORLD AND THE UNITED STATES: 1910 TO 1957

[Vessels of 100 gross tons and over. Beginning 1941, excludes sailing ships, nonpropelled craft, and all ships built of wood]

YEAR	WORLD				UNITED STATES			
	Launched <sup>1</sup>		Owned		Launched <sup>1</sup>		Owned	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1910.....	1,426	2,588	29,943	41,884	140	222	3,380	5,018
1915.....	1,637	4,016	30,643	49,246	605	2,217	3,180	5,846
1920.....	942	2,582	31,484	57,281	99	315	5,381	15,997
1925.....	873	2,469	32,905	64,638	74	159	4,790	15,314
1930.....	484	1,020	32,713	69,608	25	83	4,105	13,947
1935.....	1,040	2,595	30,979	64,886	117	244	3,585	12,773
1939.....	(2)	(2)	31,186	69,440	(2)	(2)	3,270	11,874
1940.....	495	1,754	(3)	(3)	167	579	(3)	(3)
1941.....	480	2,487	(3)	(3)	184	1,035	(2)	(3)
1942.....	1,285	7,812	(3)	(3)	861	5,671	(3)	(3)
1943.....	2,067	13,881	(3)	(3)	1,620	11,577	(3)	(3)
1944.....	1,690	11,157	(3)	(3)	1,237	9,332	(3)	(3)
1945.....	1,311	7,189	(3)	(3)	880	5,968	(2)	(3)
1946.....	655	2,108	(3)	(3)	95	501	(3)	(3)
1947.....	741	2,093	(3)	(3)	61	163	(3)	(3)
1948.....	840	2,303	26,479	79,714	49	126	4,807	29,060
1949.....	899	3,126	27,194	81,954	66	633	4,605	27,707
1950.....	990	3,489	27,922	83,996	51	437	4,531	27,404
1951.....	1,002	3,639	28,874	86,678	58	164	4,484	27,226
1952.....	1,065	4,394	28,751	89,636	64	468	4,458	27,139
1953.....	1,134	5,095	29,174	92,826	68	528	4,431	27,144
1954.....	1,223	5,251	29,766	96,899	46	477	4,404	27,252
1955.....	1,437	5,315	29,967	100,069	26	73	4,225	26,343
1956.....	1,815	6,070	30,620	104,720	50	169	4,157	26,074
1957.....	1,950	8,501	31,421	109,778	54	359	4,116	25,843

<sup>1</sup> Figures for 1910 to 1935 represent annual average of 5-year span beginning with the year shown; for example, the figure shown for 1910 is the annual average for 1910 to 1914, that for 1915, the annual average for 1915 to 1919, etc.

<sup>2</sup> See 1935 average.

<sup>3</sup> Not recorded.

Source: Lloyd's Register of Shipping, London; records.



## Section 23

### Irrigation, Drainage, and Soil Conservation

This section presents statistics concerning agricultural land development, in particular, measures of the activities of irrigation and drainage enterprises, and reclamation and land conservation projects. The primary sources for these data are the Bureau of the Census which conducts decennially a Census of Drainage and a Census of Irrigation (as part of the Census of Agriculture), and a mid-decade Census of Agriculture which covers fewer items in these fields; the *Report of Administrator of Soil Conservation Service*, issued by the Soil Conservation Service of the Department of Agriculture; *Crop Summary and Related Data, Federal Reclamation Projects*, issued annually by the Bureau of Reclamation, Department of the Interior; and the *Annual Report of the Commissioner of Reclamation* to the Secretary of the Interior.

**Irrigation.**—Irrigated land as defined by the Bureau of the Census is the net acreage of farm land to which irrigation water is applied. It does not include land that could be irrigated, or usually is irrigated, but was not irrigated during the census year. Excluded also is uncultivated land (roads, farmsteads) in irrigated farms and irrigated nonfarm land (cemeteries, parks, golf courses, etc.).

Most of the irrigated land is located in the 17 Western States and Arkansas, Louisiana, and Florida. In these States the Bureau of the Census collects information on acres irrigated, irrigation works, capital investment, and a number of other items from irrigation companies, districts, and other organizations, and from farms that operate their own irrigation supply works. Information for the other States, excepting special surveys, is limited to that reported in the regular farm census.

The development of irrigation projects rests primarily on the Bureau of Reclamation. By Congressional directive its activities are confined to the 17 Western States and Alaska. The operation of irrigation works, upon complete development, is transferred to capable private water user organizations.

**Drainage.**—Most farm land drainage works serve to reclaim and improve the land. Other purposes are to protect the land against overflow, and to rid the land of seepage from irrigation ditches or for control of alkali formation.

The farm lands of the Eastern States need drainage to remove surplus rainfall. Most of this is gravity drainage, although pumps are sometimes used. In the Western States drainage serves to remove seepage water from irrigated lands and to carry off alkali salts.

The Bureau of the Census in 1950 enumerated, in general, only those organized enterprises with 500 acres or more of drained farm land. A few irrigation enterprises of smaller size which had their own drainage works were also included. In previous Censuses (1910 to 1940) all organized enterprises draining farm lands were included in the enumeration regardless of size. Privately drained lands of less than 500 acres have not been enumerated in any of the four drainage censuses. The change in Census procedure for 1950 materially reduced the number of enterprises enumerated, but affected very little the amount of drained land enumerated.

In taking the 1950 Census, differences in form of organization and management of drainage enterprises made it necessary to divide arbitrarily the 40 States with drain-

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Note.—This section presents data for the most recent year or period available on May 16, 1958, when the material was organized and sent to the printer.

age enterprises into two groups: The 10 "county-drain" States and the 30 "drainage-district" States. The 8 States with no drainage enterprises are the 6 New England States, Pennsylvania, and West Virginia. In the 10 "county-drain" States (Delaware, Indiana, Iowa, Kentucky, Michigan, Minnesota, North Dakota, Ohio, Oklahoma, South Dakota), statistics were gathered for the county as a unit, rather than for each separate enterprise as for the 30 "drainage-district" States. Generally, the maintenance work on existing ditches has been done by reorganizing the land of an earlier enterprise into a new project. Since the number of enterprises for "county-drain" States would be meaningless, the number was not obtained for these 10 States.

In the Western States most of the drained land is located in irrigation enterprises which were chartered to do both irrigation and drainage work under one organization. The cost of construction, operation, and maintenance of the irrigation works is usually far greater than that for drainage. Separate records are seldom kept of expenditures for drainage and irrigation. Data were not included in the 1950 Census for cost, collections, and indebtedness of irrigation enterprises having their own drainage. Therefore, the data for 1950 are not fully comparable with those for earlier years.

**Soil conservation.**—Basic soil conservation district legislation has now been enacted in all of the 48 States and 4 of the Territories and possessions. Each of these laws contains an effective date after which soil conservation districts could be organized by local farmers and operators. A soil conservation district is a political subdivision of a State which is determined by petition and referendum of farmers residing in the area, and approved by the State Soil Conservation Committee. Districts, in most cases, have authority to solicit Federal, State, county, and private assistance in carrying on their soil and water conservation program within the area. On request of the local governing body of each soil conservation district, the Department of Agriculture provides technical and other assistance to districts, through its several agencies. "Memorandums of understanding" form the basis on which any departmental assistance is provided to a district for use on the farms and ranches within the district. After the basic memorandum with the Department has been signed, the Soil Conservation Service signs a supplemental memorandum with each district governing body requesting assistance, to cover activities which the Soil Conservation Service will help each district to carry out.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series F 56-59") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

## No. 778.—IRRIGATION ENTERPRISES—SUMMARY: 1910 TO 1950

[Data are for the 17 Western States, Arkansas, Louisiana, and, for 1940 and 1950, Florida. Tables 778 and 780 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of management of enterprises. An enterprise is defined as "an independent irrigation establishment owning or operating works for supplying water to agricultural land." See also *Historical Statistics, 1789-1945*, series F 56-59]

ITEM	1910	1920	1930	1940	1950
Approximate land area.....1,000 acres.....	1,224,063	1,223,989	1,223,989	1,259,784	1,258,972
Farms (irrigated and nonirrigated) <sup>2</sup> .....number.....	1,776,046	1,916,391	2,062,813	1,960,093	1,669,447
Land in all farms <sup>2</sup> .....1,000 acres.....	416,463	505,441	568,694	637,388	734,577
Irrigation enterprises:					
Enterprises.....number.....	56,858	63,298	75,517	95,265	123,926
Area irrigated.....1,000 acres.....	14,433	19,192	19,548	21,136	26,233
Investment in irrigation enterprises.....1,000 dollars.....	321,454	697,657	892,756	1,059,105	1,887,738
Increase over preceding census.....percent.....	359.2	117.0	28.0	18.6	78.2
Average per acre irrigated.....dollars.....	22.27	36.35	45.67	50.11	71.96
Increase over preceding census.....percent.....	-----	63.2	25.6	9.7	43.6
Average annual cost per acre irrigated for maintenance and operation of irrigation works.....dollars.....	<sup>3</sup> 1.07	2.43	2.77	2.19	4.89

<sup>1</sup> Represents redeterminations and therefore differs from figures shown for earlier years.

<sup>2</sup> From Census of Agriculture.

<sup>3</sup> Excludes cost of operation and maintenance for rice-growing districts in Gulf States; consequently figure is not comparable with those for later years.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. III.

## No. 779.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE: 1940 TO 1956

[In thousands. Comprises projects constructed by United States and those for which supplemental water is furnished from storage works built by United States. Through 1955, data classified by legislative authorization or type of contract under which service was provided; beginning 1956, data classified by type of irrigation service provided]

YEAR	ENTIRE AREA				REGULAR AND SUPPLEMENTAL WATER PROJECTS <sup>1</sup>				WARREN ACT, SPECIAL CONTRACTS, LEASED AND WATER RENTAL LANDS SERVED <sup>2</sup>			
	Irrigable acreage	Irrigated acreage	Net area in cultivation (acres)	Crop value	Irrigable acreage	Irrigated acreage	Net area in cultivation (acres)	Crop value	Irrigable acreage	Irrigated acreage	Net area in cultivation (acres)	Crop value
1940.....	4,180	3,391	3,316	\$117,789	2,769	2,153	2,139	\$80,098	1,411	1,238	1,177	\$37,691
1945.....	5,030	4,163	4,196	435,184	2,958	2,371	2,419	229,052	2,072	1,792	1,777	206,132
1946.....	5,151	4,322	4,397	530,624	3,038	2,458	2,511	274,979	2,113	1,864	1,886	255,645
1947.....	5,167	4,462	4,554	555,421	3,069	2,564	2,617	294,527	2,098	1,898	1,937	260,894
1948.....	5,380	4,559	4,700	534,624	3,198	2,619	2,702	274,225	2,182	1,940	1,998	260,399
1949.....	5,679	4,821	4,916	516,329	3,275	2,749	2,798	274,339	2,404	2,072	2,118	241,990
1950.....	6,025	5,077	5,189	578,238	3,357	2,817	2,867	284,869	2,668	2,260	2,322	293,369
1951.....	6,713	5,876	5,942	821,722	4,049	3,526	3,554	437,207	2,664	2,350	2,388	354,515
1952.....	6,994	5,956	6,026	935,680	4,146	3,570	3,607	495,122	2,848	2,386	2,419	440,558
1953.....	7,148	6,098	6,192	785,940	4,245	3,661	3,717	411,990	2,903	2,437	2,475	373,950
1954.....	7,232	6,126	6,195	865,026	4,359	3,658	3,711	452,199	2,873	2,468	2,484	412,827
1955.....	7,368	6,262	6,364	827,706	4,485	3,757	3,825	424,691	2,883	2,505	2,539	403,015
1956.....	7,659	6,400	6,554	951,624	4,155	3,323	3,413	496,815	<sup>3</sup> 3,504	3,077	3,141	454,809

<sup>1</sup> Beginning 1956, represents "full irrigation service lands."

<sup>2</sup> Warren Act, leased and water rental lands receive excess water over and above regular project requirements. Lands served are usually located outside project proper. Beginning 1956, represents "supplemental and temporary service lands."

<sup>3</sup> Largely unclassified as to irrigability.

Source: Department of the Interior, Bureau of Reclamation; *Crop Summary and Related Data, Federal Reclamation Projects*.

**No. 780.—IRRIGATION ENTERPRISES—AREA IRRIGATED, 1939 AND 1949, CAPITAL INVESTED, 1940 AND 1950, AND DAMS, RESERVOIRS, CANALS, PIPELINES, AND WELLS, 1950, BY STATES**

[See headnote, table 778. Minus sign (—) denotes decrease]

STATE	AREA IRRIGATED				CAPITAL INVESTED			
	1939	1949		In-crease, 1939 to 1949	1940	1950		In-crease, 1940 to 1950
		Total	Proportion of total			Total	Proportion of total	
	<i>Acres</i>	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>
<b>20 States, total.....</b>	<b>21,136,101</b>	<b>26,233,215</b>	<b>100.0</b>	<b>24.1</b>	<b>1,059,105,122</b>	<b>1,887,738,707</b>	<b>100.0</b>	<b>78.2</b>
Arkansas.....	161,601	419,101	1.6	159.3	5,766,895	14,171,467	0.8	145.7
Louisiana.....	447,095	597,966	2.3	33.7	11,565,513	21,503,040	1.1	85.9
Florida.....	132,362	362,938	1.4	174.2	7,055,921	19,549,139	1.0	177.1
<b>17 Western States, total.....</b>	<b>20,395,043</b>	<b>24,853,210</b>	<b>94.7</b>	<b>21.9</b>	<b>1,034,716,793</b>	<b>1,832,515,061</b>	<b>97.1</b>	<b>77.1</b>
Arizona.....	653,263	979,114	3.7	49.9	83,526,608	137,575,193	7.3	64.7
California.....	5,069,568	6,598,839	25.2	30.2	318,889,218	640,474,185	33.9	100.8
Colorado.....	3,220,685	2,943,895	11.2	-8.6	106,849,343	163,295,813	8.7	52.8
Idaho.....	2,277,857	2,167,879	8.3	-4.8	102,585,798	129,973,554	6.9	26.7
Kansas.....	99,980	140,992	0.5	41.0	2,153,886	5,882,265	0.3	173.1
Montana.....	1,711,409	1,808,576	6.9	5.7	67,352,505	81,256,990	4.3	20.6
Nebraska.....	610,379	587,239	3.4	45.4	39,056,207	56,463,881	3.0	44.6
Nevada.....	739,863	722,966	2.8	-2.3	16,906,790	20,181,476	1.1	19.4
New Mexico.....	554,039	691,476	2.6	24.8	32,735,997	61,137,909	3.2	86.8
North Dakota.....	21,615	35,759	0.1	65.4	1,755,489	2,957,763	0.2	68.5
Oklahoma.....	4,160	44,209	0.2	962.7	227,186	13,076,010	0.7	4,704.1
Oregon.....	1,049,176	1,337,517	5.1	27.5	50,961,251	74,360,981	3.9	45.9
South Dakota.....	60,198	84,356	0.3	40.1	5,395,610	6,617,914	0.4	22.7
Texas.....	1,045,224	3,150,527	12.0	201.4	66,441,376	144,445,313	7.7	117.4
Utah.....	1,176,116	1,166,972	4.4	-0.8	41,896,532	56,539,436	3.0	35.0
Washington.....	615,013	618,129	2.4	0.5	56,415,196	178,289,988	9.4	216.0
Wyoming.....	1,486,498	1,474,835	5.6	-0.8	41,622,801	59,986,390	3.2	44.5

STATE	1950							
	Diver-sion dams	Reser-voirs	RESERVOIRS WITH CAPACITY REPORTED		Canals and ditches	Pipe-lines and siphons	WELLS	
			Reser-voirs	Total capacity			Flow-ing	Pumped
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Acres-feet</i>	<i>Miles</i>	<i>Miles</i>	<i>Number</i>	<i>Number</i>
<b>20 States, total.....</b>	<b>50,131</b>	<b>7,717</b>	<b>7,002</b>	<b>42,407,489</b>	<b>138,967</b>	<b>15,851</b>	<b>10,634</b>	<b>130,688</b>
Arkansas.....	108	86	74	40,431	683	19	18	3,662
Louisiana.....	319	58	57	31,249	3,477	62	849	3,365
Florida.....	355	180	168	3,343	695	482	4,181	7,598
<b>17 Western States, total.....</b>	<b>49,349</b>	<b>7,393</b>	<b>6,703</b>	<b>42,332,466</b>	<b>134,112</b>	<b>15,288</b>	<b>5,586</b>	<b>116,063</b>
Arizona.....	552	269	237	3,628,679	4,800	316	214	4,361
California.....	4,708	1,684	1,502	8,711,667	21,183	10,088	572	72,147
Colorado.....	7,709	1,182	1,106	2,028,550	18,729	261	1,371	4,988
Idaho.....	5,121	364	313	5,124,966	15,159	487	458	888
Kansas.....	127	48	42	25,505	542	13	11	1,343
Montana.....	8,139	629	577	1,598,898	15,499	110	79	142
Nebraska.....	488	114	96	133,934	4,613	88	89	7,157
Nevada.....	4,065	202	176	687,179	3,388	123	290	254
New Mexico.....	1,286	476	448	3,186,401	5,763	168	106	3,816
North Dakota.....	15	11	6	1,101	193	7	-----	4
Oklahoma.....	20	29	27	148,945	354	19	-----	160
Oregon.....	6,231	528	471	2,421,138	8,406	372	138	2,770
South Dakota.....	281	100	94	204,693	964	8	14	27
Texas.....	498	566	508	1,402,883	10,092	1,168	152	15,070
Utah.....	3,080	511	476	2,224,361	9,621	300	1,925	560
Washington.....	1,861	222	205	6,436,522	4,984	1,614	69	2,098
Wyoming.....	5,228	458	419	4,370,044	9,822	56	98	248

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. III.

## No. 781.—IRRIGATED LAND IN FARMS, BY STATES: 1939 TO 1954

[In 1940, the questionnaire called for land from which irrigated crops were harvested in 1939, and for land irrigated in 1939 and used for grazing or pasture; in 1945 and 1950, for total land in farms irrigated in 1944 and 1949; in 1954, irrigated cropland harvested plus irrigated pasture]

STATE	FARMS REPORTING				ACRES IRRIGATED			
	1939	1944	1949	1954	1939	1944	1949	1954
<b>United States.....</b>	<b>299,604</b>	<b>288,195</b>	<b>305,061</b>	<b>320,236</b>	<b>17,982,830</b>	<b>20,539,470</b>	<b>25,787,455</b>	<b>29,552,155</b>
The North.....	13,656	12,448	18,348	27,648	667,820	861,979	1,258,321	1,925,423
The South.....	32,639	29,008	39,087	57,185	1,601,384	2,372,296	4,552,481	7,102,185
The West.....	253,309	246,739	247,626	235,403	15,713,626	17,305,195	19,976,653	20,524,547
<b>New England.....</b>	<b>338</b>	<b>922</b>	<b>1,581</b>	<b>2,017</b>	<b>2,846</b>	<b>12,153</b>	<b>31,450</b>	<b>38,395</b>
Maine.....	33	3	123	87	143	100	2,299	1,097
New Hampshire.....	7	10	51	61	25	63	622	942
Vermont.....	—	2	22	55	—	6	303	689
Massachusetts.....	231	874	1,053	1,366	2,040	11,355	18,507	22,638
Rhode Island.....	10	9	52	43	109	133	1,631	1,009
Connecticut.....	57	24	280	405	520	496	8,088	11,975
<b>Middle Atlantic.....</b>	<b>1,466</b>	<b>1,415</b>	<b>2,208</b>	<b>4,333</b>	<b>17,260</b>	<b>30,792</b>	<b>54,616</b>	<b>135,886</b>
New York.....	567	646	888	1,675	5,948	10,316	19,248	59,024
New Jersey.....	580	675	1,033	1,775	7,956	11,712	28,117	58,912
Pennsylvania.....	299	94	287	883	3,356	8,764	7,251	17,950
<b>East North Central.....</b>	<b>1,491</b>	<b>1,206</b>	<b>2,110</b>	<b>3,509</b>	<b>10,833</b>	<b>12,795</b>	<b>36,237</b>	<b>75,578</b>
Ohio.....	658	463	458	847	4,536	4,178	5,706	15,379
Indiana.....	136	123	164	443	685	830	5,339	11,738
Illinois.....	72	47	139	266	307	368	1,510	6,759
Michigan.....	462	347	995	1,408	2,960	2,850	13,001	23,473
Wisconsin.....	163	226	354	545	2,345	4,569	9,781	18,199
<b>West North Central.....</b>	<b>10,381</b>	<b>8,905</b>	<b>12,449</b>	<b>17,789</b>	<b>636,881</b>	<b>806,239</b>	<b>1,136,018</b>	<b>1,675,564</b>
Minnesota.....	216	27	274	347	2,968	210	4,235	9,207
Iowa.....	88	54	76	132	2,258	1,197	1,386	2,396
Missouri.....	140	118	142	752	960	1,113	2,089	32,998
North Dakota.....	479	206	304	399	19,975	22,814	35,294	37,672
South Dakota.....	967	708	807	923	54,073	52,895	78,069	90,371
Nebraska.....	6,913	7,156	9,680	12,500	473,775	631,762	876,259	1,171,369
Kansas.....	1,578	636	1,166	2,736	82,872	96,248	138,686	331,551
<b>South Atlantic.....</b>	<b>4,119</b>	<b>4,199</b>	<b>6,516</b>	<b>11,660</b>	<b>128,037</b>	<b>224,446</b>	<b>381,044</b>	<b>536,195</b>
Delaware.....	2	3	10	81	7	22	404	5,553
Maryland.....	17	8	30	235	67	287	697	8,344
District of Columbia.....	—	16	2	( <sup>1</sup> )	—	45	13	( <sup>1</sup> )
Virginia.....	53	31	71	763	687	1,419	2,817	21,805
West Virginia.....	23	11	9	62	270	42	40	1,381
North Carolina.....	37	19	96	2,704	246	229	2,083	25,423
South Carolina.....	14	5	84	748	411	62	6,408	22,009
Georgia.....	26	14	139	1,268	158	423	3,161	23,873
Florida.....	3,947	4,092	6,075	5,799	126,191	221,917	365,421	427,807
<b>East South Central.....</b>	<b>111</b>	<b>211</b>	<b>180</b>	<b>4,475</b>	<b>891</b>	<b>1,113</b>	<b>6,950</b>	<b>185,130</b>
Kentucky.....	46	34	67	1,226	205	230	485	13,434
Tennessee.....	21	21	35	1,094	311	393	1,012	22,548
Alabama.....	37	153	34	452	281	487	367	16,658
Mississippi.....	7	3	44	1,703	94	3	5,086	132,490
<b>West South Central.....</b>	<b>28,409</b>	<b>24,598</b>	<b>32,391</b>	<b>41,050</b>	<b>1,472,456</b>	<b>2,146,737</b>	<b>4,164,487</b>	<b>6,380,860</b>
Arkansas.....	1,529	2,229	3,060	6,218	159,412	288,665	422,107	857,863
Louisiana.....	7,037	7,185	7,438	6,897	413,969	535,619	576,775	707,818
Oklahoma.....	8,637	74	466	1,620	4,437	2,237	34,071	108,151
Texas.....	19,568	15,110	21,427	26,315	894,638	1,320,216	3,131,534	4,707,028
<b>Mountain.....</b>	<b>135,414</b>	<b>127,963</b>	<b>122,280</b>	<b>112,231</b>	<b>9,912,862</b>	<b>10,703,164</b>	<b>11,642,484</b>	<b>11,207,997</b>
Montana.....	15,087	12,097	13,457	13,114	1,587,602	1,555,480	1,716,792	1,890,671
Idaho.....	29,898	28,571	29,413	28,218	1,895,048	2,026,280	2,137,237	2,324,571
Wyoming.....	8,637	7,793	7,861	7,130	1,234,027	1,353,873	1,431,767	1,262,632
Colorado.....	29,766	28,054	27,121	23,355	2,467,548	2,698,579	2,872,348	2,262,921
New Mexico.....	15,811	14,299	12,691	11,690	436,402	534,640	655,287	649,615
Arizona.....	10,339	9,694	7,822	6,809	575,464	736,027	963,560	1,177,407
Utah.....	22,612	23,543	21,126	19,406	911,135	1,124,081	1,137,995	1,072,682
Nevada.....	3,264	3,072	2,819	2,509	755,636	674,204	727,408	567,498
<b>Pacific.....</b>	<b>117,895</b>	<b>118,776</b>	<b>125,346</b>	<b>123,172</b>	<b>5,800,764</b>	<b>6,602,031</b>	<b>8,334,169</b>	<b>9,316,550</b>
Washington.....	17,426	15,974	16,928	18,844	493,982	520,153	589,035	778,135
Oregon.....	16,159	15,597	17,663	19,826	1,030,228	1,129,059	1,306,810	1,490,366
California.....	84,310	87,205	90,755	84,502	4,276,554	4,952,819	6,438,324	7,048,049

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vols. II and III, and *U. S. Census of Agriculture: 1954*, Vol. II.

**No. 782.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE  
AND CROP VALUE, BY PROJECT: 1956**

STATE AND PROJECT	FULL IRRIGATION SERVICE LANDS			SUPPLEMENTAL IRRIGATION SERVICE LANDS <sup>1</sup>			TEMPORARY IRRIGATION SERVICE LANDS <sup>1</sup>		
	Irrigable acreage	Irrigated acreage	Gross crop value (\$1,000)	Irrigable acreage	Irrigated acreage	Gross crop value (\$1,000)	Irrigable acreage	Irrigated acreage	Gross crop value (\$1,000)
<b>Total.....</b>	<b>4,154,499</b>	<b>3,323,341</b>	<b>496,815</b>	<b>3,422,078</b>	<b>3,022,541</b>	<b>448,154</b>	<b>82,224</b>	<b>54,261</b>	<b>6,655</b>
Arizona:									
Gila.....	97,970	56,978	8,795						
Salt River.....	239,581	177,988	59,203	95,708	77,641	20,360			
Yuma.....	51,936	46,430	18,887						
Yuma Auxiliary.....	3,423	2,597	722						
California:									
Boulder Canyon-All American Canal System:									
Coachella Division.....	77,287	53,777	29,860						
Imperial Division.....	530,000	482,374	93,203						
Cachuma.....	500	61		26,450	12,246	8,373			
Central Valley.....	33,793	30,623	10,423	790,148	619,286	181,308	41,806	36,369	5,692
Klamath.....	78,549	72,745	7,884						
Orland.....	19,444	17,260	1,719						
Yuma.....	14,610	9,460	2,110						
Colorado:									
Colorado-Big Thomp- son.....				615,000	615,000	65,518			
Fruitgrowers Dam.....				2,662	1,720	255			
Grand Valley.....	34,765	28,831	4,033	7,730	7,730	1,920			
Manitou.....				8,761	7,220	324			
Missouri River Basin: Upper Republican Division:									
St. Francis Unit.....				750	734	24			
Paonia.....	11,653	8,900	731						
Pine River.....				41,193	37,057	2,015			
Pine River Indian Irrig. Uncompahgre.....	89,090	73,987	5,671	9,666	9,666	350			
Idaho:									
Avondale.....	927	383	21						
Boise.....	222,490	200,227	19,201	133,384	123,805	14,814			
Dalton Gardens.....	944	396	32						
Lewiston Orchards.....	3,589	2,085	448						
Minidoka.....	244,975	213,447	18,407	860,164	808,133	66,949	509	509	51
Owyhee.....	33,454	31,286	3,481						
Preston Bench.....				4,500	3,689	316			
Rathdrum Prairie.....	4,292	3,488	324						
Kansas:									
Missouri River Basin: Bostwick Division: Courtland Unit.....	10,100	5,347	405						
Montana:									
Bitter Root.....	16,665	16,340	589						
Buffalo Rapids.....	23,325	20,878	1,249				2,193	2,193	100
Frenchtown.....	4,810	3,802	217						
Huntley.....	32,487	24,426	1,576						
Intake.....	881	737	19						
Lower Yellowstone.....	36,866	32,591	2,327				974	974	54
Milk River.....	131,490	79,365	3,774						
Missoula Valley.....	977	768	29						
Missouri River Basin: Three Forks Div.: Crow Creek Pump Unit.....	1,542	897	48						
Yellowstone Division: Savage Unit.....	2,215	2,072	84						
Sun River.....	94,024	66,967	2,463						
Nebraska:									
Mirage Flats.....	11,657	11,235	1,123						
Missouri River Basin: Bostwick Division: Superior-Courtland Unit.....	21,009	14,567	1,301						
Frenchman - Cam- bridge Division.....	22,507	17,265	1,710						
North Platte.....	171,964	157,666	14,354	92,398	90,236	10,163	22,366		

See footnotes at end of table.

No. 782.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE  
AND CROP VALUE, BY PROJECT: 1956—Continued

STATE AND PROJECT	FULL IRRIGATION SERVICE LANDS			SUPPLEMENTAL IRRIGATION SERVICE LANDS <sup>1</sup>			TEMPORARY IRRIGATION SERVICE LANDS <sup>1</sup>		
	Irrigable acreage	Irrigated acreage	Gross crop value (\$1,000)	Irrigable acreage	Irrigated acreage	Gross crop value (\$1,000)	Irrigable acre- age	Irrig- ated acre- age	Gross crop value (\$1,000)
Nevada: Humboldt.....				40,500	29,795	1,884			
Newlands.....	72,370	54,763	2,949						
Truckee Storage.....				28,977	22,446	1,664			
New Mexico: Carlsbad.....	25,055	19,606	4,417						
Fort Sumner.....	6,500	5,366	522						
Middle Rio Grande.....	121,680	53,466	4,846						
Rio Grande.....	102,061	82,110	22,213						
Tucumcari.....	42,214	33,140	2,393						
Vermejo.....	7,370	4,941	205						
North Dakota:									
Bulford-Trenton.....	10,510	8,946	516						
Lower Yellowstone.....	19,405	16,740	1,109				73	73	4
Missouri River Basin:									
Heart Division:									
Dickinson Unit.....	338	338	19						
Heart Butte Unit.....	2,533	269	10						
North Dakota									
Pumping Div.:									
Fort Clark Unit.....	2,039	573	36						
Oklahoma:									
W. C. Austin.....	47,809	39,296	4,967						
Oregon: Arnold.....	4,292	2,891	120						
Baker.....				7,312	7,305	376			
Boise.....	1,724	1,450	85						
Burnt River.....				15,230	15,115	650			
Crescent Lake Dam.....	6,831	6,178	298						
Deschutes.....	50,000	46,951	6,014	49,140	46,001	3,429	<sup>2</sup> 819	819	59
Grants Pass.....	10,309	7,378	910						
Klamath.....	140,263	116,732	11,283						
Ochocho.....	8,500	8,333	651						
Owyhee.....	71,715	67,694	9,955	13,800	12,860	3,436			
Rogue River Basin.....				14,120	12,809	4,410			
Umatilla.....	18,033	12,123	629	14,229	10,922	1,292	536	503	78
Vale.....	32,000	31,594	2,192						
South Dakota:									
Belle Fourche.....	57,182	53,885	2,481						
Missouri River Basin:									
Cheyenne Division:									
Angostura Unit.....	12,154	10,500	583				220	220	12
Rapid Valley.....				8,900	7,310	242			
Texas: Balmorhea.....				10,608	7,700	1,180			
Rio Grande.....	75,890	50,245	14,533	<sup>3</sup> 18,330	5,180	1,475			
Utah: Hyrum.....				6,800	5,780	366			
Moon Lake.....				75,256	54,302	1,174			
Newton.....				2,200	2,116	122			
Ogden River.....				22,867	15,869	1,906			
Provo River.....				46,609	37,540	3,780			
Sanpete.....				13,663	11,449	470			
Scofield.....				15,609	13,348	715			
Strawberry Valley.....	17,635	15,700	845	22,304	21,224	1,632	4,107	4,026	302
Weber River.....				109,032	90,941	8,804			
Washington:									
Columbia Basin.....	305,687	174,788	22,413						
Okanogan.....	5,307	3,972	651						
Yakima.....	265,332	227,130	51,326	181,761	163,530	35,414	240	194	28
Wyoming: Eden.....	10,070	8,571	301						
Kendrick.....	22,128	14,167	570						
North Platte.....	54,359	51,590	4,399	16,317	14,836	1,044			
Riverton.....	55,908	48,968	2,030				8,381	8,381	275
Shoshone.....	93,596	74,701	4,371						

<sup>1</sup> Supplemental and temporary irrigation service lands are largely unclassified.

<sup>2</sup> Nonirrigable lands irrigated with water from wasteways and water allotted to irrigable lands.

<sup>3</sup> Area for which service is available under Warren Act contract.

Source: Department of the Interior, Bureau of Reclamation; 1956 *Crop Summary and Related Data, Federal Reclamation Projects*.

**No. 783.—NUMBER AND AREA OF DRAINAGE ENTERPRISES CLASSIFIED BY SIZE:  
1920 TO 1950**

SIZE GROUP	Number of enterprises, 1950	AREA OF ENTERPRISES (acres) <sup>1</sup>						
		All drainage States			30 States <sup>2</sup>			
		1920	1930	1940	1920	1930	1940	1950
<b>Total</b> .....	14, 066	95, 629, 291	128, 495, 078	132, 828, 451	23, 657, 216	41, 644, 155	45, 207, 287	54, 617, 706
Under 100 acres.....			324, 157	525, 455		2, 727	4, 383	
100 to 199 acres.....		1, 152, 025	1, 040, 664	1, 446, 870	12, 395	12, 057	19, 496	
200 to 499 acres.....	8, 273	5, 222, 615	5, 984, 023	7, 093, 485	99, 112	147, 705	220, 974	603, 554
500 to 999 acres.....	1, 586	9, 091, 516	11, 130, 096	11, 234, 727	368, 736	910, 371	953, 935	1, 098, 279
1,000 to 1,999 acres.....	1, 398	29, 522, 536	34, 074, 009	14, 555, 019			1, 726, 342	1, 962, 013
2,000 to 4,999 acres.....	1, 314			20, 511, 078	3, 183, 867	4, 998, 968	3, 960, 638	4, 102, 149
5,000 to 9,999 acres.....	651	13, 357, 936	15, 865, 002	16, 387, 515	2, 820, 328	4, 484, 862	4, 542, 720	4, 528, 281
10,000 to 19,999 acres.....	433			16, 964, 180			6, 041, 949	6, 003, 783
20,000 to 49,999 acres.....	268	23, 826, 149	35, 075, 951	20, 141, 844	9, 423, 712	14, 768, 991	10, 047, 029	7, 820, 801
50,000 to 99,999 acres.....	87	8, 605, 536	11, 403, 982	10, 760, 472	4, 880, 449	6, 304, 255	6, 816, 045	6, 084, 362
100,000 to 199,999 acres.....	25			5, 925, 431			3, 794, 141	3, 606, 263
200,000 to 499,999 acres.....	19	4, 850, 973	10, 218, 995	3, 155, 493	2, 868, 617		2, 954, 853	6, 575, 535
500,000 acres and over.....	12		3, 378, 199	4, 123, 882		10, 014, 219	4, 123, 882	12, 172, 486

<sup>1</sup> Sum of areas in individual enterprises without deduction for area in more than 1 enterprise (overlapped).

<sup>2</sup> Largely States with organized drainage districts and other corporate and private enterprises. See text, p. 599.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. IV.

**No. 784.—FARM DRAINAGE—ANNUAL COST AND FUNDS COLLECTED, FOR ALL  
DRAINAGE STATES: 1940 TO 1949**

ITEM	All drainage States, amount	30 STATES <sup>1</sup>		10 States, amount <sup>2</sup>
		Number of enterprises reporting	Amount	
<b>Cost of construction and operation and maintenance, 1940 to 1949</b> .....	\$179, 033, 770	3, 426	\$110, 231, 690	\$68, 802, 080
1940.....	11, 118, 467	1, 513	6, 196, 439	4, 922, 028
1941.....	11, 858, 842	1, 519	6, 658, 374	5, 200, 468
1942.....	11, 622, 551	1, 518	6, 723, 109	4, 899, 442
1943.....	11, 680, 225	1, 577	7, 043, 061	4, 636, 564
1944.....	13, 754, 850	1, 582	8, 135, 637	5, 619, 213
1945.....	15, 874, 399	1, 671	9, 077, 448	6, 796, 951
1946.....	18, 868, 727	1, 853	11, 645, 339	7, 222, 688
1947.....	23, 635, 739	2, 022	15, 224, 054	8, 411, 685
1948.....	29, 103, 462	2, 133	19, 222, 181	9, 881, 281
1949.....	31, 517, 208	2, 214	20, 305, 448	11, 211, 760
<b>Cost of new drainage works, 1940 to 1949</b> .....	23, 872, 422	963	16, 288, 346	7, 584, 076
1940.....	292, 905	28	211, 662	81, 243
1941.....	595, 553	36	456, 885	138, 668
1942.....	668, 364	38	485, 030	183, 334
1943.....	761, 825	55	552, 887	208, 938
1944.....	847, 874	58	685, 754	262, 120
1945.....	1, 841, 360	100	1, 209, 478	631, 882
1946.....	2, 656, 197	175	1, 845, 545	810, 652
1947.....	3, 982, 765	235	2, 675, 951	1, 306, 814
1948.....	5, 480, 198	334	3, 811, 674	1, 668, 524
1949.....	6, 745, 381	399	4, 455, 580	2, 291, 901
<b>Funds collected for drainage, 1940 to 1949</b> .....	209, 919, 061	3, 471	144, 415, 544	65, 503, 517
1940.....	14, 826, 778	1, 544	9, 870, 982	4, 949, 796
1941.....	16, 059, 107	1, 516	10, 964, 089	5, 095, 018
1942.....	16, 434, 645	1, 534	11, 237, 936	5, 176, 709
1943.....	16, 604, 413	1, 549	11, 745, 320	4, 859, 093
1944.....	17, 857, 447	1, 574	12, 352, 386	5, 505, 061
1945.....	19, 893, 808	1, 650	13, 748, 625	6, 144, 883
1946.....	24, 077, 324	1, 792	16, 740, 225	7, 337, 099
1947.....	25, 669, 330	1, 968	18, 062, 647	7, 603, 692
1948.....	28, 080, 532	2, 072	19, 351, 283	8, 539, 249
1949.....	30, 405, 968	2, 107	20, 116, 051	10, 289, 917

<sup>1</sup> Largely States with organized drainage districts and other corporate and private enterprises.

<sup>2</sup> Largely county-drain States. See text, p. 599.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. IV.



## No. 785.—GROWTH OF CONSERVATION DISTRICTS: 1938 TO 1957

[For years ending June 30. See text, p. 600. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Beginning 1941, includes wind-erosion districts and grazing districts. Beginning 1946, includes Imperial Irrigation District, California]

YEAR	DISTRICTS ORGANIZED <sup>1</sup>		TOTAL AREA IN DISTRICTS		DISTRICTS WITH SUPPLEMENTAL MEMORANDUMS	
	Each year	Cumulative total	New districts and additions	Cumulative total	Each year	Cumulative total
	Number	Number	1,000 acres	1,000 acres	Number	Number
1938.....	69	69	36,107	36,107	34	34
1939.....	92	161	52,339	88,446	79	113
1940.....	153	314	101,306	189,752	120	233
1941.....	241	555	145,091	334,843	201	434
1942.....	230	785	122,727	457,570	219	653
1943.....	116	901	60,102	517,672	159	812
1944.....	213	1,114	102,819	620,491	171	983
1945.....	232	1,346	120,368	740,859	221	1,204
1946.....	292	1,638	143,119	883,977	223	1,427
1947.....	251	1,889	118,991	1,002,969	315	1,742
1948.....	144	2,033	111,035	1,114,003	174	1,916
1949.....	131	2,164	64,760	1,178,763	158	2,074
1950.....	121	2,285	74,721	1,253,484	133	2,207
1951.....	88	2,373	51,626	1,305,110	122	2,329
1952.....	94	2,467	53,803	1,358,913	89	2,418
1953.....	82	2,549	45,075	1,403,989	59	2,477
1954.....	69	2,618	37,507	1,441,496	104	2,581
1955.....	56	2,674	43,478	1,484,974	63	2,644
1956.....	47	2,721	61,482	1,546,456	44	2,688
1957.....	49	2,770	50,535	1,596,991	46	2,734

<sup>1</sup> Totals at end of each year are net, including corrections and adjustments made during year.

Source: Department of Agriculture, Soil Conservation Service; *Report of Administrator of Soil Conservation Service*.

## No. 786.—CONSERVATION PRACTICES NEWLY APPLIED IN CONSERVATION DISTRICTS, WITH SOIL CONSERVATION SERVICE ASSISTANCE: 1950 TO 1957

[For years ending June 30. See text, p. 600. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

PRACTICE	Unit	1950	1953	1954	1955	1956	1957
Contour farming.....	Acres....	3,491,511	3,342,055	4,127,109	3,146,889	2,965,786	2,660,044
Cover cropping.....	do.....	3,111,387	3,651,549	4,839,091	4,506,673	3,832,080	4,110,385
Strip cropping.....	do.....	829,200	790,610	830,235	947,611	971,131	890,016
Seeding range and pasture.....	do.....	1,876,832	2,902,820	3,008,406	3,134,634	3,278,121	3,431,427
Farm and ranch ponds.....	Number..	37,780	60,497	64,521	86,574	78,869	81,178
Tree planting.....	Acres....	128,784	248,271	266,033	313,209	351,479	472,435
Terraces.....	Miles....	100,612	51,064	47,791	45,806	52,187	50,937
Diversions.....	do.....	5,892	5,682	4,808	6,902	5,590	6,000
Farm drainage.....	Acres....	1,161,402	1,560,377	1,577,760	1,553,562	1,510,196	1,301,445
Irrigation land leveling.....	do.....	315,519	417,961	375,093	493,907	575,023	581,245
Improved water application.....	do.....	617,606	784,407	949,680	1,713,618	1,719,558	1,410,890

Source: Department of Agriculture, Soil Conservation Service; *Report of Administrator of Soil Conservation Service*.

# No. 787.—SOIL CONSERVATION DISTRICTS—SUMMARY, BY STATES AND OTHER AREAS: CUMULATIVE TO JUNE 30, 1957

[See text, p. 600]

STATE OR OTHER AREA	Date district law became effective	Districts organized <sup>1</sup>	APPROXIMATE AREA AND FARMS WITHIN ORGANIZED DISTRICTS			Districts having Memo. of understanding with D. of A.	SOIL CONSERVATION DISTRICT COOPERATORS <sup>2</sup>	
			Total area	Farms and ranches	Land in farms		Cooperators	Total area
Total		Number	1,000 acres	Number	1,000 acres	Number	Number	1,000 acres
		2,770	1,596,991	4,518	1,020,077	2,744	1,727,682	515,303
Continental U. S.		2,726	1,586,960	4,457	1,015,787	2,702	1,709,167	512,864
Alabama	Mar. 18, 1939	12	32,690	177	20,810	12	58,095	10,147
Arizona	June 16, 1941	47	41,163	8	19,489	47	4,695	4,429
Arkansas	July 1, 1937	75	33,712	145	17,944	74	69,545	14,774
California <sup>3</sup>	June 23, 1938	139	52,583	85	20,563	134	26,484	8,201
Colorado	May 6, 1937	97	46,020	43	27,764	94	17,243	14,096
Connecticut	July 18, 1945	8	3,135	13	1,138	8	4,479	466
Delaware	Apr. 2, 1943	3	1,266	6	814	3	2,259	342
Florida	June 10, 1937	59	29,287	55	16,571	59	20,060	9,712
Georgia	Mar. 23, 1937	27	37,429	166	24,019	27	96,520	18,407
I Idaho	Mar. 9, 1939	46	37,068	29	11,056	45	14,489	5,752
Illinois	July 9, 1937	97	32,448	171	29,643	97	47,579	8,253
Indiana	Mar. 11, 1937	75	18,066	117	14,882	72	27,193	4,147
Iowa	July 4, 1939	100	34,265	193	34,045	100	60,597	10,991
Kansas	Apr. 10, 1937	105	32,513	121	50,038	105	70,650	23,030
Kentucky	June 11, 1940	121	25,033	194	18,034	121	88,732	10,641
Louisiana	July 27, 1938	26	27,939	110	11,442	26	37,194	8,391
Maine	Mar. 25, 1941	15	16,485	22	3,449	15	1,620	1,600
Maryland	June 1, 1937	23	6,099	35	3,914	23	15,679	2,308
Massachusetts	June 28, 1945	15	4,998	17	1,439	15	7,705	815
Michigan	July 23, 1937	75	29,579	125	15,010	75	31,210	4,076
Minnesota	Apr. 26, 1937	75	31,083	128	24,367	73	34,319	7,192
Mississippi	Apr. 4, 1938	74	30,230	217	20,700	74	64,439	11,130
Missouri	July 23, 1943	33	11,768	59	9,588	32	13,909	2,862
Montana <sup>4</sup>	Feb. 28, 1939	69	87,402	33	56,441	69	12,998	28,778
Nebraska	May 18, 1937	87	48,412	101	47,486	87	57,848	20,425
Nevada	Mar. 31, 1937	33	60,477	3	7,236	32	2,137	2,356
New Hampshire	May 10, 1945	10	5,771	10	1,457	10	5,083	832
New Jersey	July 1, 1937	12	4,785	23	1,674	12	7,416	847
New Mexico	Mar. 17, 1937	61	61,506	24	41,774	61	13,046	28,756
New York	July 20, 1940	46	24,561	95	13,972	45	38,348	5,296
North Carolina	Mar. 22, 1937	37	28,664	268	18,260	37	86,939	8,987
North Dakota	Mar. 16, 1937	77	44,594	62	42,071	77	33,414	21,190
Ohio	June 5, 1941	87	24,756	175	19,836	87	39,092	5,539
Oklahoma	Apr. 15, 1937	87	44,024	130	36,732	87	86,495	22,391
Oregon	Apr. 7, 1939	54	38,027	52	17,229	54	10,514	6,280
Pennsylvania	July 2, 1937	48	22,021	104	10,928	48	22,425	2,775
Rhode Island	Apr. 26, 1943	3	677	2	155	3	1,070	129
South Carolina	Apr. 17, 1937	44	19,395	124	11,069	44	40,888	6,736
South Dakota	July 1, 1937	69	38,201	61	38,201	69	33,445	21,315
Tennessee	Mar. 10, 1939	88	25,125	192	16,932	88	42,833	6,457
Texas <sup>5</sup>	Apr. 24, 1939	172	162,230	289	139,422	171	184,569	94,969
Utah	Mar. 23, 1937	48	48,958	23	11,752	48	11,368	6,571
Vermont	Apr. 18, 1939	13	5,931	16	3,318	13	10,718	2,115
Virginia	Apr. 1, 1938	29	24,959	133	14,101	29	39,588	6,566
Washington	Mar. 17, 1939	76	38,391	67	17,890	76	30,981	10,666
West Virginia	June 12, 1939	14	15,272	68	7,308	14	34,486	5,078
Wisconsin	July 1, 1937	71	35,011	154	22,507	71	37,251	6,065
Wyoming	May 22, 1941	44	42,912	12	21,317	44	5,120	9,053
Alaska	Mar. 25, 1947	9	4,391	1	104	8	443	69
Hawaii	May 19, 1947	16	3,370	5	2,330	15	1,004	1,497
Puerto Rico	July 1, 1946	17	2,185	54	1,792	17	16,129	811
Virgin Islands	June 1946	2	85	1	64	2	939	62

<sup>1</sup> For specific procedure on organization of soil conservation districts, see respective State soil conservation district law. By provision of most State district laws, State soil conservation committee has responsibility for organization of districts. Local district governing bodies administer affairs of each individual district.

<sup>2</sup> Comprises all farmer-district cooperative agreements for initial, advanced and active basic conservation plans.

<sup>3</sup> Includes Imperial Irrigation District.

<sup>4</sup> Includes 10 grass conservation districts.

<sup>5</sup> Includes 1 wind-erosion district.

Source: Department of Agriculture, Soil Conservation Service; annual report, *Soil Conservation Districts*, and records.

## Section 24

### Agriculture—General Statistics

This section presents measures of the broader aspects of our farm economy: The number, value, acreage, and ownership of farms; agricultural balance sheet; and farm prices, income, expenditures, and debt.

The principal sources of these data are the *U. S. Census of Agriculture*, conducted by the Bureau of the Census, and the many current and annual publications of the Department of Agriculture, among which are: *The Balance Sheet of Agriculture*, *Current Developments in the Farm Real Estate Market*, *Agricultural Finance Review*, *The Farm Income Situation*, *Agricultural Statistics*, *Agricultural Prices*, *Crops and Markets*, and *Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives*.

Data on farm output and productivity, on specific crops, acreage, and production, and on livestock and poultry may be found in section 25, Agriculture—Production and Related Subjects.

Starting in 1840 a Census of Agriculture has been conducted every 10 years. In 1925, 1935, 1945, and 1954 a mid-decade census has also been taken. The data have been obtained by personal enumeration of individual farms. The first Census of Agriculture, limited in scope, included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry and products of the dairy, and the production of principal crops. Data concerning the number, acreage, and value of farms were first introduced in the Census of 1850. In 1880, information was first secured as to the tenure under which farms were operated. A detailed classification of farm land according to use was first obtained in 1925.

**Farms and farmland.**—In the course of its history, the Bureau of the Census has employed several definitions of a farm. According to the latest definition (used in the 1950 and 1954 Censuses) a farm is all the land on which some agricultural operations are performed by a person, either by the operator or with the assistance of household or hired labor. Places of 3 acres or more are considered farms if their production is valued at a minimum of \$150, exclusive of that from a home garden. Places of less than 3 acres must have sold a minimum of \$150 of their production to be classified as farms.

According to the definition used from 1925 to 1945, places of 3 acres or more were counted as farms if any agricultural products, other than from a home garden, were produced, while places of less than 3 acres were classified as farms if the agricultural production was valued at a minimum of \$250. For the definitions used in earlier censuses, see *U. S. Census of Agriculture: 1950*, Vol. II, Introduction.

Agricultural operations consist of the production of crops or plants, vines, or trees (excluding forestry operations), or of the keeping, grazing, or feeding of livestock for animal products, animal increase, or value enhancement. Included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, fur farms, mushroom houses, apiaries, and cranberry bogs. Excluded are fish farms, fish hatcheries, oyster farms, frog farms, kennels, game preserves, parks, and the like. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm for census purposes. Thus, for a plantation, each cropper and tenant operation is considered a separate farm even though the entire plantation may be handled essentially as a single farm enterprise.

The land in farms includes considerable areas of land not actually under cultivation or used for pasture or grazing, but all such land must have been under the control of the operator and considered a part of his farm. Land used for grazing or pasture that was

Note.—This section presents data for the most recent year or period available on May 16, 1958, when the material was organized and sent to the printer. In some instances, more recent data were added later.

neither owned nor leased by the farm operator generally was not included under land in farms. Rent-free lands were included in an operator's farm only if he had sole use of such lands. Thus vast acreages of land used for grazing, such as national forests, Taylor grazing land, State lands, or other public lands, and some railroad and other privately owned lands, are not included as land in farms even though used for agricultural purposes.

**Farm prices and income.**—Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained by the Agricultural Marketing Service from about 33,000 voluntary reporters, which include farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

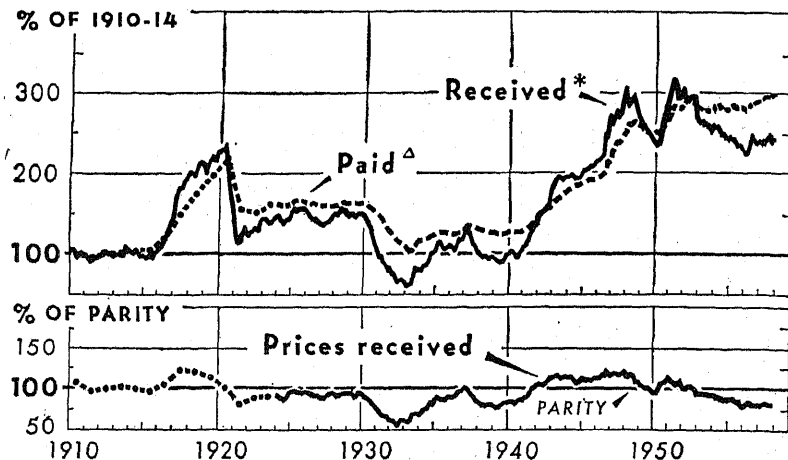
The index numbers of prices received and of prices paid by farmers are based on current midmonth prices for these commodities. For information concerning methods of construction of the indexes, see Agricultural Handbook No. 118, Volume 1, *Agricultural Prices and Parity*, issued by the Agricultural Marketing Service. The ratio of the index of prices received to the index of prices paid by farmers measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services bought by farmers.

Cash income is the cash receipts from farm marketings and represents the quantities of crops, livestock, and livestock products sold by farmers multiplied by the prices received per unit of production at the local market. Gross farm income includes Government payments, value of farm products consumed on the farm, and rental value of farm homes, as well as cash receipts from farm marketings.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series E 1-16") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*.

FIG. XXXV.—INDEXES OF PRICES RECEIVED AND PAID BY FARMERS:  
1910 TO 1957

[See table 811]



\* Monthly data.

△ Includes interest, taxes, and wage rates. Annual average data, 1910 to 1923; by quarters, 1924 to 1936; by months, 1937 to date.

Source: Department of Agriculture, Agricultural Marketing Service.

# No. 788.—FARM POPULATION—NUMBER, PERCENT OF TOTAL POPULATION, AND COMPONENTS OF CHANGE: 1920 TO 1957

[In thousands. Figures relate to civilian population living on farms, regardless of occupation or source of income. Determination of whether a household is located on a farm has been made largely by the residents themselves. If the respondent in reply to the inquiry, "Is this house on a farm (or ranch)?" answers affirmatively, it is, in most cases, classified as a farm dwelling unit and the occupants as part of the farm population. Excludes the following: Persons living on farm land who rent for cash a home and yard only; persons in summer camps, motels, and tourist camps; and inmates of institutions on farm land]

YEAR	Farm population, Apr. 1	CHANGE SINCE PRECEDING APRIL			Farm population as a percent of total population <sup>2</sup>	YEAR	Farm population, Apr. 1	CHANGE SINCE PRECEDING APRIL			Farm population as a percent of total population <sup>2</sup>		
		Net change: Births and deaths	Migration <sup>1</sup>					Net change: Births and deaths	Migration <sup>1</sup>				
			Net	To farms					From farms	Net		To farms	From farms
1920.....	31,974					1943.....	26,681	422	-2,975	824	3,799	19.6	
1925.....	31,190					1944.....	25,495	377	-1,563	1,095	2,658	18.5	
1930.....	30,529					1945.....	25,295	364	-564	916	1,480	18.1	
1931.....	30,845	377	-61	1,985	2,046	24.9	1946.....	26,483	324	+864	2,585	1,721	18.8
1932.....	31,388	387	+156	1,918	1,762	25.2	1947.....	27,124	490	+151	1,768	1,617	18.9
1933.....	32,393	398	+607	1,826	1,219	25.8	1948.....	25,903	465	-1,686	1,016	2,702	17.7
1934.....	32,305	375	-463	970	1,433	25.6	1949.....	25,954	422	-371	1,171	1,542	17.5
1935.....	32,161	383	-527	783	1,310	25.3	1950.....	25,058	418	-1,314	995	2,309	16.6
1936.....	31,737	375	-799	825	1,624	24.8	1951.....	24,160	404	-1,302	597	1,899	15.7
1937.....	31,266	363	-834	719	1,553	24.3	1952.....	24,283	394	-271	643	914	15.5
1938.....	30,980	375	-661	872	1,533	23.9	1953.....	23,679	392	-1,996	528	2,524	14.3
1939.....	30,840	405	-545	823	1,308	23.6	1954.....	21,990	382	-1,171	675	1,846	13.5
1940.....	30,547	410	-703	819	1,522	23.2	1955.....	22,158	359	-91	544	635	13.5
1941.....	30,273	359	-633	696	1,329	22.7	1956.....	22,267	355	-256	497	753	13.3
1942.....	29,234	385	-1,424	822	2,246	21.7	1957.....	20,396	375	-2,236	459	2,695	12.0

<sup>1</sup> Beginning 1940, includes inductions and enlistments into Armed Forces, and persons returning from Armed Forces. For all years includes persons who have not moved but who are in and out of the farm population because agricultural operations have ceased or have begun on the places where they are living.

<sup>2</sup> Includes Armed Forces overseas.

Source: Department of Agriculture, Agricultural Marketing Service; *Farm Population, Migration to and from Farms, 1920-1954*, AMS-10, and *Farm Population* (annual bulletin AMS-80).

## No. 789.—FARMS AND FARM PROPERTY—SUMMARY: 1920 TO 1957

[Revised estimates of farm population as of Apr. 1 by Agricultural Marketing Service and Bureau of the Census; farm values, Agricultural Research Service as of Mar. 1. See also *Historical Statistics, 1789-1945*, series E 1-16]

ITEM	1920	1930	1940	1945	1950	1955	1956	1957
Farm population.....	31,974	30,529	30,547	25,295	25,058	22,158	22,257	20,396
Percent of total population <sup>1</sup> .....	30.1	24.9	23.2	18.1	16.6	13.5	13.3	12.0
Number of farms <sup>2</sup> .....	6,518	6,546	6,350	5,967	5,648	5,087	4,969	4,856
Farmland and buildings, value.....mil. dol.	66,316	47,873	33,636	53,884	75,255	98,780	102,652	109,409
Average value per farm.....dol.	10,174	7,313	5,297	9,030	13,324	19,418	20,663	22,543
Average value per acre.....dol.	69.38	48.52	31.71	47.20	64.96	85.29	88.63	94.52
Index of estimated value per acre: <sup>3</sup>								
1912-14=100.....	173	114	82	124	174	224	232	247
1947-49=100.....	103	68	49	74	103	133	138	147
Farms changing ownership per 1,000 farms (estimated number), total <sup>4</sup> .....	43.4	61.5	62.8	69.5	52.2	46.6	49.7	47.8
Voluntary sales and trades <sup>5</sup> .....		23.7	30.3	51.5	37.0	31.9	32.4	31.4
Forced sales and related defaults.....		20.8	15.8	2.9	1.8	2.4	2.9	2.7
Foreclosures of mortgages, bankruptcies, etc. <sup>6</sup> .....	4.0	15.7	12.5	1.9	1.4	2.0	2.3	2.0
Delinquent taxes.....		5.1	3.3	1.0	0.4	0.4	0.6	0.7
Other transfers <sup>7</sup> .....		17.0	16.7	15.1	13.4	12.3	14.4	13.7
Percentage of voluntary sales and trades:								
Purchased by local residents.....		82	83	82	79	79	77	78
Purchased for operation.....		81	78	74	80	78	77	77
Occupation of purchaser:								
Active farmer.....		72	68	63	67	63	60	60
Retired farmer.....		4	4	3	5	4	5	4
Other occupation.....		24	28	34	28	33	35	36

<sup>1</sup> Total population includes Armed Forces overseas.

<sup>2</sup> Census figures, adjusted for underenumeration. Intercensal years interpolated on basis of change in farm population.

<sup>3</sup> As of March 1. <sup>4</sup> Year ending Mar. 15. <sup>5</sup> Includes contracts to purchase (but not options).

<sup>6</sup> Includes loss of title by default of contract, and surrender of title or transfers to avoid foreclosures.

<sup>7</sup> Inheritance and gift transfers; sales in settlement of estates; and miscellaneous and unclassified sales.

Source: Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service. Published in part in *Current Developments in the Farm Real Estate Market*.

## No. 790.—LAND UTILIZATION, FARM AND NONFARM: 1910 TO 1954

[In millions of acres. For calendar year indicated; cropland and pastureland, except for 1954, usually relate to preceding year. Changes in total area represent remeasurements]

MAJOR LAND USES	1910	1920	1925	1930	1935	1940	1945	1950	1954
<b>Total land area</b> .....	<b>1,903</b>	<b>1,903</b>	<b>1,903</b>	<b>1,903</b>	<b>1,903</b>	<b>1,905</b>	<b>1,905</b>	<b>1,904</b>	<b>1,904</b>
<b>In farms</b> .....	879	956	924	987	1,055	1,061	1,142	1,159	1,158
Cropland.....	347	402	391	413	416	399	403	409	399
Used for crops <sup>1</sup> .....	324	374	365	379	375	363	379	387	380
Idle or in cover crops.....	23	28	26	34	41	36	24	22	19
Grassland and pasture <sup>2</sup> .....	254	328	331	379	410	461	529	485	526
Forest and woodland.....	191	168	144	150	185	157	166	220	197
Pastured.....	98	77	77	85	108	100	95	135	121
Not pastured.....	93	91	67	65	77	57	71	85	76
Farmsteads, roads, and other land.....	57	58	58	45	44	44	44	45	36
<b>Not in farms</b> .....	<b>1,024</b>	<b>947</b>	<b>979</b>	<b>916</b>	<b>848</b>	<b>844</b>	<b>763</b>	<b>745</b>	<b>746</b>
Grazing land <sup>3</sup> .....	739	661	646	578	533	504	428	400	353
Forest land not used for grazing <sup>4</sup> .....	162	160	203	208	184	203	186	201	238
Other land <sup>5</sup> .....	123	126	130	130	131	137	149	144	155

<sup>1</sup> Comprises cropland harvested, crop failure, and cultivated summer fallow.

<sup>2</sup> Comprises all open or nonforested pasture in farms. Includes cropland used only for pasture 1945 to 1954, and plowable pasture in prior years.

<sup>3</sup> Comprises land used chiefly for grazing. Includes open or nonforested grazing land and idle grassland for first decades; forest and arid woodland, and shrub and brush grazing land for all years.

<sup>4</sup> Excludes forested areas in parks, wildlife refuges, military areas, and recreation sites.

<sup>5</sup> Comprises urban, industrial, and residential areas outside farms; parks and wildlife refuges; military lands; roads; railroads; ungrazed desert, rock, swamp, and other unused and waste land.

Source: Department of Agriculture, Agricultural Research Service; *Major Uses of Land in the United States—Summary for 1954*. (Agricultural Information Bulletin No. 168.)

## No. 791.—LAND UTILIZATION, BY OWNERSHIP: 1930 TO 1954

[In millions of acres. See headnote, table 790. Private land comprises that owned by individuals, private groups, corporations, and Indian land under Government administration. Public comprises that owned by Federal, State, or local governments]

MAJOR LAND USES	1930			1945			1950			1954		
	Total	Private	Public	Total	Private	Public	Total	Private	Public	Total	Private	Public
<b>Total land area</b> .....	<b>1,903</b>	<b>1,409</b>	<b>494</b>	<b>1,905</b>	<b>1,396</b>	<b>509</b>	<b>1,904</b>	<b>1,399</b>	<b>505</b>	<b>1,904</b>	<b>1,399</b>	<b>505</b>
Cropland.....	413	411	2	403	401	2	409	405	4	399	396	3
Pasture and grazing <sup>1</sup> .....	1,042	745	297	1,052	748	304	1,020	724	296	1,000	704	296
Woodland and forest land not used for grazing.....	273	168	105	265	156	109	286	184	102	314	211	103
Special uses <sup>2</sup> .....	64	23	41	100	26	74	105	27	78	110	33	77
Other land.....	111	62	49	85	65	20	84	59	25	81	55	26

<sup>1</sup> Includes woodland and forest land used or usable for grazing.

<sup>2</sup> Town, cities, farmsteads, highways, roads, parks, wildlife refuges, watersupply areas, and military lands.

Source: Department of Agriculture, Agricultural Research Service. Compiled from various sources, including State and Federal publications and records and reports of numerous State agencies.

## No. 792.—LAND IN FARMS, BY TYPE OF OWNER, BY GEOGRAPHIC DIVISIONS: 1954

[In thousands of acres. For composition of divisions, see table 793]

DIVISION	Total acreage	TYPE OF OWNER					PERCENT OF TOTAL		
		Individuals <sup>1</sup>	Corporations	Government		Indians <sup>2</sup>	Individuals	Corporations	Government <sup>3</sup>
				Federal	Other				
<b>United States</b> .....	<b>1,158,192</b>	<b>1,015,194</b>	<b>57,488</b>	<b>13,585</b>	<b>31,176</b>	<b>40,750</b>	<b>87.6</b>	<b>5.0</b>	<b>7.4</b>
New England.....	11,121	10,867	163	8	83	-----	97.7	1.5	0.8
Middle Atlantic.....	29,898	29,253	477	46	121	1	97.8	1.6	0.6
East North Central.....	108,597	107,046	1,156	106	290	-----	98.6	1.1	0.3
West North Central.....	284,861	271,659	3,447	1,421	3,938	4,396	95.4	1.2	3.4
South Atlantic.....	98,259	92,245	5,204	201	343	265	93.8	5.3	0.9
East South Central.....	77,202	74,938	1,857	192	215	-----	97.1	2.4	0.5
West South Central.....	210,828	195,105	11,434	698	2,958	633	92.5	5.4	2.1
Mountain.....	260,942	172,134	24,944	8,124	21,901	33,839	66.0	9.5	24.5
Pacific.....	76,484	61,947	8,806	2,789	1,327	1,616	81.0	11.5	7.5

<sup>1</sup> Includes partnerships.

<sup>2</sup> Mostly under Federal jurisdiction.

<sup>3</sup> Includes Indian land.

Source: Department of Commerce, Bureau of the Census.

## No. 793.—FARMLAND, BY USE, BY STATES: 1949 AND 1954

[In thousands of acres. For total land in farms, see table 794]

STATE	CROPLAND HARVESTED		CROPLAND USED ONLY FOR PASTURE		CROPLAND NOT HARVESTED AND NOT PASTURED		OTHER THAN CROPLAND	
	1949	1954	1949	1954	1949	1954	1949	1954
<b>United States</b> .....	344,399	332,870	69,332	66,070	64,108	60,709	680,728	698,543
The North.....	207,888	207,612	29,039	26,721	27,842	25,148	176,060	174,997
The South.....	96,599	86,590	30,867	30,974	18,906	16,041	246,844	252,684
The West.....	39,912	38,669	9,426	8,375	17,360	19,520	257,825	270,862
<b>New England</b> .....	2,805	2,493	847	811	564	490	8,330	7,327
Maine.....	932	796	221	236	254	241	2,775	2,342
New Hampshire.....	290	247	101	88	59	47	1,203	1,076
Vermont.....	859	799	219	196	78	67	2,371	2,255
Massachusetts.....	376	331	151	143	97	77	1,036	888
Rhode Island.....	40	35	26	22	15	11	111	87
Connecticut.....	308	286	129	120	61	48	775	678
<b>Middle Atlantic</b> .....	12,211	11,768	2,851	2,539	2,459	1,885	14,335	13,705
New York.....	5,792	5,547	1,579	1,409	1,114	901	7,533	7,214
New Jersey.....	782	788	161	184	148	113	635	570
Pennsylvania.....	5,637	5,433	1,111	946	1,106	871	6,168	5,912
<b>East North Central</b> .....	59,570	59,732	10,862	10,336	4,667	3,774	36,998	34,756
Ohio.....	10,296	10,340	2,049	1,710	1,034	749	7,591	7,193
Indiana.....	11,001	11,333	2,051	1,967	777	528	5,830	5,404
Illinois.....	20,364	20,550	2,591	2,493	987	702	7,035	6,653
Michigan.....	7,797	7,659	1,983	1,912	1,263	1,217	6,227	5,679
Wisconsin.....	10,112	9,850	2,187	2,254	606	576	10,315	9,827
<b>West North Central</b> .....	133,302	133,618	14,480	13,035	20,151	18,999	116,396	119,209
Minnesota.....	19,709	19,493	1,560	1,536	1,192	1,164	10,422	10,092
Iowa.....	22,547	22,444	3,144	3,161	358	376	8,215	8,063
Missouri.....	12,264	12,366	5,104	4,385	1,389	954	16,366	16,490
North Dakota.....	20,353	21,241	935	755	6,340	5,704	13,567	14,177
South Dakota.....	17,523	17,760	816	722	1,478	1,147	24,964	25,321
Nebraska.....	19,407	18,874	1,400	1,117	2,970	2,876	23,691	24,619
Kansas.....	21,494	21,440	1,521	1,359	6,425	6,778	19,173	20,446
<b>South Atlantic</b> .....	25,022	23,165	6,308	5,732	6,530	4,556	64,311	64,306
Delaware.....	389	412	72	64	74	38	316	300
Maryland.....	1,531	1,672	448	363	306	188	1,771	1,773
District of Columbia.....	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)
Virginia.....	3,314	3,158	1,564	1,116	911	557	9,784	9,855
West Virginia.....	1,218	1,073	787	513	349	233	5,860	5,533
North Carolina.....	5,782	5,504	733	702	1,183	848	11,619	11,206
South Carolina.....	3,960	3,393	494	688	932	707	6,493	6,282
Georgia.....	7,098	6,117	1,273	1,407	2,116	1,399	15,264	15,095
Florida.....	1,728	1,936	937	878	659	585	13,204	14,763
<b>East South Central</b> .....	22,494	19,744	11,323	11,142	5,396	3,858	40,362	42,458
Kentucky.....	5,054	4,541	5,265	4,880	1,282	1,034	7,840	7,579
Tennessee.....	5,575	4,861	2,856	3,095	1,489	1,061	8,613	8,638
Alabama.....	5,729	4,812	1,598	1,653	1,394	1,015	12,167	13,330
Mississippi.....	6,136	5,530	1,604	1,513	1,231	749	11,740	12,910
<b>West South Central</b> .....	49,083	43,680	13,236	14,101	6,979	7,627	142,171	145,420
Arkansas.....	5,930	5,536	2,472	2,419	1,252	856	9,217	9,134
Louisiana.....	3,149	3,011	1,804	1,959	705	498	5,545	5,974
Oklahoma.....	11,896	10,249	2,318	2,325	1,802	1,897	19,991	21,160
Texas.....	28,108	24,885	6,643	7,399	3,220	4,376	107,419	109,153
<b>Mountain</b> .....	24,500	22,735	4,212	3,929	10,964	13,727	210,537	220,551
Montana.....	7,576	8,414	1,271	738	5,081	5,356	45,319	46,961
Idaho.....	3,648	3,728	485	545	1,097	1,203	7,995	8,889
Wyoming.....	1,901	1,556	405	445	407	565	31,709	32,423
Colorado.....	6,893	5,220	970	1,008	3,165	4,835	26,925	27,322
New Mexico.....	1,898	1,135	446	463	495	862	44,683	46,990
Arizona.....	884	1,094	184	202	198	319	38,651	40,175
Utah.....	1,279	1,229	305	275	468	524	8,812	10,235
Nevada.....	421	360	145	252	53	63	6,444	7,556
<b>Pacific</b> .....	15,412	15,935	5,214	4,446	6,396	5,793	47,287	50,311
Washington.....	4,237	4,343	715	621	2,769	2,730	9,649	9,948
Oregon.....	3,219	3,265	969	807	1,349	1,177	14,790	15,797
California.....	7,957	8,326	3,531	3,018	2,278	1,885	22,848	24,565

See footnotes at end of table.

## No. 793.—FARMLAND, BY USE, BY STATES: 1949 AND 1954—Continued

(In thousands of acres)

STATE	OTHER THAN CROPLAND—continued							
	1949				1954			
	Wood- land pastured	Wood- land not pastured	Other pasture	Other land	Wood- land pastured	Wood- land not pastured	Other pasture	Other land
<b>United States</b> .....	134,715	85,099	415,650	45,264	121,152	75,821	459,879	41,691
The North.....	29,322	22,356	100,589	23,793	27,235	21,060	103,995	22,706
The South.....	69,389	57,891	106,349	13,214	61,491	51,395	129,050	10,749
The West.....	36,004	4,852	208,712	8,257	32,426	3,365	226,834	8,237
<b>New England</b> .....	1,784	4,354	1,488	704	1,524	4,097	1,243	463
Maine.....	383	1,849	273	270	280	1,712	203	146
New Hampshire.....	295	744	149	75	228	681	117	50
Vermont.....	733	788	752	98	703	805	669	79
Massachusetts.....	195	545	145	151	167	504	113	105
Rhode Island.....	14	65	13	19	11	52	12	12
Connecticut.....	164	362	157	92	135	343	128	72
<b>Middle Atlantic</b> .....	2,338	4,878	5,062	2,057	2,095	4,795	5,015	1,801
New York.....	1,362	2,111	3,126	984	1,212	2,109	3,072	822
New Jersey.....	44	276	125	190	39	283	94	163
Pennsylvania.....	933	2,491	1,811	933	844	2,403	1,848	816
<b>East North Central</b> .....	11,875	7,246	10,329	7,548	10,527	7,424	9,689	7,116
Ohio.....	1,606	1,441	3,062	1,482	1,451	1,457	2,909	1,375
Indiana.....	1,660	1,218	1,467	1,485	1,568	1,212	1,314	1,310
Illinois.....	2,041	1,009	2,265	1,720	1,950	967	2,083	1,654
Michigan.....	2,145	1,576	1,101	1,405	1,742	1,675	937	1,325
Wisconsin.....	4,424	2,002	2,432	1,457	3,816	2,114	2,445	1,452
<b>West North Central</b> .....	13,324	5,877	83,711	13,484	13,089	4,745	88,049	13,326
Minnesota.....	3,349	1,743	2,618	2,712	2,983	1,537	2,599	2,972
Iowa.....	1,902	418	3,731	2,164	1,784	350	3,799	2,131
Missouri.....	5,805	2,694	6,036	1,831	6,582	2,005	6,325	1,581
North Dakota.....	454	246	10,735	2,102	847	208	11,433	2,192
South Dakota.....	438	145	22,913	1,470	328	112	23,554	1,325
Nebraska.....	603	217	21,415	1,456	430	192	22,642	1,454
Kansas.....	744	417	16,263	1,749	635	346	17,796	1,670
<b>South Atlantic</b> .....	17,026	31,876	11,210	4,199	17,751	29,485	13,987	3,583
Delaware.....	11	206	28	71	23	192	26	59
Maryland.....	163	1,006	351	251	194	939	417	223
District of Columbia.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Virginia.....	1,356	5,375	2,379	674	1,553	5,082	2,771	498
West Virginia.....	1,206	1,990	2,326	338	1,275	1,763	2,276	213
North Carolina.....	1,423	8,273	1,057	866	1,506	7,733	1,284	634
South Carolina.....	1,207	4,355	489	442	1,448	3,916	581	337
Georgia.....	4,371	8,909	1,185	799	4,601	8,086	1,850	555
Florida.....	7,288	1,762	3,896	758	7,151	1,825	4,781	1,007
<b>East South Central</b> .....	11,706	17,314	7,340	4,002	13,911	16,085	9,312	3,150
Kentucky.....	1,609	3,294	1,696	1,241	1,762	3,088	1,759	970
Tennessee.....	1,902	3,966	1,637	1,088	2,219	3,717	1,808	895
Alabama.....	3,712	6,030	1,706	719	4,597	5,736	2,454	543
Mississippi.....	4,483	4,024	2,280	953	5,334	3,544	3,291	742
<b>West South Central</b> .....	40,657	8,702	87,799	5,013	29,828	5,826	105,751	4,016
Arkansas.....	3,245	3,579	1,585	808	4,009	2,525	1,993	601
Louisiana.....	1,804	1,965	1,152	624	2,259	1,691	1,521	504
Oklahoma.....	5,019	880	12,745	1,347	4,689	458	15,021	991
Texas.....	30,590	2,278	72,317	2,234	18,872	1,151	87,211	1,919
<b>Mountain</b> .....	23,663	2,011	179,696	5,168	20,549	1,040	193,629	5,333
Montana.....	2,755	405	41,227	932	1,972	192	43,923	874
Idaho.....	1,243	309	5,626	817	1,165	262	6,712	749
Wyoming.....	1,275	73	29,845	516	622	29	31,383	388
Colorado.....	2,817	430	22,603	1,075	1,834	169	24,318	1,001
New Mexico.....	7,114	598	36,251	720	5,031	269	41,035	656
Arizona.....	6,936	74	31,113	528	8,897	54	30,188	1,037
Utah.....	1,454	102	6,815	441	980	49	8,733	473
Nevada.....	68	20	6,217	139	47	16	7,338	155
<b>Pacific</b> .....	12,341	2,842	29,015	3,089	11,877	2,325	33,205	2,904
Washington.....	2,433	859	5,807	550	2,888	822	5,726	512
Oregon.....	3,618	950	9,665	557	3,847	791	10,607	552
California.....	6,290	1,032	13,544	1,982	5,142	713	16,871	1,839

<sup>1</sup> 500 acres or less.   <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.



## No. 794.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1930 TO 1954

STATE	NUMBER OF FARMS (1,000)				ALL LAND IN FARMS (1,000 acres)				AVERAGE ACREAGE PER FARM		
	1930	1940	1950	1954	1930	1940	1950	1954	1940	1950	1954
<b>United States.....</b>	<b>6, 289</b>	<b>6, 097</b>	<b>5, 382</b>	<b>4, 782</b>	<b>986, 771</b>	<b>1, 060, 852</b>	<b>1, 158, 566</b>	<b>1, 158, 192</b>	<b>174. 0</b>	<b>215. 3</b>	<b>242. 2</b>
The North.....	2, 562	2, 580	2, 268	2, 043	425, 709	435, 088	440, 828	434, 477	168. 6	194. 4	212. 7
The South.....	3, 224	3, 007	2, 652	2, 317	343, 086	370, 168	393, 215	386, 289	123. 1	148. 2	166. 7
The West.....	503	510	462	423	217, 975	255, 596	324, 523	337, 426	501. 5	702. 9	798. 2
<b>New England.....</b>	<b>125</b>	<b>135</b>	<b>103</b>	<b>82</b>	<b>14, 283</b>	<b>13, 371</b>	<b>12, 547</b>	<b>11, 121</b>	<b>98. 9</b>	<b>121. 5</b>	<b>135. 8</b>
Maine.....	39	39	30	23	4, 640	4, 223	4, 182	3, 614	108. 3	137. 7	154. 7
New Hampshire.....	15	17	13	10	1, 960	1, 809	1, 714	1, 457	109. 3	128. 0	140. 0
Vermont.....	25	24	19	16	3, 896	3, 667	3, 527	3, 318	155. 5	185. 2	207. 6
Massachusetts.....	26	32	22	17	2, 005	1, 938	1, 660	1, 439	60. 8	74. 7	82. 9
Rhode Island.....	3	3	3	2	279	222	191	155	73. 6	73. 5	77. 2
Connecticut.....	17	21	16	13	1, 502	1, 512	1, 272	1, 138	71. 5	81. 5	89. 2
<b>Middle Atlantic.....</b>	<b>358</b>	<b>348</b>	<b>297</b>	<b>257</b>	<b>35, 047</b>	<b>33, 639</b>	<b>31, 855</b>	<b>29, 898</b>	<b>96. 6</b>	<b>107. 4</b>	<b>116. 2</b>
New York.....	160	153	125	106	17, 980	17, 170	16, 017	15, 071	112. 1	128. 2	142. 6
New Jersey.....	25	26	25	23	1, 758	1, 874	1, 725	1, 665	72. 6	69. 5	73. 4
Pennsylvania.....	172	169	147	129	15, 309	14, 594	14, 113	13, 162	86. 3	96. 1	102. 1
<b>East North Central.....</b>	<b>967</b>	<b>1, 006</b>	<b>885</b>	<b>799</b>	<b>110, 891</b>	<b>113, 655</b>	<b>112, 098</b>	<b>108, 597</b>	<b>113. 0</b>	<b>126. 6</b>	<b>136. 0</b>
Ohio.....	219	234	199	177	21, 514	21, 908	20, 969	19, 992	93. 7	105. 2	112. 9
Indiana.....	182	185	167	154	19, 689	19, 801	19, 659	19, 233	107. 3	118. 0	125. 2
Illinois.....	214	213	195	176	30, 695	31, 033	30, 978	30, 399	145. 4	158. 6	173. 2
Michigan.....	169	188	156	139	17, 119	18, 038	17, 270	16, 467	96. 2	111. 0	118. 5
Wisconsin.....	182	187	169	154	21, 874	22, 876	23, 221	22, 507	122. 5	137. 8	146. 6
<b>West North Central.....</b>	<b>1, 113</b>	<b>1, 091</b>	<b>983</b>	<b>905</b>	<b>265, 488</b>	<b>274, 423</b>	<b>284, 329</b>	<b>284, 861</b>	<b>251. 6</b>	<b>289. 3</b>	<b>314. 7</b>
Minnesota.....	185	197	179	165	30, 913	32, 607	32, 883	32, 285	165. 2	183. 6	195. 4
Iowa.....	215	213	203	193	34, 019	34, 149	34, 265	34, 045	160. 1	168. 7	176. 5
Missouri.....	256	256	230	202	33, 743	34, 740	35, 123	34, 195	135. 6	152. 7	169. 6
North Dakota.....	78	74	65	62	38, 658	37, 936	41, 194	41, 877	512. 9	629. 9	676. 1
South Dakota.....	83	72	66	63	36, 470	39, 474	44, 786	44, 949	544. 8	674. 0	719. 0
Nebraska.....	129	121	107	101	44, 709	47, 344	47, 467	47, 487	391. 1	442. 9	470. 9
Kansas.....	166	156	131	120	46, 976	48, 174	48, 611	50, 024	308. 2	370. 0	416. 3
<b>South Atlantic.....</b>	<b>1, 058</b>	<b>1, 019</b>	<b>959</b>	<b>859</b>	<b>86, 363</b>	<b>92, 555</b>	<b>102, 170</b>	<b>98, 259</b>	<b>90. 8</b>	<b>106. 5</b>	<b>114. 4</b>
Delaware.....	10	9	7	6	901	896	851	814	99. 6	114. 3	129. 3
Maryland.....	43	42	36	32	4, 374	4, 198	4, 056	3, 897	99. 7	112. 3	119. 9
District of Columbia.....	(4)	(4)	(4)	(5)	3	2	1	(5)	36. 0	45. 2	(9)
Virginia.....	171	175	151	136	16, 729	16, 445	15, 572	14, 686	94. 0	103. 1	107. 7
West Virginia.....	83	99	81	69	8, 802	8, 909	8, 215	7, 352	89. 0	100. 9	107. 2
North Carolina.....	280	278	289	268	18, 055	18, 845	19, 318	18, 260	67. 7	67. 0	68. 2
South Carolina.....	158	138	139	124	10, 393	11, 879	11, 239	11, 069	81. 7	85. 2	89. 1
Georgia.....	256	216	198	166	22, 079	23, 684	25, 751	24, 019	109. 6	129. 9	145. 1
Florida.....	59	62	57	58	5, 027	8, 338	16, 528	18, 162	133. 9	290. 4	315. 6
<b>East South Central.....</b>	<b>1, 062</b>	<b>1, 023</b>	<b>913</b>	<b>790</b>	<b>72, 817</b>	<b>77, 086</b>	<b>79, 576</b>	<b>77, 202</b>	<b>75. 3</b>	<b>87. 2</b>	<b>97. 8</b>
Kentucky.....	246	253	218	193	19, 927	20, 294	19, 442	18, 034	80. 2	89. 0	93. 2
Tennessee.....	246	248	232	203	18, 003	18, 493	18, 534	17, 654	74. 7	80. 0	86. 9
Alabama.....	257	232	212	177	17, 555	19, 143	20, 889	20, 810	82. 6	98. 8	117. 6
Mississippi.....	313	291	251	216	17, 332	19, 156	20, 711	20, 702	65. 8	82. 4	95. 9
<b>West South Central.....</b>	<b>1, 103</b>	<b>964</b>	<b>780</b>	<b>668</b>	<b>183, 906</b>	<b>200, 527</b>	<b>211, 469</b>	<b>210, 828</b>	<b>207. 9</b>	<b>271. 0</b>	<b>315. 6</b>
Arkansas.....	242	217	182	145	16, 053	18, 045	18, 871	17, 944	83. 3	103. 4	123. 7
Louisiana.....	161	150	124	111	9, 355	9, 996	11, 202	11, 441	66. 6	90. 2	103. 0
Oklahoma.....	204	180	142	119	33, 791	34, 803	36, 007	35, 630	193. 7	253. 1	299. 5
Texas.....	495	418	332	293	124, 707	137, 683	145, 389	145, 813	329. 4	438. 5	497. 7
<b>Mountain.....</b>	<b>241</b>	<b>233</b>	<b>195</b>	<b>180</b>	<b>157, 450</b>	<b>191, 901</b>	<b>250, 213</b>	<b>260, 942</b>	<b>821. 9</b>	<b>1, 284. 1</b>	<b>1, 449. 5</b>
Montana.....	47	42	35	33	44, 659	46, 452	59, 247	61, 469	1, 110. 7	1, 688. 7	1, 859. 3
Idaho.....	42	44	40	39	9, 347	10, 298	13, 224	14, 364	235. 8	328. 3	376. 8
Wyoming.....	16	15	13	11	23, 525	28, 026	34, 421	34, 989	1, 866. 2	2, 728. 8	3, 068. 7
Colorado.....	60	51	46	41	28, 876	31, 527	37, 953	38, 385	612. 9	832. 7	942. 0
New Mexico.....	31	34	24	21	30, 822	38, 860	47, 522	49, 451	1, 399. 4	2, 013. 7	2, 347. 0
Arizona.....	14	18	10	9	10, 527	25, 651	39, 916	41, 790	1, 388. 9	3, 833. 7	4, 483. 4
Utah.....	27	25	24	23	5, 613	7, 302	10, 865	12, 262	287. 4	449. 4	537. 2
Nevada.....	3	4	3	3	4, 081	3, 785	7, 064	8, 231	1, 059. 4	2, 271. 2	2, 881. 1
<b>Pacific.....</b>	<b>262</b>	<b>276</b>	<b>267</b>	<b>243</b>	<b>60, 525</b>	<b>63, 694</b>	<b>74, 310</b>	<b>76, 484</b>	<b>230. 6</b>	<b>278. 5</b>	<b>315. 1</b>
Washington.....	71	82	70	65	13, 534	15, 182	17, 369	17, 641	185. 9	248. 8	270. 7
Oregon.....	55	62	60	54	16, 549	17, 988	20, 328	21, 047	290. 9	339. 8	366. 6
California.....	130	139	137	123	30, 443	30, 524	36, 613	37, 796	230. 1	266. 9	307. 1

See footnotes at end of table.

## No. 794.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1930 TO 1954—Con.

STATE	VALUE OF FARMS (LAND AND BUILDINGS)									
	Total (\$1,000)				Average value per farm (dollars)			Average value per acre (dollars)		
	1930	1940	1950 <sup>1 2</sup>	1954 <sup>1 2</sup>	1940	1950 <sup>1 3</sup>	1954 <sup>1 3</sup>	1940	1950 <sup>1</sup>	1954 <sup>1</sup>
<b>United States</b> .....	47,879,838	33,641,739	75,260,606	97,582,918	5,518	13,983	20,405	31.71	64.96	84.25
The North.....	28,253,801	18,909,131	38,455,289	48,025,056	7,329	16,955	23,506	43.46	87.23	110.54
The South.....	12,343,593	9,716,128	22,955,849	29,549,362	3,231	8,654	12,755	26.25	58.39	75.80
The West.....	7,282,444	5,016,480	13,849,968	20,008,500	9,843	30,000	47,334	19.63	42.68	59.30
<b>New England</b> .....	940,713	740,508	1,222,057	1,252,954	5,478	11,839	15,303	55.38	97.40	112.67
Maine.....	104,280	124,083	226,518	219,464	3,183	7,462	9,392	29.38	54.17	60.72
New Hampshire.....	77,355	62,206	124,845	124,820	3,758	9,323	11,989	34.38	72.85	85.65
Vermont.....	145,935	111,109	196,405	202,356	4,712	10,314	12,662	30.30	55.68	60.99
Massachusetts.....	261,222	212,014	314,710	322,077	6,647	14,163	18,552	109.40	189.54	223.81
Rhode Island.....	34,508	26,334	44,328	53,056	8,737	17,062	26,475	118.67	232.02	343.02
Connecticut.....	227,413	204,761	315,251	331,211	9,675	20,189	25,971	135.41	247.77	291.07
<b>Middle Atlantic</b> .....	2,817,767	2,039,079	3,485,485	4,156,470	5,858	11,747	16,156	60.62	109.42	139.02
New York.....	1,315,905	947,074	1,467,452	1,674,909	6,180	11,742	15,844	55.16	81.62	111.14
New Jersey.....	298,845	227,806	505,278	672,307	8,818	20,343	29,635	121.54	292.84	403.73
Pennsylvania.....	1,203,018	864,200	1,512,755	1,809,254	5,118	10,299	14,039	59.22	107.10	137.40
<b>East North Central</b> .....	9,336,791	7,333,631	14,703,512	18,942,277	7,239	16,607	23,717	64.53	131.17	174.43
Ohio.....	1,693,031	1,443,917	2,858,969	3,707,415	6,176	14,341	20,937	65.91	136.34	185.45
Indiana.....	1,415,542	1,251,922	2,691,273	3,732,730	6,781	16,151	24,303	63.20	136.90	194.08
Illinois.....	3,336,049	2,537,117	5,394,905	7,036,269	11,887	27,628	40,083	81.76	174.15	231.47
Michigan.....	1,160,652	912,545	1,701,440	2,194,903	4,865	10,935	15,800	50.59	98.52	133.29
Wisconsin.....	1,731,517	1,188,559	2,056,925	2,270,960	6,365	12,203	14,789	51.96	88.58	100.90
<b>West North Central</b> .....	15,158,530	8,795,931	19,044,235	23,673,325	8,065	19,379	26,151	32.05	66.98	83.10
Minnesota.....	2,125,093	1,443,021	2,777,312	3,478,232	7,312	15,507	21,051	44.28	84.46	107.74
Iowa.....	4,224,506	2,690,744	5,606,670	6,769,927	12,614	27,105	35,090	78.79	160.77	198.86
Missouri.....	1,796,247	1,107,303	2,235,939	2,785,371	4,324	9,720	13,815	31.87	63.66	81.45
North Dakota.....	951,225	490,197	1,188,860	1,493,427	6,628	18,178	24,110	12.92	28.86	35.66
South Dakota.....	1,285,154	505,482	1,401,787	1,766,980	6,976	21,095	28,263	12.80	31.30	39.31
Nebraska.....	2,495,203	1,337,808	2,735,039	3,899,827	9,399	25,517	33,713	24.03	57.62	71.60
Kansas.....	2,281,102	1,421,387	3,198,628	3,979,561	9,092	24,344	33,117	29.51	65.80	79.55
<b>South Atlantic</b> .....	3,852,079	3,159,550	7,159,765	9,554,734	3,099	7,466	11,123	34.14	70.08	97.24
Delaware.....	66,942	64,899	97,141	127,746	6,104	13,043	20,287	61.30	114.11	156.88
Maryland.....	356,170	273,980	507,225	690,876	6,508	14,048	21,258	65.27	125.07	177.30
District of Columbia.....	7,144	5,943	4,666	( <sup>o</sup> )	91,429	166,643	( <sup>o</sup> )	2,638.62	3,688.54	( <sup>o</sup> )
Virginia.....	855,850	674,975	1,277,084	1,550,959	3,860	8,458	11,369	41.04	82.01	108.61
West Virginia.....	341,976	269,827	487,209	497,066	2,718	5,983	7,248	30.29	59.31	67.61
North Carolina.....	844,122	736,708	1,905,714	2,346,338	2,647	6,605	8,758	39.09	98.65	128.49
South Carolina.....	379,191	338,495	820,349	964,994	2,461	5,886	7,769	30.12	69.06	87.18
Georgia.....	577,338	480,345	1,114,506	1,441,753	2,223	5,623	8,710	20.28	43.28	60.03
Florida.....	423,346	324,378	945,871	1,935,002	5,211	16,617	33,627	38.90	57.23	106.64
<b>East South Central</b> .....	2,685,364	2,324,737	5,169,088	6,086,280	2,272	5,662	7,709	30.16	64.96	78.84
Kentucky.....	871,449	776,494	1,572,256	1,722,034	3,070	7,196	8,900	38.26	80.87	95.49
Tennessee.....	743,222	664,474	1,431,966	1,635,096	2,683	6,182	8,049	35.93	77.26	92.62
Alabama.....	502,371	408,782	1,017,075	1,206,218	1,764	4,809	6,816	21.35	48.69	57.96
Mississippi.....	568,322	474,986	1,147,791	1,522,932	1,632	4,566	7,053	24.80	55.42	73.56
<b>West South Central</b> .....	5,806,151	4,231,841	10,626,496	13,908,348	4,388	13,616	20,817	21.10	50.25	65.97
Arkansas.....	547,828	456,848	1,135,671	1,377,648	2,108	6,225	9,496	25.32	60.18	76.77
Louisiana.....	418,192	353,874	920,939	1,277,665	2,359	7,416	11,497	35.40	82.21	111.67
Oklahoma.....	1,242,724	831,141	1,851,460	2,256,352	4,626	13,016	18,964	23.88	51.62	63.33
Texas.....	3,597,407	2,589,979	6,718,426	8,996,683	6,196	20,263	30,711	18.81	46.21	61.70
<b>Mountain</b> .....	2,458,483	1,779,843	5,513,393	7,775,495	7,623	28,294	43,191	9.27	22.03	29.80
Montana.....	527,610	350,178	999,061	1,476,275	8,733	28,475	44,653	7.54	18.86	24.02
Idaho.....	417,250	339,194	923,292	1,296,470	7,768	22,920	39,406	32.94	69.82	90.26
Wyoming.....	206,852	158,971	454,862	535,157	10,585	36,060	46,936	5.67	13.21	15.29
Colorado.....	629,347	388,344	1,211,818	1,528,617	7,550	26,588	37,513	12.32	31.93	39.82
New Mexico.....	207,859	187,326	713,360	1,055,141	5,490	30,228	50,078	4.83	15.01	21.34
Arizona.....	184,231	158,677	603,851	1,074,964	8,321	57,996	115,830	5.99	15.13	25.72
Utah.....	221,223	154,359	471,242	585,533	6,074	19,492	25,652	21.14	43.37	47.75
Nevada.....	64,111	47,594	135,907	223,308	13,321	43,700	78,162	12.57	19.24	27.13
<b>Pacific</b> .....	4,823,961	3,236,636	8,336,575	12,233,005	11,720	31,245	50,466	50.82	112.19	159.94
Washington.....	773,663	593,366	1,470,208	2,021,583	7,262	21,057	31,018	39.08	84.64	114.59
Oregon.....	630,828	476,817	1,216,088	1,642,910	7,714	20,327	30,178	26.51	59.82	78.06
California.....	3,419,471	2,166,453	5,650,279	8,568,512	16,331	41,192	69,620	70.97	154.32	226.71

<sup>1</sup> Based on reports for a sample of farms.<sup>2</sup> Based on average value per acre for farms in sample for which value of land and buildings was reported.<sup>3</sup> Average for farms reporting value of land and buildings.<sup>4</sup> Less than 500. <sup>5</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

No. 795.—FARM REAL ESTATE—INDEXES OF AVERAGE VALUE PER ACRE, BY STATES: 1912 TO 1958

[1947-49=100. Value of farmland with improvements. As of March 1]

STATE	1912	1915	1920	1925	1930	1933	1935	1940	1945	1950	1955	1956	1957	1958
<b>United States.</b>	<b>58</b>	<b>61</b>	<b>103</b>	<b>76</b>	<b>68</b>	<b>42</b>	<b>45</b>	<b>49</b>	<b>74</b>	<b>103</b>	<b>133</b>	<b>138</b>	<b>147</b>	<b>156</b>
<b>New England.</b>	<b>62</b>	<b>62</b>	<b>88</b>	<b>80</b>	<b>80</b>	<b>66</b>	<b>65</b>	<b>67</b>	<b>81</b>	<b>99</b>	<b>106</b>	<b>109</b>	<b>117</b>	<b>124</b>
Maine.....	72	69	102	89	89	68	68	69	85	95	104	107	114	118
New Hampshire.....	69	72	91	79	79	66	64	67	83	97	105	108	113	119
Vermont.....	58	60	86	72	71	58	58	58	74	101	104	107	112	120
Massachusetts.....	64	64	91	87	86	74	72	74	87	99	106	108	117	126
Rhode Island.....	54	56	71	70	73	65	64	66	79	101	108	112	122	133
Connecticut.....	51	52	72	72	73	65	64	65	78	100	111	115	126	138
<b>Middle Atlantic.</b>	<b>65</b>	<b>66</b>	<b>89</b>	<b>75</b>	<b>70</b>	<b>54</b>	<b>56</b>	<b>59</b>	<b>78</b>	<b>103</b>	<b>127</b>	<b>135</b>	<b>145</b>	<b>152</b>
New York.....	68	69	92	77	71	56	58	59	75	105	119	124	133	137
New Jersey.....	52	53	69	66	66	58	59	62	79	103	132	143	156	168
Pennsylvania.....	64	65	91	74	69	51	53	58	80	102	134	143	154	163
<b>East North Central.</b>	<b>61</b>	<b>65</b>	<b>101</b>	<b>73</b>	<b>60</b>	<b>39</b>	<b>42</b>	<b>49</b>	<b>74</b>	<b>104</b>	<b>137</b>	<b>145</b>	<b>156</b>	<b>163</b>
Ohio.....	59	64	95	66	54	35	40	46	72	101	141	151	161	171
Indiana.....	57	60	96	60	47	33	36	44	73	103	147	154	166	173
Illinois.....	65	68	106	77	61	36	41	50	74	108	142	149	161	169
Michigan.....	49	53	78	67	61	41	42	46	73	100	133	141	152	158
Wisconsin.....	68	72	119	90	81	56	57	58	76	101	113	117	127	133
<b>West North Central.</b>	<b>73</b>	<b>79</b>	<b>138</b>	<b>95</b>	<b>82</b>	<b>48</b>	<b>51</b>	<b>49</b>	<b>72</b>	<b>107</b>	<b>133</b>	<b>136</b>	<b>143</b>	<b>153</b>
Minnesota.....	61	69	138	103	86	51	53	55	74	109	135	145	160	171
Iowa.....	66	77	146	93	77	40	46	50	73	108	133	136	142	147
Missouri.....	82	87	142	95	78	47	49	50	78	106	130	134	146	166
North Dakota.....	90	96	135	102	89	61	62	48	71	107	132	136	150	162
South Dakota.....	110	116	207	132	107	63	63	47	69	111	139	140	146	156
Nebraska.....	78	81	144	99	90	56	58	47	68	104	134	133	131	146
Kansas.....	64	65	95	72	71	44	46	45	70	106	129	133	136	147
<b>South Atlantic.</b>	<b>44</b>	<b>44</b>	<b>89</b>	<b>66</b>	<b>57</b>	<b>35</b>	<b>41</b>	<b>48</b>	<b>76</b>	<b>101</b>	<b>133</b>	<b>142</b>	<b>154</b>	<b>166</b>
Delaware.....	62	62	86	70	69	50	51	55	76	98	130	135	148	163
Maryland.....	48	52	82	65	61	45	45	50	73	99	136	140	153	167
Virginia.....	42	42	81	67	58	38	42	48	74	101	135	143	152	161
West Virginia.....	66	69	105	81	71	50	53	58	72	95	110	117	125	132
North Carolina.....	30	32	69	58	49	27	35	43	70	106	140	146	164	161
South Carolina.....	48	45	110	66	50	27	37	43	78	97	121	126	136	143
Georgia.....	54	51	119	63	55	31	39	45	73	99	138	145	157	171
Florida.....	41	42	76	74	74	52	54	57	96	97	141	157	183	213
<b>East South Central.</b>	<b>38</b>	<b>39</b>	<b>78</b>	<b>55</b>	<b>50</b>	<b>31</b>	<b>36</b>	<b>44</b>	<b>70</b>	<b>103</b>	<b>121</b>	<b>126</b>	<b>136</b>	<b>144</b>
Kentucky.....	36	37	75	52	48	30	33	42	70	102	115	115	127	133
Tennessee.....	37	39	78	53	48	31	35	42	69	103	118	121	129	136
Alabama.....	38	38	69	60	56	34	43	47	69	101	125	134	142	152
Mississippi.....	42	42	94	59	53	31	39	46	71	106	137	147	159	169
<b>West South Central.</b>	<b>51</b>	<b>54</b>	<b>95</b>	<b>77</b>	<b>73</b>	<b>44</b>	<b>49</b>	<b>53</b>	<b>75</b>	<b>103</b>	<b>136</b>	<b>138</b>	<b>151</b>	<b>158</b>
Arkansas.....	42	40	94	68	60	34	37	40	71	105	126	132	144	154
Louisiana.....	47	45	94	67	62	42	49	57	77	105	138	146	161	174
Oklahoma.....	52	50	89	70	68	41	46	50	69	108	136	138	148	155
Texas.....	53	57	97	81	76	46	51	55	77	102	137	139	151	158
<b>Mountain.</b>	<b>58</b>	<b>58</b>	<b>88</b>	<b>59</b>	<b>61</b>	<b>35</b>	<b>36</b>	<b>41</b>	<b>70</b>	<b>104</b>	<b>136</b>	<b>138</b>	<b>139</b>	<b>148</b>
Montana.....	76	79	99	59	64	37	39	43	68	104	146	152	162	171
Idaho.....	46	45	80	57	60	34	37	43	76	107	142	146	152	158
Wyoming.....	53	56	97	54	61	33	33	40	67	100	123	123	121	128
Colorado.....	64	60	91	60	57	32	32	37	64	104	128	124	121	130
New Mexico.....	46	46	66	50	52	32	34	36	70	107	136	137	133	141
Arizona.....	43	44	74	55	63	34	37	40	75	99	137	144	145	157
Utah.....	60	58	100	78	75	47	47	49	73	107	137	139	136	142
Nevada.....	72	76	101	77	74	46	45	49	81	99	139	142	145	153
<b>Pacific.</b>	<b>51</b>	<b>58</b>	<b>84</b>	<b>67</b>	<b>66</b>	<b>38</b>	<b>40</b>	<b>42</b>	<b>79</b>	<b>96</b>	<b>130</b>	<b>137</b>	<b>146</b>	<b>156</b>
Washington.....	47	48	67	54	54	32	38	45	75	101	137	140	147	156
Oregon.....	55	56	73	62	63	35	35	41	74	99	128	130	137	144
California.....	40	47	71	70	70	40	41	42	80	94	128	137	147	158

Source: Department of Agriculture, Agricultural Research Service; periodic report, *Current Developments in the Farm Real Estate Market* and annual report, *Agricultural Statistics*.

## No. 796.—FARMS—NUMBER AND ACREAGE, BY SIZE OF FARM: 1920 TO 1954

[1950 data, except number of farms, based on reports for a sample of farms. May not agree with other 1950 sample data, since size data were not adjusted to agree with total count of farms. Minus sign (—) denotes decrease]

Notes decrease

SIZE OF FARM	1920	1930	1940	1945	1950	PERCENT DISTRIBUTION				
						1920	1930	1940	1945	1950
NUMBER OF FARMS										
Total.....	6,448,343	6,288,648	6,096,799	5,859,169	5,382,162	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	288,772	358,504	506,402	594,561	484,914	4.5	5.7	8.3	10.1	9.0
Under 3 acres.....	20,350	43,007	35,977	98,966	76,606	0.3	0.7	0.6	1.7	1.4
3 to 9 acres.....	268,422	315,497	470,425	495,595	408,308	4.2	5.0	7.7	8.5	7.6
10 to 29 acres.....	(1)	(1)	1,012,971	945,608	853,008	(1)	(1)	16.6	16.1	15.9
10 to 19 acres.....	507,763	559,617	559,254	(1)	(1)	7.9	8.9	9.2	(1)	(1)
20 to 29 acres.....	(1)	(1)	453,717	(1)	(1)	(1)	(1)	7.4	(1)	(1)
30 to 49 acres.....	(1)	(1)	767,289	708,796	624,242	(1)	(1)	12.6	12.1	11.6
50 to 99 acres.....	1,474,745	1,374,965	1,291,048	1,157,320	1,047,801	22.9	21.9	21.2	19.8	19.5
100 to 179 acres.....	(1)	(1)	1,309,741	1,199,809	1,102,562	(1)	(1)	21.5	20.5	20.5
180 to 259 acres.....	(1)	(1)	486,336	493,215	487,325	(1)	(1)	8.0	8.4	9.1
260 to 499 acres.....	475,077	451,338	458,787	473,184	478,084	7.4	7.2	7.5	8.1	8.9
500 to 999 acres.....	149,819	159,696	163,694	173,777	182,204	2.3	2.5	2.7	3.0	3.4
1,000 acres and over.....	67,405	80,620	100,531	112,899	121,362	1.0	1.3	1.6	1.9	2.3
20 to 49 acres.....	1,503,732	1,440,388	1,221,006	(1)	(1)	23.3	22.9	20.0	(1)	(1)
100 to 174 acres.....	1,449,630	1,342,927	1,278,617	(1)	(1)	22.5	21.4	21.0	(1)	(1)
175 to 259 acres.....	530,800	520,593	517,460	(1)	(1)	8.2	8.3	8.5	(1)	(1)
LAND IN FARMS (1,000 acres)										
Total.....	955,884	986,771	1,060,852	1,141,615	1,159,789	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	1,600	1,908	2,668	2,805	2,430	0.2	0.2	0.3	0.2	0.2
Under 3 acres.....	34	61	51	141	(1)	(2)	(2)	(2)	(2)	(1)
3 to 9 acres.....	1,567	1,847	2,617	2,664	(1)	0.2	0.2	0.2	0.2	(1)
10 to 29 acres.....	(1)	(1)	18,111	16,894	15,391	(1)	(1)	1.7	1.5	1.3
10 to 19 acres.....	7,087	7,789	7,607	(1)	(1)	0.7	0.8	0.7	(1)	(1)
20 to 29 acres.....	(1)	(1)	10,504	(1)	(1)	(1)	(1)	1.0	(1)	(1)
30 to 49 acres.....	(1)	(1)	29,388	27,074	23,945	(1)	(1)	2.8	2.4	2.1
50 to 99 acres.....	105,631	98,685	93,317	83,206	75,628	11.1	10.0	8.8	7.3	6.5
100 to 179 acres.....	(1)	(1)	177,509	162,375	149,942	(1)	(1)	16.7	14.2	12.9
180 to 259 acres.....	(1)	(1)	104,289	105,802	105,388	(1)	(1)	9.8	9.3	9.1
260 to 499 acres.....	164,244	156,522	159,509	164,648	166,584	17.2	15.9	15.0	14.4	14.4
500 to 999 acres.....	100,976	108,924	111,935	118,836	125,981	10.6	11.0	10.6	10.4	10.9
1,000 acres and over.....	220,636	276,213	364,069	400,006	494,501	23.1	28.0	34.3	40.3	42.6
20 to 49 acres.....	48,466	46,252	39,892	(1)	(1)	5.1	4.7	3.8	(1)	(1)
100 to 174 acres.....	104,681	180,214	172,020	(1)	(1)	20.4	18.3	16.2	(1)	(1)
175 to 259 acres.....	112,563	110,265	109,777	(1)	(1)	11.8	11.2	10.3	(1)	(1)

SIZE OF FARM	1954								
	Number of farms	Land in farms		Percent change, 1950 to 1954		Crop-land harvested (1,000 acres)	Percent distribution		
		Total (1,000 acres)	Average per farm (acres)	Number of farms	Land in farms		Number of farms	All land in farms	Crop-land harvested
Total.....	4,782,416	1,158,192	242.2	-11.1	-0.1	332,870	100.0	100.0	100.0
Under 10 acres.....	484,291	2,260	4.7	-0.1	-7.0	937	10.1	0.2	0.3
10 to 29 acres.....	713,335	12,704	17.8	-16.4	-17.5	6,431	14.9	1.1	1.9
30 to 49 acres.....	499,496	19,165	38.4	-20.0	-20.0	7,843	10.4	1.7	2.4
50 to 99 acres.....	864,063	62,725	72.6	-17.5	-17.1	24,421	18.0	5.4	7.3
100 to 174 acres.....	346,323	20,116	58.1	-18.9	-18.7	7,542	7.2	1.7	2.3
175 to 259 acres.....	517,740	42,608	82.3	-16.6	-16.3	16,879	10.8	3.7	5.1
260 to 499 acres.....	953,109	130,120	136.5	-13.6	-13.2	58,007	20.0	11.2	17.4
500 to 999 acres.....	491,458	57,177	116.3	-15.1	-15.4	23,353	10.3	4.9	7.0
1,000 acres and over.....	461,651	72,943	158.0	-11.8	-11.5	34,655	9.7	6.3	10.4
180 to 259 acres.....	463,698	99,803	215.4	-4.8	-5.2	47,091	9.7	8.6	14.1
260 to 499 acres.....	257,189	50,784	197.5	-6.5	-6.9	23,007	5.4	4.4	6.9
500 to 999 acres.....	205,609	49,079	237.7	-2.7	-3.5	24,084	4.3	4.2	7.2
1,000 acres and over.....	482,246	168,308	349.1	0.9	1.1	77,975	10.1	14.6	23.4
1,000 acres and over.....	191,697	131,505	686.0	5.2	4.4	51,445	4.0	11.4	15.5
1,000 acres and over.....	130,481	531,482	4,073.3	7.5	7.5	58,719	2.7	45.9	17.6

<sup>1</sup> Not available.    <sup>2</sup> 0.05 percent or less.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. II, and U. S. Census of Agriculture: 1954, Vol. II.

No. 797.—FARMS—NUMBER, BY SIZE, BY STATES: 1954

STATE	Total number of farms	Under 3 acres	3 to 9 acres	10 to 29 acres	30 to 49 acres	50 to 99 acres	100 to 179 acres	180 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 acres and over
<b>United States</b>	<b>4,782,416</b>	<b>99,896</b>	<b>384,395</b>	<b>713,335</b>	<b>499,496</b>	<b>864,063</b>	<b>953,109</b>	<b>463,698</b>	<b>482,246</b>	<b>191,697</b>	<b>130,481</b>
The North.....	2,043,092	38,003	95,918	152,117	137,015	343,718	542,821	298,537	208,360	96,239	40,364
The South.....	2,316,607	41,920	228,868	488,307	323,047	468,721	363,786	144,462	150,499	66,291	40,706
The West.....	422,717	19,973	59,609	72,911	39,434	51,624	46,502	20,699	33,387	29,167	49,411
<b>New England</b> .....	<b>81,878</b>	<b>3,149</b>	<b>7,648</b>	<b>11,130</b>	<b>7,320</b>	<b>15,051</b>	<b>17,061</b>	<b>8,830</b>	<b>8,659</b>	<b>2,498</b>	<b>532</b>
Maine.....	23,368	458	1,071	1,995	1,835	5,375	6,178	2,958	2,548	754	196
New Hampshire.....	10,411	421	854	1,325	972	2,036	2,162	1,099	1,099	370	73
Vermont.....	15,981	461	834	1,088	664	1,786	3,803	2,797	3,408	981	159
Massachusetts.....	17,361	1,168	2,755	3,696	2,081	3,020	2,478	1,010	891	208	54
Rhode Island.....	2,004	149	313	410	235	408	283	105	67	27	7
Connecticut.....	12,753	492	1,821	2,616	1,533	2,426	2,157	861	646	158	43
<b>Middle Atlantic</b> .....	<b>257,276</b>	<b>7,812</b>	<b>20,992</b>	<b>32,875</b>	<b>22,319</b>	<b>57,070</b>	<b>65,350</b>	<b>27,309</b>	<b>19,255</b>	<b>3,478</b>	<b>566</b>
New York.....	105,714	2,521	6,141	10,363	7,711	20,541	28,577	15,139	12,503	2,175	301
New Jersey.....	22,686	1,281	4,654	5,514	2,117	3,393	3,484	1,244	764	175	60
Pennsylvania.....	128,876	4,000	10,197	16,998	12,491	33,136	33,289	10,926	6,506	1,128	205
<b>East North Central</b> .....	<b>798,690</b>	<b>14,498</b>	<b>40,772</b>	<b>68,880</b>	<b>68,888</b>	<b>171,319</b>	<b>228,110</b>	<b>113,038</b>	<b>80,257</b>	<b>11,554</b>	<b>1,374</b>
Ohio.....	177,074	3,615	12,725	20,278	16,949	43,738	47,125	18,860	11,833	1,737	214
Indiana.....	153,593	3,820	10,395	17,553	15,306	32,605	37,616	19,454	14,485	2,112	244
Illinois.....	175,543	3,341	7,884	11,869	10,014	24,028	49,266	34,707	29,504	4,504	426
Michigan.....	138,922	1,791	6,173	13,384	17,720	36,236	36,529	15,393	10,031	1,423	233
Wisconsin.....	153,558	1,981	3,595	5,796	8,890	34,712	57,574	24,624	14,401	1,778	257
<b>West North Central</b> .....	<b>905,248</b>	<b>12,547</b>	<b>26,506</b>	<b>39,232</b>	<b>38,488</b>	<b>100,278</b>	<b>232,300</b>	<b>149,360</b>	<b>189,939</b>	<b>78,709</b>	<b>37,892</b>
Minnesota.....	165,225	2,124	3,549	5,277	6,789	21,481	35,677	33,669	30,842	5,084	725
Iowa.....	192,933	2,803	6,335	7,967	6,435	22,582	70,487	42,809	29,960	3,284	271
Missouri.....	201,614	2,119	9,072	16,742	18,365	37,444	50,582	29,432	29,174	7,210	1,474
North Dakota.....	61,943	434	323	490	366	776	4,462	2,831	20,337	21,999	9,925
South Dakota.....	62,520	706	715	931	844	2,007	8,801	7,270	20,515	11,557	9,174
Nebraska.....	100,846	1,804	2,521	2,837	1,867	5,746	22,412	18,321	27,042	10,685	7,611
Kansas.....	120,167	2,551	3,991	4,988	3,822	10,235	19,881	15,028	32,069	18,890	8,712
<b>South Atlantic</b> .....	<b>858,971</b>	<b>17,358</b>	<b>92,992</b>	<b>201,861</b>	<b>132,234</b>	<b>182,216</b>	<b>123,102</b>	<b>46,289</b>	<b>39,783</b>	<b>15,793</b>	<b>8,213</b>
Delaware.....	6,297	178	513	850	709	1,344	1,354	648	534	148	39
Maryland.....	32,500	1,079	3,597	5,041	3,138	5,978	6,985	3,234	2,616	650	173
Virginia.....	136,416	3,452	16,843	27,452	16,861	28,138	22,474	9,098	8,185	2,884	999
West Virginia.....	68,583	1,189	6,915	11,211	8,825	16,811	13,236	4,913	3,811	1,308	394
North Carolina.....	267,906	5,391	29,088	76,672	49,329	59,390	29,994	8,984	6,458	1,905	695
South Carolina.....	124,203	1,459	14,333	39,430	21,053	22,746	13,223	4,526	4,342	2,011	1,080
Georgia.....	155,523	2,500	12,490	27,472	24,486	39,142	29,080	11,899	10,655	5,038	2,761
Florida.....	57,543	2,140	8,313	13,733	7,833	8,667	6,776	2,987	3,182	1,840	2,072
<b>East South Central</b> .....	<b>789,507</b>	<b>12,945</b>	<b>83,466</b>	<b>182,506</b>	<b>117,704</b>	<b>176,337</b>	<b>123,390</b>	<b>42,587</b>	<b>33,518</b>	<b>11,438</b>	<b>5,616</b>
Kentucky.....	193,487	4,989	20,250	31,633	24,166	48,874	38,889	13,330	8,888	2,010	458
Tennessee.....	203,149	4,932	21,109	44,678	28,576	47,743	33,418	11,411	8,488	2,173	621
Alabama.....	176,066	1,532	16,660	38,257	33,191	40,029	24,486	8,845	7,998	3,593	2,365
Mississippi.....	215,915	1,492	25,447	67,938	31,771	39,691	26,597	9,001	8,144	3,662	2,172
<b>West South Central</b> .....	<b>668,129</b>	<b>11,587</b>	<b>53,310</b>	<b>103,940</b>	<b>73,109</b>	<b>110,168</b>	<b>117,294</b>	<b>55,586</b>	<b>77,198</b>	<b>39,060</b>	<b>26,877</b>
Arkansas.....	145,076	2,081	12,919	29,720	21,368	29,559	24,575	10,146	9,289	3,774	1,645
Louisiana.....	111,127	1,656	14,875	34,063	21,352	18,091	10,052	3,653	3,803	2,050	1,532
Oklahoma.....	118,979	2,049	5,216	8,265	8,724	16,279	26,828	12,800	23,354	10,584	4,880
Texas.....	292,947	5,801	20,300	31,892	21,665	46,239	55,839	28,987	40,752	22,652	18,820
<b>Mountain</b> .....	<b>180,026</b>	<b>6,675</b>	<b>14,873</b>	<b>15,829</b>	<b>11,303</b>	<b>20,892</b>	<b>23,984</b>	<b>10,699</b>	<b>20,172</b>	<b>19,353</b>	<b>36,246</b>
Montana.....	33,061	541	914	1,073	820	1,692	3,108	1,721	4,231	5,553	13,408
Idaho.....	38,740	1,395	2,928	3,396	3,720	7,976	7,111	2,856	4,071	2,759	2,528
Wyoming.....	11,402	267	349	311	284	713	1,643	827	1,551	1,403	4,054
Colorado.....	40,749	1,272	2,843	3,232	1,790	3,692	5,857	2,538	5,703	5,614	8,208
New Mexico.....	21,070	520	3,358	2,923	1,336	1,787	1,921	850	1,941	2,014	4,353
Arizona.....	9,321	617	1,810	1,365	752	1,952	1,015	434	808	675	1,460
Utah.....	22,826	1,915	2,940	3,251	2,394	3,682	2,990	1,297	1,611	1,099	1,647
Nevada.....	2,857	148	231	278	207	398	339	176	256	236	588
<b>Pacific</b> .....	<b>242,691</b>	<b>13,298</b>	<b>44,736</b>	<b>57,082</b>	<b>28,131</b>	<b>30,732</b>	<b>22,518</b>	<b>10,000</b>	<b>13,215</b>	<b>9,814</b>	<b>13,165</b>
Washington.....	65,175	2,076	11,688	15,834	8,056	8,610	6,277	2,593	3,601	3,010	3,560
Oregon.....	54,441	1,643	8,459	10,866	6,115	8,417	6,714	2,993	3,666	2,281	3,357
California.....	123,075	9,579	24,559	30,382	13,960	13,705	9,527	4,444	6,148	4,523	6,248

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 798.—FARMS—NUMBER AND PERCENT DISTRIBUTION, BY TYPE: 1950 AND 1954

[Based on reports for a sample of farms. Type of farm determined on basis of relationship of value of products sold to total value of products sold for each farm. In general, value of sales from a particular source was 50% or more of total sales when a farm was classified as that type. Part-time farms include those with a value of products sold of \$250-\$1,199 and with operator either reporting 100 days or more of off-farm work or other income exceeding value of farm products sold. Residential farms include those with a value of farm products sold of less than \$250. Abnormal farms include public and private institutional farms, experiment stations, community projects, etc.]

TYPE OF FARM	1950		1954		TYPE OF FARM	1950		1954	
	Number of farms (1,000)	Percent distribution	Number of farms (1,000)	Percent distribution		Number of farms (1,000)	Percent distribution	Number of farms (1,000)	Percent distribution
All farms.....	5,379	100.0	4,783	100.0	Commercial farms—				
Commercial farms.....	3,706	68.9	3,328	69.6	Continued				
Cash-grain farms.....	430	8.0	538	11.2	General farms:				
Cotton farms.....	609	11.3	525	11.0	Primarily crop...	85	1.6	80	1.7
Other field-crop farms.....	409	7.6	368	7.7	Primarily live-stock.....	135	2.5	63	1.3
Vegetable farms.....	46	0.9	33	0.7	Crop and live-stock.....	275	5.1	204	4.3
Fruit- and nut farms.....	82	1.5	82	1.7	Miscellaneous types.	50	0.9	37	0.8
Dairy farms.....	602	11.2	549	11.5	Other farms.....	1,673	31.1	1,455	30.4
Poultry farms.....	176	3.3	154	3.2	Part-time farms.....	639	11.9	574	12.0
Livestock farms other than dairy and poultry.....	806	15.0	695	14.5	Residential farms.....	1,029	19.1	878	18.4
					Abnormal farms.....	4	0.1	3	0.1

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 799.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME: 1940, 1950, AND 1954

[Value of farm products for Censuses of 1940 and 1950 refers to preceding calendar year]

SOURCE OF INCOME	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD					
	1940	1950	1954	Total (\$1,000)			Average per farm reporting (dollars)		
				1940	1950	1954	1940	1950	1954
All farms.....	16,096,799	5,382,162	4,782,416	( <sup>1</sup> )	22,051,129	24,644,477	( <sup>2</sup> )	4,097	5,153
Farms with no farm products sold.....	440,189	360,987	( <sup>2</sup> )						
All farm products sold.....	5,617,068	5,021,175	( <sup>2</sup> )	8,681,581	22,051,129	24,644,477	1,190	4,392	( <sup>2</sup> )
All crops sold.....	4,225,175	( <sup>2</sup> )	( <sup>2</sup> )	3,094,947	9,802,845	12,221,625	733	( <sup>2</sup> )	( <sup>2</sup> )
Field crops, other than vegetables and fruits and nuts sold.....	3,825,478	( <sup>2</sup> )	( <sup>2</sup> )	2,470,727	8,012,065	9,924,860	646	( <sup>2</sup> )	( <sup>2</sup> )
Vegetables sold.....	458,011	346,528	279,606	199,526	607,018	645,095	436	1,752	2,307
Fruits and nuts sold.....	668,783	381,124	( <sup>2</sup> )	295,351	791,665	1,198,016	442	2,077	( <sup>2</sup> )
Horticultural specialties sold.....	28,774	( <sup>2</sup> )	( <sup>2</sup> )	129,343	392,098	453,654	4,495	( <sup>2</sup> )	( <sup>2</sup> )
All livestock and livestock products sold.....	4,453,508	( <sup>2</sup> )	( <sup>2</sup> )	3,547,482	12,113,722	12,292,424	796	( <sup>2</sup> )	( <sup>2</sup> )
Dairy products sold.....	2,647,851	2,006,831	( <sup>2</sup> )	1,118,193	3,079,132	3,334,066	422	1,534	( <sup>2</sup> )
Poultry and poultry products sold.....	3,507,802	2,730,178	( <sup>2</sup> )	555,412	1,823,332	1,918,936	158	668	( <sup>2</sup> )
Livestock and livestock products, other than dairy and poultry, sold.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,873,878	7,211,258	7,039,422	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Forest products sold.....	276,611	( <sup>2</sup> )	( <sup>2</sup> )	39,152	134,562	130,428	142	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Includes 39,542 unclassified farms for 1940 for which value of farm products sold are not available.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 800.—FARMS—NUMBER, BY TYPE OF FARM, BY STATES: 1954

[See headnote, table 708]

STATE	All farms	COMMERCIAL FARMS										Other farms
		Total <sup>1</sup>	Cash grain	Cotton	Other field crop	Veg-etable	Fruit and nut	Dairy	Poultry	Live-stock other than dairy and poultry	General	
<b>United States</b>	4,783,021	3,327,617	537,838	525,208	367,771	32,561	82,064	548,763	154,257	694,636	347,466	1,455,404
The North	2,043,275	1,627,883	422,014	11,516	17,741	13,346	16,333	413,508	73,705	440,313	204,242	415,392
The South	2,317,296	1,405,335	70,821	502,089	338,597	12,008	20,217	90,281	59,274	186,052	110,732	911,961
The West	422,540	294,399	45,003	11,603	11,433	7,207	45,514	44,974	21,278	68,271	32,492	128,051
<b>New England</b>	81,816	50,371	71	—	—	4,842	1,297	1,992	24,671	10,413	1,936	2,107
Maine	23,371	13,215	40	—	—	3,274	242	652	4,578	2,303	493	709
New Hampshire	10,423	5,435	6	—	—	66	85	110	2,512	1,707	264	327
Vermont	15,999	11,896	5	—	—	62	30	88	9,930	596	380	422
Massachusetts	17,316	10,961	5	—	—	690	630	816	3,926	3,130	458	383
Rhode Island	1,953	1,103	1	—	—	40	55	15	489	291	73	25
Connecticut	12,754	7,761	10	—	—	710	255	311	3,236	2,386	268	241
<b>Middle Atlantic</b>	257,199	176,754	11,662	—	—	2,929	5,353	6,378	91,120	25,493	12,592	16,101
New York	105,671	77,315	3,804	—	—	1,082	2,344	3,781	49,182	6,963	3,406	4,710
New Jersey	22,695	17,086	952	—	—	515	2,199	908	3,643	6,679	864	623
Pennsylvania	128,833	82,353	6,906	—	—	1,332	810	1,689	38,295	11,551	8,622	10,768
<b>E. N. Central</b>	799,065	619,665	169,662	85	—	7,014	5,546	7,409	196,140	22,146	129,767	76,690
Ohio	177,098	123,457	35,626	—	—	2,747	1,001	1,400	25,811	5,877	28,714	20,756
Indiana	153,697	115,182	39,395	—	—	1,673	630	340	12,116	5,937	36,496	18,080
Illinois	175,705	147,801	69,296	85	—	115	607	558	13,302	3,232	43,830	15,604
Michigan	138,943	98,161	21,441	—	—	1,525	2,090	4,390	37,562	4,653	10,400	14,694
Wisconsin	153,622	135,064	3,904	—	—	954	918	1,217	107,350	2,447	10,327	7,576
<b>W. N. Central</b>	905,195	781,091	240,619	11,431	—	2,956	1,150	554	101,577	15,653	296,018	109,344
Minnesota	165,324	146,527	33,956	—	—	1,142	489	140	49,812	4,636	23,040	27,739
Iowa	193,009	178,238	40,097	—	—	43	170	15	8,540	3,193	104,799	21,122
Missouri	201,680	140,307	20,465	11,431	—	320	219	298	27,506	4,445	59,821	15,310
North Dakota	61,808	59,546	38,992	—	—	830	15	—	3,185	296	7,740	8,403
South Dakota	62,350	59,796	18,322	—	—	87	25	—	1,518	721	28,081	10,972
Nebraska	100,733	94,153	34,613	—	—	466	80	25	2,839	895	42,127	12,986
Kansas	120,291	102,526	54,174	—	—	68	152	76	8,177	1,462	25,410	12,812
<b>South Atlantic</b>	858,675	508,837	16,358	89,759	218,163	7,222	15,313	31,613	34,400	47,957	40,687	349,838
Delaware	6,291	5,005	1,147	—	—	55	218	26	921	1,915	224	390
Maryland	32,483	22,402	2,747	—	—	4,686	751	239	6,182	2,796	2,324	2,034
Virginia	136,370	71,401	3,376	195	32,352	702	1,221	7,735	7,735	12,560	6,793	64,969
West Virginia	68,570	21,504	749	—	—	1,481	72	606	4,723	3,145	8,301	1,941
North Carolina	267,818	181,700	4,863	15,360	128,470	970	793	6,190	6,718	6,898	9,720	36,113
South Carolina	124,188	73,130	1,462	33,739	24,476	542	852	1,814	1,507	3,589	4,256	51,058
Georgia	165,465	101,867	1,729	39,177	21,071	880	382	3,069	10,742	9,880	12,755	63,598
Florida	57,490	32,188	285	1,288	5,572	3,087	11,194	949	1,897	4,151	2,198	23,302
<b>E. S. Central</b>	789,667	490,881	10,543	230,835	111,764	1,458	1,497	32,423	8,336	51,331	38,327	298,786
Kentucky	193,446	122,784	4,932	422	77,518	115	207	8,139	1,134	16,090	13,602	70,662
Tennessee	203,385	124,668	2,805	39,638	32,027	460	568	15,057	1,666	17,245	13,872	78,917
Alabama	176,949	95,107	1,303	67,295	1,777	506	502	2,585	3,396	9,335	6,737	81,842
Mississippi	215,887	148,522	1,503	123,480	442	377	220	6,442	2,140	8,661	4,116	67,365
<b>W. S. Central</b>	668,954	405,617	43,920	181,495	8,670	3,828	3,407	26,245	16,898	86,764	32,318	263,337
Arkansas	145,292	88,750	4,707	55,247	277	416	903	7,495	5,267	10,643	3,189	56,542
Louisiana	111,240	60,467	4,476	38,044	3,652	543	1,601	3,236	1,137	5,732	1,618	50,773
Oklahoma	119,270	74,009	20,323	9,780	1,314	243	214	7,136	1,554	22,341	10,889	45,261
Texas	293,152	182,391	14,414	78,424	3,427	2,126	689	8,378	8,940	48,048	16,622	110,761
<b>Mountain</b>	179,871	136,439	29,271	5,007	8,029	1,507	3,139	17,691	3,802	47,534	19,350	43,432
Montana	32,956	28,677	12,320	—	—	751	45	1,707	1,681	339	10,668	2,519
Idaho	38,810	31,282	7,776	—	—	4,007	154	382	6,620	510	4,883	6,578
Wyoming	11,355	9,633	1,183	—	—	428	2	—	771	109	5,890	1,184
Colorado	40,672	31,597	5,775	—	—	1,955	620	1,060	3,477	796	12,806	4,822
New Mexico	20,977	12,008	7,750	2,733	—	300	123	501	784	236	5,665	866
Arizona	9,285	6,216	2,221	2,269	—	5	181	265	564	403	1,866	360
Utah	23,008	15,115	1,224	—	—	562	356	751	3,544	1,342	4,544	2,725
Nevada	2,808	1,911	22	5	—	21	26	10	250	67	1,212	296
<b>Pacific</b>	242,579	157,960	15,732	6,596	3,404	5,700	42,375	27,283	17,476	20,737	13,142	84,619
Washington	65,135	36,410	7,111	—	—	1,183	1,156	6,113	9,145	3,325	4,289	2,758
Oregon	54,442	32,124	4,102	—	—	1,002	1,048	4,731	5,686	2,677	6,085	5,652
California	123,002	89,426	4,519	6,596	1,219	3,496	31,531	12,452	11,574	10,363	5,332	33,576

<sup>1</sup> Includes miscellaneous commercial farms not shown separately.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 801.—FARMS—NUMBER, BY ECONOMIC CLASS: 1929 TO 1954

[In thousands. Based on Bureau of the Census data. Figures for 1954 differ slightly from totals presented in table 803 due to difference in classification of farms by the two sources. For example, Department of Agriculture includes in the group having sales of \$1,200 to \$2,499 only those farms for which such sales provide the major source of family income, whereas the Bureau of the Census includes in this group all farms falling within that sales range]

ECONOMIC CLASS	1929	1939	1944	1949	1954
All farms.....	6,289	6,097	5,859	5,382	4,782
Commercial farms, total.....	4,723	4,265	3,941	3,465	3,100
By value of sales: <sup>1</sup>					
\$25,000 and over.....	47	60	91	103	134
\$10,000 to \$24,999.....	205	252	347	381	449
\$5,000 to \$9,999.....	560	585	723	721	707
\$2,500 to \$4,999.....	1,078	1,015	976	882	811
\$1,200 to \$2,499 <sup>2</sup> .....	1,274	1,070	867	661	536
\$250 to \$1,199 <sup>2</sup> .....	1,559	1,283	937	717	463
Noncommercial farms, total.....	1,480	1,685	1,738	1,917	1,682
Part-time and residential (sales under \$2,500) <sup>3</sup> .....	924	1,181	1,345	1,670	1,507
Subsistence (sales under \$250) <sup>2</sup> .....	556	504	393	247	175
Excluded by revised definition <sup>4</sup> .....	86	147	180	-----	-----

<sup>1</sup> Value intervals in early years deflated to 1954 level of prices received by farmers for farm products.

<sup>2</sup> With operator not working off the farm as much as 100 days and farm sales greater than income of family members from off-farm sources.

<sup>3</sup> With operator working off the farm 100 or more days, or other income of family members exceeding sales from the farm.

<sup>4</sup> Farms listed in earlier censuses that would not have met the minimum criteria used in the 1950 and 1954 Censuses of Agriculture.

Source: Department of Agriculture, Agricultural Research Service; *Family Farms in a Changing Economy*. (Agriculture Information Bulletin No. 171.)

## No. 802.—AVERAGE ACREAGE PER FARM, BY ECONOMIC CLASS: 1940 TO 1954

[See headnote, table 801]

ECONOMIC CLASS	1940	1945	1950	1954
All farms.....	174	195	215	242
Commercial farms.....	220	255	300	336
By value of sales:				
\$25,000 and over.....	2,900	2,480	2,422	1,939
\$10,000 to \$24,999.....	536	585	567	538
\$5,000 to \$9,999.....	292	299	298	312
\$2,500 to \$4,999.....	189	184	191	201
\$1,200 to \$2,499.....	118	112	131	133
\$250 to \$1,199.....	90	89	85	97
Noncommercial farms.....	80	74	65	71

Source: Department of Agriculture, Agricultural Research Service; *Family Farms in a Changing Economy*. (Agriculture Information Bulletin No. 171.)



## No. 803.—FARMS—NUMBER, BY ECONOMIC CLASS, BY STATES: 1954

[Based on reports for a sample of farms. For total commercial farms and other farms, see table 800]

STATE	All farms	COMMERCIAL FARMS BY VALUE OF FARM PRODUCTS SOLD						OTHER FARMS <sup>1</sup>		
		\$250 to \$1,199	\$1,200 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$24,999	\$25,000 and over	Part-time	Residential	Abnormal
U. S.....	4,783,021	462,427	763,348	811,965	706,929	448,945	134,003	574,575	878,136	2,693
North.....	2,043,275	120,915	271,603	411,320	466,775	298,043	58,624	186,906	227,187	1,299
South.....	2,317,296	323,442	443,990	341,898	173,159	87,738	35,113	336,590	574,599	772
West.....	422,450	18,070	47,752	58,752	66,995	62,564	40,266	51,079	76,350	622
N. E.....	81,816	3,897	8,081	10,983	12,911	10,627	3,872	10,181	21,090	174
Maine.....	23,371	1,348	2,238	2,959	3,138	2,572	960	3,109	7,011	36
N. H.....	10,423	628	1,002	1,840	1,238	953	274	1,601	3,466	21
Vt.....	15,999	592	1,921	2,951	4,042	2,011	379	1,517	2,867	19
Mass.....	17,316	876	1,775	2,167	2,498	2,545	1,100	2,896	3,894	65
R. I.....	1,953	92	1,192	220	246	261	92	255	595	-----
Conn.....	12,754	361	953	1,846	1,749	2,285	1,067	1,403	3,557	33
M. A.....	257,199	13,864	30,070	42,043	48,194	34,235	8,348	33,139	47,030	276
N. Y.....	105,671	4,938	11,780	19,026	22,988	14,970	3,604	11,388	10,831	137
N. J.....	22,695	1,045	1,860	2,556	3,819	5,825	1,981	2,131	3,450	28
Pa.....	128,833	7,881	16,421	20,461	21,387	13,440	2,703	19,020	26,749	111
E. N. C.....	799,065	47,653	113,585	153,182	169,456	110,613	20,176	86,262	92,685	453
Ohio.....	177,098	11,465	24,955	31,778	32,497	19,744	3,018	24,545	23,972	124
Ind.....	153,697	9,687	21,549	26,810	29,374	23,219	4,543	13,371	20,020	124
Ill.....	175,705	9,570	18,058	26,949	41,557	42,087	9,580	12,570	15,296	38
Mich.....	138,943	9,730	26,029	27,473	22,556	10,851	1,542	21,304	19,401	77
Wis.....	153,622	7,201	22,994	45,172	45,472	14,732	1,493	9,472	8,996	90
W. N. C.....	905,195	55,501	119,870	200,112	236,214	143,168	26,228	57,324	66,382	396
Minn.....	165,324	9,350	23,103	40,588	46,975	23,503	3,008	10,038	8,687	77
Iowa.....	193,009	6,640	15,430	32,818	50,884	52,194	10,302	7,315	7,340	116
Mo.....	201,680	23,048	36,590	37,062	28,307	12,719	2,581	25,800	35,515	58
N. Dak.....	61,808	2,859	9,450	20,363	18,301	7,502	1,071	1,223	1,022	17
S. Dak.....	62,350	2,740	7,602	17,504	20,871	9,585	1,494	1,266	1,241	47
Nebr.....	100,733	3,918	10,716	24,452	32,050	18,846	4,171	3,107	3,433	40
Kans.....	120,291	6,946	16,979	26,325	29,826	18,849	3,601	8,580	9,144	41
S. A.....	858,675	102,654	152,093	142,647	70,469	30,076	10,898	117,135	232,296	407
Del.....	6,291	340	740	910	1,050	1,289	676	585	700	1
Md.....	32,483	2,123	4,078	5,024	5,097	4,402	1,318	4,012	6,308	31
Va.....	136,370	16,997	23,777	16,482	7,752	4,500	1,893	21,863	43,032	74
N. Va.....	68,570	8,833	5,737	3,162	2,269	1,148	1,355	12,039	35,008	24
N. C.....	267,818	30,786	54,437	62,132	27,537	5,805	1,003	27,672	58,335	111
S. C.....	124,188	18,322	24,483	20,731	6,632	2,220	742	19,955	31,050	80
Ga.....	165,465	21,503	31,132	26,601	14,389	6,523	1,719	21,878	41,940	80
Fla.....	57,490	3,750	7,709	7,605	5,743	4,189	3,192	9,431	15,838	33
E. S. C.....	789,667	146,826	181,883	105,956	38,167	13,892	4,157	115,882	182,700	204
Ky.....	193,446	29,242	40,762	32,448	14,810	4,683	839	24,507	46,074	81
Tenn.....	203,385	30,138	46,618	25,945	9,376	2,782	609	35,727	45,141	49
Ala.....	176,949	35,196	32,335	17,126	6,132	3,301	1,017	29,919	51,877	46
Miss.....	215,887	43,250	62,168	30,437	7,849	3,126	1,692	27,729	39,608	28
W. S. C.....	668,954	73,962	110,014	93,290	64,523	43,770	20,058	103,573	159,603	161
Ark.....	145,292	19,269	27,791	20,223	11,789	6,363	3,315	20,114	36,412	16
La.....	111,240	13,104	21,413	13,061	6,280	3,691	2,618	17,698	33,032	43
Okla.....	119,270	12,490	17,964	18,952	15,048	8,028	1,527	20,231	24,992	38
Tex.....	293,152	29,099	42,846	40,154	31,406	25,688	13,198	45,630	65,167	64
Mt.....	179,871	9,572	21,654	29,536	34,156	28,292	13,229	18,007	25,063	362
Mont.....	32,956	1,595	3,833	6,003	7,760	6,905	2,581	2,029	2,197	53
Idaho.....	38,810	1,657	4,349	7,002	8,735	7,220	2,319	3,447	4,043	38
Wyo.....	11,355	569	1,434	2,179	2,558	1,952	941	917	783	22
Colo.....	40,672	2,428	5,295	7,010	8,049	6,150	2,665	3,755	5,269	51
N. Mex.....	20,977	1,840	2,309	2,117	2,251	2,024	1,407	2,670	6,256	43
Ariz.....	9,285	1,301	761	858	909	1,273	2,114	1,111	1,894	64
Utah.....	23,008	1,030	3,390	4,065	3,493	2,296	841	3,752	4,056	85
Nev.....	2,808	152	283	302	401	472	301	326	565	6
Pac.....	242,579	8,498	26,098	29,216	32,839	34,272	27,037	33,072	51,287	260
Wash.....	65,135	2,741	6,709	6,554	7,154	7,579	5,673	10,325	18,346	54
Oreg.....	54,442	2,274	6,444	6,945	6,853	6,478	3,130	8,640	13,627	51
Calif.....	123,002	3,483	12,945	15,717	18,832	20,215	18,234	14,107	19,314	155

<sup>1</sup> See headnote, table 798.

# No. 804.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1954

[Value in thousands of dollars. Calendar-year data]

STATE	Total number of farms	All farm products sold, value	Field crops other than vegetables and fruits and nuts sold, value	VEGETABLES SOLD		Fruits and nuts sold, value
				Farms reporting	Value	
United States.....	4, 782, 416	24, 644, 477	9, 924, 860	279, 606	645, 095	1, 198, 016
New England.....	81, 878	535, 177	98, 456	7, 274	12, 643	24, 820
Maine.....	23, 368	139, 541	56, 037	2, 307	2, 494	3, 886
New Hampshire.....	10, 411	45, 338	1, 511	620	664	2, 227
Vermont.....	15, 981	86, 446	2, 018	577	248	2, 440
Massachusetts.....	17, 361	125, 226	11, 101	2, 847	5, 755	11, 534
Rhode Island.....	2, 004	15, 317	1, 929	238	398	347
Connecticut.....	12, 753	123, 309	25, 861	1, 185	3, 174	4, 387
Middle Atlantic.....	257, 276	1, 514, 071	193, 241	27, 857	84, 113	95, 847
New York.....	105, 714	668, 488	74, 635	10, 593	35, 200	54, 417
New Jersey.....	22, 686	242, 033	22, 911	5, 102	33, 218	16, 088
Pennsylvania.....	128, 876	603, 550	95, 696	11, 862	15, 695	25, 342
East North Central.....	798, 690	4, 593, 621	1, 575, 025	53, 830	74, 576	79, 264
Ohio.....	177, 074	844, 013	305, 197	7, 897	13, 709	12, 049
Indiana.....	153, 593	906, 019	357, 234	5, 935	9, 589	4, 305
Illinois.....	175, 543	1, 805, 637	674, 778	4, 570	14, 310	6, 571
Michigan.....	138, 922	545, 071	168, 080	13, 931	18, 845	46, 876
Wisconsin.....	153, 558	792, 882	69, 735	21, 497	18, 122	8, 563
West North Central.....	905, 248	6, 053, 022	2, 168, 471	14, 091	16, 069	6, 234
Minnesota.....	165, 225	983, 995	327, 237	7, 598	10, 486	936
Iowa.....	192, 933	1, 839, 989	439, 085	2, 563	2, 691	570
Missouri.....	201, 614	733, 734	237, 632	2, 001	1, 587	3, 557
North Dakota.....	61, 943	376, 122	255, 131	147	52	32
South Dakota.....	62, 520	436, 001	159, 129	309	136	60
Nebraska.....	100, 846	880, 842	305, 710	621	412	325
Kansas.....	120, 167	802, 340	423, 546	852	705	753
South Atlantic.....	858, 971	2, 630, 511	1, 229, 594	82, 724	130, 697	260, 369
Delaware.....	6, 297	81, 565	13, 515	1, 446	5, 478	997
Maryland.....	32, 500	195, 072	47, 510	5, 345	10, 838	5, 011
Virginia.....	136, 416	363, 699	132, 063	7, 001	10, 029	23, 616
West Virginia.....	68, 683	90, 461	7, 154	1, 934	554	12, 249
North Carolina.....	267, 906	733, 461	576, 550	22, 723	8, 837	7, 117
South Carolina.....	124, 203	251, 711	174, 175	11, 125	7, 822	9, 944
Georgia.....	165, 523	448, 426	218, 088	23, 384	8, 871	12, 607
Florida.....	57, 543	466, 116	60, 639	9, 766	78, 267	188, 828
East South Central.....	789, 507	1, 541, 502	957, 496	34, 827	11, 044	12, 703
Kentucky.....	193, 487	424, 654	248, 537	3, 278	1, 252	2, 646
Tennessee.....	203, 149	353, 215	192, 936	9, 147	3, 510	4, 099
Alabama.....	176, 956	303, 657	170, 746	11, 894	3, 730	3, 426
Mississippi.....	215, 915	459, 976	344, 977	10, 508	2, 552	2, 532
West South Central.....	668, 129	2, 853, 010	1, 843, 537	36, 610	37, 724	18, 154
Arkansas.....	145, 076	491, 765	368, 384	6, 397	2, 385	4, 970
Louisiana.....	111, 127	369, 791	229, 398	6, 458	3, 061	4, 541
Oklahoma.....	118, 979	409, 386	210, 977	2, 364	1, 600	1, 624
Texas.....	292, 947	1, 642, 069	1, 034, 778	21, 391	30, 678	7, 019
Mountain.....	180, 626	1, 810, 249	807, 456	8, 517	47, 972	32, 051
Montana.....	33, 061	339, 481	182, 544	348	263	943
Idaho.....	38, 740	332, 126	185, 146	1, 635	3, 697	6, 507
Wyoming.....	11, 402	115, 135	23, 818	101	487	19
Colorado.....	40, 749	379, 900	106, 529	2, 139	6, 728	9, 615
New Mexico.....	21, 070	155, 090	76, 934	1, 282	3, 339	3, 572
Arizona.....	9, 321	328, 197	199, 225	494	30, 495	6, 897
Utah.....	22, 826	126, 576	28, 602	2, 429	2, 699	4, 470
Nevada.....	2, 857	33, 744	4, 607	89	364	28
Pacific.....	242, 691	3, 113, 314	1, 051, 583	13, 876	230, 256	668, 574
Washington.....	65, 175	506, 045	225, 699	3, 789	16, 049	107, 964
Oregon.....	54, 441	346, 347	126, 717	2, 926	17, 950	40, 647
California.....	123, 075	2, 260, 921	699, 166	7, 161	196, 258	519, 963

## No. 804.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1954—Continued

(Value in thousands of dollars)

STATE	Horti- cultural special- ties sold, value	DAIRY PRODUCTS SOLD		Poultry and poul- try prod- ucts sold, value	Livestock and live- stock prod- ucts sold, value <sup>2</sup>	Forest products sold, value
		Farms re- porting <sup>1</sup>	Value			
United States.....	453,654	1,474,699	3,334,066	1,918,936	7,039,422	130,428
New England.....	33,667	30,428	184,109	143,150	26,686	11,647
Maine.....	1,744	7,102	24,339	41,123	5,248	4,759
New Hampshire.....	1,407	3,425	16,168	19,415	2,495	1,452
Vermont.....	425	10,985	64,327	6,109	6,446	4,434
Massachusetts.....	15,059	4,505	36,966	36,717	7,345	749
Rhode Island.....	2,116	594	6,246	3,584	679	19
Connecticut.....	12,916	3,817	36,063	36,200	4,473	235
Middle Atlantic.....	99,963	115,048	603,689	273,186	155,689	8,343
New York.....	37,758	57,363	334,322	78,292	48,837	5,028
New Jersey.....	22,519	4,023	52,384	79,687	15,077	148
Pennsylvania.....	39,687	53,662	216,983	115,207	91,775	3,167
East North Central.....	102,799	399,061	955,260	285,626	1,510,087	10,985
Ohio.....	36,213	77,087	149,101	69,991	255,322	1,531
Indiana.....	14,148	61,850	94,154	71,266	354,241	1,082
Illinois.....	24,738	68,075	121,005	51,963	611,641	630
Michigan.....	19,921	68,409	151,306	40,332	96,391	3,318
Wisconsin.....	7,779	123,640	439,694	52,073	102,492	4,423
West North Central.....	32,605	490,406	532,111	329,726	2,963,630	4,175
Minnesota.....	9,467	115,021	198,700	102,875	332,401	1,893
Iowa.....	9,182	112,941	116,714	96,469	1,174,824	453
Missouri.....	7,160	81,947	84,203	51,247	326,841	1,507
North Dakota.....	439	37,740	27,161	8,087	84,189	30
South Dakota.....	1,000	33,120	20,257	18,797	236,564	55
Nebraska.....	2,079	56,980	35,922	28,613	507,711	69
Kansas.....	3,278	52,657	49,153	23,637	301,100	168
South Atlantic.....	56,056	98,644	257,719	350,653	304,597	40,824
Delaware.....	2,804	1,475	6,965	48,572	3,029	204
Maryland.....	5,097	8,936	55,818	42,831	26,355	1,012
Virginia.....	6,457	31,130	52,714	57,751	73,721	7,347
West Virginia.....	2,100	17,478	16,275	24,634	25,816	1,680
North Carolina.....	5,385	22,447	35,952	47,518	43,976	8,125
South Carolina.....	1,596	6,244	15,448	16,289	22,183	4,254
Georgia.....	4,415	9,415	31,446	95,248	63,054	14,696
Florida.....	27,601	1,519	43,101	17,810	46,463	3,506
East South Central.....	13,850	144,423	146,985	93,094	286,696	19,633
Kentucky.....	2,689	57,386	44,339	14,180	108,847	1,864
Tennessee.....	4,264	51,386	49,782	16,091	79,014	3,519
Alabama.....	5,647	13,723	22,324	35,455	53,826	8,503
Mississippi.....	1,251	21,928	30,540	27,367	45,010	5,747
West South Central.....	19,935	80,424	174,110	155,132	596,929	7,489
Arkansas.....	1,446	22,012	21,849	50,175	39,689	2,866
Louisiana.....	2,999	4,619	25,330	9,780	32,740	1,941
Oklahoma.....	2,807	30,387	35,612	15,119	141,362	285
Texas.....	12,682	23,406	91,820	80,057	383,139	2,396
Mountain.....	13,495	63,294	121,327	46,032	737,783	4,132
Montana.....	831	11,466	11,407	3,734	138,836	923
Idaho.....	1,434	21,996	37,731	5,504	90,654	1,552
Wyoming.....	408	3,855	4,721	1,158	84,287	237
Colorado.....	6,951	13,485	25,548	10,528	213,710	291
New Mexico.....	529	2,081	7,652	2,512	60,363	149
Arizona.....	2,072	999	13,098	3,274	72,295	839
Utah.....	1,209	8,861	18,407	18,821	52,276	90
Nevada.....	60	551	2,762	501	25,371	52
Pacific.....	81,283	52,971	358,755	242,338	457,325	23,199
Washington.....	8,854	19,377	55,086	29,900	57,365	5,128
Oregon.....	9,872	16,370	39,159	24,569	73,383	14,051
California.....	62,558	17,224	264,510	187,869	326,577	4,020

<sup>1</sup> Farms reporting milk sold plus farms reporting cream sold.<sup>2</sup> Other than dairy and poultry.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

No. 805.—FARMS—NUMBER, BY COLOR AND TENURE OF OPERATOR, WITH ACREAGE AND VALUE BY TENURE OF OPERATOR: 1910 TO 1954

[1950 data for value of farms and all 1954 data based on reports for a sample of farms. See also *Historical Statistics, 1789-1945*, series E 19-24, 31-60]

YEAR, COLOR, AND REGION	All farms	Full owner	Part owner	Manager	TENANT	
					Cash <sup>1</sup>	Other
NUMBER OF FARMS						
United States, total:						
1910.....	6,361,502	3,354,897	593,825	58,104	712,294	1,642,382
1920.....	6,448,343	3,366,510	558,580	68,449	480,009	1,974,795
1930.....	6,288,618	2,911,644	656,750	55,889	489,210	2,175,155
1940.....	6,096,799	3,084,138	615,039	36,351	514,438	1,846,833
1950.....	5,382,162	3,089,583	824,923	23,527	212,790	1,231,339
1954.....	4,783,021	2,744,708	868,180	20,894	160,131	989,108
White:						
1910.....	5,440,619	3,159,088	548,413	56,560	447,851	1,228,707
1920.....	5,498,454	3,174,109	517,759	66,223	373,835	1,366,628
1930.....	5,372,578	2,752,787	612,887	52,767	387,834	1,566,303
1940.....	5,377,728	2,916,562	581,517	35,634	444,205	1,399,810
1950.....	4,801,243	2,936,122	769,573	23,056	171,375	901,117
1954.....	4,301,420	2,604,730	814,112	20,236	130,737	731,605
Nonwhite:						
1910.....	920,883	195,809	45,412	1,544	264,443	413,675
1920.....	940,889	192,401	40,821	2,226	106,174	608,267
1930.....	916,070	158,857	43,863	3,122	101,376	608,852
1940.....	719,071	167,576	33,522	717	70,233	447,023
1950.....	580,919	153,461	55,350	471	41,415	330,222
1954.....	481,601	139,978	54,068	658	29,394	257,503
The South, total:						
1910.....	3,097,547	1,329,390	215,121	16,284	453,060	1,083,692
1920.....	3,206,664	1,405,762	191,468	18,318	219,188	1,371,933
1930.....	3,223,816	1,190,683	224,992	17,358	238,032	1,552,751
1940.....	3,007,170	1,327,690	216,607	13,580	254,351	1,194,942
1950.....	2,652,423	1,411,123	325,999	9,979	119,855	785,467
1954.....	2,317,296	1,275,226	351,016	9,571	88,782	592,701
White:						
1910.....	2,207,406	1,154,100	171,944	15,084	192,094	674,184
1920.....	2,283,750	1,227,204	152,432	16,548	118,913	768,653
1930.....	2,342,129	1,050,187	183,469	16,529	140,112	951,832
1940.....	2,326,904	1,185,788	185,246	13,215	189,667	752,988
1950.....	2,093,333	1,269,641	274,135	9,740	80,293	459,524
1954.....	1,853,820	1,145,372	300,280	9,190	60,634	338,344
Nonwhite:						
1910.....	890,141	175,290	43,177	1,200	260,966	409,508
1920.....	922,914	178,558	39,031	1,770	100,275	603,280
1930.....	881,687	140,496	41,523	829	97,920	600,919
1940.....	680,266	141,902	31,361	365	64,684	441,954
1950.....	559,090	141,482	51,864	239	39,562	325,943
1954.....	463,476	129,854	50,736	381	28,148	254,357
LAND IN FARMS (1,000 acres)						
United States, total:						
1910.....	878,798	464,923	133,631	53,731	67,847	158,666
1920.....	955,884	461,250	175,525	54,129	65,095	199,885
1930.....	986,771	372,450	245,926	61,986	71,370	235,039
1940.....	1,060,852	382,098	300,325	66,530	74,889	237,010
1950.....	1,158,566	418,970	422,394	105,241	42,203	169,757
1954.....	1,160,044	397,214	472,465	100,003	36,960	153,402
VALUE OF FARMS (LAND AND BUILDINGS) (\$1,000)						
United States, total:						
1910.....	34,801,126	17,310,639	5,056,295	1,456,959	10,977,232	
1920.....	66,316,003	30,710,721	9,153,502	2,665,216	6,012,819	17,773,744
1930.....	47,879,838	21,123,468	8,136,335	2,238,478	3,801,132	12,580,426
1940.....	33,641,739	15,297,274	6,112,411	1,442,657	2,227,608	8,561,788
1950.....	75,260,606	(2)	(2)	(2)	(2)	(2)
1954.....	97,582,918	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> For 1910, standing renters (renters paying a fixed quantity of products) were included with Cash tenants for all States; for 1920, those for northern and western States were included with Cash tenants, and those for the South with Other tenants.

<sup>2</sup> Averages only available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 806.—FARMS—NUMBER, BY TENURE OF OPERATOR, BY STATES: 1950 AND 1954

[1954 data based on reports for a sample of farms. For total number of farms (all tenures combined), see table 794]

STATE	NUMBER OF FARMS OPERATED BY—								TENANTS AS PERCENT OF TOTAL	
	Full owners		Part owners		Managers		Tenants			
	1950	1954	1950	1954	1950	1954	1950	1954	1950	1954
United States.....	3,089,583	2,744,708	824,923	868,180	23,527	20,894	1,444,129	1,149,239	26.8	24.0
The North.....	1,366,118	1,189,462	414,165	430,306	8,436	6,800	479,347	416,707	21.1	20.4
The South.....	1,411,123	1,275,226	325,999	351,016	9,979	9,571	905,322	681,483	34.1	29.4
The West.....	312,342	280,020	84,759	86,858	5,112	4,523	59,460	51,049	12.9	12.1
New England.....	86,845	64,889	11,784	13,867	817	625	3,779	2,435	3.7	3.0
Maine.....	27,180	19,999	2,293	2,823	102	114	783	435	2.6	1.9
New Hampshire.....	11,366	8,352	1,490	1,772	94	57	441	242	3.3	2.3
Vermont.....	15,273	11,602	2,741	3,553	142	106	887	738	4.7	4.0
Massachusetts.....	18,766	14,019	2,440	2,623	277	254	737	420	3.3	2.4
Rhode Island.....	1,097	1,495	394	341	31	12	176	105	6.8	5.4
Connecticut.....	12,263	9,422	2,426	2,755	171	82	755	495	4.8	3.9
Middle Atlantic.....	234,472	195,711	36,987	42,212	1,934	1,356	23,309	17,920	7.9	7.0
New York.....	97,576	78,547	18,934	21,511	833	585	7,634	5,028	6.1	4.8
New Jersey.....	19,557	17,713	3,054	3,307	312	187	1,915	1,488	7.7	6.6
Pennsylvania.....	117,339	99,451	14,999	17,394	789	584	13,760	11,404	9.4	8.0
East North Central.....	562,255	492,161	144,522	152,869	3,165	2,635	175,462	151,400	19.8	18.9
Ohio.....	134,969	116,788	28,026	30,308	722	687	35,642	29,815	17.9	16.6
Indiana.....	105,365	94,188	28,615	30,829	539	425	32,108	28,255	19.3	18.4
Illinois.....	87,234	75,640	39,771	38,270	793	525	67,470	61,270	34.6	34.9
Michigan.....	113,914	99,027	27,231	29,163	492	406	13,952	10,347	9.0	7.4
Wisconsin.....	120,773	106,518	20,870	24,299	619	592	26,290	22,213	15.6	14.5
West North Central.....	482,546	436,701	220,872	221,358	2,520	2,184	276,797	244,952	28.2	27.1
Minnesota.....	106,487	96,758	34,843	36,171	375	304	37,396	32,091	20.9	19.4
Iowa.....	94,833	87,984	30,229	30,681	501	456	37,536	33,988	38.2	38.3
Missouri.....	146,427	128,124	36,674	37,742	555	503	46,389	35,311	20.2	17.5
North Dakota.....	25,493	23,467	25,493	25,488	125	95	14,900	12,758	21.9	20.6
South Dakota.....	20,697	19,714	25,334	24,288	224	197	20,197	18,151	30.4	29.1
Nebraska.....	37,939	35,141	27,164	26,342	333	327	41,747	38,923	38.9	38.6
Kansas.....	50,680	45,513	41,135	40,746	347	302	39,232	33,730	29.9	28.0
South Atlantic.....	546,883	497,734	100,491	115,504	3,936	3,917	307,688	241,520	32.1	28.1
Delaware.....	5,194	4,237	917	1,132	72	79	1,265	843	17.0	13.4
Maryland.....	25,671	22,605	3,387	4,344	338	337	6,711	5,297	18.6	16.3
District of Columbia.....	16	(1)	2	(1)	9	(1)	1	(1)	3.6	(1)
Virginia.....	108,338	94,431	16,209	19,185	571	595	25,579	22,159	17.1	16.2
West Virginia.....	67,583	56,243	5,280	5,943	218	169	8,353	6,215	10.3	9.1
North Carolina.....	142,085	129,239	35,422	41,429	516	564	110,485	96,586	38.3	36.1
South Carolina.....	59,282	57,626	16,495	17,337	401	446	63,186	48,779	45.3	39.3
Georgia.....	95,908	88,005	16,619	19,255	844	915	84,820	57,290	42.8	34.6
Florida.....	42,806	45,448	6,160	6,879	967	812	6,988	4,351	12.3	7.6
East South Central.....	478,925	428,840	97,736	109,430	2,062	2,040	334,279	249,357	36.6	31.6
Kentucky.....	143,455	126,118	25,493	28,523	416	384	49,112	38,421	22.5	19.9
Tennessee.....	134,670	121,221	28,851	30,590	377	388	67,733	51,186	29.2	25.2
Alabama.....	97,747	88,432	25,716	27,427	436	537	87,613	60,553	41.4	34.2
Mississippi.....	103,053	93,069	17,670	22,890	833	731	129,821	99,197	51.6	45.9
West South Central.....	385,315	348,652	127,772	126,082	3,981	3,614	263,355	190,606	33.7	28.5
Arkansas.....	93,643	77,739	19,640	18,652	544	638	68,602	48,263	37.6	33.2
Louisiana.....	62,810	60,860	11,584	12,828	588	628	49,199	37,524	39.6	33.7
Oklahoma.....	63,723	58,872	33,315	31,418	481	544	44,727	28,936	31.4	24.3
Texas.....	165,139	152,181	63,233	63,184	2,368	1,904	100,827	75,883	30.4	25.9
Mountain.....	112,155	101,177	49,543	49,933	1,922	1,794	31,238	26,967	16.0	15.0
Montana.....	16,090	14,493	13,573	13,425	267	251	5,155	4,787	14.7	14.5
Idaho.....	25,947	24,231	6,890	7,711	164	259	7,283	6,609	18.1	17.3
Wyoming.....	6,008	5,198	4,249	4,128	214	178	2,143	1,851	17.0	16.3
Colorado.....	23,582	20,938	11,255	10,457	366	305	10,375	8,972	22.8	22.1
New Mexico.....	14,533	12,769	5,731	5,650	288	249	3,057	2,303	13.0	11.0
Arizona.....	6,718	5,727	2,115	2,252	343	290	1,236	1,016	11.9	10.9
Utah.....	16,854	15,703	5,371	5,879	196	190	1,755	1,266	7.3	5.4
Nevada.....	2,423	2,118	359	425	94	72	234	193	7.5	6.9
Pacific.....	200,187	178,843	35,216	36,925	3,190	2,729	28,222	24,082	10.6	9.9
Washington.....	53,284	48,723	9,456	9,991	361	371	6,719	6,050	9.6	9.3
Oregon.....	46,069	41,250	8,282	8,606	273	336	5,208	4,250	8.7	7.8
California.....	100,834	88,870	17,478	18,328	2,556	2,022	16,308	13,782	11.9	11.2

1 Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

No. 807.—MORTGAGED FARMS—NUMBER, ACREAGE, VALUE, AND INDEBTEDNESS, BY TENURE AND REGION: 1930 TO 1956

REGION AND TENURE	FARMS		LAND IN FARMS		VALUE OF FARMS (LAND AND BUILDINGS)		MORTGAGE DEBT				Equity per mortgaged farm			
	Total number	Mortgaged farms	All farms, acres (1,000)	Mortgaged farms		All farms (\$1,000)	Mortgaged farms		Total (\$1,000)	Ratio to value of mortgaged farms (percent)		Debt per acre	Debt per farm	
		Number		Per-cent of total	Acres (1,000)		Per-cent of total	Amount (\$1,000)						Per-cent of total
United States, all tenures	1930	6,288,648	40.1	986,771	( <sup>1</sup> )	( <sup>1</sup> )	47,879,838	15,873,779	47.2	9,630,768	( <sup>1</sup> )	( <sup>1</sup> )	\$3,817	( <sup>1</sup> )
	1940	6,096,799	38.8	1,060,852	457,374	43.1	33,641,739	22,019,126	29.5	6,586,399	41.5	\$14.40	2,786	\$2,929
	1950	5,382,134	27.5	1,153,565	303,610	26.2	74,704,678	36,282,284	34.0	5,579,278	25.3	18.38	3,769	11,125
	1956	4,783,021	( <sup>1</sup> )	1,160,044	348,687	30.1	106,576,916	36,282,284	34.0	9,066,153	25.0	26.00	( <sup>1</sup> )	( <sup>1</sup> )
Full owners	1930	2,911,644	42.3	372,450	182,081	48.9	21,123,468	10,955,133	51.9	4,337,225	38.6	23.82	3,621	5,374
	1940	3,084,138	41.4	382,098	180,452	47.2	15,297,274	7,887,163	51.6	3,353,376	42.5	18.58	2,623	3,547
	1950	3,089,667	38.9	418,970	135,343	32.3	32,600,092	11,273,372	34.5	3,116,207	27.6	23.03	3,485	9,123
	1956	2,744,708	23.1	397,214	149,111	37.5	44,006,567	17,625,598	40.1	4,719,920	26.8	31.65	5,191	14,194
Part owners (owned portion only)	1930	656,750	300,033	120,748	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
	1940	615,039	54.7	144,639	93,882	64.9	3,564,202	2,358,403	66.2	1,105,064	46.9	11.78	3,287	3,724
	1950	824,921	34.1	228,304	90,079	39.5	11,440,118	4,585,278	40.1	1,178,637	25.7	13.08	4,187	12,103
	1956	868,180	42.4	261,031	117,087	44.9	18,963,494	9,086,969	47.9	2,311,978	25.4	19.75	6,278	18,397
Tenants and managers and rented portion of part-owner farms	1930	2,720,254	34.2	493,573	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
	1940	2,397,622	31.2	534,115	183,040	34.3	14,780,262	5,628,213	38.1	2,127,359	37.8	11.62	( <sup>1</sup> )	( <sup>1</sup> )
	1950	1,467,646	20.8	511,291	73,188	15.3	30,574,468	6,190,476	20.2	1,284,314	20.7	16.43	( <sup>1</sup> )	( <sup>1</sup> )
	1956	1,170,133	( <sup>1</sup> )	501,708	82,489	16.4	43,006,855	9,569,717	21.9	2,034,255	21.3	24.66	( <sup>1</sup> )	( <sup>1</sup> )
The North, all tenures	1930	2,551,785	46.9	425,709	( <sup>1</sup> )	( <sup>1</sup> )	28,253,801	9,026,399	47.7	6,082,004	( <sup>1</sup> )	( <sup>1</sup> )	5,039	4,349
	1940	2,579,959	43.7	435,088	191,630	44.0	18,909,131	9,026,399	47.7	4,122,159	45.7	21.51	3,655	11,470
	1950	2,268,006	32.0	440,828	124,320	28.2	38,047,805	11,314,672	29.7	2,986,114	26.4	31.78	4,113	( <sup>1</sup> )
	1956	2,043,275	( <sup>1</sup> )	435,555	141,427	32.5	52,086,197	17,424,254	33.5	4,494,433	25.8	24.02	( <sup>1</sup> )	( <sup>1</sup> )
The South, all tenures	1930	3,223,816	33.1	343,086	( <sup>1</sup> )	( <sup>1</sup> )	12,343,593	( <sup>1</sup> )	( <sup>1</sup> )	2,061,408	( <sup>1</sup> )	( <sup>1</sup> )	1,931	( <sup>1</sup> )
	1940	3,007,170	33.4	370,108	163,471	44.2	9,716,128	4,220,891	43.4	1,502,187	35.6	9.19	1,497	2,710
	1950	2,652,395	22.1	393,214	102,683	26.1	22,608,745	6,122,049	27.1	1,470,261	24.3	14.32	2,508	7,937
	1956	2,317,296	( <sup>1</sup> )	387,002	111,886	28.9	32,698,649	10,573,887	32.3	2,565,616	24.3	22.93	( <sup>1</sup> )	( <sup>1</sup> )
The West, all tenures	1930	503,047	50.4	217,975	( <sup>1</sup> )	( <sup>1</sup> )	7,282,444	( <sup>1</sup> )	( <sup>1</sup> )	1,487,296	( <sup>1</sup> )	( <sup>1</sup> )	5,872	( <sup>1</sup> )
	1940	509,670	45.7	255,596	102,273	40.0	5,016,480	2,626,489	52.4	1,962,053	36.6	9.41	4,133	7,161
	1950	461,673	36.4	324,523	76,607	23.6	14,048,127	4,612,405	32.8	1,122,903	24.3	14.66	6,676	20,747
	1956	422,450	( <sup>1</sup> )	337,487	95,374	28.3	21,792,070	8,234,143	38.0	2,006,104	24.2	21.03	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Agricultural Research Service; cooperative report, U. S. Census of Agriculture: 1954, Vol. III, part 5.

# No. 808.—MORTGAGED FARMS OPERATED BY OWNERS—NUMBER, AMOUNT OF INDEBTEDNESS, ACREAGE, AND VALUE, BY STATES: 1950 AND 1956

[Comprises full-owner farms and the owned portion of part-owner farms]

STATE	MORTGAGED FARMS OPERATED BY OWNERS				LAND IN MORTGAGED FARMS (acres)		VALUE OF MORTGAGED FARMS (LAND AND BUILDINGS) (\$1,000)		AMOUNT OF FARM MORTGAGE DEBT (\$1,000)		RATIO OF DEBT TO VALUE (per cent)	
	Number		Percent of all owner-operated farms									
			1950	1956	1950	1956	1950	1956	1950	1956	1950	1956
U. S.	1, 175, 571	1, 277, 508	30.0	35.4	225,422,000	266,197,348	15,858,650	26, 712, 567	4, 294, 934	7, 031, 898	27.1	26.3
North	626, 466	635, 765	35.2	39.3	94, 330, 700	106,701,504	8, 049, 799	12, 483, 384	2, 326, 943	3, 447, 465	28.9	27.6
South	396, 929	472, 654	22.9	29.1	68, 504, 200	81, 952, 620	4, 184, 824	7, 046, 884	1, 052, 236	1, 921, 676	25.1	25.1
West	152, 762	169, 089	38.3	46.1	62, 587, 100	77, 543, 224	3, 624, 027	6, 582, 299	915, 755	1, 662, 757	25.3	25.3
N. E.	39, 862	34, 662	40.4	44.0	4, 510, 100	4, 428, 000	467, 797	598, 499	134, 498	178, 272	28.8	29.8
Maine	8, 598	7, 703	29.2	33.8	1, 192, 500	1, 202, 898	68, 163	87, 394	19, 611	27, 657	28.3	31.6
N. H.	5, 263	4, 422	40.9	43.7	7, 004, 400	565, 656	47, 730	60, 957	14, 869	20, 372	31.1	23.3
Vt.	8, 522	8, 169	56.2	53.9	1, 548, 700	1, 703, 112	86, 745	115, 482	30, 433	39, 343	35.1	34.1
Mass.	10, 094	7, 830	47.6	47.7	674, 800	526, 771	135, 059	160, 287	37, 522	45, 016	27.8	28.1
R. I.	967	884	40.4	48.1	59, 800	46, 605	16, 126	25, 598	3, 930	6, 093	24.4	23.8
Conn.	6, 418	5, 554	43.7	45.6	429, 800	382, 898	113, 974	148, 781	28, 133	39, 791	24.7	26.7
M. A.	94, 574	88, 930	34.8	37.4	9, 710, 400	9, 904, 809	1, 093, 248	1, 586, 274	336, 570	456, 666	30.8	28.8
N. Y.	45, 160	41, 348	38.8	41.3	5, 468, 100	5, 696, 961	509, 024	714, 293	155, 682	210, 426	30.6	29.5
N. J.	9, 279	9, 554	41.0	45.5	530, 700	522, 246	186, 112	302, 436	50, 343	76, 836	27.0	25.4
Pa.	40, 135	38, 028	30.3	32.5	3, 711, 600	3, 685, 602	398, 112	569, 545	130, 545	169, 404	32.8	29.7
E. N. C.	241, 256	238, 572	34.1	37.0	24, 127, 400	25, 097, 162	2, 888, 129	4, 457, 480	868, 293	1, 232, 808	30.1	27.7
Ohio	51, 666	51, 355	31.7	34.9	4, 207, 500	4, 322, 601	597, 132	978, 895	181, 570	264, 302	30.4	27.0
Ind.	48, 686	48, 377	36.3	38.7	4, 318, 800	4, 365, 601	557, 284	924, 418	146, 234	222, 706	26.1	24.1
Ill.	33, 887	33, 769	26.7	29.6	3, 737, 100	4, 033, 692	605, 515	955, 990	158, 281	228, 710	26.1	23.7
Mich.	46, 974	46, 349	33.3	36.2	4, 391, 900	4, 644, 825	452, 184	735, 574	141, 665	202, 946	31.3	27.6
Wis.	60, 043	58, 722	42.4	44.9	7, 472, 100	7, 730, 353	676, 014	862, 603	240, 543	314, 144	35.6	36.8
W. N. C.	250, 774	273, 601	35.7	41.6	55, 982, 800	67, 271, 533	3, 600, 625	5, 841, 131	987, 582	1, 579, 719	27.4	27.0
Minn.	55, 553	60, 680	39.3	45.6	9, 043, 700	10, 490, 497	726, 721	1, 188, 529	223, 173	358, 783	30.7	30.2
Iowa	49, 458	55, 426	39.5	46.7	6, 831, 500	7, 972, 302	1, 010, 809	1, 595, 034	284, 813	439, 452	28.2	27.6
Mo.	60, 590	61, 126	33.1	36.8	7, 721, 300	8, 441, 195	488, 554	749, 282	134, 974	220, 394	27.6	29.4
N. Dak.	16, 637	19, 172	32.6	39.2	7, 726, 400	9, 373, 300	227, 262	366, 927	54, 314	90, 480	23.9	24.7
S. Dak.	16, 586	19, 547	36.0	44.4	8, 708, 100	10, 773, 277	261, 948	428, 142	68, 241	107, 952	26.1	25.2
Nebr.	22, 804	24, 777	35.0	40.3	9, 090, 600	10, 971, 781	439, 943	754, 986	112, 167	181, 207	25.5	24.0
Kans.	20, 146	32, 873	31.7	38.1	6, 861, 200	9, 249, 181	445, 388	758, 231	108, 900	181, 451	24.7	23.9
S. A.	139, 187	170, 837	21.5	27.8	17, 130, 000	21, 802, 953	1, 290, 244	2, 703, 152	343, 232	673, 554	26.6	24.9
Del.	1, 878	1, 733	30.7	32.3	190, 800	205, 166	23, 505	38, 731	8, 390	11, 353	35.7	29.3
Md.	9, 855	9, 991	39.9	37.2	1, 015, 300	1, 110, 753	138, 437	247, 999	43, 582	65, 703	31.5	26.5
Va.	20, 952	25, 904	16.8	22.9	2, 428, 800	2, 967, 210	238, 870	429, 761	64, 320	118, 556	26.9	27.6
W. Va.	11, 638	10, 416	16.0	16.7	1, 258, 500	1, 212, 268	81, 140	95, 049	22, 082	27, 289	27.2	23.8
N. C.	33, 858	47, 731	19.1	28.0	2, 472, 800	3, 608, 173	248, 522	554, 075	65, 407	131, 202	25.5	23.7
S. C.	17, 407	20, 456	23.0	27.3	1, 877, 400	2, 065, 023	137, 316	202, 322	33, 699	57, 071	24.5	23.2
Ga.	31, 667	37, 649	28.1	35.1	4, 795, 300	6, 555, 168	222, 502	493, 868	63, 379	125, 064	28.5	25.5
Fla.	11, 932	16, 897	24.4	32.3	3, 091, 100	4, 079, 192	199, 952	641, 347	44, 373	136, 716	22.2	21.3
E. S. C.	125, 004	148, 427	21.7	27.8	13, 083, 300	16, 773, 950	927, 786	1, 558, 206	262, 505	477, 652	28.3	30.7
Ky.	32, 370	37, 785	19.2	24.4	3, 131, 000	3, 949, 555	298, 593	379, 802	83, 830	118, 102	28.1	31.1
Tenn.	32, 819	38, 772	19.8	25.5	2, 762, 500	3, 187, 758	228, 199	387, 860	63, 458	119, 653	27.8	30.8
Ala.	31, 995	37, 419	25.9	32.3	3, 650, 100	4, 432, 803	191, 323	345, 866	55, 297	103, 431	28.9	29.9
Miss.	28, 320	35, 451	23.5	30.6	3, 539, 700	5, 203, 834	209, 671	444, 978	59, 920	130, 466	28.6	30.7
W. S. C.	132, 738	152, 390	25.9	32.1	38, 290, 900	43, 375, 717	1, 966, 794	3, 385, 526	446, 499	770, 170	22.7	22.7
Ark.	23, 714	27, 987	20.9	29.0	3, 018, 300	4, 155, 546	186, 010	314, 048	48, 880	89, 940	26.3	28.6
La.	24, 878	20, 937	19.9	23.4	1, 478, 100	2, 068, 022	134, 717	310, 295	33, 139	77, 624	24.6	25.0
Okl.	31, 340	33, 186	32.3	37.0	6, 740, 300	8, 028, 879	341, 119	600, 570	87, 518	156, 568	25.7	26.1
Tex.	63, 306	70, 460	27.7	32.7	27, 054, 200	29, 123, 270	1, 304, 948	2, 160, 613	276, 962	446, 038	21.2	20.6
Mt.	61, 361	68, 513	37.9	45.3	46, 256, 200	57, 816, 698	1, 400, 371	2, 582, 288	352, 580	660, 159	25.2	25.6
Mont.	9, 651	11, 200	32.5	40.1	11, 483, 200	15, 424, 311	219, 724	438, 373	53, 371	108, 267	24.3	24.7
Idaho	13, 892	16, 766	42.3	52.5	3, 567, 900	5, 112, 463	262, 389	549, 860	67, 484	140, 085	25.7	25.5
Wyo.	4, 837	4, 960	47.2	53.2	7, 781, 700	9, 478, 834	134, 577	213, 176	31, 244	57, 557	23.2	27.0
Colo.	14, 547	14, 891	41.8	47.4	8, 959, 100	10, 820, 472	306, 942	526, 493	80, 390	144, 204	26.0	24.9
N. Mex.	5, 971	6, 346	29.5	34.4	8, 518, 900	7, 762, 238	169, 718	281, 257	40, 747	69, 616	24.0	24.0
Ariz.	3, 335	3, 734	37.8	46.8	2, 130, 100	3, 675, 250	112, 172	248, 408	29, 515	55, 856	26.3	32.4
Utah	8, 217	9, 395	37.0	43.5	2, 393, 500	3, 246, 073	158, 516	238, 051	39, 099	62, 754	24.7	26.8
Nev.	911	1, 221	32.7	43.9	1, 421, 800	2, 297, 057	36, 333	80, 670	10, 730	21, 520	29.5	24.8
Pac.	90, 815	100, 576	38.6	46.6	16, 330, 900	19, 726, 526	2, 223, 656	4, 000, 011	563, 175	1, 002, 598	25.3	25.1
Wash.	22, 361	26, 673	35.6	45.4	3, 354, 100	4, 050, 479	369, 029	639, 594	101, 215	180, 108	27.4	28.2
Oreg.	20, 628	22, 882	38.0	45.9	5, 748, 700	7, 123, 847	365, 865	629, 476	100, 120	178, 864	27.4	28.4
Calif.	47, 826	51, 021	40.4	47.6	7, 228, 100	8, 552, 200	1, 488, 762	2, 730, 941	361, 840	643, 626	24.3	23.6

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Research Service; cooperative report, *U. S. Census of Agriculture: 1954*, Vol. III, part 5.

## No. 809.—BALANCE SHEET OF AGRICULTURE: 1940 to 1958

(In billions of dollars. As of January 1)

ITEM	1940	1945	1950	1953	1954	1955	1956	1957	1958 (prel.)
<b>Assets</b> .....	53.0	93.1	130.7	162.9	159.6	164.6	168.2	177.1	188.3
Physical assets:									
Real estate.....	33.6	53.9	75.3	96.6	94.7	98.8	102.7	109.5	118.0
Non-real-estate:									
Livestock.....	5.1	9.0	12.9	14.8	11.7	11.2	10.7	11.2	51.5
Machinery and motor vehicles.....	3.1	6.3	11.2	15.4	15.9	16.0	16.5	17.3	
Crops stored on and off farms <sup>1</sup> .....	2.7	6.7	7.6	9.0	9.2	9.6	8.3	8.4	
Household furnishings and equipment <sup>2</sup> .....	4.3	4.7	7.7	10.0	10.6	11.1	11.6	12.0	
Financial assets:									
Deposits and currency.....	3.2	7.9	9.1	9.4	9.4	9.4	9.5	9.5	18.8
United States savings bonds.....	.2	3.4	4.8	5.0	5.2	5.4	5.6	5.7	
Investment in cooperatives.....	.8	1.2	2.1	2.7	2.9	3.1	3.3	3.5	
<b>Claims</b> .....	53.0	93.1	130.7	162.9	159.6	164.6	168.2	177.1	188.3
Liabilities, total.....	10.0	8.3	12.5	16.1	17.2	17.8	18.9	19.5	19.9
Real estate debt.....	6.6	4.9	5.6	7.3	7.8	8.3	9.1	9.9	10.6
Non-real-estate debt to—									
Commodity Credit Corpora-									
tion <sup>3</sup> .....	.4	.7	1.7	1.2	2.4	2.2	1.9	1.6	9.3
Other reporting institutions <sup>4</sup> .....	1.5	1.6	2.8	4.2	3.8	4.0	4.4	4.5	
Nonreporting creditors <sup>5</sup> .....	1.5	1.1	2.4	3.4	3.2	3.3	3.5	3.5	
Proprietors' equities.....	43.0	84.8	118.2	146.8	142.4	146.8	149.3	157.6	168.4

<sup>1</sup> Includes all crops held on farms for whatever purpose and crops held off farms as security for Commodity Credit Corporation loans. The latter on Jan. 1, 1957, totaled \$1,058 million.

<sup>2</sup> Estimated valuation for 1940, plus purchases minus depreciation since then.

<sup>3</sup> Includes loans held and loans guaranteed. Although these are nonrecourse loans, they are included as liabilities because borrowers must either repay in cash or deliver the commodities on which they were based. The values of the underlying commodities are included among the assets; hence, the loans must be included as liabilities to avoid overstating the amount of proprietors' equities.

<sup>4</sup> 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.

<sup>5</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: Department of Agriculture, Agricultural Research Service; *The Balance Sheet of Agriculture*.

## No. 810.—OFF-FARM INCOME OF FARM OPERATOR FAMILIES, BY SOURCE: 1955

SOURCE OF INCOME	Income (\$1,000)	SOURCE OF INCOME	Income (\$1,000)
<b>Total off-farm income</b> .....	8,006,472	Received by farm operator—Continued	
Farm sources <sup>1</sup> .....	1,066,728	Interest, dividends, trust funds, or royalties.....	450,052
Nonfarm sources.....	6,939,744	Veteran's pensions and compensation, veteran's school allotment, service-man's family allotment.....	189,832
Received by farm operator.....	6,383,624	Retirement pay, unemployment compensation, old-age pension, annuities, alimony, regular contributions or welfare received.....	325,559
Off-farm business or self-employment.....	1,267,414	Any other personal income.....	45,480
Farm custom work.....	205,521	Received by wife.....	828,916
Farm trucking and hauling.....	65,486	Farm sources <sup>1</sup> .....	22,401
Nonfarm business.....	996,408	Nonfarm sources.....	806,514
Working for others for wages or salary.....	3,423,210	Received by other family members.....	793,932
Farm work.....	229,593	Farm sources <sup>1</sup> .....	87,848
Nonfarm work.....	3,193,617	Nonfarm sources.....	706,084
Rental of farm real estate.....	455,880		
Rental of nonfarm real estate.....	173,014		
Roomers and boarders.....	53,183		

<sup>1</sup> Excludes income received from farm on which family was living.

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service; cooperative report, *Farmers Expenditures* (U. S. Census of Agriculture: 1964, Vol. III, part 11).



## No. 811.—FARM INCOME, PRICES RECEIVED AND PAID BY FARMERS: 1940 TO 1957

[Farm income in millions of dollars. See also *Historical Statistics, 1789-1945*, series E 88-104]

ITEM	1940	1945	1950	1954	1955	1956	1957 (prel.)
<b>FARM INCOME</b>							
Realized gross income.....	11,038	25,772	32,105	33,717	33,212	34,869	34,424
Cash receipts, total.....	9,105	22,405	28,688	30,201	29,771	30,925	31,035
Crops.....	3,469	9,655	12,360	13,560	13,663	14,122	12,835
Livestock and livestock products.....	4,913	12,008	16,045	16,284	15,879	16,250	17,134
Government payments.....	723	742	283	257	229	554	1,016
Value of home consumption.....	1,210	2,356	2,051	1,826	1,704	1,716	1,614
Rental value of dwellings.....	723	1,011	1,366	1,690	1,737	1,727	1,775
Total expenses of agricultural production.....	6,749	12,922	19,248	21,527	21,631	22,299	22,892
Current farm operating expense (excluding hired labor).....	3,732	7,441	11,419	12,511	12,479	12,871	13,173
Depreciation and other consumption of farm capital.....	796	1,340	2,743	3,645	3,752	3,821	3,998
Taxes on farms.....	451	557	919	1,122	1,187	1,208	1,265
Interest on farm mortgage debt.....	293	221	264	376	410	429	408
Wages paid hired farm labor.....	1,029	2,299	2,750	2,714	2,736	2,790	2,867
Net rent to nonfarm landlords.....	448	1,064	1,153	1,159	1,067	1,180	1,121
Realized net income of farm operators from farming.....	4,289	12,850	12,857	12,190	11,581	12,070	11,532
Adjustment for inventory changes.....	+281	-439	+359	+494	+271	-470	+539
Total net income of farm operators from farming.....	4,570	12,411	13,716	12,684	11,852	11,600	12,121
Farm wages to laborers living on farms.....	729	1,610	1,743	1,754	1,733	1,774	1,823
Net income to persons on farms from farming.....	5,290	14,021	15,459	14,438	13,590	13,374	13,944
<b>INDEX NUMBERS OF PRICES RECEIVED AND PAID (1910-14=100)</b>							
Prices received by farmers:							
All farm products.....	100	207	253	249	236	235	242
Crops.....	90	202	233	242	236	240	234
Livestock and products.....	109	211	280	255	236	230	249
Retail prices paid by farmers:							
Living and production.....	122	179	246	263	262	264	273
Living.....	121	182	248	274	273	278	287
Production.....	123	176	246	262	249	249	258
Payable per acre:							
Interest payable.....	102	75	89	126	138	152	164
Taxes payable.....	189	192	320	381	394	421	442
Prices paid, including interest, taxes, and wage rates.....	124	190	256	281	281	285	296
<b>PARITY RATIO</b>							
Ratio of prices received to prices paid, including interest, taxes, and wage rates.....	81	109	101	89	84	82	82

Source: Department of Agriculture, Agricultural Marketing Service; *The Farm Income Situation* and annual report, *Agricultural Statistics*.

## No. 812.—PRICES RECEIVED BY FARMERS—INDEXES, BY MAJOR GROUPS OF PRODUCTS: 1940 TO 1957

[1910-14=100. Indexes cover 45 major farm products. See also *Historical Statistics, 1789-1945*, series E 95-97]

PERIOD	All groups	CROPS							LIVESTOCK AND PRODUCTS		
		Food grains	Feed grains and hay	Tobacco	Cotton	Fruits	Commercial vegetables	Oil-bearing crops	Meat animals	Dairy products	Poultry and eggs
1940-1944.....	155	123	123	241	138	148	189	170	166	169	148
1945-1949.....	251	222	212	378	242	203	241	289	291	255	217
1950.....	258	224	193	402	282	194	211	276	340	249	186
1951.....	302	243	226	436	336	181	269	339	409	285	228
1952.....	288	244	234	432	310	191	274	296	353	302	206
1953.....	258	231	208	429	268	209	239	274	296	274	221
1954.....	249	232	206	439	274	214	222	279	292	252	176
1955.....	236	229	187	437	272	210	235	250	249	253	188
1956.....	235	224	185	453	268	219	247	250	238	259	177
1957.....	242	225	170	465	264	214	256	253	278	263	162

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Crops and Markets*.

# NO. 813.—FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS AND GOVERNMENT PAYMENTS, BY STATES: 1956 AND 1957

[In millions of dollars]

STATE	1956				1957			
	Farm marketings			Government pay- ments	Farm marketings			Government pay- ments
	Total	Crops	Livestock and products		Total	Crops	Livestock and products	
United States.....	30,372.5	14,122.2	16,250.3	553.6	30,019.0	12,885.0	17,134.0	1,015.8
New England.....	713.2	214.2	499.0	6.2	717.6	209.1	508.5	7.7
Maine.....	179.9	76.5	103.3	1.0	179.9	69.0	110.9	1.0
New Hampshire.....	65.9	11.4	54.5	.6	67.4	11.9	55.5	.6
Vermont.....	109.8	10.6	99.2	1.2	112.6	10.6	102.1	1.2
Massachusetts.....	170.0	54.9	115.1	1.4	173.6	56.9	116.7	1.8
Rhode Island.....	21.5	6.4	15.1	.1	21.2	6.1	15.0	.1
Connecticut.....	166.1	54.4	111.8	1.9	162.8	54.6	108.2	2.2
Middle Atlantic.....	1,891.6	540.9	1,350.7	13.0	1,897.3	540.9	1,356.3	23.9
New York.....	818.0	228.4	589.6	5.8	821.9	230.3	591.6	10.8
New Jersey.....	333.6	131.5	202.1	1.1	325.7	128.3	197.5	2.2
Pennsylvania.....	740.0	181.0	559.0	6.1	740.7	182.4	557.3	10.8
East North Central.....	5,706.5	2,137.9	3,568.7	79.2	5,709.1	1,989.7	3,719.4	122.1
Ohio.....	1,019.7	395.4	624.3	16.0	1,090.5	353.3	737.2	30.7
Indiana.....	1,040.2	402.1	638.1	16.0	1,046.5	374.8	671.6	26.1
Illinois.....	1,939.6	907.1	1,032.6	30.0	1,929.6	832.9	1,096.7	30.3
Michigan.....	689.7	301.2	388.5	9.2	693.7	298.9	394.8	20.4
Wisconsin.....	1,017.3	132.1	885.2	8.0	1,048.8	129.8	919.0	14.7
West North Central.....	7,136.6	2,346.8	4,789.8	206.3	7,316.8	2,182.0	5,134.9	328.3
Minnesota.....	1,279.5	426.2	853.3	19.0	1,273.3	386.6	886.8	27.7
Iowa.....	2,045.7	425.9	1,619.9	65.6	2,112.1	376.1	1,736.0	49.9
Missouri.....	1,030.3	376.1	654.2	21.0	982.7	287.8	694.9	37.3
North Dakota.....	560.0	309.9	250.1	18.7	554.7	374.3	180.4	35.2
South Dakota.....	489.2	125.5	363.6	22.4	549.7	154.2	395.5	28.9
Nebraska.....	887.6	248.7	638.9	42.7	984.6	282.9	701.7	54.8
Kansas.....	838.3	350.5	487.8	16.9	850.6	320.0	530.6	94.6
South Atlantic.....	3,648.3	2,287.6	1,360.7	37.7	3,349.0	1,926.3	1,422.9	98.6
Delaware.....	112.0	35.0	77.0	.6	110.3	31.0	79.3	1.4
Maryland.....	243.5	82.5	160.0	2.6	242.6	77.1	165.4	4.0
Virginia.....	466.3	227.8	238.4	5.7	439.1	197.4	241.7	9.0
West Virginia.....	110.2	23.3	87.0	2.2	108.2	22.7	85.5	2.6
North Carolina.....	998.9	755.2	243.8	10.5	850.9	597.9	253.0	26.4
South Carolina.....	361.3	275.5	85.8	3.6	320.9	230.2	90.6	17.8
Georgia.....	684.2	366.4	317.8	8.4	641.1	294.0	347.1	30.7
Florida.....	671.8	320.9	350.9	3.7	636.1	475.9	160.3	6.7
East South Central.....	2,091.4	1,249.5	841.8	39.3	1,858.4	960.4	898.0	84.0
Kentucky.....	555.2	302.1	253.1	16.6	558.1	290.8	267.3	19.1
Tennessee.....	453.8	280.6	173.2	7.8	444.4	214.3	230.1	15.7
Alabama.....	461.3	261.0	200.4	5.8	405.2	185.0	220.2	23.4
Mississippi.....	501.1	425.8	75.2	9.1	450.8	270.3	180.4	25.8
West South Central.....	3,359.2	1,946.4	1,412.8	88.0	3,266.8	1,739.8	1,527.0	189.3
Arkansas.....	645.0	461.3	183.7	7.1	540.1	345.1	194.9	20.3
Louisiana.....	370.2	258.0	117.1	13.1	327.4	204.7	122.6	21.6
Oklahoma.....	468.3	204.1	264.2	12.9	484.5	168.3	316.2	34.7
Texas.....	1,845.7	1,027.9	817.8	54.9	1,914.9	1,021.7	893.2	112.7
Mountain.....	2,064.4	991.2	1,073.0	57.4	2,142.1	981.5	1,160.6	109.5
Montana.....	306.3	207.8	98.5	9.3	418.0	207.1	211.0	18.2
Idaho.....	367.5	212.3	155.2	9.8	360.6	195.8	164.8	14.1
Wyoming.....	120.4	28.1	92.2	7.2	129.9	29.9	100.0	8.2
Colorado.....	422.3	142.2	280.1	17.0	475.9	173.1	302.8	36.1
New Mexico.....	202.4	92.3	110.1	5.7	197.3	75.8	121.5	15.0
Arizona.....	372.4	264.0	108.4	2.5	369.6	252.9	116.7	8.7
Utah.....	146.4	35.8	110.5	4.8	151.0	40.8	110.3	8.8
Nevada.....	36.7	5.7	31.0	1.1	39.8	6.1	33.6	1.1
Pacific.....	3,761.5	2,407.8	1,353.7	26.9	3,761.9	2,355.4	1,406.5	52.4
Washington.....	533.0	341.0	192.3	4.6	578.0	373.4	204.7	11.2
Oregon.....	407.0	236.4	171.5	4.9	409.6	229.4	180.3	9.6
California.....	2,819.7	1,829.8	989.9	17.4	2,774.2	1,752.6	1,021.6	31.6

Source: Department of Agriculture, Agricultural Marketing Service; *The Farm Income Situation*.

# No. 814.—FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS OF CROPS AND LIVESTOCK AND PRODUCTS: 1940 TO 1957

[In millions of dollars]

ITEM	1940	1945	1950	1953	1954	1955	1956	1957 (prel.)
<b>Farm marketings, total</b> .....	<b>8,382</b>	<b>21,663</b>	<b>28,405</b>	<b>31,183</b>	<b>29,944</b>	<b>29,542</b>	<b>30,372</b>	<b>30,019</b>
<b>All crops</b> .....	<b>3,469</b>	<b>9,655</b>	<b>12,360</b>	<b>14,035</b>	<b>13,660</b>	<b>13,663</b>	<b>14,122</b>	<b>12,885</b>
Cotton (lint and seed).....	638	1,208	2,434	3,178	2,703	2,567	2,517	1,852
Tobacco.....	242	898	1,061	1,094	1,161	1,225	1,163	974
Food grains.....	479	1,563	1,940	2,423	2,328	1,990	2,039	1,955
Oilbearing crops.....	126	615	934	958	926	1,139	1,224	1,155
Feed crops.....	600	1,509	2,104	2,205	2,566	2,536	2,561	2,572
Vegetables.....	588	1,702	1,501	1,748	1,537	1,671	1,852	1,689
Fruits and tree nuts.....	417	1,407	1,209	1,240	1,235	1,281	1,388	1,319
Sugar crops.....	79	151	205	207	211	200	215	273
Other crops <sup>1</sup> .....	300	602	972	982	993	1,054	1,163	1,096
<b>All livestock and products</b> .....	<b>4,913</b>	<b>12,008</b>	<b>16,045</b>	<b>17,148</b>	<b>16,284</b>	<b>15,879</b>	<b>16,250</b>	<b>17,134</b>
Hogs.....	836	2,293	3,184	3,598	3,455	2,709	2,609	2,945
Cattle and calves.....	1,375	3,318	5,678	4,878	5,088	5,174	5,307	5,906
Sheep and lambs.....	180	319	386	317	325	316	330	321
Wool.....	106	126	129	129	129	89	114	134
Dairy products.....	1,521	3,021	3,719	4,380	4,126	4,222	4,478	4,622
Poultry and eggs.....	828	2,817	2,814	3,702	3,013	3,197	3,219	3,010
Other <sup>2</sup> .....	67	144	135	144	148	172	193	196

<sup>1</sup> Greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

<sup>2</sup> Horses, mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source: Department of Agriculture, Agricultural Marketing Service; *The Farm Income Situation*.

# No. 815.—FARM TAXES AND INSURANCE: 1940 TO 1956

[See also *Historical Statistics, 1789-1945*, series E 76-87]

ITEM	1940	1945	1950	1953	1954	1955	1956 (prel.)
Taxes levied on farm real estate, total.....mil. dol.	401	465	741	839	870	928	977
Amount per acre.....dol.	0.39	0.44	0.69	0.79	0.82	0.87	0.91
Amount per \$100 of value.....do.	1.13	0.77	0.86	0.89	0.89	0.92	0.90
Taxes levied on farm personal property.....do.	50	92	178	223	216	220	226
State automotive taxes paid by farmers:							
Motor vehicle licenses and permits.....mil. dol.	68	103	120	144	140	157	162
Motor fuel taxes <sup>1</sup> .....do.	79	90	139	168	177	186	192
<b>FARMERS' MUTUAL FIRE INSURANCE<sup>2</sup></b>							
Number of companies <sup>3</sup> .....	1,898	1,841	1,777	1,694	1,743	1,629	-----
Insurance in force at end of year.....mil. dol.	12,294	15,170	24,161	26,898	28,295	28,123	29,297
Cost per \$100 of insurance, total.....cents.	25.2	23.6	23.0	21.6	24.2	23.3	23.5
Losses.....do.	17.1	15.6	14.6	14.3	16.7	16.0	16.1
Expenses.....do.	8.1	8.0	8.4	7.3	7.5	7.3	7.4
Surplus and reserves, end of year <sup>4</sup> .....\$1,000..	45,474	70,644	122,384	152,608	167,264	197,500	-----

<sup>1</sup> Beginning 1945 includes taxes on gasoline used in farm tractors.

<sup>2</sup> Includes companies with more than 50 percent of their insurance on farm property. About 88 percent of their total insurance is on farm property.

<sup>3</sup> Number of companies for which data were obtained; perhaps not entirely complete for any year.

<sup>4</sup> Excess of assets over liabilities. Most of farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves.

Source: Department of Agriculture, Agricultural Research Service; *Agricultural Finance Review*.

## No. 816.—PRICES RECEIVED AND PARITY PRICES FOR SELECTED FARM PRODUCTS: 1958

COMMODITY	Unit	Adjusted base price <sup>1</sup>	Average price, March 15, 1958	Effective parity price based on data for March 1958 <sup>2</sup>	Average price as percentage of parity price, March 1958
<b>Basic commodities:</b>					
Cotton, American upland.....	Ct. per lb.....	12.61	26.05	38.33	68
Wheat.....	Dol. per bu.....	\$ 884	1.86	\$ 2.41	81
Rice.....	Dol. per cwt.....	1.95	5.04	5.93	85
Corn.....	Dol. per bu.....	\$ 642	1.00	\$ 1.76	57
Peanuts.....	Ct. per lb.....	\$ 4.8	10.1	\$ 13.0	78
<b>Designated nonbasic commodities:</b>					
Butterfat, in cream.....	do.....	24.8	59.4	75.4	79
All milk, wholesale.....	Dol. per cwt.....	1.65	\$ 4.18	5.02	\$ 85
Wool.....	Ct. per lb.....	7 23.1	\$ 40.7	70.2	58
<b>Other nonbasic commodities:</b>					
Barley.....	Dol. per bu.....	.443	.851	1.35	63
Beans, dry edible.....	Dol. per cwt.....	3.02	7.64	9.18	83
Cottonseed.....	Dol. per ton.....	7 22.80	51.20	69.30	74
Flaxseed.....	Dol. per bu.....	1.42	2.73	4.32	63
Oats.....	do.....	.289	.621	.879	71
Rye.....	do.....	.523	.966	1.59	61
Sorghum grain.....	Dol. per cwt.....	.870	1.69	2.64	64
Soybeans.....	Dol. per bu.....	.992	2.10	3.02	70
Potatoes.....	Dol. per cwt.....	7 802	\$ 3.25	2.44	133
Sweetpotatoes.....	do.....	1.80	5.52	5.47	101
Grapefruit <sup>10</sup> .....	Dol. per box.....	11 1.25	1.21	\$ 1.30	93
Lemons <sup>10</sup> .....	do.....	7 901	1.80	2.74	66
Limes.....	do.....	7 2.05	12.40	6.23	199
Oranges <sup>10</sup> .....	do.....	11 2.29	2.08	\$ 2.38	87
Apples, primarily for fresh use.....	Dol. per bu.....	1.01	2.46	3.07	80
Beef cattle.....	Dol. per cwt.....	7.60	21.70	23.10	94
Calves.....	do.....	8.36	24.00	25.40	94
All chickens, live.....	Ct. per lb.....	9.35	20.8	28.4	73
Eggs.....	Ct. per doz.....	15.9	40.8	48.3	63
Hogs.....	Dol. per cwt.....	7.21	20.30	21.90	93
Lambs.....	do.....	8.51	21.50	25.90	83
Turkeys, live.....	Ct. per lb.....	12.3	27.1	37.4	72

<sup>1</sup> Adjusted base price 1910-14 derived from 120-month, January 1948-December 1957, average by dividing by 262 percent, the 120-month average of the Index of Prices Received by Farmers, unless otherwise noted. Adjusted base prices shown apply for 1958 only.

<sup>2</sup> These parity prices are the legally applicable parity prices for April 1958.

<sup>3</sup> 60-month average August 1908-July 1914.

<sup>4</sup> Transitional parity, basic commodities 90 percent and nonbasic commodities 55 percent of parity price computed under formula in use prior to January 1, 1950.

<sup>5</sup> Estimated average price for the month for all milk sold to plants and dealers.

<sup>6</sup> Seasonally adjusted price as percentage of parity price.

<sup>7</sup> Adjusted base price 1910-14 derived from 10-season average prices 1948-57.

<sup>8</sup> Average local market price for wool sold; does not include incentive payment to bring season average return to 62 cents per pound.

<sup>9</sup> Average for the month.

<sup>10</sup> Equivalent on-tree returns for all methods of sale.

<sup>11</sup> 10-season average 1919-28.

Source: Department of Agriculture, Agricultural Marketing Service: *Agricultural Prices*.

No. 817.—COMMODITY CREDIT CORPORATION—LOANS MADE AND OUTSTANDING, COST OF ACQUISITIONS, VALUE OF COMMODITIES OWNED, AND SALES: 1950 TO 1957  
[In millions of dollars]

YEAR	Loans made	Loans outstanding <sup>1</sup> (book value)	Cost of acquisitions <sup>2</sup>	Value of commodities owned <sup>2</sup>	SALES AND DONATIONS	
					Total <sup>2</sup>	Exports <sup>2</sup>
1950.....	2,023	923	2,464	2,624	933	624
1951.....	771	354	721	1,433	2,115	862
1952.....	949	390	383	1,073	905	475
1953.....	2,129	1,163	1,598	2,339	520	211
1954.....	3,355	2,368	2,396	3,668	1,424	663
1955.....	2,377	2,137	2,854	4,972	2,115	1,313
1956.....	3,024	2,319	2,967	5,972	2,723	1,936
1957.....	2,445	1,994	2,800	5,371	4,208	3,040

<sup>1</sup> As of June 30.

<sup>2</sup> Price support commodities only; for years ending June 30.

Source: Department of Agriculture, Commodity Stabilization Service.

# No. 818.—COMMODITY CREDIT CORPORATION—TOTAL LOANS MADE, 1933 TO 1957; AND LOANS OUTSTANDING, INVENTORIES, AND COST OF ACQUISITIONS, 1957

[The Commodity Credit Corporation (CCC), established in 1933, is the financial organization through which farm price support is carried out by loans, purchases, and other operations. CCC now carries on 6 separate activities—price support, storage facilities, supply, foreign purchase, commodity export, and International Wheat Agreement programs]

COMMODITY	1933 to 1957				1957			
	Loans made, <sup>1</sup> cumulative			Realized program gains or losses <sup>2</sup> (—)	Loans outstand- ing <sup>3</sup> (book value)	Cost of acquisi- tions <sup>4</sup>	Inventories of commodities owned <sup>5</sup>	
	Quantity		Amount				Quan- tity, total <sup>6</sup>	Cost
	Unit	Pledged						
Total		1,000	\$1,000	\$1,000	\$1,000	\$1,000	1,000	\$1,000
			24,596,897	-4,602,920	1,994,306	2,802,925		5,371,789
Barley	Bu.	440,747	434,060	-87,075	11,946	57,170	68,266	82,444
Beans, dry	Cwt.	30,434	223,796	-69,997	215	21,438	1,095	8,418
Corn	Bu.	3,682,992	4,339,364	-586,040	710,299	611,068	803,256	1,477,449
Cotton	Bale	64,786	7,478,889	-249,943	602,608	1,025,090	5,009	867,716
Eggs	Lb.			-189,699				
Feed for Government facilities	Ton					65		
Fiber flax	Lb.	2,679	1,237	-397				
Flour and related grain products	do			-60,151		2,805	92,857	7,189
Fruit, dried	do	1,955	17,537	-14,882				
Grapefruit juice	do			-1,732				
Honey	do	17,671	1,907	-809	29			
Beef and gravy	do					51		
Meat and meat products	do					12		
Milk and milk products:								
Butter	do	127,166	32,156	-422,645		94,304	91,669	54,984
Butter oil	do			-121,145			131	105
Cheese	do			-275,423		79,318	209,615	80,374
Milk, dried	do			-468,973		131,246	178,547	29,555
Milk, fluid	do			-152,052		16,356		
Whey	do	91,439	3,968	-3,584				
Naval stores:								
Rosin	do	2,058,880	85,434	-811	151		247,425	19,342
Turpentine	Gal.	49,315	19,513				547	332
Oats	Bu.	299,150	207,770	-61,230	5,917	13,948	27,398	22,550
Oilseeds and products:								
Castor beans	Lb.			-171		11	864	130
Cotton linters	do						17,519	2,089
Cottonseed	Ton	10	565					
Cottonseed meal	Lb.			-115,813				
Cottonseed oil, crude	do							
Cottonseed oil, refined	do							
Flaxseed	Bu.	65,382	217,238	-150,492	1,456	49,114	13,494	46,494
Linseed oil	Lb.		1,981					
Peanuts	Ton	2,361	432,379	-144,101	5,942	39,158	43	14,641
Soybeans	Bu.	224,992	495,080	-523	18,054	47,424	15,679	35,166
Hemp and hemp fiber	Lb.			-21,459				
Hops	do			-954				
Olive oil	Gal.	1,046	2,611	-578				
Peas, dry	Cwt.	846	2,704	-824				
Potatoes, Irish	do	156,174	165,570	-478,553				
Potatoes, sweet	do	77	150	-135				
Rice	do	54,672	277,102	-74,969	286	227,358	14,617	87,156
Rye	Bu.	41,071	39,589	-15,915	230	4,301	3,846	6,155
Seeds, miscellaneous	Lb.	152,943	62,528	-38,696		208	155	78
Sorghum, grain	Cwt.	277,424	591,435	-175,599	51	36,529	43,592	105,143
Sugar	Lb.			-16,438		32		
Tobacco	do	3,166,803	1,564,678	-272	577,508			
Tung oil	do	66,134	15,253	-1,063	4,269			
Wheat	Bu.	4,513,906	7,631,583	-489,741	27,867	346,116	833,046	2,259,855
Wool	Lb.	322,640	150,439	-109,845		<sup>7</sup> 247	31,109	20,900
Other loans			100,381	14	27,478			143,524

<sup>1</sup> Comprises loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under CCC. Obligations to purchase renewals and extensions of loans previously made are excluded.

<sup>2</sup> Price Support Program only. Net result of Supply, Foreign Purchase, Emergency Feed, and Commodity Export Programs amounted to a net gain of \$11.1 thousand.

<sup>3</sup> As of June 30.

<sup>4</sup> For year ending June 30. Cost of acquisitions of agricultural commodities for all purposes comprises purchases under price-support, supply, and foreign-purchase programs and acquisitions in settlement of price-support loans.

<sup>5</sup> For unit of quantity, see first column.

<sup>6</sup> Denotes decrease due to adjustment to recordings for prior year.

Source: Department of Agriculture, Commodity Stabilization Service; annual report, *Agricultural Statistics*, and records.

# NO. 819.—FARM-TO-RETAIL PRICE SPREADS OF FARM FOOD PRODUCTS, BY COMMODITY GROUPS: 1947 TO 1957

[In dollars, except for farmer's share of consumer's dollar. These estimates are based on prices of a market basket of farm food products containing quantities equivalent to 1952 annual average purchases per urban wage earner and clerical worker family. Quantities of foods valued do not change from year to year]

COMMODITY GROUP AND VALUE	1947- 1949, average	1950	1952	1953	1954	1955	1956	1957
<b>All farm food products:</b>								
Retail cost <sup>1</sup> .....	940	920	1,034	1,003	986	969	972	1,007
Farm value adjusted for byproducts <sup>2</sup> .....	466	432	482	445	421	395	390	400
Marketing margin <sup>3</sup> .....	474	488	552	558	565	574	582	607
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	50	47	47	44	43	41	40	40
<b>Meat products:</b>								
Retail cost <sup>1</sup> .....	256	264	290	263	261	241	233	259
Farm value adjusted for byproducts <sup>2</sup> .....	171	173	181	156	155	129	121	138
Marketing margin <sup>3</sup> .....	85	91	109	106	106	112	112	121
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	67	65	62	60	59	54	52	53
<b>Dairy products:</b>								
Retail cost <sup>1</sup> .....	169	164	191	187	182	181	185	191
Farm value adjusted for byproducts <sup>2</sup> .....	92	83	101	92	85	84	87	88
Marketing margin <sup>3</sup> .....	77	81	90	95	97	97	99	103
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	54	50	53	49	47	46	47	46
<b>Poultry and eggs:</b>								
Retail cost <sup>1</sup> .....	117	105	114	116	101	104	98	94
Farm value adjusted for byproducts <sup>2</sup> .....	81	69	76	80	63	68	61	58
Marketing margin <sup>3</sup> .....	36	36	38	37	38	36	36	36
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	69	65	66	68	63	66	63	62
<b>Bakery and other cereal products:</b>								
Retail cost <sup>1</sup> .....	122	127	141	143	147	149	151	157
Farm value adjusted for byproducts <sup>2</sup> .....	35	31	33	33	34	32	32	32
Marketing margin <sup>3</sup> .....	87	96	108	110	113	117	119	125
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	28	24	23	23	23	21	21	21
<b>Fruits and vegetables:</b>								
Retail cost <sup>1</sup> .....	185	180	215	210	210	210	220	210
Farm value adjusted for byproducts <sup>2</sup> .....	61	56	70	62	62	62	67	62
Marketing margin <sup>3</sup> .....	124	124	145	148	148	148	153	157
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	33	31	33	30	29	29	30	28
<b>Fats and oils:</b>								
Retail cost <sup>1</sup> .....	52	42	41	42	44	43	43	45
Farm value adjusted for byproducts <sup>2</sup> .....	20	15	13	15	16	13	15	14
Marketing margin <sup>3</sup> .....	32	27	28	27	28	30	29	31
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	38	35	32	36	36	31	33	32
<b>Miscellaneous:</b>								
Retail cost <sup>1</sup> .....	39	38	43	42	41	41	42	42
Farm value adjusted for byproducts <sup>2</sup> .....	6	5	8	7	6	7	7	7
Marketing margin <sup>3</sup> .....	33	33	34	35	35	34	34	35
Farmer's share of consumer's dollar <sup>4</sup> (percent)....	15	13	19	17	15	17	17	17

<sup>1</sup> Calculated from retail prices collected by the Bureau of Labor Statistics.

<sup>2</sup> Calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases.

<sup>3</sup> Equals difference between retail cost and farm value.

<sup>4</sup> Obtained by expressing the farm value as a percentage of retail cost (based on unrounded figures).

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## NO. 820.—LEVEL-OF-LIVING INDICATORS FOR FARM-OPERATOR FAMILIES: 1940 TO 1956

YEAR	LEVEL-OF-LIVING INDEX <sup>1</sup> (U. S. average in 1945=100)					PERCENTAGE OF ALL FAMILIES REPORTING						
	United States	North-east	North Central	South	West	Electricity	Tele-phones	Auto-mobiles	Run-ning water	Me- chanical re- friger- ators	Tele- vision	Home freezers
1940.....	79	115	104	49	102	33	25	58	22	15	-----	-----
1945.....	100	138	128	65	127	48	32	62	29	32	-----	-----
1950.....	122	152	147	92	145	78	38	63	43	63	3	12
1954.....	140	167	161	113	163	93	47	71	59	-----	36	32
1956 <sup>2</sup> .....	145	169	165	119	167	94	52	74	64	90	53	39

<sup>1</sup> Based on percent of farms with electricity, telephones, and automobiles and the average value of products sold or traded in the year preceding the appropriate Census of Agriculture.

<sup>2</sup> Based on Special Cooperative Survey of Farmers' Expenditures.

Source: Department of Agriculture, Agricultural Marketing Service, and Department of Commerce, Bureau of the Census.

## No. 821.—FAMILY LIVING EXPENDITURES OF FARM-OPERATOR FAMILIES: 1955

[Includes all money expenditures or obligations incurred in 1955 for family living purposes except income taxes and cash rent for on-farm rental dwellings. Total on-farm cash rental expenditures are included under production expenses (see table 822)]

TYPE OF EXPENDITURE	Total (\$1,000)	Average per family (dollars)	Percent distribution
Number of farm-operator families.....	4,760		
Family living expenditures, total.....	15,749,105	3,308.60	100.0
Food.....	3,963,519	832.66	25.2
Food and nonalcoholic beverages at home.....	3,405,006	715.33	21.7
Food away from home.....	558,513	117.33	3.5
Housing.....	4,133,184	868.31	26.3
Shelter.....	1,672,109	351.28	10.7
Housefurnishings and equipment.....	1,020,924	214.48	6.5
Household operations.....	1,440,151	302.55	9.1
Clothing.....	2,034,502	427.41	13.0
Women and girls, ages 16 and over.....	677,361	142.30	4.3
Girls, ages 2 to 15.....	204,128	42.88	1.3
Men and boys, ages 16 and over.....	686,891	144.30	4.4
Boys, ages 2 to 15.....	200,737	42.17	1.3
Infants and children under 2 years.....	32,917	6.92	0.2
Material and services.....	232,468	48.84	1.5
Transportation.....	1,798,157	377.76	11.4
Auto and truck purchase.....	794,672	166.95	5.0
Auto and truck upkeep and running expenses.....	922,478	193.80	5.9
Other travel and transportation.....	81,007	17.02	0.5
Medical care.....	1,144,008	240.34	7.3
Personal care.....	332,375	69.83	2.1
Tobacco and alcoholic beverages.....	322,600	67.77	2.0
Recreation.....	590,600	124.07	3.7
Reading and education.....	207,281	43.55	1.3
Miscellaneous.....	289,984	60.92	1.8
Personal insurance.....	409,468	86.02	2.6
Cash gifts and contributions.....	523,428	109.96	3.3

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service; cooperative report, *U. S. Census of Agriculture: 1954*, Vol. III, part 11.

## No. 822.—FARM PRODUCTION EXPENDITURES: 1955

TYPE OF EXPENDITURE	Total (\$1,000)	Average per farm (dollars)	Percent distribution
Farm production expenditures, total.....	23,814,950	5,093.30	100.0
Cash wages for hired farm labor.....	2,561,623	547.85	10.8
Machine hire and custom work.....	591,932	126.60	2.5
Livestock and poultry purchased.....	2,593,783	554.73	10.9
Feed for livestock and poultry.....	4,240,863	906.98	17.8
Seeds, plants, and trees.....	848,576	181.48	3.6
Commercial fertilizer and liming materials.....	1,363,086	291.52	5.7
Petroleum products, farm business share.....	1,767,940	378.11	7.4
Repair and other operating costs for motor vehicles and farm machinery.....	1,465,068	313.33	6.2
Marketing costs.....	1,113,555	238.16	4.7
Miscellaneous current operating expenses, not elsewhere included <sup>1</sup> .....	1,682,053	359.74	7.1
Cash rent.....	458,314	98.02	1.9
Property taxes, farm business share.....	638,041	136.46	2.7
Interest, farm business share.....	458,443	98.05	1.9
Construction and land improvement <sup>2</sup> .....	1,339,862	286.56	5.6
Purchase of motor vehicles and farm machinery and equipment.....	2,691,811	575.70	11.5

<sup>1</sup> Comprises veterinary services, medicines and disinfectants; grazing fees; livestock services; pesticides; hired trucking other than marketings; irrigation; farm business share of electricity, telephone service, and insurance; hand tools and miscellaneous supplies; miscellaneous farm business expenses.

<sup>2</sup> Comprises fencing; farm building repair and remodeling; new building construction; other improvements.

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service; cooperative report, *U. S. Census of Agriculture: 1954*, Vol. III, part 11.

## No. 823.—SPECIFIED FARM EXPENDITURES: 1939 TO 1954

[All 1949 and 1954 figures and figures for fertilizer and lime purchased for 1944 based on reports for a sample of farms]

ITEM	FARMS REPORTING		AMOUNT EXPENDED		
	Number	Percent of all farms	Total	Average per farm (based on all farms)	Average per farm reporting
All farms.....1954.....	4,783,021	100.0	\$1,000	Dollars	Dollars
Specified farm expenditures incl. expenditures for commercial fertilizer and lime.....1954.....	(1)	(1)	9,338,436	1,952	(1)
Specified farm expenditures excl. commercial fertilizer and lime.....1954.....	4,698,092	98.2	8,189,694	1,712	1,743
Machine hire and/or hired labor.....1949.....	3,548,279	66.0	3,030,084	563	854
.....1954.....	3,285,734	68.7	2,917,401	610	888
Machine hire.....1949.....	2,757,864	51.3	611,623	114	222
.....1954.....	2,545,128	53.2	638,057	133	251
Hired labor <sup>2</sup> .....1939.....	2,260,237	37.1	781,792	128	346
.....1944.....	2,799,026	47.8	1,865,026	318	666
.....1949.....	2,670,043	49.6	2,418,461	450	906
.....1954.....	2,220,688	46.4	2,279,344	477	1,026
Feed for livestock and poultry.....1939.....	3,342,715	54.8	736,117	120	219
.....1944.....	4,271,642	72.9	2,426,725	414	568
.....1949.....	3,875,704	72.0	3,023,841	562	780
.....1954.....	3,652,899	76.4	3,906,048	817	1,069
Gasoline and other petroleum fuel and oil for the farm business.....1939.....	2,886,614	47.3	323,239	53	112
.....1949.....	2,983,476	55.5	1,133,708	211	380
.....1954.....	3,267,805	68.3	1,366,244	286	418
Commercial fertilizer and fertilizing material.....1939.....	2,337,031	38.3	195,928	32	84
.....1944.....	2,580,271	44.0	374,022	64	145
.....1954.....	2,916,406	61.0	1,079,265	226	370
Lime and liming material.....1939.....	471,807	7.7	21,674	4	46
.....1944.....	811,222	13.8	69,419	12	86
.....1954.....	520,445	10.9	69,477	15	133

<sup>1</sup> Not available.

<sup>2</sup> Cash payments for farm labor, housework specifically excluded; excludes expenditures for contract construction work, machine hire, or labor included in cost of machine hire.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 824.—FARM MACHINERY AND EQUIPMENT: 1940 TO 1957

[See also *Historical Statistics, 1789-1945*, series E 105-110]

ITEM	1940	1945	1950	1953	1954	1955	1956	1957 (prel.)
Value of farm machinery and motor vehicles <sup>1</sup> .....mil. dol.	3,060	6,291	11,216	15,383	15,919	15,981	16,528	17,300
Tractors on farms, Jan. 1 <sup>2</sup> .....1,000.....	1,545	2,354	3,394	4,100	4,243	4,345	4,515	4,600
Motor trucks on farms, Jan. 1.....do.....	1,047	1,490	2,207	2,520	2,610	2,701	2,800	2,900
Automobiles on farms, Jan. 1.....do.....	4,144	4,148	4,199	4,240	4,250	4,258	4,260	4,260
Sales of farm equipment, machinery, and parts <sup>3</sup> .....mil. dol.	430	613	1,562	1,554	(4)	(4)	(4)	(4)
Farmers' expenditures:								
Motor vehicles <sup>4</sup> .....do.....	384	445	1,689	1,709	1,483	1,532	1,403	1,480
Machinery and equipment.....do.....	241	714	1,242	1,152	1,167	1,111	1,148	1,104

<sup>1</sup> Data represent inventory valuations at beginning of year. Includes family share of automobiles.

<sup>2</sup> Excludes garden tractors.

<sup>3</sup> Totals for 1940 include some miscellaneous equipment not reported in later years. Tractors for nonfarm use excluded beginning 1945. From Bureau of the Census, *Facts for Industry*, Series M35A.

<sup>4</sup> Not available.

<sup>5</sup> Excludes family share of automobiles.

Source: Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service (except as noted).



# FARM FACILITIES

639

## No. 825.—FARM FACILITIES—ELECTRICITY, TELEPHONE, MOTOR VEHICLES, AND TRACTORS, 1920 TO 1954, AND BY STATES, 1954

[In thousands. Beginning 1950, based on reports for a sample of farms]

YEAR AND STATE	ELECTRICITY		TELEPHONE		MOTOR TRUCKS ON FARMS		AUTOMOBILES ON FARMS		TRACTORS ON FARMS	
	Farms report- ing	Percent of all farms	Farms report- ing	Percent of all farms	Farms report- ing	Num- ber	Farms report- ing	Num- ber	Farms report- ing	Num- ber
1920.....	453	7.0	2,498	38.7	132	139	1,980	2,146	229	246
1930.....	841	13.4	2,139	34.0	845	900	3,650	4,135	851	920
1940.....	2,032	33.3	1,527	25.0	944	1,047	3,542	4,144	1,410	1,567
1950.....	4,214	78.3	2,058	38.2	1,840	2,207	3,390	4,199	2,525	3,609
<b>1954</b>										
<b>United States.....</b>	<b>4,449</b>	<b>93.0</b>	<b>2,332</b>	<b>48.8</b>	<b>2,213</b>	<b>2,703</b>	<b>3,392</b>	<b>4,263</b>	<b>2,877</b>	<b>4,692</b>
The North.....	1,955	95.7	1,443	70.6	1,030	1,220	1,758	2,248	1,663	2,866
The South.....	2,094	90.4	606	26.2	899	1,041	1,281	917	1,281	1,281
The West.....	399	94.5	284	67.2	284	442	353	510	297	535
<b>New England.....</b>	<b>79</b>	<b>96.8</b>	<b>66</b>	<b>80.9</b>	<b>48</b>	<b>68</b>	<b>64</b>	<b>88</b>	<b>49</b>	<b>75</b>
Maine.....	22	94.2	17	72.7	14	18	18	22	13	19
New Hampshire.....	10	97.2	8	78.8	6	8	8	10	6	9
Vermont.....	16	97.0	12	74.5	9	11	13	17	11	15
Massachusetts.....	17	98.2	16	89.5	9	14	14	20	10	16
Rhode Island.....	2	98.9	2	85.3	1	2	2	2	1	2
Connecticut.....	13	98.6	12	93.2	9	13	11	17	8	14
<b>Middle Atlantic.....</b>	<b>250</b>	<b>97.3</b>	<b>196</b>	<b>76.3</b>	<b>129</b>	<b>168</b>	<b>215</b>	<b>296</b>	<b>199</b>	<b>334</b>
New York.....	104	97.9	88	82.9	54	71	90	123	84	144
New Jersey.....	22	98.7	20	87.8	15	24	19	29	15	30
Pennsylvania.....	124	96.4	89	68.8	60	72	106	145	100	159
<b>East North Central.....</b>	<b>774</b>	<b>96.9</b>	<b>564</b>	<b>70.5</b>	<b>371</b>	<b>415</b>	<b>697</b>	<b>886</b>	<b>660</b>	<b>1,141</b>
Ohio.....	172	97.0	127	71.6	69	78	152	197	138	233
Indiana.....	148	96.6	111	72.1	70	78	131	162	120	206
Illinois.....	169	96.3	130	73.9	91	100	152	190	148	290
Michigan.....	136	97.9	93	66.9	62	71	122	157	119	187
Wisconsin.....	149	96.8	103	67.2	79	87	139	180	136	225
<b>West North Central.....</b>	<b>852</b>	<b>94.1</b>	<b>616</b>	<b>68.1</b>	<b>482</b>	<b>570</b>	<b>782</b>	<b>977</b>	<b>754</b>	<b>1,316</b>
Minnesota.....	156	94.1	113	68.3	80	90	151	193	148	255
Iowa.....	188	97.4	168	87.2	80	85	178	225	170	312
Missouri.....	189	93.5	106	52.7	88	96	142	161	129	183
North Dakota.....	56	90.3	28	45.9	50	67	56	72	58	115
South Dakota.....	57	91.0	37	59.9	39	48	57	74	57	111
Nebraska.....	95	94.7	73	72.6	60	72	93	121	90	163
Kansas.....	112	92.8	90	74.8	84	112	105	130	103	176
<b>South Atlantic.....</b>	<b>787</b>	<b>91.6</b>	<b>219</b>	<b>25.5</b>	<b>306</b>	<b>355</b>	<b>515</b>	<b>612</b>	<b>331</b>	<b>447</b>
Delaware.....	6	95.3	5	84.2	4	5	5	7	5	9
Maryland.....	30	92.8	22	68.1	17	22	26	38	23	41
Virginia.....	125	91.7	46	33.6	51	59	82	101	55	78
West Virginia.....	63	92.3	22	31.7	24	27	32	37	19	25
North Carolina.....	251	93.7	45	16.9	80	86	163	183	104	126
South Carolina.....	109	87.9	22	17.4	35	40	76	89	35	46
Georgia.....	152	92.1	36	22.1	68	77	96	111	67	88
Florida.....	80	87.0	21	36.0	26	37	35	47	23	35
<b>East South Central.....</b>	<b>697</b>	<b>88.2</b>	<b>170</b>	<b>21.5</b>	<b>258</b>	<b>284</b>	<b>370</b>	<b>423</b>	<b>251</b>	<b>325</b>
Kentucky.....	173	89.7	50	25.9	62	68	105	122	71	89
Tennessee.....	185	90.8	62	30.3	68	73	105	119	73	90
Alabama.....	155	87.7	28	15.9	59	65	76	83	54	65
Mississippi.....	183	84.9	30	13.8	69	78	84	99	53	82
<b>West South Central.....</b>	<b>611</b>	<b>91.3</b>	<b>217</b>	<b>32.5</b>	<b>335</b>	<b>402</b>	<b>395</b>	<b>469</b>	<b>334</b>	<b>518</b>
Arkansas.....	132	90.5	24	16.8	67	77	57	66	53	83
Louisiana.....	101	91.2	28	25.6	42	49	55	63	34	52
Oklahoma.....	108	90.9	53	44.7	72	86	78	90	73	106
Texas.....	269	91.9	111	38.0	154	190	205	251	174	277
<b>Mountain.....</b>	<b>164</b>	<b>91.4</b>	<b>102</b>	<b>56.7</b>	<b>134</b>	<b>208</b>	<b>144</b>	<b>201</b>	<b>134</b>	<b>248</b>
Montana.....	29	88.5	13	38.8	29	49	28	38	29	57
Idaho.....	37	95.3	26	67.4	27	39	33	43	31	53
Wyoming.....	10	89.4	6	51.6	10	15	10	14	9	19
Colorado.....	38	93.2	27	67.4	32	49	34	47	32	62
New Mexico.....	17	82.0	6	27.2	14	21	12	16	10	17
Arizona.....	17	90.7	5	56.2	7	14	7	15	5	14
Utah.....	22	95.4	17	74.2	14	18	19	23	15	21
Nevada.....	2	82.7	2	63.1	2	4	2	3	2	5
<b>Pacific.....</b>	<b>235</b>	<b>96.7</b>	<b>182</b>	<b>74.9</b>	<b>150</b>	<b>234</b>	<b>208</b>	<b>309</b>	<b>163</b>	<b>287</b>
Washington.....	63	97.3	48	73.9	39	56	56	74	46	71
Oregon.....	63	96.8	39	70.9	34	48	46	61	40	67
California.....	119	96.5	95	77.2	78	130	105	174	77	149

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

# No. 826.—FARM LABOR—FARMS REPORTING, PERSONS WORKING ON FARMS DURING WEEK PRECEDING ENUMERATION, AND WAGES PAID: 1954

[Based on reports for a sample of farms. Relates to farm operators working 1 hour or more, hired workers doing farm work, and unpaid family members working 15 hours or more during week (September 26-October 2 or October 24-30). Excludes housework and contract construction work]

STATE	FAMILY AND/OR HIRED WORKERS		FAMILY WORKERS, INCLUDING OPER- ATOR		HIRED WORKERS		CASH WAGES PAID FOR HIRED LABOR IN 1954	
	Farms report- ing	Persons work- ing	Farms report- ing	Persons work- ing	Farms report- ing	Persons work- ing	Farms report- ing	Amount (\$1,000)
<b>United States</b> .....	4,296,694	9,597,343	4,241,835	6,867,693	751,581	2,729,650	2,220,688	2,279,344
The North.....	1,905,392	3,852,365	1,888,265	3,041,029	340,507	811,336	927,555	753,692
The South.....	2,006,461	4,622,582	1,978,653	3,251,489	307,617	1,370,733	1,065,705	802,346
The West.....	384,841	1,122,396	374,917	574,815	103,457	547,581	227,368	723,305
<b>New England</b> .....	74,567	204,437	73,155	109,051	21,248	95,386	36,419	79,431
Maine.....	21,086	75,821	20,784	30,002	5,844	45,819	10,308	18,774
New Hampshire.....	9,406	17,745	9,255	12,799	1,963	4,946	3,675	5,820
Vermont.....	14,818	32,366	14,556	21,954	4,346	10,412	8,199	10,306
Massachusetts.....	15,700	43,874	15,281	23,739	5,041	20,135	7,830	24,454
Rhode Island.....	1,783	3,989	1,746	2,656	462	1,333	707	1,825
Connecticut.....	11,774	30,642	11,633	17,901	3,592	12,741	5,700	18,252
<b>Middle Atlantic</b> .....	238,002	585,047	234,389	383,724	63,041	201,323	116,263	192,698
New York.....	97,584	244,759	95,830	150,591	27,743	94,168	50,553	88,105
New Jersey.....	20,975	60,458	20,469	34,062	8,961	35,896	12,318	41,817
Pennsylvania.....	119,443	270,830	118,090	199,071	26,337	71,759	53,392	62,975
<b>East North Central</b> .....	737,639	1,412,471	731,757	1,158,624	122,952	253,847	341,885	237,812
Ohio.....	161,360	294,706	160,270	246,795	23,483	47,911	70,672	45,851
Indiana.....	140,260	244,342	139,171	207,088	20,321	37,254	62,807	37,914
Illinois.....	163,468	290,563	161,903	236,979	33,527	53,584	81,289	67,425
Michigan.....	125,830	262,601	124,789	198,855	19,169	63,746	56,118	40,744
Wisconsin.....	146,721	320,259	145,624	268,907	26,462	51,352	70,999	45,878
<b>West North Central</b> .....	855,184	1,650,410	848,964	1,389,630	133,266	260,780	432,988	243,552
Minnesota.....	157,890	330,772	157,017	280,018	25,653	50,754	76,996	41,123
Iowa.....	185,523	340,523	184,340	292,501	33,348	68,022	97,917	54,108
Missouri.....	187,151	336,577	185,925	278,156	18,767	58,421	79,693	41,719
North Dakota.....	58,576	137,595	57,839	105,050	15,255	32,545	33,701	25,300
South Dakota.....	59,215	120,699	58,691	102,398	11,140	18,301	33,245	18,708
Nebraska.....	95,555	183,824	94,920	157,831	13,789	25,993	40,426	30,878
Kansas.....	111,274	200,420	110,232	173,676	15,314	26,744	62,010	31,717
<b>South Atlantic</b> .....	730,959	1,556,949	720,168	1,198,131	110,216	358,818	423,375	312,400
Delaware.....	5,594	13,716	5,385	7,943	1,921	5,773	3,523	7,780
Maryland.....	29,262	65,968	28,559	43,746	8,683	22,222	16,540	26,155
Virginia.....	121,841	247,917	119,977	189,398	19,037	58,519	58,408	44,383
West Virginia.....	60,148	97,674	59,669	85,196	5,136	12,478	19,622	9,407
North Carolina.....	234,169	525,836	232,409	435,273	30,165	90,563	149,134	63,044
South Carolina.....	100,957	231,762	99,446	173,877	14,432	57,885	64,034	29,031
Georgia.....	133,952	265,089	131,853	201,611	19,655	63,478	82,321	48,315
Florida.....	45,036	108,987	42,870	61,087	11,187	47,900	29,793	84,225
<b>East South Central</b> .....	677,212	1,467,946	670,024	1,121,267	85,518	346,679	335,192	134,403
Kentucky.....	169,381	303,323	167,449	245,774	23,689	57,549	90,265	30,358
Tennessee.....	179,550	393,285	177,603	293,453	24,626	99,832	85,643	28,588
Alabama.....	141,432	302,375	139,865	232,949	17,577	69,426	72,630	29,539
Mississippi.....	186,849	468,963	185,017	349,091	19,626	119,872	86,754	45,918
<b>West South Central</b> .....	598,290	1,597,687	588,461	932,451	111,883	665,236	307,193	355,544
Arkansas.....	127,874	363,307	126,625	213,874	18,533	149,433	55,230	56,152
Louisiana.....	97,929	283,475	96,735	175,764	18,489	107,711	44,059	39,393
Oklahoma.....	109,377	227,366	108,123	164,798	15,106	62,568	51,912	31,602
Texas.....	263,110	723,539	256,978	378,015	59,755	345,524	155,988	228,396
<b>Mountain</b> .....	165,463	450,687	162,373	260,652	42,682	190,035	97,106	200,996
Montana.....	30,293	63,788	29,694	46,899	8,059	16,889	18,929	26,705
Idaho.....	36,365	86,781	35,928	57,808	8,028	28,973	21,908	30,442
Wyoming.....	10,706	25,276	10,469	17,219	2,688	8,057	6,208	14,845
Colorado.....	37,255	98,043	36,717	59,726	9,614	36,317	21,914	33,606
New Mexico.....	18,080	64,877	18,113	29,334	5,648	35,543	9,019	24,675
Arizona.....	8,583	59,632	8,137	11,970	3,734	47,662	5,492	61,783
Utah.....	21,040	47,212	20,802	33,476	4,037	13,736	11,555	13,005
Nevada.....	2,591	7,078	2,513	4,220	874	2,868	1,481	5,936
<b>Pacific</b> .....	219,378	671,709	212,544	314,163	60,775	357,546	130,262	522,309
Washington.....	59,946	127,675	59,234	85,629	11,054	42,046	29,631	64,073
Oregon.....	49,318	110,022	48,612	72,275	8,668	37,747	24,495	47,524
California.....	110,114	434,012	104,698	156,259	41,053	277,753	76,136	410,712

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 827.—FERTILIZER CONSUMPTION: 1900 TO 1955

[In thousands of tons of 2,000 pounds. Estimates based on tag sales, records of Government officials, etc. Beginning 1935, figures include tonnage distributed by Agricultural Adjustment Administration (now Soil Conservation Service) and by Tennessee Valley Authority, data for the latter representing fiscal years ending June 30. Data for phosphate rock used in Illinois and Florida, available only since 1939, have been excluded from annual comparisons]

YEAR	Quantity	YEAR	Quantity	YEAR	Quantity	YEAR	Quantity
1900-----	2, 200	1940-----	8, 249	1946-----	14, 892	1951-----	18, 826
1910-----	5, 463	1941-----	9, 183	1947-----	15, 039	1952-----	20, 077
1920-----	7, 177	1942-----	9, 949	1948-----	15, 980	1953-----	20, 237
1925-----	7, 334	1943-----	11, 463	1949-----	16, 449	1954-----	20, 679
1930-----	8, 222	1944-----	12, 055	1950-----	17, 984	1955-----	20, 416
1935-----	6, 276	1945-----	13, 202				

Source: 1900 to 1953, the National Fertilizer Association, Washington, D. C.; *The Fertilizer Review*. Beginning 1954, National Plant Food Institute, Washington, D. C.; *Plant Food Review*.

## No. 828.—FERTILIZERS—QUANTITIES OF COMMERCIAL FERTILIZERS CONSUMED AND AVERAGE PLANT FOOD CONTENT: 1940 TO 1956

[Includes Hawaii and Puerto Rico beginning 1940, Alaska beginning 1951. Includes fertilizers distributed by Government agencies. See also *Historical Statistics, 1789-1945*, series E 111]

YEAR	ALL FERTILIZERS				MIXED FERTILIZERS			
	Quantity	Nitro- gen	Phosphoric oxide	Potash	Quantity	Nitro- gen	Phosphoric oxide	Potash
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent
1940-----	8, 656	4.9	10.5	5.0	5, 513	3.8	9.6	6.5
1950-----	19, 758	5.7	10.5	6.2	13, 033	4.1	11.0	8.5
1961-----	21, 056	6.0	9.9	6.7	14, 127	4.2	11.1	9.1
1962-----	22, 797	6.5	9.7	7.1	15, 240	4.4	11.2	9.5
1963-----	22, 630	7.3	9.8	7.6	15, 405	4.7	11.4	10.0
1964-----	22, 921	8.2	9.8	8.1	15, 793	5.1	11.6	10.4
1965-----	22, 654	8.6	10.1	8.3	15, 272	5.3	11.9	10.9
1956 (prel.)-----	22, 621	8.6	10.2	8.5	14, 891	5.4	12.2	11.5

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 829.—FARMERS' MARKETING, FARM SUPPLY, AND SERVICE COOPERATIVES—ESTIMATED BUSINESS: 1956

[Preliminary. See headnote, table 830]

COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>	COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>
<b>Total</b> -----	<b>2 9, 876</b>	<b>12, 691, 652</b>	<b>9, 769, 067</b>	<b>Farm supply</b> -----	<b>2 7, 330</b>	<b>2, 970, 880</b>	<b>2, 044, 272</b>
<b>Marketing</b> -----	<b>2 7, 010</b>	<b>9, 508, 945</b>	<b>7, 509, 968</b>	Building materials-----	1, 467	111, 612	78, 773
Dry beans and peas-----	74	39, 216	29, 537	Containers-----	1, 120	52, 808	25, 235
Cotton and products-----	581	541, 249	507, 944	Farm machinery and equipment-----	1, 851	97, 938	68, 497
Dairy products-----	1, 931	3, 029, 439	2, 530, 205	Feed-----	4, 402	1, 017, 672	773, 955
Fruits and vegetables-----	740	1, 107, 568	721, 986	Fertilizer-----	4, 011	418, 574	261, 255
Grain, soybeans, soybean meal and oil-----	2, 675	2, 405, 617	1, 672, 018	Meats and groceries-----	973	54, 194	46, 757
Livestock and products-----	614	1, 290, 765	1, 179, 421	Petroleum products-----	2, 739	783, 810	493, 605
Nuts-----	95	128, 919	91, 238	Seed-----	3, 686	133, 415	97, 228
Poultry products-----	662	403, 220	351, 494	Sprays and dusts (farm chemicals)-----	2, 145	50, 090	35, 573
Rice-----	62	165, 305	132, 922	Other supplies-----	4, 479	250, 767	163, 394
Sugar products-----	65	125, 041	125, 041	<b>Services (trucking, cotton ginning, storage, grinding, locker plants, misc.)-----</b>	<b>2 5, 154</b>	<b>214, 827</b>	<b>214, 827</b>
Tobacco-----	34	189, 989	189, 989				
Wool and mohair-----	296	28, 986	25, 425				
Miscellaneous-----	236	50, 631	43, 748				

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. Excludes wholesale business of farm supply cooperatives with other cooperatives or terminal market sales performed for local associations.

<sup>2</sup> Because many associations are engaged in more than one type of business, these totals are less than the number that would be obtained by adding the number of associations handling individual items or performing individual services.

<sup>3</sup> Charges for services in which no duplication occurs.

Source: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

### No. 830.—FARMERS' MARKETING, FARM SUPPLY, AND SERVICE COOPERATIVES— NUMBER, MEMBERSHIPS, AND BUSINESS: 1930 TO 1956

[For years ending June 30, with limited exceptions. 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]

YEAR	COOPERATIVES LISTED			ESTIMATED MEMBER-SHIPS (1,000) <sup>1</sup>			ESTIMATED BUSINESS (\$1,000) <sup>2</sup>		
	Total	Marketing <sup>3</sup>	Farm supply	Total	Marketing <sup>3</sup>	Farm supply	Total	Marketing <sup>3</sup>	Farm supply
1930.....	12,000	10,546	1,454	3,100	2,630	470	2,500,000	2,310,000	190,000
1935.....	10,700	8,794	1,906	3,280	2,490	790	1,630,000	1,343,000	187,000
1940.....	10,700	8,051	2,649	3,200	2,300	900	2,087,000	1,729,000	358,000
1945.....	10,150	7,400	2,750	4,505	2,895	1,610	5,645,000	4,835,000	810,000
1947.....	10,125	7,268	2,857	5,436	3,378	2,058	7,116,000	6,005,000	1,111,000
1948.....	10,135	7,169	2,976	5,890	3,630	2,260	8,635,000	7,195,000	1,440,000
1949.....	10,075	6,993	3,082	6,384	3,973	2,411	9,320,000	7,700,000	1,620,000
1950.....	10,035	6,922	3,113	6,584	4,075	2,509	8,728,000	7,082,600	1,643,400
1951.....	10,051	6,769	3,282	7,091	4,212	2,879	8,149,668	6,459,460	1,690,208
1952.....	10,166	6,843	3,323	7,363	4,331	3,033	9,404,712	7,487,495	1,917,217
1953.....	10,114	6,788	3,376	7,474	4,336	3,139	9,617,068	7,504,607	2,012,461
1954.....	10,058	6,686	3,372	7,608	4,355	3,253	9,462,985	7,486,697	1,976,288
1955.....	9,887	6,543	3,344	7,603	4,281	3,322	9,626,258	7,606,404	2,019,854
1956 (prel.).....	9,876	6,503	3,373	7,731	4,287	3,444	9,789,067	7,724,795	2,044,272

<sup>1</sup> Since 1935, comprises members (those entitled to vote for directors) but excludes nonvoting patrons.

<sup>2</sup> Comprises value of commodities sold or purchased for patrons and charges for rendering other essential services in marketing or purchasing. Beginning 1951, net figures; adjusted for duplication resulting from transactions between cooperatives. Earlier figures included some duplication.

<sup>3</sup> Beginning 1951, includes service associations.

### No. 831.—FARMERS' MARKETING, FARM SUPPLY, AND SERVICE COOPERATIVES— NUMBER, MEMBERSHIPS, AND BUSINESS, BY STATES: 1956

[Preliminary. See headnote, table 830]

STATE	Coop-eratives listed	Esti-mated member-ships <sup>1</sup>	Esti-mated business <sup>2</sup> (\$1,000)	STATE	Coop-eratives listed	Esti-mated member-ships <sup>1</sup>	Esti-mated business <sup>2</sup> (\$1,000)
United States.....	9,876	7,730,710	9,769,067	South Atlantic—Con.			
New England.....	139	107,330	262,878	Virginia.....	132	246,150	142,470
Maine.....	23	23,715	44,388	West Virginia.....	80	70,755	30,920
New Hampshire.....	10	8,945	21,598	North Carolina.....	94	401,235	157,875
Vermont.....	32	21,900	71,939	South Carolina.....	37	71,250	32,492
Massachusetts.....	39	31,670	65,344	Georgia.....	82	135,475	80,774
Rhode Island.....	3	3,810	9,032	Florida.....	100	25,585	170,362
Connecticut.....	32	17,290	50,577	East South Central.....	400	755,950	412,590
Middle Atlantic.....	666	379,105	970,556	Kentucky.....	73	257,680	125,072
New York.....	409	166,520	495,443	Tennessee.....	140	245,500	70,798
New Jersey.....	70	36,440	145,510	Alabama.....	49	123,055	46,151
Pennsylvania.....	187	176,145	329,603	Mississippi.....	138	129,715	170,569
East North Central.....	1,985	1,968,120	2,348,311	West South Central.....	914	538,155	749,529
Ohio.....	288	374,455	547,146	Arkansas.....	119	80,090	104,349
Indiana.....	149	420,230	366,047	Louisiana.....	59	55,195	50,905
Illinois.....	527	556,740	600,713	Oklahoma.....	198	167,340	149,101
Michigan.....	236	201,485	294,511	Texas.....	538	255,530	445,174
Wisconsin.....	785	415,210	539,894	Mountain.....	528	300,900	494,239
West North Central.....	3,869	2,311,110	2,467,952	Montana.....	177	63,920	93,647
Minnesota.....	1,288	578,880	658,780	Idaho.....	98	57,330	103,048
Iowa.....	697	402,840	540,269	Wyoming.....	23	12,385	18,141
Missouri.....	266	442,310	290,392	Colorado.....	108	63,090	131,145
North Dakota.....	531	268,430	266,915	New Mexico.....	33	10,725	29,373
South Dakota.....	317	167,530	159,375	Arizona.....	13	61,240	34,281
Nebraska.....	406	254,310	278,822	Utah.....	72	31,810	81,427
Kansas.....	364	196,810	273,419	Nevada.....	4	400	3,177
South Atlantic.....	605	1,050,475	740,330	Pacific.....	770	319,565	1,322,682
Delaware.....	16	23,820	22,771	Washington.....	193	120,105	282,268
Maryland.....	63	76,205	90,676	Oregon.....	123	71,660	159,306
District of Columbia.....	1	( <sup>3</sup> )	( <sup>3</sup> )	California.....	454	127,800	881,108

<sup>1</sup> See footnote 1, table 830. <sup>2</sup> See footnote 2, table 830.

<sup>3</sup> Memberships and business allocated to States in which the cooperative does business.

Source of tables 830 and 831: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

## Section 25

### Agriculture—Production and Related Subjects

This section presents statistics concerning farm output and productivity, farm imports and exports, and data relative to specific crops, livestock, dairy products, and poultry.

The principal sources of these data are the reports of the decennial and quinquennial Censuses of Agriculture conducted by the Bureau of the Census and three annual reports issued by the Agricultural Marketing Service of the Department of Agriculture entitled *Crop Production*, *Crop Values*, and *Agricultural Statistics*. Other important sources of these data published by the Agricultural Marketing Service include *Production of Manufactured Dairy Products*; *Livestock on Farms, January 1*; *U. S. Livestock Reports*; *The National Food Situation*; *Cotton and Cottonseed Production*; and *The Wheat Situation*. Data sources concerned with agricultural exports and imports include *Foreign Agricultural Trade* published by the Foreign Agricultural Service of the Department of Agriculture and *Foreign Commerce and Navigation of the United States* which was issued annually through 1946 by the Bureau of the Census. Statistics on other aspects of agriculture may be found in section 24, Agriculture—General Statistics.

**Crop reporting.**—Annual agricultural statistics of a wide variety have been issued currently by the Department of Agriculture for 95 years—the first being as of May 1, 1863. The 41 field offices design the samples and collect data from voluntary reporters. State estimates and other information are sent to the Crop Reporting Board of the Agricultural Marketing Service, where, after review, reports are issued containing State, regional, and United States data.

Statistics compiled by the Agricultural Marketing Service on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-fourths of a million reporters, mostly farmers, who report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living. The most extensive of the current survey data are gathered by the Agricultural Marketing Service from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October.

In the data prepared by the Agricultural Marketing Service, estimates of crop acreage and production for the census years are set up currently from available information. Later, if necessary, these data are revised to a level based largely on the Census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians as well as reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census.

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Note.—This section presents data for the most recent year or period available on May 23, 1958, when the material was organized and sent to the printer. In some instances, more recent data were added later.

**Livestock.**—For each decade from 1840 through 1900, the Census of Agriculture was taken as of June 1. The five decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; and April 1, 1930, 1940, and 1950. The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1. The 1954 Census of Agriculture was taken in the fall of that year. Comparison of inventory numbers of livestock from census to census is seriously affected by changes in the date of enumeration. From January to April, there are material changes in numbers on hand in most parts of the country, due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible, the censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of *U. S. Census of Agriculture: 1950* shows a complete history of the enumeration of livestock and presents a discussion of the comparability from census to census. For most kinds of domestic livestock, there are comparatively short, cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction.

Annual inventory numbers of livestock on farms, together with estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture, are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and slaughter. The level for these inventories is based in large part on interpretations of the Census Bureau enumerations for years when such data are available.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series E 189-243") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

### No. 832.—INDEXES OF VOLUME OF FARM MARKETINGS AND HOME CONSUMPTION: 1930 TO 1957

[1947-49=100]

ITEM	1930	1935	1940	1945	1950	1952	1953	1954	1955	1956	1957 (prel.)
<b>Total</b> .....	72	66	80	99	99	104	108	109	112	117	114
Livestock and livestock products.....	75	70	84	106	103	107	110	113	117	123	120
Meat animals.....	72	65	83	106	101	108	111	115	123	128	121
Poultry and eggs.....	65	58	64	106	114	122	124	130	129	142	145
Dairy products.....	84	86	87	103	102	102	109	111	113	117	118
Crops.....	69	61	75	89	95	99	106	103	107	108	104
Food grains.....	57	44	56	86	81	98	96	92	81	85	81
Feed crops.....	58	36	74	94	113	91	107	126	137	137	153
Cotton (lint and seed).....	97	75	82	66	79	102	124	101	101	99	76
Tobacco.....	76	63	70	100	98	104	100	106	110	103	83
Oil crops <sup>1</sup> .....	21	25	45	87	114	112	107	101	146	153	150
Vegetables <sup>2</sup> .....	79	84	79	99	100	97	101	100	103	108	107
Fruits and nuts <sup>3</sup> .....	77	89	89	91	98	102	103	100	105	108	108
Sugar crops.....	92	97	109	95	119	97	108	122	111	112	128
Seeds.....	63	62	86	96	148	140	125	130	134	143	140

<sup>1</sup> Includes peanuts; excludes cottonseed.

<sup>2</sup> Includes dry edible beans, dry field peas, mung beans, potatoes, and sweetpotatoes.

<sup>3</sup> Excludes peanuts.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and records.

## No. 833.—FARM OUTPUT INDEXES AND ACREAGE OF 59 CROPS: 1930 TO 1957

ITEM	1930	1935	1940	1945	1950	1954	1955	1956	1957
<b>FARM OUTPUT AND GROSS PRODUCTION OF LIVESTOCK AND CROPS (1947-49=100)</b>									
Farm output <sup>1</sup> .....	72	72	83	96	100	108	112	113	113
All livestock and products <sup>2</sup> .....	78	72	87	104	107	117	120	122	121
Meat animals.....	78	66	89	103	109	121	127	123	121
Dairy products.....	84	86	92	103	101	107	108	110	111
Poultry and eggs.....	65	59	70	106	111	125	123	136	135
All crops <sup>3</sup> .....	76	76	85	93	97	101	105	106	106
Feed grains.....	73	80	85	97	104	106	112	112	121
Hay and forage.....	75	96	106	113	106	109	116	111	126
Food grains.....	72	53	67	89	83	85	80	84	79
Vegetables.....	82	88	91	101	98	94	96	101	96
Fruits and nuts.....	75	91	95	93	104	104	104	112	112
Sugar crops.....	88	95	108	96	117	117	107	108	126
Cotton.....	98	75	88	63	70	96	103	93	77
Tobacco.....	81	65	72	98	101	110	109	108	83
Oil crops.....	23	34	56	88	116	116	128	153	147
Feed used by farm horses and mules <sup>4</sup> .....	219	101	167	131	82	48	43	39	35
<b>AGGREGATE ACREAGE, 59 CROPS<sup>5</sup></b>									
Planted or grown.....1,000 acres.....	369,500	361,942	348,050	356,324	353,009	354,546	353,899	345,052	334,221
Harvested.....do.....	359,896	336,102	331,731	345,546	336,437	338,214	332,880	318,581	319,062

<sup>1</sup> Measures annual volume of farm production available for eventual human use.<sup>2</sup> Measures gross production of meat animals, dairy products, poultry and eggs, and some miscellaneous livestock products not shown separately, excluding horses and mules. Livestock production is made up of three components: Constant-dollar value of pasture consumed; other feed consumed, and product-added in converting feed and pasture into livestock and products for human use. In combining production of livestock and crops into total farm output, value of feed other than pasture consumed is excluded to avoid double counting of production of feed crops included in crop production.<sup>3</sup> Total constant dollar value of all crop production regardless of its final disposition. Includes production of hay seeds, pasture seeds, and cover-crop seeds and some miscellaneous crop production not shown.<sup>4</sup> Hay and concentrates only. Constant dollar value fed to horses and mules is subtracted when combining livestock and crops into total farm output.<sup>5</sup> 52 crops for 1930.Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 834.—MAN-HOURS REQUIRED AND INDEX OF FARM LABOR PRODUCTIVITY: 1930 TO 1957

[Man-hours in millions; index, 1947-49=100]

ITEM	1930	1940	1945	1950	1953	1954	1955	1956 (prel.)	1957 (prel.)
<b>Man-hours of labor required on farms, total<sup>1</sup>.....</b>									
All livestock.....	22,921	20,445	19,127	15,259	15,007	14,555	14,505	14,177	13,645
All crops.....	7,197	7,004	7,178	5,932	5,837	5,817	5,785	5,770	5,687
Farm maintenance.....	12,286	10,374	9,080	7,038	6,918	6,555	6,544	6,281	5,911
	3,438	3,067	2,869	2,289	2,252	2,183	2,176	2,126	2,047
<b>Index of farm output per man-hour<sup>2</sup>.....</b>									
All livestock and products.....	54	70	86	112	123	127	132	136	141
Meat animals.....	76	81	90	109	116	118	121	123	123
Milk cows.....	92	94	96	104	104	106	108	106	107
Poultry.....	75	77	89	107	113	116	119	121	122
All crops.....	73	79	89	110	126	129	131	140	144
Feed grains.....	52	69	86	115	124	129	135	140	151
Hay and forage.....	41	56	76	122	155	156	162	175	183
Food grains.....	57	64	81	119	124	127	126	128	147
Vegetables.....	48	58	84	114	128	137	143	146	161
Fruits and nuts.....	74	81	90	107	113	115	116	119	119
Sugar crops.....	72	94	94	106	109	111	109	114	114
Cotton.....	72	84	77	123	140	148	149	160	170
Tobacco.....	51	72	79	108	131	137	147	148	145
Oil crops.....	79	90	92	104	104	107	114	120	117
	43	57	70	151	157	173	180	191	188

<sup>1</sup> Man-equivalent hours, that is, time used by average adult males in performing farm operations.<sup>2</sup> Index of farm output (production available for human use) divided by index of man-hour requirements.Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*, and records.

## No. 835.—LAND AND LIVESTOCK PRODUCTIVITY INDEXES: 1930 TO 1957

[1947-49=100]

YEAR	Cropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>	YEAR	Cropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>
1930-----	101	75	92	85	1948-----	100	106	98	99
1935-----	100	76	86	84	1949-----	102	99	99	104
1940-----	97	88	95	92	1950-----	100	97	102	105
1941-----	96	90	94	98	1951-----	101	98	103	109
1942-----	97	100	104	98	1952-----	100	103	102	110
1943-----	100	91	117	95	1953-----	100	103	100	114
1944-----	100	96	114	92	1954-----	100	101	104	112
1945-----	98	95	108	96	1955-----	99	106	106	113
1946-----	97	101	107	94	1956-----	97	109	104	117
1947-----	98	95	103	97	1957 (prel.)--	95	112	103	117

<sup>1</sup> Based on sum of the acreage from which one or more crops were harvested plus acreages of crop failure and summer fallow.

<sup>2</sup> Excludes horses and mules.

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 836.—AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1932 TO 1957

[In millions of dollars. For years ending June 30. Excludes forest products and distilled liquors. Crude rubber and similar gums (now mainly plantation products) are included in agricultural products]

YEARLY AVERAGE OR YEAR	AGRICULTURAL EXPORTS			AGRICULTURAL IMPORTS <sup>3</sup>				Excess of domestic agricul- tural exports over supple- mentary imports
	Domestic products <sup>1</sup>		Foreign products (re- exports)	Total	Percent of all imports	Supple- mentary imports <sup>4</sup>	Comple- mentary imports <sup>4</sup>	
	Total	Percent of all exports <sup>2</sup>						
1932-1936-----	713	36.4	20.3	872	50.9	443	429	270
1937-1941-----	679	20.3	32.3	1,281	51.0	628	652	51
1942-1946-----	1,976	13.9	92.0	1,645	45.5	1,024	621	952
1947-1951-----	3,469	28.1	78.6	3,378	46.4	1,641	1,737	1,827
1952-1956-----	3,290	21.2	( <sup>5</sup> )	4,209	38.7	1,734	2,476	1,556
1951-----	3,411	27.1	96.4	5,147	47.9	2,289	2,858	1,122
1952-----	4,053	26.0	70.0	4,699	45.0	1,971	2,728	2,082
1953-----	2,819	18.6	75.6	4,304	39.5	1,911	2,393	908
1954-----	2,936	19.3	62.0	4,176	39.8	1,694	2,482	1,242
1955-----	3,144	21.1	( <sup>5</sup> )	3,781	36.3	1,509	2,272	1,635
1956-----	3,496	20.7	( <sup>5</sup> )	4,086	33.8	1,583	2,503	1,913
1957 (prel.)-----	4,724	22.9	( <sup>5</sup> )	3,800	30.0	1,539	2,262	3,185

<sup>1</sup> Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program.

<sup>2</sup> Based on total exports of domestic merchandise.

<sup>3</sup> Imports for consumption beginning 1934; general imports prior thereto.

<sup>4</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports comprise all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

<sup>5</sup> Not available.

Source: Department of Agriculture, Foreign Agricultural Service, from official records of Bureau of the Census and U. S. Tariff Commission. Published in annual report, *Agricultural Statistics*.



No. 837.—U. S. AND WORLD PRODUCTION AND EXPORTS OF SELECTED AGRICULTURAL PRODUCTS: 1957

[Grains and cotton on crop-year basis; other commodities on calendar-year basis and are partially estimated]

COMMODITY	Unit	PRODUCTION			EXPORTS		
		U. S.	World		U. S.	World	
			Total	Percent U. S.		Total	Percent U. S.
Wheat.....	million bushels.....	997	7,800	12.9	550	1,282	42.9
Oats.....	do.....	1,153	4,275	27.0	27	112	24.0
Corn.....	do.....	3,451	6,510	53.0	154	269	57.2
Barley.....	do.....	372	3,340	11.1	62	350	17.7
Soybeans.....	do.....	491	887	55.4	82	104	78.9
Rice <sup>1</sup> .....	million pounds.....	4,740	438,484	1.1	1,550	13,700	11.3
Lard.....	do.....	2,646	9,050	29.2	520	660	78.8
Tallow and greases.....	do.....	3,294	6,430	51.2	1,530	1,990	78.1
Tobacco <sup>2</sup> .....	do.....	1,680	8,360	20.1	490	1,585	30.9
Edible vegetable oils.....	1,000 tons.....	3,095	11,497	26.9	<sup>3</sup> 1,035	<sup>4</sup> 2,317	44.7
Cotton.....	1,000 bales <sup>5</sup> .....	13,050	38,063	34.3	7,913	15,932	49.7

<sup>1</sup> Milled basis.

<sup>2</sup> Unmanufactured.

<sup>3</sup> Includes oil equivalent of soybeans (82 million bushels).

<sup>4</sup> Includes oil equivalent of soybeans (104 million bushels).

<sup>5</sup> Bales of 500 lbs. gross weight.

Source: Department of Agriculture, Foreign Agricultural Service; *Competitive Position of United States Farm Products Abroad, 1968*.

No. 838.—AGRICULTURAL EXPORTS—VALUE OF EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS: 1946 TO 1957

[In millions of dollars. For years ending June 30. Programs included are those in which the Federal Government arranges for the foreign sale and is involved in financing it. Exports outside these programs in which the Government may be involved (other than by arranging the foreign sale or its financing) are not included. Government-subsidized sales for export are included only when the commodities sold are shipped under one of the specified programs]

ITEM	1946	1950	1954	1955	1956	1957
Agricultural exports <sup>1</sup> .....	2,857	2,986	2,936	3,144	3,496	4,724
Sales outside government programs <sup>1</sup> .....	875	981	2,225	2,213	2,078	2,722
Government grants and sales <sup>1</sup> .....	1,982	2,005	711	931	1,418	2,002
Direct grants <sup>2</sup> .....	1,787	1,975	448	383	275	250
Foreign currency sales <sup>3</sup> .....			116	354	783	1,279
Barter sales <sup>4</sup> .....		8	34	125	290	401
Credit sales <sup>5</sup> .....	195	22	113	69	61	73

<sup>1</sup> Figures for Government-financed programs obtained from different source than those for total exports; therefore not fully comparable in regard to valuation, shipping period, etc.

<sup>2</sup> Includes economic aid, army civilian supply, and Department of Agriculture donations.

<sup>3</sup> No sales prior to 1954. Includes expenditures under Mutual Security Act and liftings under Title I of Public Law 480.

<sup>4</sup> No sales prior to 1950. Figures represent deliveries to contractors at export market value.

<sup>5</sup> Loans are primarily short term, repayable in dollars plus interest.

Source: Department of Agriculture, Foreign Agricultural Service.

## No. 839.—AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1951 TO 1957

[1952-54=100. For years ending June 30]

YEAR	Total <sup>1</sup>	Animals and animal products	Cotton fiber, incl. linters	Tobacco, unmanufactured	Grains and feeds	Vegetable oils and oilseeds	Fruits and vegetables
1951.....	106	114	104	101	112	99	80
1952.....	120	97	137	109	128	96	100
1953.....	87	84	73	94	96	76	98
1954.....	93	119	90	97	76	128	102
1955.....	104	164	89	97	85	179	107
1956.....	121	204	54	121	124	223	127
1957.....	169	197	178	105	164	261	142

<sup>1</sup> Based on 261 classifications including commodity breakdown of food exported for relief or charity.Source: Department of Agriculture, Foreign Agricultural Service. Published currently in *Foreign Agricultural Trade*. Compiled from official records of Bureau of the Census.

## No. 840.—AGRICULTURAL PRODUCTS IMPORTED—INDEXES OF QUANTITY: 1940 TO 1957

[January 1924-December 1929=100. For years ending June 30]

YEAR	Total <sup>1</sup>	Supplemen- tary <sup>1</sup>	Com- ple- men- tary <sup>1</sup>	Wool (excl. free for carpets)	Hides and skins	Dairy products	Sugar	Vegetable oils and oilseeds	Grains, grain products, and feeds	To- bacco, leaf
1940.....	102	87	113	112	76	51	82	103	111	75
1945.....	84	106	67	382	57	5	90	53	445	85
1946.....	87	94	82	561	47	17	52	42	123	84
1947.....	102	98	105	457	53	25	72	81	38	100
1948.....	100	87	110	296	82	16	80	72	15	80
1949.....	102	86	114	179	42	23	87	62	124	92
1950.....	104	96	111	255	59	41	79	69	188	91
1951.....	119	115	121	332	67	55	92	86	211	100
1952.....	108	98	115	248	49	49	91	54	307	110
1953.....	111	109	113	258	47	68	92	55	341	105
1954.....	101	96	105	134	36	46	96	50	337	103
1955.....	92	88	95	123	34	47	86	62	157	108
1956.....	102	93	109	130	40	47	101	57	155	109
1957.....	96	89	101	90	33	50	110	56	164	111

<sup>1</sup> Based on data for 122 agricultural import classifications.<sup>2</sup> See footnote 4, table 836.Source: Department of Agriculture, Foreign Agricultural Service; annual report, *Agricultural Statistics*. Published currently in *Foreign Agricultural Trade*. Computed from official records of Bureau of the Census and U. S. Tariff Commission.

## No. 841.—AGRICULTURAL EXPORTS—ACREAGE USED AND RATIO OF VALUE TO CASH RECEIPTS FROM FARM MARKETINGS: 1930 TO 1957

YEAR	CROP ACREAGE		Export acreage as percent of total	Cash receipts from farm marketings	Agricultural exports	Ratio of exports to cash receipts (percent)
	Total harvested <sup>1</sup>	Used for export <sup>2</sup>				
	Millions	Millions		Mil. dol.	Mil. dol.	
1930.....	369	39	10.6	9,055	1,201	13
1935.....	345	20	5.8	7,120	747	10
1940.....	339	14	4.1	8,382	517	6
1945.....	354	39	11.0	21,663	2,294	11
1950.....	345	39	11.6	28,405	2,873	10
1951.....	344	54	15.7	32,928	4,040	12
1952.....	349	43	12.3	32,556	3,431	11
1953.....	348	34	9.8	31,183	2,847	9
1954.....	346	33	9.5	29,944	3,054	10
1955.....	340	40	11.8	29,542	3,199	11
1956.....	326	56	17.2	30,372	4,158	14
1957 (prel.).....	326	57	17.5	30,019	4,500	15

<sup>1</sup> Area in crops harvested (excluding duplication) plus acreages in fruits, tree nuts, and farm gardens.<sup>2</sup> Acreages for producing export products include acreages used to produce the seed used to grow the crops exported and the feed used to produce export livestock products. Data for 1930 and 1935 relate to years beginning July 1, or month representing beginning of crop season; beginning 1940, calendar years.

Source: Department of Agriculture, Foreign Agricultural Service; Statistical Bulletin No. 179 and records.

## No. 842.—VALUE OF PRINCIPAL AGRICULTURAL EXPORTS: 1931 TO 1957

[In millions of dollars. Excludes reexports of foreign products. Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and FOA; civilian supply shipments are included in 1948 and subsequent years]

ITEM	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951- 1955, average	1954	1955	1956	1957
<b>Agricultural exports, total...</b>	<b>731.7</b>	<b>701.2</b>	<b>1,654.4</b>	<b>3,222.5</b>	<b>3,314.1</b>	<b>3,053.8</b>	<b>3,198.3</b>	<b>4,169.6</b>	<b>4,507.4</b>
Live animals.....	1.5	1.8	3.5	12.2	13.8	15.9	20.4	20.4	20.3
Meats.....	23.7	21.3	373.2	114.4	58.9	68.2	96.8	110.0	110.0
Eggs and dairy products.....	6.9	8.6	376.6	269.6	117.1	99.9	133.9	174.5	137.1
Animal fats and oils.....	37.0	18.2	109.2	108.5	172.3	181.1	189.7	207.5	197.8
Hides and skins.....	3.2	4.5	1.1	15.7	36.9	54.4	60.3	59.2	67.6
Bread grains <sup>1</sup> .....	40.4	58.6	112.6	896.4	699.5	434.9	495.8	819.1	862.7
Coarse grains.....	9.3	38.8	30.5	224.9	324.1	207.6	362.7	388.9	380.0
Rice.....	4.7	6.9	30.2	82.9	118.9	106.3	81.3	132.6	124.4
Fodders and feeds.....	9.3	9.5	3.9	19.0	33.7	35.8	66.6	68.2	49.8
Vegetables.....	8.0	13.2	59.0	73.2	82.7	84.0	87.5	109.3	107.0
Fruits and preparations.....	83.2	74.0	83.8	127.8	150.8	170.9	182.3	244.2	235.1
Vegetable oils (expressed), oil-seeds, and nuts.....	6.5	11.3	46.1	145.2	253.7	329.3	331.1	470.0	469.6
Coffee and substitutes.....	1.9	2.2	1.2	7.2	7.3	8.5	9.2	15.2	17.7
Sugar and related products.....	4.8	8.1	26.8	26.6	15.6	9.4	10.0	18.5	14.2
Seeds, except oilseeds.....	1.9	2.5	13.0	15.0	10.6	18.5	12.9	16.9	17.9
Tobacco.....	103.7	109.8	137.7	267.9	314.6	303.9	356.5	333.5	359.1
Cotton.....	366.5	282.9	151.7	674.2	761.2	787.8	477.2	729.1	1,058.6
Wool and hair.....	1.5	2.1	6.8	9.7	5.8	6.7	10.1	17.4	17.6
All other.....	17.6	27.1	87.5	132.1	136.6	140.1	242.8	248.2	260.7

<sup>1</sup> Wheat and rye; flour and flour products.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 843.—VALUE OF PRINCIPAL AGRICULTURAL IMPORTS: 1931 TO 1957

[In millions of dollars. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy]

ITEM	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951- 1955, average	1954	1955	1956	1957
<b>Agricultural imports, total...</b>	<b>(1)</b>	<b>1,249.1</b>	<b>1,596.7</b>	<b>3,016.6</b>	<b>4,367.5</b>	<b>3,972.8</b>	<b>3,982.0</b>	<b>3,961.0</b>	<b>3,936.1</b>
Animals and products, edible.....	16.1	45.7	52.4	116.0	201.5	197.9	191.3	164.2	257.2
Dairy products and eggs.....	14.2	14.2	5.8	17.2	31.4	27.6	28.6	29.1	32.1
Hides and skins, except reptile.....	38.6	50.1	66.2	88.9	70.8	50.1	53.1	62.9	47.3
Animal fats, inedible.....	3.5	1.1	2.7	.4	.9	.8	.7	.7	.8
Grains and preparations.....	28.2	44.3	112.3	42.8	124.1	92.6	61.5	80.9	83.5
Fodders and feeds.....	6.7	11.3	16.4	23.1	43.8	39.4	23.1	23.2	24.2
Vegetables, fruits, nuts.....	66.3	79.3	93.0	203.9	231.4	225.4	245.9	250.0	259.6
Vegetable oils (expressed) and oilseeds.....	71.7	112.9	84.4	203.5	159.3	142.3	129.6	129.9	145.1
Cocoa, coffee, tea, spices.....	188.4	204.1	347.5	956.5	1,732.2	1,879.1	1,684.2	1,701.3	1,616.2
Sugar and related products.....	122.0	152.1	207.6	363.0	459.9	454.5	461.4	483.5	503.1
Beverages, excluding spirits.....	6.1	11.4	14.0	20.5	31.9	34.8	37.5	44.2	49.8
Crude rubber.....	74.6	206.3	151.8	312.3	492.6	262.1	441.2	398.1	349.7
Tobacco, unmanufactured.....	27.1	34.3	50.5	80.8	83.1	82.7	84.6	90.1	96.5
Cotton, unmanufactured.....	7.4	11.4	20.2	41.2	39.0	29.2	41.6	23.7	34.8
Wool and mohair, unmanufactured.....	18.7	61.3	247.9	291.2	374.9	222.5	260.4	242.5	210.7
Raw silk.....	115.1	108.7	12.6	32.0	28.7	30.7	33.5	32.4	24.6
Vegetable fibers, except cotton and silk.....	17.8	29.4	42.6	80.8	96.1	58.5	53.6	55.5	56.0
All other.....	(2)	71.2	68.7	142.6	165.7	142.8	150.1	148.8	144.9

<sup>1</sup> Not available on calendar year basis prior to 1934.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 844.—ALL CROPS—ACREAGE, VALUE, AND CROPLAND HARVESTED: 1879 TO 1954

[Minus sign (—) denotes decrease]

CROP AND YEAR	ACREAGE			VALUE			Average value per acre
	Total	Increase		Total	Increase		
		Acres	Percent		Amount	Percent	
Cropland harvested:	1,000	1,000		\$1,000	\$1,000		Dollars
1919 <sup>1</sup>	348,604						
1924	344,549	-4,054	-1.2				
1929	359,242	14,693	4.3				
1934	295,624	-63,618	-17.7				
1939	321,242	25,618	8.7				
1944	352,866	31,623	9.8				
1949	344,399	-8,467	-2.4				
1954	332,870	-11,528	-3.3				
All crops: <sup>2</sup>							
1879	166,187			(3)	(3)	(3)	(3)
1889	219,706	53,519	32.2	(3)	(3)	(3)	(3)
1899	283,218	63,513	28.9	2,888,050			10.20
1909	311,293	28,075	9.9	5,287,774	2,399,724	83.1	16.99
1919	348,604	37,310	12.0	14,646,178	9,358,404	177.0	42.01
1924	(3)	(3)	(3)	7,472,535	-7,173,643	-49.0	(3)
1929	361,945	(3)	(3)	8,223,515	750,980	10.0	22.97
1934	298,642	-63,302	-17.5	4,479,015	-3,744,500	-45.5	15.00
1939	324,238	25,596	8.6	5,705,464	1,226,449	27.4	17.60
1944 <sup>4</sup>	353,355	29,116	9.0	14,439,931	8,734,466	153.1	40.87
1949	350,901	-2,454	-0.7	16,295,855	1,855,924	12.9	46.44
1954	338,027	-12,874	-3.7	18,679,259	2,383,404	14.6	55.26
Field crops: <sup>5</sup>							
1899	282,840			2,725,292			9.64
1909	309,913	27,073	9.6	4,942,666	2,217,374	81.4	15.95
1919 <sup>6</sup>	346,875	36,963	11.9	13,272,598	8,329,932	168.5	38.26
1929	352,660	5,785	1.7	6,900,096	-6,372,502	-48.0	19.57
1934 <sup>7</sup>	288,421	-64,239	-18.2	3,949,725	-2,950,371	-42.8	13.69
1939	315,660	27,239	9.4	4,763,656	813,931	20.6	15.09
1944 <sup>4</sup>	343,798	28,138	8.9	11,891,732	7,128,076	149.6	34.59
1949	341,893	-1,905	-0.6	14,321,684	2,429,952	20.4	41.89
1954	329,858	-12,035	-3.5	16,376,019	2,054,335	14.3	49.65
Vegetables: <sup>8</sup>							
1909	1,009			9,65,749	(10)	(10)	
1919	1,424	415	41.1	534,436	(10)	(10)	
1929	2,812	1,387	97.4	522,010	-12,426	-2.3	
1934	3,774	962	34.2	11,137,029	(10)	(10)	
1939	3,053	-720	-19.1	410,916	(10)	(10)	
1944 <sup>4</sup>	4,370	1,317	43.1	1,032,626	621,710	151.3	
1949	3,865	-506	-11.6	9,607,018	-425,608	-41.2	
1954	3,740	-125	-3.2	9,645,095	38,077	6.3	
Fruits and nuts and horticultural specialties:							
1899 <sup>12</sup>	379			162,757			
1909 <sup>12</sup>	371	-7	-1.9	279,358	116,601	71.6	
1919 <sup>12</sup>	304	-67	-18.1	839,144	559,785	200.4	
1929 <sup>13</sup>	6,473	(10)	(10)	801,409	-37,735	-4.5	123.81
1934 <sup>7</sup>	6,448	-25	-0.4	392,261	-409,148	-51.1	60.84
1939	5,525	-923	-14.3	530,892	138,631	35.3	96.09
1944 <sup>13</sup>	5,187	-338	-6.1	1,515,572	984,680	185.5	292.21
1949 <sup>14</sup>	5,143	-41	-0.8	1,367,153	-147,857	-9.8	265.82
1954 <sup>15</sup>	4,429	-715	-13.9	1,658,145	290,992	21.3	374.42

<sup>1</sup> For Census of 1920, cropland harvested was obtained by adding the acres of individual crops harvested. See footnote 6.

<sup>2</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.

<sup>3</sup> Not available.

<sup>4</sup> Total for specified crops.

<sup>5</sup> Irish and sweet potatoes included with Field crops, not with Vegetables.

<sup>6</sup> Excludes corn cut for fodder (acreage, 14,503,000; value, \$206,935,000) probably duplicated in acreage of corn harvested for grain.

<sup>7</sup> Only strawberries included in small fruits; other small fruits included in field crops.

<sup>8</sup> Acreage represents vegetables harvested for sale only; acreage in farm gardens not available. Value comprises both vegetables for home use and for sale, except as noted.

<sup>9</sup> Vegetables harvested for sale.

<sup>10</sup> Available data not comparable.

<sup>11</sup> Farm garden vegetables for home use only.

<sup>12</sup> Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930 Census.

<sup>13</sup> Acreage of horticultural specialties not included.

<sup>14</sup> Excludes acreage on farms reporting less than one-half acre in orchards, vineyards, and planted nut trees.

<sup>15</sup> Excludes data for farms with less than 20 trees or grapevines.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 845.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND: 1949 AND 1954

[See also *Historical Statistics, 1789-1945*, series E 181-243]

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			VALUE (\$1,000)	
	1949	1954	Unit	1949	1954	1949	1954
All crops harvested.....	350,901	338,027				16,295,855	18,679,259
All field crops <sup>2</sup> .....	341,893	329,858				14,321,684	16,376,019
Corn for all purposes <sup>3</sup> .....	83,336	78,123				3,823,424	4,287,083
Sorghum for all purposes except sirup.....	10,069	17,566				227,917	451,058
All wheat threshed <sup>4</sup> .....	71,163	51,362	Bu.....	1,006,559	908,928	1,874,371	1,939,861
Oats threshed.....	35,344	37,921	do.....	1,136,042	1,314,142	740,308	927,583
Barley threshed <sup>4</sup> .....	9,180	12,556	do.....	220,963	354,716	231,735	384,082
Rye threshed <sup>4</sup> .....	1,418	1,450	do.....	16,563	21,844	20,237	26,549
Mixed grains threshed <sup>4</sup> .....	1,703	932	do.....	45,769	27,490	51,910	31,199
Flaxseed threshed <sup>4</sup> .....	4,813	5,179	do.....	40,189	35,495	144,703	107,970
Rice threshed <sup>4</sup> .....	1,819	2,498	do.....	89,432	145,076	158,436	296,345
Soybeans harvested for beans.....	10,148	16,444	do.....	212,440	323,965	451,120	815,838
Soybeans hogged or grazed or cut for silage.....	583	531				9,818	11,290
Cowpeas harvested for dry peas.....	382	268	Bu.....	1,954	1,180	6,885	5,316
Cowpeas hogged or grazed or cut for silage.....	312	205				5,154	3,959
Soybeans and cowpeas cut for hay.....	1,394	1,074	Tons.....	1,643	994	37,296	28,807
Peanuts harvested for nuts.....	2,134	1,270	Lb.....	1,721,913	884,604	177,000	107,632
Peanut vines or tops saved for hay.....	1,335	1,002	Tons.....	674	599	9,844	14,779
All dry field and seed beans other than velvetbeans, soybeans, and mungbeans.....	1,780	1,455	100-lb. bags.....	19,223	17,125	131,846	137,574
All dry field and seed peas other than cowpeas and Austrian peas.....	366	255	100-lb. bags.....	5,215	5,624	11,466	16,844
All hay, excl. sorghum for hay and specified annual legumes.....	65,631	69,940	Tons.....	88,999	103,597	1,884,000	2,301,882
Alfalfa cut for hay.....	16,412	26,008	do.....	35,254	54,914	793,601	1,257,660
Clover or timothy cut for hay.....	18,557	16,930	do.....	23,957	23,687	547,072	535,603
Lespedeza cut for hay <sup>4</sup> .....	6,929	3,301	do.....	7,934	2,826	162,254	86,302
Small grains cut for hay.....	3,040	4,674	do.....	3,141	5,096	63,548	118,322
Wild hay cut <sup>4</sup> .....	14,292	12,473	do.....	11,611	9,584	172,078	149,717
Other hay cut <sup>7</sup> .....	6,390	5,398	do.....	6,655	5,497	133,141	111,846
Silage made from grass or hay crops <sup>8</sup> .....	297	1,156	do.....	1,495	6,642	12,305	43,433
Alfalfa seed harvested.....	1,055	1,015	Bu.....	1,882	2,676	43,341	52,168
Red clover seed harvested.....	1,326	860	do.....	1,268	925	30,838	24,398
Lespedeza seed harvested.....	1,007	529	Lb.....	231,939	90,106	17,057	17,121
Cotton harvested (lint).....	26,599	18,858	Bales.....	15,419	12,921	2,212,902	2,186,979
Cottonseed.....			Tons.....	6,410	5,413	278,395	327,743
Tobacco harvested.....	1,532	1,557	Lb.....	1,769,769	1,921,526	820,045	973,965
Sugarcane cut for sugar.....	319	279	Tons.....	6,301	6,532	37,820	43,763
Sugarcane or sorghum for sirup.....	73	47	Gal.....	7,799	8,824	8,818	6,608
Sugar beets harvested for sugar.....	662	864	Tons.....	9,944	13,638	107,593	152,323
Hops harvested.....	37	25	Lb.....	44,491	38,372	25,328	15,510
Irish potatoes harvested.....	<sup>10</sup> 1,514	<sup>10</sup> 1,211	Bu.....	366,336	340,188	468,074	440,904
Sweet potatoes harvested.....	<sup>10</sup> 392	<sup>10</sup> 261	do.....	39,424	27,397	83,030	68,249
All other.....						190,834	170,607
Vegetables harvested for sale <sup>2</sup> .....	3,865	3,740				607,018	645,095

See footnotes at end of table.

## No. 845.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND: 1949 AND 1954—Continued

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			VALUE (\$1,000)	
	1949	1954	Unit	1949	1954 <sup>11</sup>	1949	1954 <sup>11</sup>
All fruits and nuts and horticultural specialties.....	5,143	4,429				1,367,153	1,658,145
Strawberries.....	102	80	Qt.....	168,708	206,464	50,089	59,474
Other berries and small fruits.....	116	110				29,310	40,646
Tree fruits, nuts and grapes (excl. nurseries).....	<sup>12</sup> 4,716	<sup>11</sup> 4,003				895,657	1,104,371
Apples.....			Bu.....	131,253	109,038	187,420	241,522
Peaches.....			do.....	55,457	55,125	80,485	108,622
Pears.....			do.....	26,899	26,771	36,629	55,134
Cherries.....			Lb.....	372,065	354,379	32,459	43,714
Plums and prunes.....			Bu.....	20,298	20,597	36,539	56,055
Grapes.....			Lb.....	5,018,655	4,835,851	98,202	121,218
Apriots.....			Bu.....	6,959	5,707	12,202	17,245
Oranges, including satsumas, tangerines, and mandarins.....			Tons.....	3,746	5,326	224,432	268,871
Grapefruit.....			do.....	1,164	1,766	58,151	39,569
Lemons.....			Field boxes.....	16,377	24,486	52,646	69,936
Limes.....			Lb.....	16,453	38,330	810	2,663
Pecans.....			do.....	61,054	28,578	12,521	8,651
Walnuts, English or Persian.....			do.....	153,860	129,177	24,634	22,678
Almonds.....			do.....	77,386	79,341	12,223	19,439
Filberts and hazelnuts.....			do.....	17,388	15,030	1,899	2,465
Tung nuts.....			do.....	157,585	114,780	4,728	3,443
All other.....						19,678	23,206
Horticultural specialties.....	208	235				392,098	453,654

<sup>1</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.

<sup>2</sup> Irish and sweetpotatoes included with Field crops, not with Vegetables.

<sup>3</sup> Excludes sweet corn, popcorn, Egyptian corn, kafir, and milo maize.

<sup>4</sup> Totals are for States for which data are available.

<sup>5</sup> Individual hay crops may include some duplication of acreage due to cutting of more than one crop during year.

<sup>6</sup> Includes grass silage converted to dry weight basis. See footnote 9.

<sup>7</sup> Includes hays listed above in those States where separate inquiries were not on the questionnaire.

<sup>8</sup> Silage crops other than corn and sorghums.

<sup>9</sup> Green weight.

<sup>10</sup> Excludes acreage for farms with less than 15 bushels harvested in 1949, and less than 20 in 1954.

<sup>11</sup> Except for horticultural specialties, figures exclude data for farms with less than 20 trees or grapevines.

<sup>12</sup> Excludes acreage on farms with less than ½ acre of fruit orchards, groves, vineyards, and planted nut trees.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 846.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1957

[For weights of units of measurement for principal products, see Appendix II. Number of pounds to a bushel of sorghums for grain, 56. Number of pounds to a bag of rice, 100. Acreage, production, and yield of all crops revised to Census data. See also *Historical Statistics, 1789-1945*, series E 181-230, for acreage harvested, production, and price data for corn, wheat, oats, barley, flaxseed, potatoes, sweetpotatoes, cotton, cottonseed, soybeans, and hay]

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
CORN						WHEAT				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel
1931-1935----	102,306	2,330,431	1,137,535	22.8	48.8	51,926	680,868	407,254	13.1	60.0
1936-1940----	90,790	2,347,110	1,432,758	25.9	61.0	57,687	795,913	614,156	13.8	77.2
1941-1945----	89,285	2,928,642	3,027,701	32.8	103	56,396	984,580	1,252,433	17.5	127
1946-1950----	84,533	3,097,911	4,705,268	36.6	156	70,312	1,184,740	2,398,373	16.9	201
1951-1955----	80,369	3,143,056	4,684,899	39.1	149	60,497	1,077,261	2,229,356	17.9	207
1950-----	81,818	3,074,914	4,707,393	37.6	153	61,607	1,019,344	2,042,296	16.5	200
1951-----	80,729	2,925,758	4,859,372	36.2	166	61,873	988,161	2,088,739	16.0	211
1952-----	80,940	3,261,994	5,039,902	40.7	153	71,130	1,306,440	2,729,402	18.4	209
1953-----	80,459	3,209,896	4,786,610	39.9	149	67,840	1,173,071	2,391,966	17.3	204
1954-----	80,186	3,057,891	4,377,977	38.1	143	54,356	983,900	2,082,485	18.1	212
1955-----	79,530	3,229,743	4,360,633	40.6	134	47,285	934,731	1,854,189	19.8	198
1956-----	75,634	3,455,283	4,459,465	45.7	129	49,784	1,004,272	1,974,174	20.2	197
1957 (prel.)--	72,656	3,402,832	3,991,111	46.8	117	43,664	947,102	1,839,440	21.7	194
OATS						RYE				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel
1931-1935----	37,597	978,920	252,598	25.9	25.9	2,980	33,134	13,888	11.1	41.9
1936-1940----	34,826	1,052,573	328,974	30.2	31.3	3,526	41,474	21,149	11.8	61.0
1941-1945----	39,350	1,267,222	759,269	32.2	59.9	2,800	34,344	28,118	12.3	82
1946-1950----	39,409	1,338,644	1,071,144	33.9	80.5	1,791	21,875	36,215	12.2	163
1951-1955----	37,915	1,312,192	950,458	34.6	73.0	1,678	22,309	29,489	13.2	137
1950-----	39,306	1,369,199	1,081,043	34.8	79.0	1,753	21,403	28,256	12.2	132
1951-----	35,233	1,277,647	1,048,524	36.3	82.1	1,722	21,517	33,033	12.5	154
1952-----	37,012	1,217,433	952,688	32.9	78.3	1,993	16,146	27,902	11.6	173
1953-----	37,536	1,153,205	853,906	30.7	74.0	1,430	18,894	24,727	13.2	131
1954-----	40,651	1,409,601	1,002,206	34.8	71.1	1,795	26,935	31,205	14.4	120
1955-----	39,243	1,503,074	894,964	38.3	59.5	2,049	29,055	30,576	14.2	106
1956-----	33,706	1,163,160	800,513	34.5	68.8	1,623	21,155	24,640	13.0	116
1957 (prel.)--	34,984	1,308,360	803,493	37.4	61.4	1,671	26,528	29,187	15.9	110
BARLEY						BUCKWHEAT				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel
1931-1935----	10,608	211,714	77,607	20.0	36.7	480	8,187	4,191	17.1	51.2
1936-1940----	11,034	243,144	113,228	22.0	46.6	401	6,446	4,143	16.1	64.3
1941-1945----	13,778	331,640	266,988	24.1	81	425	7,385	7,505	17.4	102
1946-1950----	10,853	280,661	361,352	25.8	129	348	5,891	8,021	17.3	131
1951-1955----	10,855	302,517	337,641	27.9	115	160	2,871	3,395	17.9	117
1950-----	11,155	303,772	357,587	27.2	118	253	4,424	4,892	17.5	111
1951-----	9,424	257,213	319,754	27.3	124	199	3,296	4,607	16.6	140
1952-----	8,236	228,168	308,044	27.7	135	163	3,232	4,554	19.8	141
1953-----	8,680	246,723	283,778	28.4	115	178	3,199	2,914	18.0	91.1
1954-----	13,370	379,254	408,828	28.4	108	150	2,692	2,649	17.9	98.4
1955-----	14,564	401,225	367,800	27.5	91.7	112	1,934	2,249	17.3	117
1956-----	12,940	376,873	370,752	29.1	98.4	110	2,032	2,425	18.5	119
1957 (prel.)--	15,000	435,695	379,477	29.0	87.1	109	1,871	2,156	17.2	115

<sup>1</sup> Values are based on season average prices; see notes on "Price" column.

<sup>2</sup> Season average price received by farmers. For certain years, prices for corn, wheat, oats, rye, and barley include an allowance for unredeemed loans and purchase agreement deliveries.

## No. 846.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1957—Continued

YEARLY AVERAGE OR YEAR	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
RICE, ROUGH					FLAXSEED					
	1,000 acres	1,000 bags	\$1,000	Pounds	Dollars per bag	1,000 acres	1,000 bushels	\$1,000	Bushels	Cents per bushel
1931-1935---	853	18, 214	25, 526	2, 135	1. 40	1, 778	10, 161	13, 201	5. 7	130
1936-1940---	1, 054	23, 782	38, 784	2, 256	1. 63	1, 662	14, 193	21, 715	8. 5	153
1941-1945---	1, 424	28, 617	106, 891	2, 010	3. 74	3, 952	35, 868	91, 690	9. 1	256
1946-1950---	1, 718	37, 116	184, 857	2, 161	5. 01	4, 134	40, 244	188, 915	9. 7	457
1951-1955---	2, 106	53, 442	268, 190	2, 549	5. 05	4, 484	37, 011	124, 779	8. 4	341
1950-----	1, 637	38, 820	197, 438	2, 371	5. 09	4, 090	40, 236	134, 531	9. 8	334
1951-----	1, 996	46, 089	222, 272	2, 309	4. 82	3, 904	34, 696	128, 841	8. 9	371
1952-----	1, 997	48, 193	282, 897	2, 413	5. 87	3, 304	30, 184	112, 458	9. 1	373
1953-----	2, 159	52, 834	274, 074	2, 447	5. 19	4, 570	37, 656	136, 926	8. 2	364
1954-----	2, 550	64, 193	293, 030	2, 517	4. 56	5, 663	41, 274	125, 937	7. 3	305
1955-----	1, 826	55, 902	268, 723	3, 061	4. 80	4, 981	41, 243	119, 734	8. 3	290
1956-----	1, 569	49, 459	240, 293	3, 151	4. 86	5, 548	48, 009	143, 723	8. 7	299
1957 (prel.)-	1, 340	43, 130	217, 087	3, 219	5. 03	4, 864	25, 754	77, 845	5. 3	302
POTATOES					SWEET POTATOES					
	1,000 acres	1,000 cwt.	\$1,000	Cwt.	Dollars per cwt.	1,000 acres	1,000 cwt.	\$1,000	Cwt.	Dollars per cwt.
1931-1935---	3, 509. 7	4 226, 511	199, 490	64. 5	0. 89	944. 6	42, 620	49, 967	45. 1	1. 18
1936-1940---	2, 906. 0	4 213, 065	238, 482	73. 4	1. 14	741. 1	34, 095	49, 110	45. 9	1. 45
1941-1945---	2, 809. 3	4 238, 417	488, 528	84. 9	2. 02	729. 3	36, 150	107, 166	47. 8	2. 04
1946-1950---	1, 992. 4	4 259, 156	563, 787	131. 7	2. 18	520. 1	27, 306	103, 162	52. 5	3. 78
1951-1955---	1, 421. 7	4 217, 029	479, 247	152. 6	2. 25	330. 0	17, 836	84, 248	54. 0	4. 82
1950-----	1, 697. 9	4 259, 112	394, 404	152. 6	1. 53	489. 4	27, 269	85, 589	55. 7	3. 14
1951-----	1, 348. 5	4 195, 776	527, 863	145. 2	2. 71	312. 0	15, 998	89, 055	51. 3	5. 57
1952-----	1, 397. 4	4 211, 095	685, 700	151. 1	3. 25	321. 5	16, 040	99, 005	49. 9	6. 17
1953-----	1, 536. 4	4 231, 679	304, 640	150. 8	1. 33	343. 0	18, 998	86, 835	55. 4	4. 57
1954-----	1, 412. 6	4 219, 547	474, 737	155. 4	2. 16	332. 1	17, 198	76, 302	51. 8	4. 44
1955-----	1, 413. 6	4 227, 046	404, 830	160. 6	1. 79	341. 4	20, 946	70, 043	61. 4	3. 34
1956-----	1, 355. 5	4 243, 710	488, 894	175. 9	2. 01	283. 7	16, 920	68, 283	59. 6	4. 04
1957 (prel.)-	1, 374. 8	4 236, 268	408, 329	171. 9	1. 73	285. 2	18, 053	71, 427	63. 3	3. 96
COTTON (EXCLUDING LINTERS) <sup>4</sup>					COTTONSEED					
	1,000 acres	1,000 bales <sup>5</sup>	\$1,000	Lb.	Cents per pound		1,000 short tons	\$1,000		Dol. per ton
1931-1935---	31, 671	12, 684	551, 305	190. 9	9. 16	-----	5, 505	95, 829	-----	19. 16
1936-1940---	27, 058	13, 534	646, 935	239. 1	9. 67	-----	5, 684	132, 166	-----	23. 49
1941-1945---	20, 619	11, 247	1, 110, 889	262. 4	19. 85	-----	4, 602	228, 712	-----	49. 83
1946-1950---	21, 421	12, 304	1, 974, 605	272. 9	32. 72	-----	4, 961	338, 783	-----	70. 96
1951-1955---	22, 678	15, 034	2, 504, 258	326. 3	34. 13	-----	6, 195	367, 108	-----	59. 23
1950-----	17, 843	10, 014	2, 005, 684	269. 0	40. 07	-----	4, 105	354, 593	-----	86. 40
1951-----	26, 949	15, 149	2, 368, 720	269. 4	37. 88	-----	6, 286	435, 891	-----	69. 30
1952-----	25, 921	15, 139	2, 617, 844	279. 9	34. 59	-----	6, 190	430, 959	-----	69. 60
1953-----	24, 341	16, 465	2, 654, 683	324. 2	32. 25	-----	6, 748	355, 252	-----	52. 60
1954-----	19, 251	13, 696	2, 301, 212	341. 0	33. 61	-----	5, 709	344, 175	-----	60. 30
1955-----	16, 928	14, 721	2, 379, 030	417. 0	32. 33	-----	6, 043	269, 262	-----	44. 60
1956-----	15, 615	13, 310	2, 112, 625	409. 0	31. 75	-----	5, 407	288, 864	-----	53. 40
1957 (prel.)-	13, 561	11, 010	1, 786, 899	390. 0	32. 5	-----	4, 527	230, 244	-----	50. 90

<sup>1</sup> Values are based on season average prices; see notes on "Price" column.<sup>2</sup> Season average price received by farmers. For certain years, prices for rice, flaxseed, cotton, and cottonseed include an allowance for unredeemed loans and purchase agreement deliveries.<sup>4</sup> Includes following quantities of potatoes not marketed and excluded in computing value (1,000 cwt.): 1931, 40; 1932, 1,305; 1937, 43; 1939, 774; 1943, 264; 1950, 741; 1951, 656; 1953, 3,068; 1955, 1,147; 1957, 545.<sup>5</sup> State production figures, which conform with Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for United States totals.<sup>6</sup> Bales of 500 pounds, gross weight.<sup>7</sup> Average price to Dec. 1.



**No. 846.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1957—Continued**

YEARLY AVERAGE OR YEAR	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
SORGHUMS FOR GRAIN						PEANUTS (PICKED AND THRESHED)				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bu. <sup>3</sup>	1,000 acres <sup>10</sup>	1,000 pounds	\$1,000	Lb.	Cents per lb. <sup>11</sup>
1931-1935.....	4,038	53,843	23,763	13.3	44.1	1,434	996,762	24,907	695.2	2.50
1936-1940.....	4,708	61,306	31,926	13.0	52.1	1,770	1,352,243	45,952	764	3.40
1941-1945.....	6,921	122,755	111,216	17.7	90.6	3,002	1,993,497	138,650	664	6.96
1946-1950.....	7,283	142,531	179,801	19.2	133	2,877	2,091,121	213,426	742	10.2
1951-1955.....	8,947	169,429	208,998	18.7	129	1,599	1,429,073	160,685	894	11.3
1950.....	10,346	233,536	245,342	22.6	105	2,262	2,035,285	221,881	900	10.9
1951.....	8,544	162,863	215,468	19.1	132	1,982	1,658,885	173,240	837	10.4
1952.....	5,326	90,741	142,221	17.0	157	1,443	1,355,800	147,511	940	10.9
1953.....	6,295	115,719	152,036	18.4	131	1,515	1,574,175	174,742	1,039	11.1
1954.....	11,702	235,295	295,752	20.1	126	1,987	1,008,495	122,792	727	12.2
1955.....	12,866	242,526	239,515	18.9	98.1	1,669	1,548,010	135,140	928	11.7
1956.....	9,342	206,205	237,392	22.1	115	1,385	1,607,210	179,887	1,160	11.2
1957 (prel.).....	19,475	561,977	488,009	28.9	86.8	1,554	1,504,850	157,706	968	10.5
BEANS, DRY, EDIBLE <sup>11</sup>						SOYBEANS (FOR BEANS)				
	1,000 acres	1,000 bags <sup>12</sup>	\$1,000	Lb.	Dollars per bag	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bu. <sup>11</sup>
1931-1935.....	1,687	11,687	31,127	739.2	2.66	1,531	23,597	17,616	15.4	75
1936-1940.....	1,709	14,094	47,639	881.7	3.38	3,420	61,905	53,373	18.1	86
1941-1945.....	1,958	16,219	91,725	807	5.22	9,433	174,028	321,668	18.4	185
1946-1950.....	1,747	16,980	147,118	970	8.81	11,263	230,101	580,784	20.4	256
1951-1955.....	1,414	16,166	128,411	1,146	7.96	15,709	313,276	797,884	20.0	257
1950.....	1,511	15,123	111,861	1,001	7.40	13,807	299,249	737,760	21.7	247
1951.....	1,403	15,828	125,115	1,128	7.90	13,615	283,777	773,405	20.8	273
1952.....	1,253	14,917	129,308	1,191	8.67	14,435	298,839	811,376	20.7	272
1953.....	1,379	16,498	134,603	1,196	8.16	14,829	269,169	733,271	18.2	272
1954.....	1,533	16,939	136,289	1,105	8.05	17,947	341,075	840,767	20.0	247
1955.....	1,502	16,649	116,741	1,108	7.01	18,620	373,522	830,603	20.1	222
1956.....	1,423	17,218	118,949	1,210	6.91	20,642	449,446	980,747	21.8	218
1957 (prel.).....	1,363	15,771	111,951	1,157	7.10	20,738	479,841	1,004,934	23.1	209
HAY						TOBACCO				
	1,000 acres	1,000 tons	\$1,000	Short tons	Dollars per ton <sup>13</sup>	1,000 acres	1,000 pounds	\$1,000	Lb.	Cents per lb.
1931-1935.....	68,190	76,969	651,795	1.13	8.47	1,569	1,268,339	175,681	808	13.9
1936-1940.....	68,842	85,404	790,145	1.24	9.25	1,641	1,491,701	277,578	909	18.6
1941-1945.....	75,861	103,385	1,754,218	1.36	16.97	1,542	1,603,694	618,116	1,040	38.5
1946-1950.....	73,639	99,415	2,174,267	1.35	21.90	1,718	2,080,041	973,979	1,215	46.9
1951-1955.....	74,858	108,941	2,453,484	1.46	22.50	1,670	2,216,695	1,141,061	1,331	50.5
1950.....	75,150	103,820	2,221,644	1.38	21.40	1,599	2,029,557	1,048,545	1,269	51.7
1951.....	75,063	109,502	2,519,351	1.46	23.00	1,780	2,331,885	1,191,320	1,310	51.1
1952.....	75,147	106,386	2,637,330	1.42	24.80	1,772	2,256,073	1,125,022	1,273	49.9
1953.....	74,997	108,245	2,396,142	1.44	22.10	1,633	2,059,230	1,076,362	1,261	52.3
1954.....	73,721	107,634	2,372,369	1.46	22.00	1,668	2,243,735	1,146,830	1,346	51.1
1955.....	75,360	112,737	2,342,230	1.50	20.90	1,495	2,192,852	1,165,772	1,466	53.2
1956.....	73,302	108,680	2,303,616	1.48	21.20	1,365	2,179,003	1,169,795	1,597	53.7
1957 (prel.).....	73,776	121,402	2,286,350	1.65	18.80	1,123	1,680,108	958,052	1,496	57.0

<sup>1</sup> Values are based on season average prices; see notes on "Price" column.

<sup>2</sup> Season average price received by farmers. For certain years, prices for grain sorghums, dry edible beans, and soybeans include an allowance for unredeemed loans and purchase agreement deliveries. See also notes on prices for each crop.

<sup>3</sup> Based on reported price of grain sorghums.

<sup>10</sup> Equivalent solid acreage.

<sup>11</sup> Cleaned basis.

<sup>12</sup> Bags of 100 pounds.

<sup>13</sup> Beginning 1939, prices are for hay sold baled; prior years, for hay sold loose.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and annual summaries, *Crop Production and Crop Values*.

## No. 847.—WHEAT—SUPPLY AND DISAPPEARANCE: 1941 TO 1956

[In thousands of 60-pound bushels. For years beginning July 1. See also *Historical Statistics, 1789-1945*, series E 190-195]

ITEM	1941- 1945, average	1946- 1950, average	1951- 1955, average	1953	1954	1955	1956 (prel.)
Supply, total.....	1,467,748	1,410,297	1,738,052	1,784,152	1,921,603	1,980,842	2,045,340
Stocks, July 1, total.....	446,028	222,373	646,215	605,544	933,506	1,036,178	1,033,415
On farms.....	126,059	61,787	72,526	79,163	103,162	40,644	67,246
Interior mills, elevators, and warehouses.....	78,484	51,016	221,575	203,279	345,096	412,387	443,676
Commercial.....	135,872	73,753	239,845	256,330	310,715	380,409	332,323
Merchant mills.....	181,717	32,001	59,107	58,408	63,829	60,144	64,741
C. C. O. wheat in transit and in steel and wood bins.....	23,896	3,816	53,162	8,364	110,704	142,594	125,429
New crop.....	984,580	1,184,740	1,077,261	1,173,071	983,900	934,731	1,004,272
Imports <sup>2</sup> .....	37,140	3,184	14,576	5,537	4,197	9,933	7,653
Disappearance, total.....	1,078,650	1,127,967	965,127	850,646	885,425	947,427	1,136,627
Food.....	478,315	479,732	473,961	472,662	473,033	469,413	468,159
Feed.....	305,580	136,348	74,571	76,637	60,090	51,250	49,141
Military procurement.....	69,034	117,477	12,093	12,034	9,882	8,213	8,636
Exports and shipments.....	98,427	305,910	328,219	219,657	277,409	350,191	553,265
Other.....	127,294	88,500	76,283	69,656	65,011	68,360	57,426
Stocks, June 30 <sup>3</sup> .....	389,099	282,330	772,924	933,506	1,036,178	1,033,415	908,713

<sup>1</sup> Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1941-44.

<sup>2</sup> Imports comprise full duty wheat, wheat imported for feed and dutiable flour and other wheat products in terms of wheat.

<sup>3</sup> For individual items, see "Supply," above.

Source: Department of Agriculture, Agricultural Marketing Service, except for imports which are from Bureau of the Census; annual report, *Agricultural Statistics*, and *The Wheat Situation*.

## No. 848.—WHEAT FLOUR PRODUCTION, BY STATES: 1945 TO 1957

[In thousands of 100-pound sacks. Figures represent total wheat flour production of all commercial mills (excluding custom). Beginning 1951, estimates based on monthly reports of mills with daily capacity over 400 sacks]

STATE	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>United States.....</b>	<b>1,274,400</b>	<b>224,899</b>	<b>229,292</b>	<b>228,148</b>	<b>222,177</b>	<b>221,748</b>	<b>225,648</b>	<b>229,758</b>	<b>238,888</b>
California.....	4,945	4,607	4,896	5,257	5,824	5,368	5,741	5,826	5,875
Colorado.....	4,266	3,765	4,085	4,197	4,059	4,189	4,051	4,140	4,235
Illinois.....	14,741	12,434	13,344	13,685	13,774	14,292	14,912	14,466	15,137
Indiana.....	3,671	3,096	2,692	2,939	2,970	2,899	3,144	3,145	3,487
Iowa.....	4,407	3,125	3,070	3,251	3,523	3,819	4,325	4,400	4,558
Kansas.....	40,429	35,007	36,006	35,045	30,702	29,728	30,035	30,657	32,073
Michigan.....	4,065	4,276	4,105	5,002	5,562	5,657	5,834	5,578	5,734
Minnesota.....	35,139	27,893	28,929	29,067	27,741	26,467	26,108	25,530	26,725
Missouri.....	22,850	20,320	21,932	19,816	17,909	17,850	19,570	20,402	20,181
Montana.....	3,426	3,129	3,040	2,762	3,024	3,360	3,366	2,770	2,823
Nebraska.....	7,327	5,690	5,996	5,529	5,783	6,266	6,403	6,344	6,656
New York.....	32,028	27,011	26,320	27,850	28,157	27,861	25,633	28,096	29,238
North Dakota.....	4,089	2,701	2,748	2,530	2,783	2,905	2,866	2,932	3,156
Ohio.....	9,701	9,629	9,357	9,444	10,038	10,194	10,584	10,459	10,820
Oklahoma.....	12,037	10,483	9,776	9,941	9,376	9,349	9,871	9,800	10,442
Oregon.....	7,617	4,631	5,707	5,582	5,427	5,778	6,434	6,776	7,057
Texas.....	18,888	13,446	12,417	12,262	12,023	11,268	12,217	13,180	14,057
Utah.....	3,344	3,811	4,087	4,292	4,841	4,911	4,811	5,376	5,743
Washington.....	13,216	9,118	9,645	9,562	8,756	9,740	9,534	9,406	9,061
Other States.....	23,618	20,727	21,090	20,185	19,895	19,844	20,204	20,475	21,830

<sup>1</sup> Includes 4,596,000 sacks not distributed by State.

Source: Department of Commerce, Bureau of the Census. Monthly data are published in *Facts for Industry*, Series M20A.

## No. 849.—WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1946 TO 1957

[Pounds per bushel, 60]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
U. S. ....	1,000 65,404 acres	1,000 49,784 acres	1,000 43,664 acres	17.4 Bu.	20.2 Bu.	21.7 Bu.	1,131,000 bu.	1,004,272 bu.	947,102 bu.	1.97 Ct. per bu.	1.94 Ct. per bu.	1,974,174 \$1,000	1,839,440 \$1,000
<b>M. A.:</b>													
N. Y. ....	385	310	245	27.9	31.0	33.0	10,726	9,610	8,085	200	200	19,220	16,170
N. J. ....	73	52	50	25.3	29.0	23.5	1,823	1,508	1,475	201	195	3,031	2,876
Pa. ....	840	577	548	23.4	27.0	26.0	19,425	15,579	14,248	195	190	30,379	27,071
<b>E. N. C.:</b>													
Ohio. ....	2,061	1,526	1,495	24.8	26.0	22.0	50,834	39,676	32,890	199	200	78,955	65,780
Ind. ....	1,508	1,186	1,269	23.7	30.5	25.5	35,497	36,173	32,360	194	195	70,176	63,102
Ill. ....	1,649	1,623	1,769	23.5	37.5	21.0	39,280	60,862	37,149	192	195	116,855	72,441
Mich. ....	1,204	1,043	991	26.8	30.0	29.0	32,201	31,290	28,739	200	205	62,580	58,915
Wis. ....	88	54	54	24.3	26.7	25.5	2,148	1,440	1,377	192	185	2,770	2,547
<b>W. N. C.:</b>													
Minn. ....	1,041	727	699	17.0	23.7	22.6	17,673	17,218	15,780	208	205	35,882	32,275
Iowa. ....	199	120	140	21.0	19.8	26.6	4,131	2,375	3,744	197	195	4,679	7,301
Mo. ....	1,424	1,660	1,643	21.6	30.5	23.0	30,959	50,630	37,789	191	190	96,703	71,799
N. Dak. ....	9,482	6,889	6,296	12.5	17.2	18.8	118,467	118,824	118,144	205	201	243,539	237,620
S. Dak. ....	3,503	1,711	1,978	11.4	9.7	20.2	40,069	16,537	40,037	201	196	33,241	78,501
Nebr. ....	3,938	3,324	2,925	20.3	19.5	26.9	79,801	64,698	78,821	199	190	128,741	149,748
Kans. ....	12,233	9,244	5,269	15.8	15.5	19.0	194,917	143,282	100,111	200	195	286,564	195,216
<b>S. A.:</b>													
Del. ....	54	31	29	20.2	31.0	22.0	1,060	961	638	191	190	1,836	1,212
Md. ....	277	172	158	20.8	27.5	21.5	5,620	4,730	3,397	189	190	8,940	6,454
Va. ....	377	268	249	20.6	27.0	19.0	7,588	7,236	4,731	200	200	14,472	9,462
W. Va. ....	63	37	29	20.3	24.0	21.0	1,204	888	609	193	195	1,714	1,188
N. C. ....	384	368	350	18.6	25.5	19.0	7,144	9,384	6,650	195	195	18,299	12,968
S. C. ....	170	179	195	16.8	23.0	18.0	2,847	4,117	3,510	193	190	7,946	6,669
Ga. ....	134	120	112	15.6	21.0	16.5	2,091	2,520	1,848	195	190	4,914	3,511
<b>E. S. C.:</b>													
Ky. ....	266	207	209	18.1	26.5	19.5	4,751	5,486	4,076	196	195	10,753	7,948
Tenn. ....	256	205	205	16.0	32.5	17.0	4,063	4,715	3,485	197	195	9,289	6,796
Ala. ....	18	80	130	18.0	23.0	18.0	327	1,840	2,340	185	180	3,404	4,212
Miss. ....	16	18	162	22.4	28.0	23.0	383	504	3,726	186	175	937	6,520
<b>W. S. C.:</b>													
Ark. ....	41	96	163	17.4	28.5	20.0	770	2,736	3,260	188	180	5,144	5,868
La. ....	<sup>2</sup> 17	35	84	22.0	20.0	16.0	<sup>2</sup> 374	700	1,344	187	175	1,309	2,352
Okla. ....	5,439	4,198	3,442	12.9	16.5	12.5	72,900	69,267	43,025	197	195	136,456	83,899
Tex. ....	4,022	2,111	2,322	10.8	12.5	14.5	47,339	26,388	33,669	195	190	51,457	63,971
<b>Mt.:</b>													
Mont. ....	5,070	4,780	4,235	17.0	18.2	19.8	86,019	86,983	83,815	190	184	165,254	154,196
Idaho. ....	1,430	1,200	1,144	27.8	32.5	37.0	39,528	38,980	42,350	184	182	71,870	77,225
Wyo. ....	339	283	288	18.2	18.2	22.1	6,166	5,145	6,376	188	179	9,695	11,431
Colo. ....	2,457	1,678	1,380	16.4	11.2	24.5	41,278	17,652	33,854	190	185	33,478	62,574
N. Mex. ....	285	129	122	8.3	8.6	16.1	2,795	1,107	1,962	190	189	2,103	3,717
Ariz. ....	25	58	63	25.1	30.0	34.0	617	1,740	2,142	190	205	3,306	4,391
Utah. ....	394	335	279	20.3	22.0	23.5	7,984	7,354	6,559	184	188	13,529	12,828
Nev. ....	17	13	18	28.0	34.7	35.6	471	451	640	178	186	801	1,190
<b>Pac.:</b>													
Wash. ....	2,634	2,028	1,897	27.4	29.5	36.5	72,058	59,826	69,333	193	200	115,465	138,666
Oreg. ....	1,018	816	745	26.3	31.4	36.0	26,813	25,607	26,788	203	210	51,982	56,255
Calif. ....	588	393	283	19.0	21.0	22.0	11,137	8,253	6,226	200	210	16,506	13,075

<sup>1</sup> Season average price received by farmers. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.<sup>2</sup> 1955 only.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production* and *Crop Values*.

## No. 850.—CORN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1946 TO 1957

[Pounds per bushel, 56. Covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing ears, as well as that husked and snapped for grain]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
U. S.-----	1,000 acres 82,451	1,000 acres 75,634	1,000 acres 72,656	Bu. 37.8	Bu. 45.7	Bu. 46.8	1,000 bu. 3,120,484	1,000 bu. 3,455,283	1,000 bu. 3,402,832	Ct. per bu. 129	Ct. per bu. 117	\$1,000 4,459,465	\$1,000 3,991,111
<b>N. E.:</b>													
Maine-----	13	11	11	35.7	31.0	40.0	464	341	440	170	165	580	726
N. H.-----	12	9	10	44.4	40.0	46.0	542	360	460	163	160	587	736
Vt.-----	60	59	59	47.1	45.0	50.0	2,821	2,655	2,950	163	160	4,328	4,720
Mass.-----	34	28	30	48.9	47.0	50.0	1,639	1,316	1,500	163	160	2,145	2,400
R. I.-----	7	6	6	42.3	42.0	42.0	300	252	252	163	160	411	403
Conn.-----	40	39	40	46.3	49.0	47.0	1,855	1,911	1,880	163	160	3,115	3,008
<b>M. A.:</b>													
N. Y.-----	663	696	689	43.5	49.0	51.0	28,930	34,104	35,139	137	130	46,722	45,681
N. J.-----	188	188	164	47.0	64.0	29.0	8,827	12,032	4,756	141	140	16,965	6,658
Pa.-----	1,335	1,281	1,243	46.3	56.0	43.0	61,817	71,736	53,449	143	140	102,582	74,829
<b>E. N. C.:</b>													
Ohio-----	3,578	3,595	3,343	53.0	60.0	54.0	190,334	215,700	180,522	128	120	276,096	216,626
Ind.-----	4,635	4,734	4,450	51.6	62.0	59.0	239,414	293,508	262,550	127	115	372,755	301,932
Ill.-----	8,977	8,712	8,276	53.5	68.0	64.0	481,137	592,416	529,664	131	120	776,065	635,597
Mich.-----	1,731	2,004	1,844	41.2	51.0	49.5	71,714	102,204	91,278	123	115	125,711	104,970
Wis.-----	2,571	2,740	2,685	50.4	61.0	58.5	129,429	167,140	157,072	120	115	200,568	180,633
<b>W. N. C.:</b>													
Minn.-----	5,440	5,734	5,791	45.1	57.5	56.5	245,618	329,705	327,192	122	105	402,240	343,552
Iowa-----	10,740	10,067	10,168	50.6	53.0	60.5	544,574	533,551	615,164	131	115	698,952	707,439
Mo.-----	4,119	3,946	3,433	35.8	48.0	44.0	147,613	189,408	151,052	132	115	250,019	173,710
N. Dak.-----	1,209	1,328	1,328	20.8	24.0	26.0	25,202	31,872	34,528	114	105	36,334	36,254
S. Dak.-----	3,917	3,784	3,935	26.8	28.0	33.0	104,544	105,952	129,855	118	100	125,023	129,855
Nebr.-----	7,074	5,312	4,940	29.2	22.0	45.0	207,417	116,804	222,300	136	115	158,935	255,645
Kans.-----	2,393	1,527	1,527	24.2	21.0	29.0	58,182	32,067	44,283	135	115	43,290	50,925
<b>S. A.:</b>													
Del.-----	152	150	144	40.5	65.0	30.0	6,248	9,750	4,320	132	135	12,870	5,832
Md.-----	479	477	453	44.1	60.0	33.5	21,134	28,620	15,176	133	135	38,065	20,488
Va.-----	978	822	797	37.8	48.0	26.5	37,018	39,456	21,120	136	140	53,660	29,568
W. Va.-----	237	170	148	40.2	50.0	42.0	9,512	8,500	6,216	149	150	12,665	9,924
N. C.-----	2,177	1,968	1,850	29.4	41.0	32.5	64,145	80,688	60,125	129	130	104,088	78,162
S. C.-----	1,302	975	916	19.2	21.0	26.0	25,089	20,475	23,816	134	135	27,436	32,152
Ga.-----	3,037	2,711	2,738	16.2	24.0	26.0	48,978	65,064	71,188	124	125	80,679	88,985
Fla.-----	608	580	557	14.6	21.0	24.0	8,873	12,180	13,368	117	120	14,251	16,042
<b>E. S. C.:</b>													
Ky.-----	2,157	1,836	1,579	35.6	46.0	41.0	76,995	84,456	64,739	132	130	111,482	84,161
Tenn.-----	2,032	1,716	1,459	28.8	32.5	31.0	58,540	55,770	45,229	134	135	74,732	61,059
Ala.-----	2,485	2,267	2,222	18.8	25.0	26.0	46,474	55,675	57,772	121	120	68,577	69,326
Miss.-----	1,938	1,566	1,503	20.4	25.0	25.0	39,224	39,150	37,675	121	120	47,372	45,090
<b>W. S. C.:</b>													
Ark.-----	1,057	670	516	20.2	27.0	27.0	21,581	18,090	13,932	123	120	22,251	16,718
La.-----	765	626	588	19.1	26.5	23.0	14,244	16,589	13,524	124	130	20,670	17,831
Okla.-----	856	321	234	18.5	16.5	21.0	16,371	5,296	4,914	142	125	7,520	6,142
Tex.-----	2,392	1,831	1,703	18.4	15.0	23.5	43,882	27,465	40,020	144	120	39,550	48,024
<b>Mt.:</b>													
Mont.-----	172	171	183	16.0	17.5	21.0	2,756	2,992	3,843	139	135	4,159	5,188
Idaho-----	34	59	60	54.0	66.0	68.0	1,853	3,894	4,080	155	150	6,036	6,120
Wyo.-----	56	64	65	19.2	22.0	27.0	1,075	1,408	1,755	140	130	1,971	2,282
Colo.-----	509	408	486	27.0	42.5	51.5	13,531	17,340	25,029	143	125	24,796	31,286
N. Mex.-----	74	58	52	16.2	23.0	28.5	1,171	1,334	1,482	163	130	2,174	1,927
Ariz.-----	34	45	40	14.9	33.0	37.5	525	1,485	1,500	176	160	2,614	2,400
Utah-----	32	44	48	41.8	58.0	56.0	1,396	2,552	2,688	163	155	4,160	4,166
Nev.-----	3	4	4	36.1	50.0	54.0	96	200	216	171	150	342	324
<b>Pac.:</b>													
Wash.-----	24	39	44	60.6	72.0	81.0	1,470	2,808	3,564	158	140	4,437	4,960
Oreg.-----	28	40	36	45.8	60.0	70.0	1,290	2,400	2,520	170	155	4,080	3,906
Calif.-----	96	216	259	42.8	72.0	65.0	4,637	15,552	16,835	164	140	25,505	23,599

<sup>1</sup> Season average price received by farmers. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

# No. 851.—CORN—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1957

[In thousands of bushels. For years beginning October 1]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance <sup>1</sup>	Exports <sup>2</sup>	Imports <sup>3</sup>	Ending stocks
1931-1935.....	2,330,431	2,333,462	7,321	11,897	247,074
1936-1940.....	2,347,110	2,220,407	54,607	21,662	468,627
1941-1945.....	2,928,642	2,987,865	22,312	2,264	318,575
1946-1950.....	3,097,911	2,885,300	99,763	690	560,737
1951-1955.....	3,143,056	2,948,289	110,606	1,034	875,251
1945.....	2,868,795	2,981,774	31,069	595	171,820
1946.....	3,217,076	2,969,775	136,463	560	263,218
1947.....	2,354,739	2,500,271	14,911	698	123,473
1948.....	3,605,078	2,797,869	118,395	724	813,012
1949.....	3,237,749	3,094,867	112,157	729	844,466
1950.....	3,074,914	3,063,716	116,887	741	739,518
1951.....	2,925,758	3,097,456	51,580	581	487,121
1952.....	3,291,994	2,865,624	145,279	925	769,187
1953.....	3,206,896	2,956,822	108,654	1,124	919,081
1954.....	3,057,891	2,841,263	102,634	1,138	1,034,823
1955.....	3,229,743	2,980,288	119,883	1,100	1,165,495
1956.....	3,455,283	3,018,810	189,735	920	1,419,153
1957 (prel.).....	3,402,832	(4)	(4)	(4)	(4)

<sup>1</sup> Total disappearance, minus exports of corn and grain equivalent of cornmeal and flour.

<sup>2</sup> Compiled from reports of the Bureau of Foreign Commerce, Bureau of the Census, and Price Waterhouse and Company. Includes grain equivalent of cornmeal and flour. Includes corn, cornmeal, grits, and wet-process products. Includes exports for military civilian feeding.

<sup>3</sup> Compiled from reports of the Bureau of Foreign Commerce and Bureau of the Census. Includes grain equivalent of cornmeal and flour.

<sup>4</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.

# No. 852.—RICE, ROUGH—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1957

[In thousands of hundredweight. For years beginning August 1]

YEARLY AVERAGE OR YEAR	Production <sup>1</sup>	Domestic disappearance	Exports	Imports	Ending stocks
1931-1935.....	18,214	17,238	2,461	723	1,947
1936-1940.....	23,782	20,722	4,101	1,251	3,859
1941-1945.....	28,624	20,154	8,450	93	1,507
1946-1950.....	37,152	22,699	13,823	188	2,367
1951-1955.....	53,505	26,239	20,966	314	14,480
1945.....	30,704	19,615	11,469	127	1,255
1946.....	32,538	20,165	12,291	9	596
1947.....	35,261	22,040	13,055	27	748
1948.....	38,328	22,092	14,378	53	2,605
1949.....	40,789	23,445	16,224	62	3,469
1950.....	38,845	25,752	13,167	787	4,519
1951.....	46,121	24,416	24,058	542	2,040
1952.....	48,271	24,412	25,122	350	1,515
1953.....	52,918	25,311	22,708	417	7,546
1954.....	64,248	27,978	14,286	65	26,700
1955.....	55,960	29,079	18,656	194	34,600
1956.....	49,498	27,027	37,650	325	20,089
1957 (prel.).....	43,157	27,196	19,000	200	17,250

<sup>1</sup> Beginning 1945, includes production for minor rice-producing States.

Source: Department of Agriculture, Agricultural Marketing Service.

No. 853.—BARLEY AND RICE—ACREAGE, PRODUCTION, AND VALUE, BY STATES:  
1946 TO 1957

[Pounds per bushel of barley, 48; rice, 100-lb. bags]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1946-1955, avg.	1956	1957 (prel.)	1946-1957, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
BARLEY	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents per bu	Cents per bu.	\$1,000	\$1,000
U. S.-----	10,854	12,940	15,000	26.8	29.1	29.0	291,539	376,873	435,695	98	87	370,752	379,477
N. E.:													
Maine-----	3	1	1	28.9	40.0	34.0	102	40	34	118	105	47	36
M. A.:													
N. Y.-----	77	64	49	30.9	37.0	39.0	2,369	2,368	1,911	102	92	2,415	1,758
N. J.-----	18	25	25	36.0	39.5	40.5	638	988	1,012	101	93	998	941
Pa.-----	163	225	218	36.6	38.0	38.0	6,038	8,550	8,284	97	90	8,294	7,456
E. N. C.:													
Ohio-----	37	108	112	30.8	35.0	31.0	1,266	3,780	3,472	89	83	3,364	2,882
Ind.-----	32	82	108	27.5	34.0	28.5	952	2,788	3,078	89	86	2,481	2,647
Ill.-----	47	143	150	30.4	36.0	23.0	1,471	5,148	3,450	105	90	5,405	3,105
Mich.-----	108	94	85	31.8	31.0	33.5	3,448	2,914	2,848	92	84	2,681	2,392
Wis.-----	146	73	52	36.4	36.0	35.0	5,346	2,628	1,820	110	105	2,891	1,911
W. N. C.:													
Minn.-----	1,113	975	819	26.2	29.0	25.0	29,190	28,275	20,475	96	87	27,144	17,813
Iowa-----	26	22	28	28.1	22.5	31.0	740	495	868	99	86	490	746
Mo.-----	149	438	359	24.4	27.0	22.0	3,927	11,826	7,898	92	90	10,880	7,108
N. Dak.-----	2,419	3,123	3,498	21.0	24.0	21.5	51,303	74,952	75,207	93	85	69,705	63,926
S. Dak.-----	951	434	529	18.8	15.5	23.0	18,482	6,727	12,167	92	81	6,189	9,855
Nebr.-----	308	190	239	19.5	12.0	31.0	6,066	2,280	7,409	102	79	2,326	5,853
Kans.-----	288	578	688	17.4	18.0	22.0	5,334	10,404	15,136	93	83	9,676	12,563
S. A.:													
Del.-----	12	14	16	30.2	41.0	34.0	354	574	544	96	86	551	468
Md.-----	77	88	86	33.9	40.0	36.0	2,604	3,520	3,096	96	87	3,379	2,694
Va.-----	90	118	118	32.9	40.0	31.0	2,980	4,720	3,658	102	95	4,814	3,475
W. Va.-----	12	13	11	31.9	37.0	32.0	376	481	352	108	99	519	343
N. C.-----	42	62	67	29.1	37.0	28.0	1,239	2,294	1,876	104	100	2,386	1,876
S. C.-----	20	33	46	24.0	30.0	26.0	475	990	1,196	110	100	1,089	1,196
Ga.-----	6	12	13	22.8	28.0	26.0	150	336	338	113	106	380	358
E. S. C.:													
Ky.-----	73	104	108	25.6	31.5	24.5	1,870	3,276	2,646	94	91	3,079	2,408
Tenn.-----	77	83	86	19.4	24.0	19.5	1,501	1,992	1,677	99	99	1,972	1,660
Miss.-----	6	20	18	25.0	32.0	25.0	142	640	450	88	76	563	342
W. S. C.:													
Ark.-----	10	46	55	21.6	27.5	19.5	227	1,265	1,072	102	90	1,290	965
Okla.-----	95	268	375	15.8	14.5	18.5	1,528	3,886	6,938	93	80	3,614	5,550
Tex.-----	120	145	261	15.6	16.0	21.0	1,906	2,320	5,481	98	86	2,274	4,714
Mt.:													
Mont.-----	793	1,043	1,721	26.2	28.5	26.5	20,939	29,726	45,606	83	70	24,673	31,924
Idaho-----	390	502	577	33.9	32.5	35.0	13,168	16,315	20,195	92	81	15,010	16,358
Wyo.-----	132	100	112	29.2	27.0	37.0	3,876	2,700	4,144	103	84	2,781	3,481
Colo.-----	481	319	597	24.6	25.0	30.5	11,943	7,975	18,205	107	76	8,533	13,838
N. Mex.-----	23	20	21	25.6	28.0	32.0	585	560	672	105	96	588	645
Ariz.-----	141	173	180	50.6	60.0	59.0	7,292	10,880	10,620	109	110	11,314	11,682
Utah-----	139	139	190	43.4	46.0	45.0	6,016	6,894	8,550	106	97	6,778	8,294
Nev.-----	20	20	18	35.4	38.0	41.0	703	760	738	119	107	904	790
Pac.:													
Wash.-----	230	635	781	34.0	35.0	41.0	7,443	22,225	32,021	97	86	21,558	27,538
Oreg.-----	354	570	616	34.4	37.5	35.5	12,152	21,875	21,868	104	95	22,230	20,775
Calif.-----	1,623	1,838	1,967	34.0	37.0	40.0	55,408	68,006	78,680	111	98	75,487	77,106
RICE (ROUGH)	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	1,000 bags	1,000 bags	1,000 bags	Dollars per bag	Dollars per bag	\$1,000	\$1,000
U. S.-----	1,912	1,569	1,340	2,355	3,151	3,219	45,279	49,459	43,130	4.86	5.03	240,293	217,087
Mo.-----	<sup>2</sup> 3	4	<sup>4</sup> 2,532	3,000	3,300	<sup>2</sup> 83	132	129	4.60	4.70	607	606	
Miss.-----	<sup>2</sup> 37	44	31 <sup>2</sup> 2,600	2,850	3,200	<sup>2</sup> 956	1,254	992	5.02	5.10	6,295	5,059	
Ark.-----	436	382	332	2,283	3,200	3,325	10,034	12,224	11,039	4.93	4.95	60,264	54,643
La.-----	602	450	400	2,010	2,700	2,650	12,075	12,150	10,600	4.80	5.20	58,320	55,120
Tex.-----	525	403	347	2,365	2,900	3,200	12,491	11,687	11,104	5.26	5.40	61,474	59,962
Calif.-----	321	286	226	3,134	4,200	4,100	9,951	12,012	9,266	4.44	4.50	53,333	41,697

<sup>1</sup> Season average price received by farmers. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.<sup>2</sup> Short-time average.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production* and *Crop Values*.

## No. 854.—OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1946 TO 1957

[Pounds per bushel, 32]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Ct. per bu.	Ct. per bu.	\$1,000	\$1,000
U. S.....	38,662	33,706	34,984	34.3	34.5	37.4	1,325,418	1,163,160	1,308,360	69	61	800,513	803,493
<b>N. E.:</b>													
Maine.....	81	73	83	38.6	56.0	52.0	3,145	4,088	4,316	76	70	3,107	3,021
N. H.....	3	1	1	35.6	40.0	41.0	118	40	41	99	95	40	39
Vt.....	24	11	13	35.5	39.0	44.0	807	429	572	99	95	425	543
Mass.....	4	2	2	36.0	42.0	38.0	132	84	76	99	95	83	72
Conn.....	3	1	1	32.4	39.0	30.0	91	39	30	99	95	39	28
<b>M. A.:</b>													
N. Y.....	698	561	668	38.0	44.0	53.0	26,820	24,684	35,404	80	72	19,747	25,491
N. J.....	37	34	32	35.4	38.5	31.0	1,305	1,309	992	79	81	1,034	804
Pa.....	753	761	776	36.2	38.0	39.0	27,393	28,918	30,264	79	76	22,845	23,001
<b>E. N. C.:</b>													
Ohio.....	1,131	1,101	1,112	40.4	43.0	38.0	46,399	47,343	42,256	71	68	33,614	28,734
Ind.....	1,382	1,250	1,062	38.6	45.0	34.0	40,627	56,250	36,108	67	66	37,688	23,831
Ill.....	3,476	3,057	2,751	41.4	47.0	39.0	144,162	143,679	107,289	67	62	96,265	66,519
Mich.....	1,940	1,025	1,035	37.7	34.0	39.5	50,672	34,850	40,882	70	65	24,395	26,573
Wis.....	2,878	2,750	2,698	44.9	46.0	52.5	129,195	126,500	140,070	69	63	87,285	88,244
<b>W. N. C.:</b>													
Minn.....	5,014	4,297	3,996	37.7	39.0	42.0	188,798	167,583	167,832	63	55	105,577	92,308
Iowa.....	5,911	4,986	5,235	37.0	31.0	41.5	219,464	154,566	217,252	72	80	111,288	130,351
Mo.....	1,364	1,303	1,108	27.8	31.0	31.0	38,430	40,393	34,348	68	65	27,467	22,326
N. Dak.....	1,998	1,623	1,834	26.6	29.5	32.0	53,324	47,878	58,688	54	47	25,854	27,583
S. Dak.....	3,418	2,323	3,159	28.3	20.0	35.0	96,289	46,460	110,565	63	52	29,270	57,494
Nebr.....	2,324	1,299	1,546	24.6	12.0	33.5	57,892	15,588	51,791	76	61	11,847	31,593
Kans.....	1,050	1,078	1,121	24.0	21.5	30.5	26,017	23,177	34,190	73	61	16,919	20,856
<b>S. A.:</b>													
Del.....	7	8	8	33.4	42.0	32.0	243	336	256	74	72	249	184
Md.....	50	66	63	35.2	37.5	36.5	1,799	2,475	2,300	76	73	1,881	1,679
Va.....	125	139	133	33.0	38.0	30.0	4,159	5,282	3,990	75	73	3,962	2,913
W. Va.....	46	33	34	32.2	33.0	36.0	1,462	1,089	1,224	84	84	915	1,028
N. C.....	357	492	458	31.9	40.0	30.5	11,451	19,680	13,969	70	70	13,776	9,778
S. C.....	508	551	551	27.8	36.0	29.5	14,100	19,836	16,254	73	71	14,480	11,540
Ga.....	431	433	394	27.1	33.0	28.0	11,683	14,289	11,032	77	78	11,003	8,605
Fla.....	26	32	28	21.4	20.0	22.0	590	640	616	90	95	576	555
<b>E. S. C.:</b>													
Ky.....	76	72	54	26.6	33.0	26.5	2,067	2,376	1,431	72	74	1,711	1,059
Tenn.....	202	248	206	27.8	33.0	25.5	5,634	8,184	5,253	80	80	6,547	4,202
Ala.....	132	165	120	26.5	34.0	25.0	3,498	5,610	3,000	83	79	4,656	2,370
Miss.....	243	341	341	31.2	45.0	37.0	7,655	15,345	12,617	72	68	11,048	8,580
<b>W. S. C.:</b>													
Ark.....	240	442	398	31.6	42.0	29.0	7,924	18,564	11,542	65	68	12,067	7,849
La.....	78	112	95	28.0	31.0	27.0	2,235	3,472	2,565	73	75	2,535	1,924
Okl.....	667	683	731	19.7	19.0	20.0	13,679	12,977	14,620	75	65	9,733	9,503
Tex.....	1,172	1,065	1,640	21.3	18.0	21.5	25,473	19,170	35,260	76	69	14,569	24,329
<b>Mt.:</b>													
Mont.....	285	202	279	33.0	35.0	34.0	9,438	7,070	9,486	57	51	4,080	4,838
Idaho.....	186	188	173	44.0	45.0	47.5	8,186	8,460	8,218	66	61	5,584	5,013
Wyo.....	137	100	120	30.2	31.0	36.0	4,158	3,100	4,320	75	64	2,325	2,765
Colo.....	171	111	171	30.4	31.5	35.5	5,228	3,496	6,070	80	68	2,797	4,128
N. Mex.....	28	14	19	22.2	22.0	27.0	594	308	513	91	81	280	416
Ariz.....	11	10	10	42.4	60.0	60.0	461	600	600	94	91	564	546
Utah.....	42	34	39	45.0	51.0	52.0	1,898	1,734	2,028	82	79	1,422	1,002
Nev.....	6	5	5	40.9	48.0	46.0	202	240	230	88	80	211	184
<b>Pac.:</b>													
Wash.....	154	148	189	47.0	47.0	51.0	7,213	6,956	9,639	73	63	5,078	6,073
Oreg.....	313	279	299	30.1	42.0	36.0	9,379	11,709	10,779	72	65	8,430	7,006
Calif.....	180	197	223	30.2	32.0	34.0	5,446	6,304	7,582	84	71	5,295	5,383

<sup>1</sup> Season average price received by farmers. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Value*.

NO. 855.—RYE AND SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE,  
BY STATES: 1946 TO 1957  
[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1946- 1955, avg.	1956	1957 (prel.)	1946- 1955, avg.	1956	1957 (prel.)	1946- 1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
RYE	1,000 acres	1,000 acres	1,000 acres	Bu. 12.7	Bu. 13.0	Bu. 15.9	1,000 bu. 22,092	1,000 bu. 21,155	1,000 bu. 26,528	Cents per bu. 116	Cents per bu. 110	\$1,000 24,640	\$1,000 29,187
U. S. ....	1,734	1,623	1,671	12.7	13.0	15.9	22,092	21,155	26,528	116	110	24,640	29,187
New York.....	14	15	16	19.2	20.5	23.0	260	308	368	113	101	348	372
New Jersey.....	12	14	13	18.8	21.5	21.0	221	301	273	119	108	358	295
Pennsylvania.....	16	24	24	17.2	21.0	23.0	270	504	552	131	125	660	690
Ohio.....	25	26	30	17.8	19.0	17.5	454	494	525	105	111	519	583
Indiana.....	67	63	75	14.8	20.0	15.0	1,028	1,260	1,125	115	120	1,449	1,350
Illinois.....	58	68	81	14.6	19.0	15.0	887	1,292	1,215	113	108	1,460	1,312
Michigan.....	56	45	48	14.7	17.0	18.0	831	765	864	120	111	918	959
Wisconsin.....	73	35	30	12.2	13.0	12.0	883	455	360	115	110	523	396
Minnesota.....	151	99	72	14.5	16.0	15.0	2,205	1,584	1,080	114	110	1,806	1,188
Iowa.....	11	13	20	15.4	14.0	18.0	176	182	360	118	105	215	378
Missouri.....	42	52	60	12.6	17.0	15.0	551	884	900	114	108	1,008	972
North Dakota.....	275	314	242	13.5	12.0	17.5	3,796	3,768	4,235	109	105	4,107	4,447
South Dakota.....	322	213	187	12.6	10.0	21.0	4,067	2,130	3,927	109	110	2,322	4,320
Nebraska.....	206	186	166	9.5	9.0	15.0	1,968	1,674	2,490	106	100	1,774	2,490
Kansas.....	48	66	142	10.4	11.5	16.0	504	759	2,272	104	100	789	2,272
Delaware.....	16	13	13	14.8	22.0	15.5	238	286	202	122	134	349	271
Maryland.....	15	17	18	15.9	22.0	19.0	241	374	342	125	132	468	451
Virginia.....	21	20	19	15.2	18.5	15.5	315	370	294	153	170	566	500
North Carolina.....	20	26	20	13.2	15.5	13.5	271	403	270	178	180	717	486
South Carolina.....	10	16	13	10.7	14.0	12.0	105	224	156	177	178	396	278
Georgia.....	6	12	13	9.6	11.5	10.5	61	138	136	197	185	272	252
Kentucky.....	20	24	17	13.9	18.0	14.5	418	432	246	127	132	549	325
Tennessee.....	24	22	15	10.7	13.0	10.0	260	286	150	139	140	398	210
Oklahoma.....	66	80	118	7.4	7.5	8.5	508	600	1,003	109	97	654	973
Texas.....	29	17	19	8.0	8.0	9.5	237	136	180	109	98	148	176
Montana.....	16	9	15	12.0	11.0	15.0	192	99	225	90	85	89	191
Idaho.....	4	5	4	14.8	16.0	15.5	62	80	62	123	100	98	62
Wyoming.....	6	10	9	10.3	10.0	14.0	64	100	126	108	95	103	120
Colorado.....	35	28	34	8.0	7.0	13.0	281	196	442	109	90	214	398
New Mexico.....	5	6	6	10.2	11.0	12.0	49	66	72	112	100	74	72
Utah.....	6	5	6	9.6	9.0	9.0	55	45	54	137	120	62	65
Washington.....	18	50	92	11.7	11.0	16.0	214	550	1,472	131	115	720	1,693
Oregon.....	22	20	24	13.1	14.5	17.5	294	290	420	124	120	360	504
California.....	8	10	10	11.4	12.0	13.0	98	120	130	118	105	142	136
SORGHUMS FOR GRAIN													
U. S. ....	8,115	9,342	19,475	19.0	22.1	28.9	155,980	206,205	561,977	115	87	237,392	488,009
Indiana.....	2	4	24	30.2	40.0	45.0	46	160	1,080	103	85	165	918
Illinois.....	2	6	22	40.0	40.0	45.0	53	240	990	105	85	252	842
Iowa.....	42	81	308	25.5	40.0	45.0	875	5,984	13,860	107	80	3,467	11,088
Missouri.....	36	104	236	14.5	17.0	29.0	528	1,768	25,960	111	85	6,462	22,066
South Dakota.....	224	889	1,983	19.6	14.0	39.0	4,213	12,446	6,844	100	75	1,768	5,133
Nebraska.....	1,868	1,626	6,149	17.2	15.0	21.0	31,878	24,390	77,337	114	80	14,188	61,870
Kansas.....	9	11	33.0	28.0	28.0	28.0	297	129,129	122	80	29,755	108,303	
Virginia.....	35	80	100	26.5	27.0	26.0	950	2,600	112	120	2,419	3,120	
North Carolina.....	6	7	15	17.5	18.5	19.0	117	130	285	118	115	153	328
South Carolina.....	21	40	40	18.3	19.5	21.0	428	780	840	116	115	905	966
Georgia.....	21	5	37	30.0	25.0	40.0	150	225	1,480	115	90	269	1,332
Kentucky.....	21	40	76	21.8	24.0	27.0	250	960	2,052	115	100	1,104	2,052
Alabama.....	29	34	43	17.3	18.0	18.0	513	612	774	116	105	710	813
Mississippi.....	26	13	43	16.6	18.0	30.0	112	234	1,290	122	95	285	1,226
Arkansas.....	21	79	158	17.3	22.0	26.5	397	1,738	4,187	112	100	1,947	4,187
Louisiana.....	3	5	7	20.0	23.0	25.0	69	115	175	122	100	140	175
Oklahoma.....	709	587	922	13.4	10.5	16.5	9,842	6,164	15,213	122	85	7,520	12,931
Texas.....	4,412	4,777	7,326	20.3	26.0	32.5	91,020	124,202	238,095	111	90	137,864	214,286
Colorado.....	263	205	669	12.3	12.5	19.0	3,042	2,562	12,711	126	85	3,228	10,804
New Mexico.....	266	279	369	14.3	12.5	23.0	4,105	3,488	8,487	108	90	3,767	7,633
Arizona.....	67	96	111	44.0	45.0	52.0	3,026	4,320	5,772	142	120	6,134	6,926
California.....	108	185	236	43.9	54.0	53.0	4,902	9,990	12,508	144	125	14,386	15,635

<sup>1</sup> Season average price received by farmers. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Short-time average.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.



# No. 856.—TOBACCO—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1957

[In millions of pounds. Farm-sales-weight basis]

YEARLY AVERAGE OR CROP YEAR <sup>1</sup>	Production	Domestic disappearance <sup>2</sup>	Exports	Imports <sup>3</sup>	Ending stocks
1931-1935-----	1,268	759	456	61	2,227
1936-1940-----	1,492	927	402	74	2,415
1941-1945-----	1,604	1,283	432	75	2,543
1946-1950-----	2,080	1,411	531	87	3,014
1951-1955-----	2,217	1,471	552	108	3,753
1945-----	1,991	1,335	594	76	2,452
1946-----	2,315	1,354	657	92	2,756
1947-----	2,107	1,414	438	75	3,012
1948-----	1,979	1,417	505	88	3,071
1949-----	1,969	1,420	531	87	3,089
1950-----	2,030	1,452	523	94	3,144
1951-----	2,332	1,488	584	106	3,404
1952-----	2,256	1,557	498	106	3,604
1953-----	2,059	1,481	515	105	3,668
1954-----	2,244	1,410	516	110	3,977
1955-----	2,193	1,408	648	115	4,114
1956-----	2,179	1,373	557	122	4,364
1957 (prel.)-----	1,680	(4)	(4)	(4)	(4)

<sup>1</sup> Flue-cured and cigar wrapper, crop year, July-June; all other types, October-September.

<sup>2</sup> U. S. tobacco only.

<sup>3</sup> Declared weight. Compiled from reports of the Department of Commerce; includes stems, trimmings, and scraps.

<sup>4</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.

# No. 857.—TOBACCO—ACREAGE, PRODUCTION, AND PRICE, BY STATES: 1946 TO 1957

[Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>	
	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)
U. S.-----	Acres 1,693,570	Acres 1,364,900	Acres 1,123,000	Lb. 1,273	Lb. 1,597	Lb. 1,496	1,000 pounds 2,148,368	1,000 pounds 2,179,003	1,000 pounds 1,680,108	Ct. per lb. 53.7	Ct. per lb. 57.0
Mass-----	7,290	4,400	3,400	1,598	1,665	1,607	11,631	7,327	5,465	92.4	129.1
Conn-----	17,940	10,800	9,000	1,399	1,510	1,486	24,996	16,310	13,372	121.0	143.6
Pa-----	32,420	30,000	29,400	1,547	1,700	1,400	50,049	51,000	41,160	24.0	-----
Ohio-----	18,680	13,300	13,000	1,383	1,629	1,564	25,624	21,666	20,335	51.2	51.4
Ind-----	9,790	7,100	7,000	1,376	1,680	1,700	13,423	11,928	11,900	63.9	64.0
Wis-----	18,980	11,700	11,600	1,468	1,715	1,729	27,858	20,065	20,053	29.3	-----
Minn-----	373	<sup>2</sup> 110	-----	1,331	1,350	-----	488	148	-----	24.0	-----
Mo-----	4,890	3,000	2,800	1,101	1,310	1,400	5,361	3,930	3,920	57.4	59.0
Kans-----	160	<sup>2</sup> 50	-----	1,084	1,060	-----	173	53	-----	52.0	-----
Md-----	48,910	43,700	37,000	813	850	850	39,781	37,145	31,450	51.6	-----
Va-----	129,470	110,000	86,900	1,250	1,556	1,539	161,584	171,151	133,720	52.9	51.6
W. Va-----	3,040	2,500	2,300	1,351	1,500	1,450	4,097	3,900	3,335	62.2	61.0
N. C-----	703,210	588,400	452,400	1,269	1,664	1,494	889,643	978,885	676,095	51.8	55.5
S. C-----	123,900	102,000	78,000	1,316	1,700	1,635	162,280	173,400	127,530	52.4	59.8
Ga-----	101,920	89,100	64,100	1,196	1,452	1,295	121,920	129,371	83,026	49.9	58.3
Fla-----	24,310	22,000	15,500	1,123	1,236	1,355	27,538	27,186	21,007	75.1	91.0
Ky-----	338,590	241,400	230,700	1,299	1,611	1,567	437,304	388,927	361,463	60.0	-----
Tenn-----	108,460	84,400	79,300	1,328	1,609	1,586	143,434	135,815	125,745	55.5	-----
Ala-----	520	<sup>2</sup> 550	<sup>2</sup> 330	944	1,165	1,140	496	641	376	48.8	57.0
La-----	345	<sup>2</sup> 280	<sup>2</sup> 260	618	555	600	204	155	156	68.5	74.0

<sup>1</sup> Season average price received by farmers.

<sup>2</sup> Rounded to hundreds for inclusion in United States totals.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

# No. 858.—COTTON (EXCLUDING LINTERS)—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1916 TO 1957

[In thousands of bales except average price. For years ending July 31. Production figures relate to crop of preceding calendar year and are compiled from reports of individual ginners. Price per pound is average price received by growers. For data prior to 1916, see 1949 and earlier editions of the *Statistical Abstract*]

YEARLY AVERAGE OR YEAR	PRODUCTION		Average price per pound upland cotton (cents) <sup>1</sup>	Consumption <sup>2</sup> (running bales)	Net exports of domestic cotton (running bales)	Net imports (equivalent 500-pound bales)	Carry-over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight					
1916-1920.....	11,382	11,481	24.0	6,388	5,524	361	3,432
1921-1925.....	10,958	11,985	21.4	5,860	6,083	318	2,971
1926-1930.....	15,101	15,268	17.4	6,735	8,251	365	3,337
1931-1935.....	13,046	13,343	8.9	5,465	7,244	115	7,833
1936-1940.....	12,783	13,148	9.9	6,938	5,360	171	9,008
1941-1945.....	11,640	11,957	17.3	10,301	1,372	185	11,074
1946-1950.....	11,875	12,102	29.4	9,038	3,929	252	5,014
1951-1955.....	13,997	14,093	35.2	9,317	3,975	148	6,321
1950.....	15,009	16,128	28.6	8,851	5,771	245	6,846
1951.....	9,910	10,014	30.9	10,509	4,103	188	2,278
1952.....	15,076	15,148	37.7	9,196	5,515	72	2,789
1953.....	14,955	15,139	34.2	9,461	3,048	193	5,605
1954.....	16,317	16,465	32.3	8,576	3,760	142	9,728
1955.....	13,619	13,697	33.6	8,841	3,445	146	11,205
1956.....	14,542	14,721	32.3	9,210	2,214	137	14,529
1957.....	13,151	13,310	31.8	8,608	7,593	88	11,323

<sup>1</sup> Data from Department of Agriculture, Agricultural Marketing Service.

<sup>2</sup> Adjusted to cotton season.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

# No. 859.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION AND EXPORTS: 1916 TO 1957

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are of 2,000 pounds. For value of cottonseed products, 1881-1945, see 1949 *Statistical Abstract*. See also *Historical Statistics, 1789-1945, series J 175, for data on cottonseed oil production*]

YEARLY AVERAGE OR YEAR	COTTONSEED		COTTONSEED PRODUCTS					
	Production	Used in mills	Production				Exports	
			Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake
	1,000 tons	1,000 tons	1,000 pounds	1,000 tons	1,000 tons	Bales <sup>1</sup>	1,000 pounds	1,000 tons
1916-1920.....	5,116	4,285	1,302,080	2,041	1,093	943,474	172,877	301
1921-1925.....	4,878	3,646	1,125,196	1,654	1,082	578,384	106,371	258
1926-1930.....	6,784	5,819	1,631,697	2,409	1,495	1,117,764	48,762	328
1931-1935.....	5,932	4,474	1,398,611	2,032	1,229	954,186	28,100	97
1936-1940.....	5,847	4,653	1,444,771	2,101	1,195	1,354,871	7,681	26
1941-1945.....	5,136	4,223	1,327,149	1,898	1,019	1,489,821	19,650	1
1946-1950.....	4,883	4,296	1,303,440	1,928	1,001	1,576,300	54,855	50
1951-1955.....	5,811	5,255	1,710,468	2,482	1,163	1,965,698	226,580	66
1950.....	6,614	5,712	1,847,205	2,555	1,338	2,021,123	146,600	121
1951.....	4,105	3,723	1,196,893	1,669	857	1,394,365	60,832	12
1952.....	6,302	5,475	1,750,783	2,547	1,234	2,054,512	99,368	44
1953.....	6,191	5,503	1,825,411	2,672	1,199	2,069,013	45,876	30
1954.....	6,749	6,256	2,073,981	2,961	1,388	2,326,407	343,651	67
1955.....	5,700	5,249	1,735,273	2,561	1,139	1,984,195	583,175	176
1956.....	6,043	5,888	1,894,418	2,631	1,249	2,025,442	488,419	215
1957.....	5,407	4,949	1,682,368	2,386	1,071	1,806,495	405,192	36

<sup>1</sup> Of 500 pounds net.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

# No. 860.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1946 TO 1957

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for period are simple averages of figures for individual years]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value	Farm price per ton	
<b>United States:</b>	1,000	1,000	\$1,000	Pounds	Cents	1,000 short tons	\$1,000	Dollars	\$1,000
1946-55.....	22,050	13,669	2,269,432	300	33.43	5,578	352,945	65.10	2,622,377
1956.....	15,615	13,310	2,112,625	409	31.75	5,407	288,864	53.40	2,401,489
1957 (prel.).....	13,561	11,010	1,786,899	390	32.5	3,527	230,244	50.90	2,017,143
<b>Alabama:</b>									
1946-55.....	1,477	891	151,821	296	34.40	352	21,085	60.90	172,906
1956.....	972	750	122,615	370	32.70	300	13,650	45.50	136,265
1957 (prel.).....	735	530	81,090	346	30.6	211	9,790	46.40	90,880
<b>Arizona:</b>									
1946-55.....	402	620	106,264	718	33.65	256	16,137	67.90	122,401
1956.....	358	829	133,255	1,108	32.19	334	19,439	58.20	152,694
1957 (prel.).....	350	800	147,123	1,097	36.9	332	17,662	53.20	164,785
<b>Arkansas:</b>									
1946-55.....	1,952	1,444	237,546	360	33.31	583	36,303	63.80	273,849
1956.....	1,365	1,426	229,387	500	32.18	581	29,224	50.30	258,611
1957 (prel.).....	1,130	985	168,928	418	34.3	401	20,250	50.50	189,178
<b>California:</b>									
1946-55.....	886	1,249	209,305	683	33.41	502	33,249	69.90	242,554
1956.....	749	1,446	236,027	924	32.65	565	35,086	62.10	271,113
1957 (prel.).....	716	1,500	271,556	1,006	36.2	610	32,147	52.70	303,703
<b>Georgia:</b>									
1946-55.....	1,252	679	116,995	264	34.45	276	17,086	62.40	134,081
1956.....	830	579	94,304	334	32.58	235	10,622	45.20	104,926
1957 (prel.).....	570	395	62,015	333	31.4	162	8,116	50.10	70,131
<b>Louisiana:</b>									
1946-55.....	810	606	102,658	357	33.98	245	14,860	61.60	117,518
1956.....	562	581	93,068	496	32.01	238	12,209	51.30	105,277
1957 (prel.).....	446	370	59,200	398	32.0	151	7,188	47.60	66,388
<b>Mississippi:</b>									
1946-55.....	2,280	1,702	201,378	363	34.42	685	43,941	65.20	335,319
1956.....	1,695	1,609	204,374	483	32.86	656	33,915	51.70	298,289
1957 (prel.).....	1,335	1,160	181,540	417	31.3	474	23,795	50.20	205,335
<b>Missouri:</b>									
1946-55.....	484	385	62,202	384	32.76	165	9,736	60.90	72,028
1956.....	366	448	69,385	586	30.98	189	8,694	46.00	78,079
1957 (prel.).....	294	185	31,820	302	34.4	79	3,681	46.60	35,501
<b>New Mexico:</b>									
1946-55.....	226	253	45,192	551	35.73	103	6,991	70.60	52,183
1956.....	181	301	60,208	797	33.44	120	8,016	66.80	68,224
1957 (prel.).....	181	237	42,921	629	36.3	96	5,424	56.50	48,345
<b>North Carolina:</b>									
1946-55.....	671	449	75,470	320	34.04	186	11,505	63.00	87,065
1956.....	440	359	55,520	391	30.90	147	9,306	42.90	64,826
1957 (prel.).....	347	235	36,072	325	30.7	98	4,724	48.20	40,796
<b>Oklahoma:</b>									
1946-55.....	1,070	374	57,519	170	31.19	153	9,666	63.80	67,185
1956.....	715	261	37,019	175	28.41	108	6,026	55.80	43,045
1957 (prel.).....	540	245	34,055	218	27.8	100	4,910	49.10	38,965
<b>South Carolina:</b>									
1946-55.....	1,022	647	109,894	305	34.18	270	16,725	62.00	126,619
1956.....	682	513	82,876	360	32.28	209	9,112	43.60	91,988
1957 (prel.).....	498	345	54,082	333	31.7	146	7,329	50.20	62,011
<b>Tennessee:</b>									
1946-55.....	752	579	97,697	374	34.02	231	14,378	63.90	112,075
1956.....	543	552	91,557	488	33.15	211	9,896	46.90	101,453
1957 (prel.).....	475	420	69,720	424	33.2	187	8,016	48.00	77,736
<b>Texas:</b>									
1946-55.....	8,684	3,742	597,252	208	32.27	1,552	100,000	67.20	697,252
1956.....	6,200	3,615	540,517	280	30.25	1,497	85,928	57.40	626,445
1957 (prel.).....	5,900	3,575	541,595	291	30.3	1,488	70,632	51.50	618,227
<b>Other States:</b>									
1946-55.....	81	49	8,149	295	33.15	20	1,193	62.10	9,342
1956.....	57	41	6,513	341	31.85	17	741	44.40	7,254
1957 (prel.).....	44	28	4,582	305	32.8	12	580	48.30	5,162

<sup>1</sup> Includes an allowance for unredeemed loans.

<sup>2</sup> Average price to Dec. 1. <sup>3</sup> Based on 1952-56 average ratio of lint to cottonseed.

Source: Department of Agriculture, Agricultural Marketing Service; *Cotton and Cottonseed Production and annual summary. Crop Values.*

## No. 861.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, BY STATES: 1957

[For years ending July 31 except as noted. Tons are of 2,000 pounds; bales, 500 pounds net]

STATE	COTTONSEED		COTTONSEED PRODUCTS			
	Produc- tion <sup>1</sup>	Used in mills	Oil	Meal and cake	Hulls	Linters
	1,000 tons 5,407	1,000 tons 4,949	1,000 lbs. 1,682,368	1,000 tons 2,386	1,000 tons 1,071	Bales 1,806,495
<b>Total</b> .....						
Alabama.....	303	234	74,471	117	55	82,212
Arizona.....	332	286	106,152	135	61	111,701
Arkansas.....	584	448	161,473	218	94	147,965
California.....	567	529	184,091	247	105	206,330
Georgia.....	235	280	88,202	142	57	119,284
Louisiana.....	238	188	59,933	89	41	59,309
Mississippi.....	656	620	203,973	316	121	214,888
North Carolina.....	147	134	42,393	62	26	64,357
Oklahoma.....	107	90	28,276	45	20	31,417
South Carolina.....	209	155	49,487	76	30	72,326
Tennessee.....	209	414	147,472	202	88	140,270
Texas.....	1,504	1,390	481,203	654	331	486,873
All other States.....	316	181	65,242	88	41	70,063

<sup>1</sup> Relates to preceding crop year.Source: Department of Commerce, Bureau of the Census; annual reports, *Cotton Production and Distribution*.

## No. 862.—SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1957

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949- 1955, avg.	1956	1957 (prel.)	1949- 1955, avg.	1956	1957 (prel.)	1949- 1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
	1,000 acres 373	1,000 acres 284	1,000 acres 285	Cwt. 54	Cwt. 60	Cwt. 63	1,000 cwt. 20,179	1,000 cwt. 16,920	1,000 cwt. 18,053	Dol. per cwt. 4.04	Dol. per cwt. 3.96	\$1,000 68,283	\$1,000 71,427
<b>United States</b> .....													
New Jersey.....	16	16	16	87	95	83	1,366	1,520	1,328	4.62	3.60	7,022	4,781
Missouri.....	3	2	2	54	55	60	144	121	120	4.34	3.00	525	360
Kansas.....	1	1	1	47	43	70	52	39	77	3.75	4.80	146	370
Maryland.....	6	4	4	96	105	118	521	420	472	3.91	2.85	1,642	1,345
Virginia.....	17	17	18	76	78	90	1,287	1,318	1,656	3.06	2.35	4,033	3,892
North Carolina.....	46	36	38	59	66	70	2,690	2,376	2,660	4.54	4.30	10,787	11,438
South Carolina.....	30	17	17	49	52	55	1,522	884	935	4.48	4.30	3,960	4,020
Georgia.....	31	16	14	41	46	46	1,264	736	644	4.91	5.20	3,614	3,349
Florida.....	5	3	2	44	45	50	204	112	100	5.61	5.90	628	590
Kentucky.....	6	5	5	49	55	56	308	275	269	3.59	3.70	987	995
Tennessee.....	14	11	9	53	55	60	746	605	540	4.21	4.50	2,547	2,430
Alabama.....	23	14	15	41	50	49	987	700	735	4.32	4.80	3,024	3,528
Mississippi.....	26	20	22	45	44	50	1,190	880	1,100	4.60	4.70	4,048	5,170
Arkansas.....	8	5	5	43	40	58	349	239	296	4.71	4.80	1,126	1,421
Louisiana.....	92	84	82	54	59	59	4,982	4,956	4,838	2.58	2.80	12,786	13,546
Oklahoma.....	3	2	2	44	57	60	139	114	108	5.42	5.30	618	572
Texas.....	33	19	20	43	35	60	1,471	665	1,200	5.63	4.85	3,744	5,820
California.....	11	12	13	68	80	75	773	960	975	7.34	8.00	7,046	7,800

<sup>1</sup> Season average price received by farmers.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

## No. 863.—POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1949 TO 1957

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1949-1955, avg.	1956	1957 (prel.)	1949-1955, avg.	1956	1957 (prel.)	1949-1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Cwt.	Cwt.	Cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dol. per cwt.	Dol. per cwt.	\$1,000	\$1,000
U. S.-----	1,509	1,386	1,375	150	176	172	226,458	243,716	236,268	2.01	1.73	488,894	408,329
N. E.:													
Maine-----	136	147	138	251	284	280	34,136	41,748	38,640	1.21	1.55	50,515	59,892
N. H.-----	4	2	2	155	180	165	546	414	330	2.44	2.75	1,010	908
Vt.-----	4	3	2	136	160	160	577	448	338	2.39	2.50	1,071	920
Mass.-----	9	7	7	145	172	157	1,168	1,087	1,087	2.09	2.56	3,140	2,730
R. I.-----	5	5	5	178	190	182	834	913	854	2.04	2.61	2,410	2,230
Conn.-----	8	6	7	171	200	190	1,391	1,240	1,235	2.42	2.75	3,001	3,396
M. A.:													
N. Y.-----	107	89	85	176	211	197	18,718	18,760	16,735	1.84	1.90	34,420	32,241
N. J.-----	29	17	18	150	210	185	4,372	3,570	3,238	2.36	1.91	8,425	6,185
Pa.-----	69	51	49	140	165	138	9,685	8,437	6,772	2.33	2.63	19,573	17,798
E. N. C.:													
Ohio-----	26	20	19	139	151	150	3,566	2,982	2,835	2.74	2.33	8,247	6,610
Ind.-----	14	10	9	144	165	194	1,935	1,580	1,708	2.61	2.37	4,185	4,036
Ill.-----	7	4	3	60	70	60	387	245	166	4.16	2.75	1,019	429
Mich.-----	69	52	50	108	154	133	7,400	8,031	6,660	1.46	2.04	11,580	13,655
Wis.-----	58	48	48	129	150	120	7,406	7,216	5,780	2.17	2.19	15,180	12,815
W. N. C.:													
Minn.-----	84	85	80	105	132	102	8,757	11,200	8,137	1.09	1.84	11,920	14,901
Iowa-----	9	6	6	72	72	80	638	432	480	2.58	2.15	1,115	1,032
Mo.-----	13	10	8	63	70	65	820	700	520	4.51	2.18	3,167	1,134
N. Dak.-----	96	93	84	108	138	114	10,362	12,894	9,576	.99	1.85	12,706	17,716
S. Dak.-----	12	10	9	77	100	80	941	950	720	1.31	2.30	1,244	1,656
Nebr.-----	31	20	18	135	134	129	4,199	2,690	2,815	1.22	1.82	3,486	4,233
Kans.-----	5	2	3	51	53	68	277	117	170	4.58	2.00	536	340
S. A.:													
Del.-----	6	9	9	135	185	185	853	1,665	1,665	3.50	1.55	5,828	2,581
Md.-----	8	5	5	84	96	85	655	511	426	3.81	1.46	1,744	659
Va.-----	39	35	36	101	110	89	3,970	3,784	3,215	4.70	1.61	17,453	5,505
W. Va.-----	15	12	11	64	65	72	966	780	792	3.12	2.74	2,434	2,170
N. C.-----	46	37	38	87	90	91	3,992	3,328	3,428	4.06	1.68	13,772	6,046
S. C.-----	12	8	8	79	82	100	922	656	760	5.20	1.85	3,411	1,406
Ga.-----	7	5	5	46	46	49	332	229	254	4.53	2.72	1,034	691
Fla.-----	31	42	54	154	162	140	4,712	6,766	27,610	3.65	1.97	24,723	213,888
E. S. C.:													
Ky.-----	20	15	14	55	60	65	1,096	900	936	4.32	1.92	3,888	1,797
Tenn.-----	20	13	13	57	56	62	1,114	728	806	3.90	2.54	2,839	2,047
Ala.-----	32	24	26	73	90	98	2,355	2,150	2,595	4.03	1.86	8,752	4,971
Miss.-----	11	10	10	39	39	45	444	370	460	4.44	2.10	1,043	945
W. S. C.:													
Ark.-----	16	10	9	49	54	55	770	513	473	4.14	2.51	2,124	1,187
La.-----	12	8	9	40	49	50	467	407	430	3.98	2.02	1,620	869
Okla.-----	7	5	4	50	47	50	325	226	220	5.00	2.50	1,130	550
Tex.-----	22	15	16	70	89	99	1,515	1,378	1,630	5.09	2.05	6,943	3,341
Mt.:													
Mont.-----	10	9	8	130	150	150	1,324	1,335	1,245	1.86	2.30	2,483	2,864
Idaho-----	153	177	177	180	187	201	27,519	33,104	35,624	1.15	1.39	38,034	49,631
Wyo.-----	6	6	6	144	168	142	850	993	781	1.18	1.94	1,170	1,053
Colo.-----	54	53	56	192	192	194	10,347	10,197	10,860	1.51	1.79	15,082	19,544
N. Mex.-----	1	2	3	85	150	160	87	225	432	2.55	1.94	574	838
Ariz.-----	5	4	7	224	250	265	1,045	1,722	4,500	4.50	1.85	4,838	3,203
Utah-----	11	10	11	149	170	155	1,644	1,632	1,628	1.49	1.50	2,432	2,442
Nev.-----	2	2	2	175	240	220	263	432	396	1.70	1.70	734	673
Pac.:													
Wash.-----	30	42	40	240	244	248	7,195	10,255	9,938	1.59	1.28	16,176	12,702
Oreg.-----	35	37	38	212	231	233	7,483	8,530	8,738	1.76	1.62	14,914	14,200
Calif.-----	108	107	114	242	242	272	25,970	25,872	30,918	3.72	1.53	95,179	47,674

<sup>1</sup> Season average price received by farmers.<sup>2</sup> Production includes 545,000 cwt. for Florida not harvested or not marketed because of low prices and excluded in computing value.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production* and *Crop Values*.

## No. 864.—ALL HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1946 TO 1957

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1956	1957 (prel.)	1956	1957 (prel.)
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dol. per ton	Dol. per ton	\$1,000	\$1,000
U. S.-----	74,248	73,302	73,776	1.40	1.48	1.65	104,178	108,680	121,402	21.20	18.80	2,303,616	2,286,350
<b>N. E.:</b>													
Maine-----	670	543	536	1.10	1.19	1.11	731	644	595	22.40	26.00	14,426	15,470
N. H.-----	208	231	225	1.28	1.27	1.28	279	293	288	31.10	35.00	9,112	10,080
Vt.-----	892	772	765	1.44	1.40	1.52	1,278	1,082	1,159	28.90	30.00	31,270	34,770
Mass.-----	312	251	247	1.60	1.58	1.53	498	396	378	37.90	39.00	15,008	14,742
R. I.-----	27	20	19	1.71	1.80	1.42	45	36	27	37.80	40.00	1,361	1,080
Conn.-----	248	214	206	1.72	1.80	1.60	425	385	330	38.90	40.00	14,976	13,200
<b>M. A.:</b>													
N. Y.-----	3,396	3,130	3,125	1.66	1.71	1.74	5,618	5,367	5,447	22.70	22.00	121,831	119,834
N. J.-----	243	244	229	1.86	2.02	1.57	451	492	359	34.50	38.00	16,974	13,642
Pa.-----	2,238	2,249	2,233	1.52	1.54	1.42	3,431	3,466	3,167	26.20	28.00	90,809	88,676
<b>E. N. C.:</b>													
Ohio-----	2,489	2,285	2,216	1.51	1.70	1.67	3,765	3,888	3,708	21.00	21.00	81,648	77,868
Ind.-----	1,764	1,641	1,510	1.48	1.76	1.71	2,603	2,710	2,587	18.10	18.50	49,051	47,860
Ill.-----	2,636	2,551	2,518	1.65	1.99	1.94	4,342	5,075	5,008	18.70	18.50	94,902	92,648
Mich.-----	2,417	2,232	2,124	1.44	1.66	1.67	3,477	3,666	3,542	19.60	19.50	73,540	69,069
Wis.-----	4,026	3,918	3,991	1.80	2.16	2.24	7,250	8,452	8,945	16.60	15.50	140,303	138,648
<b>W. N. C.:</b>													
Minn.-----	3,892	3,548	3,650	1.62	1.97	2.02	6,289	7,582	7,387	16.50	16.00	125,103	118,192
Iowa-----	3,592	3,654	3,744	1.67	1.64	2.12	6,053	5,977	7,938	19.30	15.50	115,556	123,039
Mo.-----	3,395	2,710	3,114	1.22	1.30	1.48	4,142	3,523	4,605	20.60	18.00	72,674	82,890
N. Dak.-----	3,534	3,889	3,780	0.97	1.12	1.15	3,432	4,372	4,355	13.60	12.50	59,459	54,438
S. Dak.-----	4,607	5,064	5,665	0.83	0.77	1.22	3,818	4,602	6,897	16.60	12.00	76,393	82,764
Neb.-----	4,946	5,462	5,784	1.08	0.92	1.38	5,368	5,049	7,999	21.40	14.00	108,049	111,986
Kans.-----	2,146	2,275	2,422	1.46	1.07	1.82	3,110	2,433	4,400	25.40	17.00	61,798	80,400
<b>S. A.:</b>													
Del.-----	66	55	49	1.44	1.49	1.33	95	82	65	26.20	32.50	2,148	2,112
Md.-----	440	430	421	1.46	1.59	1.40	644	683	589	27.20	33.00	18,578	19,437
Va.-----	1,369	1,276	1,188	1.20	1.25	1.27	1,636	1,592	1,512	31.10	34.00	49,511	51,403
W. Va.-----	780	735	694	1.27	1.39	1.30	987	1,020	903	28.30	30.00	28,866	27,090
N. C.-----	1,231	1,030	1,026	1.02	1.07	1.11	1,253	1,098	1,140	28.90	29.00	31,732	33,060
S. C.-----	603	548	521	0.85	0.91	0.94	517	498	492	31.20	31.00	15,538	15,252
Ga.-----	1,121	677	571	0.65	0.90	0.96	706	608	550	24.30	25.00	14,774	13,750
Fla.-----	111	132	120	0.86	1.52	1.63	95	200	196	27.40	28.00	5,480	5,488
<b>E. S. C.:</b>													
Ky.-----	1,775	1,653	1,636	1.26	1.47	1.45	2,238	2,431	2,366	20.70	21.00	50,322	49,686
Tenn.-----	1,646	1,516	1,473	1.12	1.16	1.22	1,846	1,754	1,801	24.60	24.50	43,148	44,124
Ala.-----	832	805	745	0.82	0.94	0.93	684	758	694	22.40	22.00	16,979	15,268
Miss.-----	732	742	814	1.15	1.26	1.45	905	934	1,180	20.60	20.00	19,240	23,600
<b>W. S. C.:</b>													
Ark.-----	1,110	863	929	1.06	1.10	1.28	1,191	949	1,186	21.00	21.00	19,929	24,906
La.-----	354	390	416	1.23	1.18	1.38	434	461	572	22.80	23.00	10,511	13,166
Okla.-----	1,610	1,388	1,423	1.20	0.88	1.26	1,806	1,223	1,790	26.70	20.50	32,654	36,695
Tex.-----	1,685	1,621	1,890	1.02	0.80	1.23	1,728	1,291	2,316	28.50	23.50	36,794	54,426
<b>Mt.:</b>													
Mont.-----	2,331	2,230	2,326	1.15	1.21	1.29	2,678	2,700	2,992	22.70	18.00	61,290	53,856
Idaho-----	1,093	1,269	1,272	2.30	2.57	2.56	2,514	3,264	3,256	19.20	14.50	62,669	47,212
Wyo.-----	1,094	1,114	1,196	1.13	1.26	1.41	1,238	1,400	1,683	20.50	16.50	28,700	27,770
Colo.-----	1,409	1,370	1,542	1.60	1.68	1.90	2,255	2,303	2,935	25.20	19.00	58,036	55,765
N. Mex.-----	211	230	253	2.16	2.29	2.38	459	526	603	28.40	22.50	14,938	13,598
Ariz.-----	258	273	250	2.67	2.91	3.06	662	795	766	25.90	26.00	20,590	19,910
Utah-----	558	568	593	2.12	2.45	2.50	1,182	1,392	1,483	21.10	17.50	29,371	25,952
Nev.-----	379	384	381	1.58	1.86	1.75	597	716	666	19.90	17.50	14,248	11,655
<b>Pac.:</b>													
Wash.-----	800	871	832	1.91	1.90	2.17	1,528	1,654	1,802	24.70	17.00	40,854	30,634
Oreg.-----	1,026	1,065	1,046	1.74	1.88	1.89	1,781	2,006	1,975	23.20	16.50	46,539	32,588
Calif.-----	1,888	2,084	2,006	3.19	3.27	3.37	6,016	6,822	6,708	22.90	22.50	156,224	152,280

<sup>1</sup> Season average price received by farmers for hay sold baled.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

# VEGETABLE CROPS

669

**No. 865.—VEGETABLE CROPS, COMMERCIAL—ACREAGE, PRODUCTION, AND VALUE, BY KIND, 1956 AND 1957, AND LEADING STATES, 1957**  
 [Production in equivalent tons of 2,000 pounds. Estimates relate to commercial production for fresh market and processing combined and include production in market-garden areas. Production for home use in farm and nonfarm gardens is not included. Value is for season or crop year and should not be confused with calendar year income]

CROP	ACREAGE <sup>1</sup>			PRODUCTION <sup>2</sup> (equivalent tons)			VALUE <sup>3</sup> (\$1,000)	
	1956	1957	1957, leading States	1956	1957	1957, leading States	1956	1957
Artichokes.....	9,470	9,400	California.....	16,000	16,450	California.....	3,072	2,891
Asparagus.....	153,360	155,040	California, New Jersey.....	175,570	181,450	California, New Jersey.....	43,163	38,765
Beans, lima.....	115,020	103,870	California, Delaware.....	4,125,800	4,181,800	California, Delaware.....	16,323	16,022
Beans, snap.....	273,760	284,040	California, New York.....	573,100	605,000	Florida, New York.....	82,564	86,575
Beets.....	26,650	21,390	Wisconsin, New York.....	228,200	185,200	Wisconsin, New York.....	5,438	4,780
Broccoli.....	44,200	39,170	California, New Jersey.....	117,800	95,700	California, New Jersey.....	18,357	14,076
Brussels sprouts.....	6,400	6,250	California, New York.....	37,750	29,450	California, New York.....	6,519	4,308
Cabbage.....	141,480	124,400	New York, Florida.....	1,407,300	1,123,800	New York, California.....	38,363	43,406
Cantaloupes.....	130,300	122,050	California, Texas.....	614,350	558,400	California, Arizona.....	51,538	61,075
Carrots.....	77,990	71,440	Texas, California.....	790,300	689,950	California, Texas.....	41,530	44,844
Cauliflower.....	32,430	32,890	California, New York.....	254,850	225,250	California, New York.....	16,689	14,654
Celery.....	36,010	35,290	California, Florida.....	794,900	747,150	California, Florida.....	49,937	60,426
Corn, sweet.....	642,180	633,110	Wisconsin, Minnesota.....	2,325,900	2,081,850	Wisconsin, Minnesota.....	81,223	80,043
Cucumbers.....	164,610	183,900	Michigan, North Carolina.....	511,400	584,300	Michigan, Florida.....	38,757	41,305
Eggplant.....	4,000	4,700	Florida, New Jersey.....	22,100	25,000	Florida, New Jersey.....	2,272	2,348
Escarole.....	5,750	6,750	Florida, New Jersey.....	36,900	38,700	Florida, New Jersey.....	3,284	3,570
Garlic.....	2,400	2,300	California.....	10,800	9,800	California.....	2,252	1,812
Honeydew melons.....	12,700	9,050	California, Texas.....	82,350	57,150	California, Texas.....	7,310	6,378
Kale.....	2,600	2,600	Virginia.....	9,100	8,850	California, Texas.....	701	708
Lettuce.....	298,130	283,310	California, Arizona.....	1,706,050	1,693,550	California, Arizona.....	184,734	143,985
Mint for oil.....	61,000	62,700	Indiana, Washington.....	1,500	1,430	Indiana, Washington.....	14,844	12,016
Onions.....	123,700	110,710	Texas, New York.....	1,221,950	1,205,350	New York, California.....	64,563	60,076
Peas, green.....	483,870	461,790	Wisconsin, Washington.....	552,050	574,300	Wisconsin, Washington.....	53,387	53,019
Peppers, green.....	40,240	43,940	Florida, New Jersey.....	135,950	137,250	Florida, New Jersey.....	24,179	26,509
Shallots.....	6,500	4,900	Louisiana.....	9,750	4,900	Louisiana.....	1,069	1,653
Spinach.....	65,270	64,910	Texas, California.....	227,850	226,100	California, Texas.....	16,001	15,371
Strawberries.....	115,230	125,100	California, Oregon.....	274,630	281,920	California, Oregon.....	97,916	78,453
Tomatoes.....	521,170	521,170	California, Florida.....	5,640,550	4,270,350	California, Florida.....	233,469	236,214
Watermelons.....	410,400	433,350	Texas, Florida.....	1,532,700	1,500,750	Florida, Texas.....	45,735	60,266

<sup>1</sup> Acreage of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other economic factors, plus acreage harvested for processing.

<sup>2</sup> Includes some quantities not marketed and excluded in computing value.

<sup>3</sup> Based on season average prices received by growers.

<sup>4</sup> Processing production shelled basis plus fresh market production in the shell. Equivalent shelled production: 1956, 116,900 tons; 1957, 100,750 tons.

<sup>5</sup> Processing production shelled basis plus fresh market production in the shell. Equivalent shelled basis: 1956, 552,060 tons; 1957, 565,660 tons.

Source: Department of Agriculture, Agricultural Marketing Service annual report, *Agricultural Statistics*.

## No. 866.—FRUITS—PRODUCTION AND PRICE RECEIVED BY FARMERS: 1946 to 1957

[See also *Historical Statistics, 1789-1945*, series E 231-243]

CROP	UNIT	PRODUCTION (1,000) <sup>1</sup>				PRICE PER UNIT <sup>2</sup>		
		1946-1955, avg.	1955	1956	1957 (prel.)	1955	1956	1957 (prel.)
Apples (35 States) <sup>3</sup> .....	Bu. (48 lbs.)	109,968	107,157	100,623	117,308	\$1.95	\$2.35	\$1.89
Peaches.....	do	64,251	51,852	70,209	63,058	2.18	2.12	2.12
Pears.....	Bu. <sup>4</sup>	29,940	29,622	32,322	31,902	2.13	2.27	2.01
Grapes.....	Ton.	2,954	3,241	2,912	2,611	42.80	51.40	61.90
Cherries (12 States).....	do	223	263	168	236	102.00	215.00	204.00
Plums.....	do	86	91	105	88	170.00	143.00	197.00
Prunes (fresh basis) <sup>5</sup> .....	do	514	427	584	493	101.00	78.40	74.90
Oranges and tangerines (5 States).....	Box <sup>6</sup>	121,864	137,015	136,705	136,190	2.39	2.06	1.85
Grapefruit (4 States).....	do <sup>7</sup>	46,456	45,380	44,780	44,700	2.94	1.20	1.15
Lemons.....	do <sup>8</sup>	13,026	13,250	16,200	14,700	3.27	2.22	2.40

<sup>1</sup> Includes some quantities not harvested or not marketed on account of economic conditions.<sup>2</sup> Season average prices. Citrus fruit prices are equivalent packing-house-door returns for all methods of sale.<sup>3</sup> Production in commercial apple areas. <sup>4</sup> Calif., 48 pounds; other States, 50 pounds.<sup>5</sup> Fresh basis for California derived by multiplying dry basis estimate by 2½.<sup>6</sup> Net content of box varies. In Calif. and Ariz. approximate average is 77 pounds; in Fla. and other States, 90 pounds.<sup>7</sup> In Calif. and Ariz. approximate average is 65 pounds net; in Fla. and other States, 80 pounds net.<sup>8</sup> About 70 pounds net.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

## No. 867.—APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES: 1946 to 1957

STATE	APPLES (1,000 bu.) <sup>1 2</sup>			PEACHES (1,000 bu.) <sup>2</sup>			PEARS (1,000 bu.) <sup>2</sup>			GRAPES (tons) <sup>2</sup>		
	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)	1946-1955, avg.	1956	1957 (prel.)
U. S. ....	109,968	100,623	117,308	64,251	70,209	63,058	29,940	32,322	31,902	2,953,875	2,912,250	2,610,950
Mass. ....	2,524	1,640	2,850	76	95	8	—	—	—	—	—	—
Conn. ....	1,298	1,080	1,490	144	145	35	50	52	48	—	—	—
N. Y. ....	16,515	14,100	15,600	1,316	1,030	150	521	510	460	68,880	106,000	69,000
N. J. ....	2,575	3,100	3,100	1,668	2,100	2,000	—	—	—	1,430	1,200	1,300
Pa. ....	6,358	5,400	6,100	2,439	2,340	2,300	190	70	100	19,700	31,600	19,700
Ohio ....	3,015	2,100	2,850	918	1,000	900	152	45	55	14,070	13,800	12,600
Ind. ....	1,384	1,750	1,610	424	425	298	—	—	—	1,220	1,600	1,100
Ill. ....	2,908	2,550	2,500	1,388	1,200	670	176	120	115	1,920	1,300	1,300
Mich. ....	7,812	12,000	10,200	3,270	2,600	2,650	821	1,200	675	33,890	60,500	52,000
Iowa ....	188	35	230	—	—	—	—	—	—	2,100	900	1,700
Mo. ....	1,089	550	780	536	350	400	128	55	110	3,680	3,400	3,700
Kans. ....	343	50	290	121	47	155	—	—	—	1,120	100	600
Del. ....	340	330	290	150	70	65	—	—	—	—	—	—
Md. ....	1,192	1,160	1,070	465	400	400	—	—	—	—	—	—
Va. ....	9,135	10,800	8,100	1,439	1,500	1,420	105	40	34	1,045	350	350
W. Va. ....	4,072	4,256	5,000	616	650	540	50	60	30	—	—	—
N. C. ....	1,222	1,750	1,400	1,350	950	1,400	113	71	82	2,540	1,300	900
S. C. ....	—	—	—	3,122	4,350	4,800	—	—	—	1,200	1,300	1,500
Ga. ....	—	—	—	2,776	1,600	2,100	196	80	86	1,700	1,400	1,200
Ky. ....	304	445	188	310	200	89	75	65	36	—	—	—
Tenn. ....	328	400	420	281	320	150	91	130	110	—	—	—
Ala. ....	—	—	—	593	600	425	121	42	66	—	—	—
Miss. ....	—	—	—	405	447	268	153	107	103	—	—	—
Ark. ....	440	725	48	1,530	2,250	1,100	93	86	49	8,280	10,300	1,500
Tex. ....	—	—	—	736	575	790	216	123	234	—	—	—
Idaho ....	1,516	1,380	1,500	318	270	100	72	110	100	—	—	—
Colo. ....	1,266	1,505	1,120	1,736	1,697	1,950	181	225	165	—	—	—
Wash. ....	27,480	17,700	32,600	1,719	1,930	1,030	6,214	4,550	4,820	29,120	30,000	47,000
Oreg. ....	2,625	1,820	3,100	477	600	450	5,518	6,490	6,500	1,090	700	900
Calif. ....	8,401	9,260	8,800	32,741	39,711	35,503	14,039	17,710	17,543	2,757,900	2,641,000	2,392,000
Other ....	5,638	4,737	6,072	1,161	757	912	369	381	381	2,310	5,500	6,200

<sup>1</sup> See footnote 3, table 866. <sup>2</sup> See footnote 1, table 866.Source: Department of Agriculture, Agricultural Marketing Service; annual summary, *Crop Production*.



**No. 868.—SUGAR, BEET AND CANE—PRODUCTION IN CONTINENTAL UNITED STATES, PRINCIPAL AREAS SUPPLYING UNITED STATES, AND WORLD: 1930 TO 1957**

In thousands of tons (raw value). Data refer to crop year with beginning dates varying from Sept. to following June, except as noted for Hawaii. Covers centrifugal only]

YEARLY AVERAGE OR CROP YEAR	Cont. U. S. and principal supplying areas <sup>1</sup>	CONTINENTAL UNITED STATES			PRINCIPAL SUPPLYING AREAS				World	PERCENT OF WORLD TOTAL IN—	
		Total	Beet	Cane <sup>2</sup>	Puerto Rico <sup>3</sup>	Hawaii <sup>4</sup>	Republic of the Philippines <sup>5</sup>	Cuba		Cont. U. S.	U. S. and principal supplying areas <sup>1</sup>
1930-1934.....	7, 530	1, 632	1, 396	235	896	1, 042	1, 111	2, 847	29, 820	5. 5	25. 3
1935-1939.....	8, 192	1, 991	1, 517	474	982	980	1, 058	3, 183	28, 374	7. 0	28. 9
1940-1944.....	7, 616	1, 879	1, 451	428	969	880	1, 320	3, 685	25, 998	7. 2	29. 3
1945-1949.....	10, 259	1, 970	1, 515	455	1, 143	861	1, 382	5, 897	27, 429	7. 2	37. 4
1950-1954.....	11, 929	2, 351	1, 785	566	1, 232	1, 066	1, 190	6, 078	39, 108	6. 0	30. 5
1950.....	12, 102	2, 576	2, 012	564	1, 238	996	935	6, 349	36, 128	7. 1	33. 5
1951.....	13, 412	1, 968	1, 549	419	1, 372	1, 020	1, 076	7, 964	38, 567	5. 1	34. 8
1952.....	11, 226	2, 110	1, 505	605	1, 182	1, 069	1, 134	5, 687	37, 279	5. 7	30. 1
1953.....	11, 563	2, 447	1, 817	630	1, 204	1, 077	1, 434	5, 390	41, 578	5. 9	27. 8
1954.....	11, 342	2, 653	2, 043	610	1, 166	1, 140	1, 372	5, 001	41, 986	6. 3	27. 0
1955.....	11, 026	2, 313	1, 739	574	1, 152	1, 100	1, 219	5, 229	43, 610	5. 3	25. 3
1956.....	12, 012	2, 627	1, 966	561	990	1, 085	1, 143	6, 252	45, 817	5. 5	26. 2
1957 (prel.).....	12, 427	2, 717	2, 190	527	1, 100	1, 100	1, 250	6, 250	49, 642	5. 5	25. 0

<sup>1</sup> Includes Virgin Islands not shown separately.

<sup>2</sup> Louisiana and Florida.

<sup>3</sup> Sugar 96° basis as computed by Puerto Rican mills.

<sup>4</sup> Normal grinding season begins Oct. 1. In 1933, production was from grindings of Oct. 1, 1933, to Dec. 31, 1934; beginning 1934, from grindings of the next calendar year.

<sup>5</sup> Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

Source: Department of Agriculture; Agricultural Marketing Service (from official sources and International Institute of Agriculture); annual reports, *Agricultural Statistics* and *The Sugar Situation*.

**No. 869.—SUGAR, BEET AND CANE—STOCKS, PRODUCTION, TRADE, AND SUPPLY AVAILABLE FOR CONSUMPTION: 1940 TO 1957**

YEAR	Production <sup>1</sup>	Visible stocks beginning of period <sup>1, 2</sup>	RECEIPTS FROM—		Commercial exports and shipments <sup>3</sup>	DOMESTIC DISAPPEARANCE			
			Foreign sources <sup>1</sup>	Territories <sup>1</sup>		Livestock feed	Military <sup>4</sup>	Civilian	Per capita consumption (refined) <sup>5</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1940.....	2, 104	2, 615	3, 006	1, 855	193	-----	-----	7, 031	95. 7
1945 <sup>6</sup> .....	1, 666	1, 227	3, 227	1, 647	34	-----	7, 104	5, 046	73. 9
1948.....	1, 921	1, 938	3, 320	1, 733	77	-----	7, 76	7, 263	94. 0
1949.....	2, 114	1, 496	3, 809	1, 893	44	-----	-----	58	95. 8
1950.....	2, 466	1, 759	3, 783	2, 173	60	-----	-----	65	100. 8
1951.....	2, 042	1, 839	3, 725	1, 918	82	-----	127	7, 552	93. 8
1952.....	2, 106	1, 763	3, 898	2, 004	29	-----	117	8, 008	98. 2
1953.....	2, 373	1, 617	3, 883	2, 249	32	-----	97	8, 354	97. 9
1954.....	2, 610	1, 639	3, 799	2, 096	20	-----	9	8, 106	96. 3
1955.....	2, 386	1, 930	4, 027	2, 155	37	19	74	8, 350	97. 5
1956.....	2, 510	2, 010	4, 256	2, 249	44	19	95	8, 862	98. 4
1957 (prel.).....	2, 561	1, 905	4, 274	1, 950	30	7	63	8, 713	97. 2

<sup>1</sup> Data from Sugar Division, Commodity Stabilization Service.

<sup>2</sup> Includes raws for processing held by importers other than refiners.

<sup>3</sup> Includes sugar used in manufacture of other commodities. 1940, exports (Department of Commerce, *Foreign Commerce and Navigation*); beginning 1945, quantities delivered for export (Sugar Division, Commodity Stabilization Service).

<sup>4</sup> Data based on allocation audits and records kept by Armed Forces.

<sup>5</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Civilian per capita consumption, 1941-55.

<sup>6</sup> Department of Agriculture net purchases for export amounted to 175,000 tons.

<sup>7</sup> Includes shipments for civilian relief feeding.

Source: Department of Agriculture, Agricultural Marketing Service (except as noted); annual reports, *Agricultural Statistics* and *The Sugar Situation*.

### No. 870.—SUGAR BEETS—ACREAGE, PRODUCTION, PRICES, AND VALUE, 1931 TO 1957, AND BY STATES, 1955 TO 1957

[U. S. totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)	YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)
United States:						Michigan:					
1931-1935.....	799	10.87	8,686	5.42	47,119	1955.....	60	14.7	885	11.10	9,824
1936-1940.....	857	12.20	10,452	5.13	53,569	1956.....	63	11.0	696	13.00	9,048
1941-1945.....	705	12.46	8,782	8.26	72,559	1957 (prel.)..	71	12.8	904	(2)	(2)
1946-1950.....	797	14.09	11,244	11.15	125,395	Minnesota:					
1951-1955.....	743	15.9	11,809	11.46	134,713	1955.....	64	12.0	771	11.10	8,558
1950.....	925	14.6	13,535	11.20	151,293	1956.....	65	12.0	772	12.20	9,413
1951.....	691	15.2	10,482	11.70	122,483	1957 (prel.)..	67	12.3	824	(2)	(2)
1952.....	665	15.3	10,169	12.00	121,970	Montana:					
1953.....	745	16.2	12,084	11.60	140,364	1955.....	50	14.5	724	12.30	8,905
1954.....	876	16.1	14,082	10.80	152,273	1956.....	51	14.8	754	12.70	9,576
1955.....	740	16.5	12,228	11.20	136,477	1957 (prel.)..	57	15.6	894	(2)	(2)
1956.....	785	16.6	13,010	11.90	155,281	Nebraska:					
1957 (prel.)..	883	17.4	15,379	11.00	169,169	1955.....	46	14.4	665	11.30	7,514
California:						1956.....	56	15.1	848	12.90	10,939
1955.....	163	20.7	3,365	10.90	36,678	1957 (prel.)..	60	14.9	894	(2)	(2)
1956.....	171	20.5	3,517	11.40	40,094	North Dakota:					
1957 (prel.)..	196	21.6	4,234	(2)	(2)	1955.....	34	11.7	398	11.30	4,497
Colorado:						1956.....	35	11.4	397	12.20	4,843
1955.....	102	15.9	1,621	11.30	18,317	1957 (prel.)..	39	13.0	502	(2)	(2)
1956.....	121	15.7	1,893	12.30	23,284	Washington:					
1957 (prel.)..	136	17.3	2,361	(2)	(2)	1955.....	28	20.0	553	11.30	6,249
Idaho:						1956.....	30	23.2	707	11.50	8,130
1955.....	77	18.7	1,433	11.30	16,193	1957 (prel.)..	34	24.0	826	(2)	(2)
1956.....	75	20.7	1,549	11.40	17,659	Wyoming:					
1957 (prel.)..	88	20.0	1,760	(2)	(2)	1955.....	30	13.9	421	11.40	4,799
						1956.....	34	14.0	472	12.60	5,947
						1957 (prel.)..	37	15.1	559	(2)	(2)

<sup>1</sup> Season average price received by farmers. Beginning 1934, excludes Government payments under Sugar Act. Price support payments for 1943-1945 included.

<sup>2</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

### No. 871.—SUGARCANE, CANE SUGAR, AND MOLASSES—ACREAGE, PRODUCTION, AND VALUE: 1930 TO 1957

[Tons are of 2,000 pounds]

YEAR	SUGARCANE FOR SUGAR AND SEED					SUGAR PRODUCED			MOLASSES MADE	
	Acres harvested	Yield per acre <sup>1</sup>	Production	Price per ton <sup>2</sup>	Farm value	Raw value <sup>3</sup>	Equivalent refined <sup>4</sup>	Sugar per ton of cane, raw value <sup>5</sup>	Total <sup>6</sup>	Blackstrap <sup>6</sup>
	1,000 acres	Tons	1,000 tons	Dollars	\$1,000	1,000 tons	1,000 tons	Pounds	1,000 gallons	1,000 gallons
1930.....	203.5	15.5	3,153	3.31	10,430	215	201	143	19,089	14,234
1935.....	275.4	18.4	5,064	3.15	15,940	382	357	164	30,788	24,790
1940.....	271.9	15.9	4,313	2.86	12,355	332	311	172	24,970	22,171
1945.....	285.4	23.5	6,707	5.67	38,016	475	443	152	49,955	34,773
1950.....	333.5	20.8	6,944	7.80	54,153	564	527	174	49,206	44,867
1951.....	318.9	19.2	6,118	6.35	38,846	419	392	146	48,363	45,079
1952.....	338.7	22.5	7,605	6.94	52,802	605	566	169	56,650	52,573
1953.....	344.0	22.1	7,619	7.24	55,197	630	589	175	52,033	49,075
1954.....	305.3	24.0	7,339	6.94	50,935	610	570	177	48,997	46,177
1955.....	283.9	25.5	7,248	6.50	47,096	574	536	168	52,629	49,436
1956.....	253.2	25.6	6,483	8.03	52,052	561	525	187	43,061	40,677
1957 (prel.)..	288.8	26.5	7,666	7.01	53,727	620	580	146	50,000	(7)

<sup>1</sup> Growth of 9 months in Louisiana and 12 months in Florida. Sugar season usually ends by December or early January in Louisiana and in Florida by March following season of growth.

<sup>2</sup> Season average price received by farmers. Prices exclude Government payments under the Sugar Act. Price support payments for 1945 included.

<sup>3</sup> Raw value equals 96° raw sugar as defined in Sugar Act of 1948.

<sup>4</sup> Calculated on basis of 100 pounds of raw sugar required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Sirup production excluded. See table 872.

<sup>6</sup> Converted to 80° Brix beginning with 1935. Data for previous years as reported. <sup>7</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service; annual reports, *Agricultural Statistics and The Sugar Situation*.

# No. 872.—SUGARCANE SIRUP—PRODUCTION, 1945 TO 1957, AND BY STATES, 1955 TO 1957

[Excludes sorghum, sometimes confused with sugarcane. See table 871 for molasses, a byproduct of sugar refineries not included in this table]

STATE AND YEAR	Cane harvested for sirup	Sirup produced	STATE AND YEAR	Cane harvested for sirup	Sirup produced
	<i>Acres</i>	<i>1,000 gallons</i>		<i>Acres</i>	<i>1,000 gallons</i>
All States:			Georgia:		
1945.....	131,000	28,251	1955.....	4,000	720
1946.....	114,000	23,335	1956.....	5,000	900
1947.....	103,000	18,545	1957.....	4,000	740
1948.....	67,000	11,245	Alabama:		
1949.....	58,000	9,745	1955.....	4,000	440
1950.....	46,000	8,775	1956.....	3,000	300
1951.....	29,000	5,510	1957.....	3,000	285
1952.....	25,000	5,540	Mississippi:		
1953.....	22,000	4,805	1955.....	4,000	600
1954.....	24,000	4,730	1956.....	3,000	420
1955.....	19,000	4,910	1957.....	4,000	640
1956.....	18,000	3,895	Louisiana:		
1957.....	15,000	3,405	1955.....	7,000	3,150
			1956.....	7,000	2,275
			1957.....	4,000	1,740

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Crop Production and Crop Values*.

# No. 873.—MAPLE SIRUP AND SUGAR—PRODUCTION, 1909 TO 1957, AND BY STATES, 1955 TO 1957

STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>	STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>
		<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 pounds</i>			<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 pounds</i>
CENSUS DATA					ANNUAL DATA—Con.				
United States:	1,000				Massachusetts—Con.	1,000			
1909.....	18,900	14,024	4,105	46,912	1955.....	110	6	48	384
1919.....	17,487	9,692	3,508	37,754	1957.....	117	( <sup>2</sup> )	47	376
1929.....	( <sup>2</sup> )	1,341	2,341	20,070	Michigan:				
1939.....	9,955	356	2,456	20,007	1955.....	332	3	72	579
1949.....	7,760	149	1,480	11,876	1956.....	299	1	65	520
1954.....	5,509	94	1,329	10,727	1957.....	281	( <sup>2</sup> )	70	590
ANNUAL DATA					Minnesota:				
Total (11 States): <sup>3</sup>					1955.....	47	-----	4	32
1945.....	7,685	202	1,030	8,442	1956.....	42	-----	8	64
1946.....	8,296	310	1,355	11,150	1957.....	42	( <sup>2</sup> )	10	80
1947.....	8,901	305	2,066	16,833	New Hampshire:				
1948.....	8,487	223	1,502	12,239	1955.....	215	3	48	387
1949.....	8,390	205	1,599	12,997	1956.....	191	9	50	401
1950.....	8,090	246	2,006	16,294	1957.....	189	( <sup>2</sup> )	65	520
1951.....	7,301	177	1,742	14,113	New York:				
1952.....	6,802	147	1,603	12,971	1955.....	1,694	52	491	3,980
1953.....	6,385	95	1,208	9,759	1956.....	1,643	34	431	3,449
1954.....	6,391	132	1,656	13,880	1957.....	1,610	( <sup>2</sup> )	503	4,024
1955.....	6,300	121	1,594	12,873	Ohio:				
1956.....	5,979	101	1,559	12,573	1955.....	378	1	113	905
1957.....	5,762	( <sup>2</sup> )	1,833	14,664	1956.....	359	( <sup>2</sup> )	153	1,221
Maine: <sup>3</sup>					1957.....	330	( <sup>2</sup> )	91	728
1955.....	86	7	12	103	Pennsylvania:				
1956.....	81	1	11	89	1955.....	345	6	103	830
1957.....	77	( <sup>2</sup> )	18	144	1956.....	331	7	114	912
Maryland:					1957.....	311	( <sup>2</sup> )	82	656
1955.....	27	2	11	90	Vermont:				
1956.....	24	2	12	98	1955.....	2,668	37	629	5,069
1957.....	23	( <sup>2</sup> )	9	72	1956.....	2,535	34	602	4,816
Massachusetts:					1957.....	2,383	( <sup>2</sup> )	819	6,552
1955.....	129	6	54	438	Wisconsin:				
					1955.....	379	4	57	460
					1956.....	364	6	77	619
					1957.....	389	( <sup>2</sup> )	119	952

<sup>1</sup> 1 gallon of sirup taken as equivalent to 8 pounds of sugar.

<sup>2</sup> Not available.

<sup>3</sup> Excludes production on nonfarm lands in Somerset County, Maine.

<sup>4</sup> Beginning 1957, not reported separately.

Source: Census data—Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II. Annual data—Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*. Data also published in *Crops and Markets* and in annual summary, *Crop Production*.

# No. 874.—SELECTED ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1955 TO 1957

[In millions of pounds. Data cover factory operations only, and therefore exclude considerable quantities of lard, tallow, and grease produced on farms and by local butcheries and small renderers, and quantities consumed and held in homes, or by hotels, restaurants, bakeries, and quantities consumed and held by painters, building contractors, garages, etc. Stocks include amounts held by and in transit to producers, factory consumers, and public storages, but exclude amounts held in private storages by retailers, wholesalers, and jobbers]

PRODUCT	1955			1956			1957 (prel.)		
	Pro- duc- tion	Con- sump- tion	Stocks, Dec. 31	Pro- duc- tion	Con- sump- tion	Stocks, Dec. 31	Pro- duc- tion	Con- sump- tion	Stocks, Dec. 31
<b>VEGETABLE OILS</b>									
Cottonseed, crude.....	1,810	1,607	192	1,826	1,593	178	1,595	1,294	124
Cottonseed, refined.....	1,502	1,489	378	1,492	1,436	237	1,204	1,302	132
Peanut, crude.....	18	50	2	81	77	5	98	78	9
Peanut, refined.....	47	37	3	73	45	6	74	46	5
Corn, crude.....	268	276	17	272	284	13	273	284	11
Corn, refined.....	256	241	7	265	259	9	264	254	6
Soybean, crude.....	2,827	2,772	138	3,200	3,031	141	3,475	2,899	281
Soybean, refined.....	2,559	2,487	80	2,765	2,701	92	2,743	2,675	125
Coconut, crude.....	431	557	276	422	607	270	425	633	257
Coconut, refined.....	364	372	13	383	369	16	411	400	12
Linseed, raw.....	618	539	136	620	517	115	566	407	89
Linseed, refined.....	243	263	32	244	246	38	229	241	37
Chinawood or tung.....	10	50	29	13	46	20	30	43	30
Castor, crude (Nos. 1 and 3).....	50	120	235	25	118	225	( <sup>9</sup> )	117	231
<b>ANIMAL FATS AND FISH OILS</b>									
Lard, rendered and refined.....	2,452	2,439	147	2,565	2,570	112	2,368	2,471	101
Tallow, edible, incl. refined.....	207	168	15	228	194	19	296	283	20
Tallow and grease, inedible.....	2,592	1,592	200	2,730	1,581	342	2,706	1,607	270
Tallow and grease, inedible, refined.....	211	204	9	162	159	11	149	144	8
Fish oils.....	190	75	79	190	72	70	145	86	50
<b>SECONDARY PRODUCTS</b>									
Winterized oil.....	696	455	34	728	438	40	700	430	34
Deodorized oil.....	591	137	7	1,085	194	13	855	195	19
Hydrogenated oils and fats, edible:									
Vegetable:									
Cottonseed.....	541	530	23	477	443	21	398	368	17
Soybean.....	1,185	1,100	40	1,124	1,064	38	1,253	1,166	44
Other.....	79	53	3	85	62	3	81	58	4
Animal fats and oils.....	32	20	1	36	14	1	39	18	2
Shortening.....	1,975	( <sup>9</sup> )	143	1,842	( <sup>9</sup> )	122	1,808	( <sup>9</sup> )	120
Margarine.....	1,333	( <sup>9</sup> )	24	1,369	( <sup>9</sup> )	28	1,493	( <sup>9</sup> )	26
Hydrogenated oils and fats, inedible:									
Vegetable.....	10	18	2	10	20	2	7	18	2
Animal.....	42	56	3	42	51	4	42	49	4
Chemically dehydrated castor oil.....	22	( <sup>9</sup> )	104	21	( <sup>9</sup> )	103	17	( <sup>9</sup> )	102
Tall oil, crude.....	584	365	62	598	469	80	564	547	90
Tall oil, refined.....	124	89	12	143	104	14	147	90	18
Glycerin, crude (100% basis) <sup>11</sup> .....	228	251	18	244	287	16	240	256	20
Glycerin (100% basis) refined, all grades <sup>11</sup> .....	242	192	34	262	192	51	248	200	61

<sup>1</sup> Data for production collected by Department of Agriculture.

<sup>2</sup> Data are on a commercial stocks basis and exclude figures for stockpiles of strategic oils. 1955 stock figures for castor oil exclude 9,807,000 pounds held by Commodity Credit Corporation.

<sup>3</sup> Withheld to avoid disclosure of individual companies.

<sup>4</sup> Collected by Department of Agriculture. Represents only rendered lard.

<sup>5</sup> Excludes quantities used in refining.

<sup>6</sup> Represents quantities of rendered tallow only.

<sup>7</sup> Includes data for menhaden, sardine, and fish oils other than cod and cod liver; production figures collected by Fish and Wildlife Service, Department of the Interior.

<sup>8</sup> Excludes winterized-deodorized oil, hydrogenated-deodorized oil, and cooking and salad oil.

<sup>9</sup> Not available.

<sup>10</sup> Represents quantities held by producing firms only.

<sup>11</sup> Includes data for synthetic glycerin.

Source: Department of Commerce, Bureau of the Census; annual report, *Animal and Vegetable Fats and Oils* (Facts for Industry, Series M17-1b).

**No. 875.—LIVESTOCK—NUMBER, VALUE PER HEAD, PRODUCTION, AND PRICES:  
1930 TO 1958**

[See also *Historical Statistics, 1789-1945*, series E 117-134]

YEAR	NUMBER ON FARMS AND VALUE PER HEAD									
	All cattle		Hogs (incl. pigs)		Stock sheep		Horses <sup>1</sup>		Mules <sup>1</sup>	
	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head
CENSUS DATA <sup>2</sup>										
1930 (Apr. 1) -----	54,250	58.70	32,794	17.20	41,780	8.21	13,384	67.51	5,354	82.60
1940 (Apr. 1) -----	60,675	42.82	34,037	8.36	40,129	5.99	10,087	75.92	3,845	113.46
1945 (Jan. 1) -----	82,654	67.78	46,735	21.14	41,224	8.71	8,499	64.17	3,130	186.83
1950 (Apr. 1) -----	76,762	119.02	55,722	19.70	31,387	17.69	5,402	49.50	2,202	95.28
1954 (Oct.-Nov.) -----	95,027	86.64	57,093	33.13	31,619	14.93	4,141	56.09	-----	-----
ANNUAL DATA (JAN. 1)										
1940.-----	68,309	40.60	61,165	7.78	46,266	6.35	10,444	77.30	4,034	116.00
1941.-----	71,755	43.20	54,353	8.34	47,441	6.77	10,193	68.20	3,911	107.00
1942.-----	76,025	55.00	60,607	15.60	49,346	8.66	9,873	64.70	3,782	107.00
1943.-----	81,204	69.30	73,581	22.50	48,196	9.68	9,605	70.80	3,626	127.00
1944.-----	85,334	68.40	83,741	17.50	44,270	8.68	9,192	78.60	3,421	143.00
1945.-----	85,573	66.90	59,373	20.60	39,609	8.45	8,715	64.90	3,235	134.00
1946.-----	82,235	76.20	61,306	24.00	35,525	9.57	8,081	57.50	3,027	133.00
1947.-----	80,554	97.50	56,810	36.00	31,805	12.20	7,340	59.30	2,789	141.00
1948.-----	77,171	117.00	54,590	42.90	29,486	15.00	6,704	55.70	2,575	133.00
1949.-----	76,830	135.00	56,257	38.30	26,940	17.00	6,096	52.50	2,402	116.00
1950.-----	77,963	124.00	58,937	27.10	26,182	17.80	7,781	61.30	-----	-----
1951.-----	82,083	160.00	62,269	33.30	27,251	26.50	7,036	54.60	-----	-----
1952.-----	88,072	179.00	62,117	29.90	27,944	28.00	6,150	53.90	-----	-----
1953.-----	94,241	128.00	51,755	26.10	27,593	15.70	5,403	53.00	-----	-----
1954.-----	95,679	92.00	45,114	36.60	27,079	13.80	4,791	52.90	-----	-----
1955.-----	96,592	88.20	50,474	30.60	27,137	14.90	4,309	56.20	-----	-----
1956.-----	96,804	88.00	55,173	17.70	27,012	14.30	3,928	62.60	-----	-----
1957.-----	94,502	91.60	51,703	24.70	26,538	14.90	3,574	71.60	-----	-----
1958 (prel.)-----	93,967	120.00	51,559	30.10	27,390	19.40	3,348	83.90	-----	-----
LIVE WEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS, PER 100 POUNDS										
YEAR	All cattle			Hogs		Sheep				
	Production <sup>4</sup> (1,000 lbs.)	Price, beef cattle	Price, veal calves	Production <sup>4</sup> (1,000 lbs.)	Price	Production <sup>4</sup> (1,000 lbs.)	Price, sheep	Price, lambs		
1940.-----	15,702,110	\$7.56	\$8.83	17,044,404	\$5.39	2,100,928	\$3.95	\$8.10		
1941.-----	17,029,460	8.82	10.30	17,489,485	9.09	2,251,390	5.06	9.58		
1942.-----	18,567,995	10.70	12.30	21,105,133	13.00	2,313,319	5.80	11.70		
1943.-----	19,159,375	11.90	13.30	25,374,715	13.70	2,107,891	6.57	13.00		
1944.-----	19,708,295	10.80	12.40	20,582,873	13.10	1,938,299	6.01	12.50		
1945.-----	19,517,065	12.10	13.00	18,843,444	14.00	1,911,980	6.38	13.10		
1946.-----	18,998,709	14.50	15.20	18,744,289	17.50	1,761,938	7.48	15.60		
1947.-----	19,129,845	18.40	20.40	18,159,260	24.10	1,566,857	8.39	20.50		
1948.-----	18,401,950	22.20	24.40	18,222,058	23.10	1,383,456	9.69	22.80		
1949.-----	19,274,489	19.80	22.60	19,457,476	18.10	1,277,713	9.27	22.40		
1950.-----	21,185,248	23.30	26.30	20,213,732	18.00	1,335,720	11.60	25.10		
1951.-----	22,990,053	28.70	31.90	21,436,178	20.00	1,371,614	16.00	31.00		
1952.-----	24,932,623	24.30	25.80	19,726,620	17.80	1,470,752	10.00	24.30		
1953.-----	27,405,041	16.30	16.70	16,800,404	21.40	1,538,438	6.67	19.30		
1954.-----	27,580,320	16.00	16.50	15,218,278	21.60	1,607,312	6.14	19.10		
1955.-----	28,089,500	15.60	16.70	20,044,148	15.00	1,616,714	5.81	18.40		
1956.-----	27,854,645	14.90	16.00	18,832,582	14.40	1,563,886	5.64	18.50		

<sup>1</sup> Jan. 1 estimates include colts. Mules included with horses, Census figures, 1954, and USDA figures, beginning 1950.

<sup>2</sup> Census figures for 1945, 1950, and 1954, animals of all ages; 1930, animals 3 months and over except sheep (6 months and over); 1940, animals over 3 months, except hogs (over 4 months) and sheep (over 6 months).

<sup>3</sup> Not available for Florida, Georgia, and South Carolina.

<sup>4</sup> Includes adjustment for livestock shipped in and inventory changes.

Source: Census data—Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II. All other data—Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and annual livestock summaries.

## No. 876.—LIVESTOCK ON FARMS—NUMBER, BY KIND, BY STATES: 1954 AND 1958

[In thousands]

STATE	HORSES AND MULES		ALL CATTLE		MILK COWS		SHEEP AND LAMBS		HOGS AND PIGS	
	1954 (Nov.)	1958 (Jan. 1)	1954 (Nov.)	1958 (Jan. 1)	1954 (Nov.)	1958 (Jan. 1)	1954 (Nov.)	1958 (Jan. 1)	1954 (Nov.)	1958 (Jan. 1)
United States.....	4, 141	3, 348	95, 027	93, 967	20, 183	22, 357	231, 619	31, 328	57, 093	51, 559
The North.....	1, 265	926	48, 178	48, 117	12, 824	14, 027	10, 464	10, 889	44, 880	39, 129
The South.....	2, 246	1, 847	29, 805	29, 557	5, 437	6, 107	7, 798	7, 234	10, 916	11, 161
The West.....	630	575	17, 044	16, 293	1, 921	2, 223	13, 357	13, 205	1, 297	1, 269
New England.....	43	40	1, 185	1, 088	660	708	84	89	188	219
Maine.....	12	10	228	200	107	110	33	42	28	10
New Hampshire.....	5	5	118	103	59	63	10	9	14	12
Vermont.....	15	12	460	441	269	301	14	14	15	11
Massachusetts.....	6	7	181	161	107	109	14	12	106	144
Rhode Island.....	1	1	24	23	16	17	2	2	7	11
Connecticut.....	4	5	175	160	102	108	10	10	18	22
Middle Atlantic.....	141	110	4, 307	4, 253	2, 312	2, 629	480	456	953	831
New York.....	67	48	2, 229	2, 175	1, 297	1, 438	194	184	164	126
New Jersey.....	8	10	222	220	139	152	18	18	185	192
Pennsylvania.....	65	62	1, 857	1, 868	876	1, 039	268	254	605	513
East North Central.....	363	250	14, 455	14, 691	5, 144	5, 661	3, 357	3, 308	16, 790	15, 999
Ohio.....	79	61	2, 361	2, 344	804	893	1, 262	1, 270	2, 771	2, 586
Indiana.....	58	37	2, 205	2, 217	581	564	547	582	4, 480	4, 474
Illinois.....	83	54	3, 820	4, 021	757	807	767	750	6, 497	6, 470
Michigan.....	43	36	1, 839	1, 811	778	845	465	407	789	650
Wisconsin.....	100	62	4, 230	4, 298	2, 223	2, 552	317	299	2, 253	1, 819
West North Central.....	718	526	28, 230	28, 085	4, 708	5, 029	6, 542	7, 036	26, 949	22, 080
Minnesota.....	108	67	3, 642	3, 938	1, 344	1, 627	1, 001	988	4, 271	3, 233
Iowa.....	97	74	6, 062	6, 410	1, 041	1, 067	1, 383	1, 554	13, 284	10, 781
Missouri.....	152	113	3, 778	3, 866	797	845	819	881	3, 193	3, 592
North Dakota.....	89	67	2, 104	1, 870	361	374	668	678	537	347
South Dakota.....	82	67	3, 440	3, 294	290	328	1, 395	1, 471	1, 900	1, 243
Nebraska.....	100	73	4, 899	4, 675	423	424	682	739	2, 861	2, 044
Kansas.....	91	65	4, 305	4, 032	453	464	555	725	902	840
South Atlantic.....	737	611	7, 375	7, 597	1, 785	2, 002	715	824	5, 109	5, 060
Delaware.....	4	3	66	65	31	34	4	4	41	34
Maryland.....	23	16	511	514	219	248	45	52	231	199
Virginia.....	121	102	1, 365	1, 382	394	427	317	327	751	691
West Virginia.....	59	48	597	546	186	191	303	301	183	106
North Carolina.....	237	198	948	984	350	379	46	61	1, 419	1, 406
South Carolina.....	116	96	615	626	147	174	(*)	14	571	534
Georgia.....	143	113	1, 626	1, 546	299	326	(*)	56	1, 493	1, 695
Florida.....	34	35	1, 647	1, 934	159	223	(*)	9	420	395
East South Central.....	827	691	7, 534	7, 846	1, 991	2, 229	963	1, 135	3, 666	4, 066
Kentucky.....	209	183	1, 672	1, 807	556	641	536	623	1, 060	1, 189
Tennessee.....	210	180	1, 746	1, 736	617	654	282	319	1, 057	1, 183
Alabama.....	165	130	1, 796	1, 816	320	376	55	83	889	930
Mississippi.....	243	198	2, 320	2, 487	497	558	90	110	660	764
West South Central.....	682	545	14, 896	14, 114	1, 662	1, 876	6, 120	5, 275	2, 140	2, 035
Arkansas.....	128	106	1, 504	1, 507	320	343	53	72	426	394
Louisiana.....	145	109	1, 850	1, 883	265	345	110	95	401	386
Oklahoma.....	109	88	3, 302	2, 988	388	389	223	244	407	347
Texas.....	300	242	8, 240	7, 736	689	799	5, 734	4, 864	906	908
Mountain.....	458	426	10, 683	10, 015	687	760	10, 194	10, 191	593	585
Montana.....	95	88	2, 600	2, 294	99	96	1, 732	1, 691	129	112
Idaho.....	56	49	1, 357	1, 388	209	238	1, 198	1, 121	122	100
Wyoming.....	53	51	1, 235	1, 151	39	40	2, 084	2, 174	37	34
Colorado.....	72	69	2, 098	1, 910	151	156	1, 914	1, 756	171	177
New Mexico.....	65	59	1, 160	1, 056	43	50	1, 011	1, 208	40	35
Arizona.....	60	57	950	943	41	52	489	445	21	34
Utah.....	35	32	728	706	92	112	1, 397	1, 362	60	75
Nevada.....	22	21	555	567	13	16	370	434	14	18
Pacific.....	172	149	6, 361	6, 278	1, 234	1, 463	3, 162	3, 014	704	684
Washington.....	40	34	1, 126	1, 133	247	289	252	267	119	111
Oregon.....	50	44	1, 490	1, 412	197	219	861	881	136	131
California.....	82	71	3, 745	3, 733	791	955	2, 059	1, 866	449	442

\* Represents cows and heifers 2 years old and over kept for milk.

† For States for which data are available. ‡ Not available.

Source: 1954 data, Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II. 1958 data, Department of Agriculture, Agricultural Marketing Service; annual livestock summaries.

## No. 877.—LIVESTOCK ON FARMS—VALUE BY STATES: 1940, 1950, AND 1954

[In thousands of dollars. 1950 and 1954 cover horses, mules, cattle, hogs, sheep, goats (7 States), chickens, and turkeys; 1940 excludes young animals]

STATE	1940	1950	1954	STATE	1940	1950	1954
<b>United States..</b>	<b>4,533,386</b>	<b>11,667,312</b>	<b>11,244,661</b>	<b>South Atlantic—Con.</b>			
<b>The North.....</b>	<b>2,557,949</b>	<b>6,480,799</b>	<b>6,814,930</b>	Maryland.....	31,457	71,893	63,206
<b>The South.....</b>	<b>1,331,101</b>	<b>3,214,616</b>	<b>2,438,839</b>	Dist. of Columbia..	77	51	(1)
<b>The West.....</b>	<b>644,336</b>	<b>1,971,597</b>	<b>1,990,892</b>	Virginia.....	73,061	186,708	150,512
<b>New England.....</b>	<b>92,468</b>	<b>184,394</b>	<b>173,719</b>	West Virginia.....	36,516	80,663	58,034
Maine.....	16,870	30,393	28,535	North Carolina.....	89,926	146,287	132,628
New Hampshire.....	9,534	18,004	17,902	South Carolina.....	43,092	72,268	64,446
Vermont.....	28,065	58,493	58,191	Georgia.....	81,792	143,680	134,064
Massachusetts.....	19,722	40,028	36,987	Florida.....	26,929	101,673	103,408
Rhode Island.....	2,603	5,323	4,773	<b>East South Central..</b>	<b>358,242</b>	<b>801,455</b>	<b>609,236</b>
Connecticut.....	15,674	32,153	32,332	Kentucky.....	103,422	267,415	183,391
<b>Middle Atlantic.....</b>	<b>336,553</b>	<b>697,864</b>	<b>657,441</b>	Tennessee.....	97,706	215,817	167,121
New York.....	173,442	349,391	303,764	Alabama.....	73,915	154,287	116,030
New Jersey.....	27,672	65,467	69,691	Mississippi.....	83,198	173,936	142,094
Pennsylvania.....	135,439	283,006	283,985	<b>West South Central.</b>	<b>584,149</b>	<b>1,600,372</b>	<b>1,114,347</b>
<b>East North Central..</b>	<b>893,493</b>	<b>2,158,965</b>	<b>2,197,628</b>	Arkansas.....	70,071	132,709	96,234
Ohio.....	156,908	352,495	366,715	Louisiana.....	60,646	147,861	116,884
Indiana.....	134,167	331,213	377,544	Oklahoma.....	108,485	300,242	238,603
Illinois.....	209,239	564,483	617,078	Texas.....	344,946	1,019,561	662,625
Michigan.....	136,085	262,834	237,274	<b>Mountain.....</b>	<b>395,307</b>	<b>1,264,265</b>	<b>1,198,146</b>
Wisconsin.....	256,504	647,941	599,017	Montana.....	82,255	253,354	297,866
<b>West North Central.</b>	<b>1,235,433</b>	<b>3,439,576</b>	<b>3,786,143</b>	Idaho.....	50,990	150,086	160,981
Minnesota.....	227,946	535,226	550,523	Wyoming.....	61,389	178,885	153,040
Iowa.....	335,773	889,798	1,129,846	Colorado.....	71,597	201,143	224,373
Missouri.....	188,776	493,729	438,206	New Mexico.....	45,319	162,111	105,662
North Dakota.....	79,479	201,506	244,063	Arizona.....	30,289	90,105	100,285
South Dakota.....	104,166	364,750	419,470	Utah.....	32,255	103,817	97,561
Nebraska.....	180,581	495,180	535,062	Nevada.....	21,212	64,764	58,377
Kansas.....	138,722	459,366	418,975	<b>Pacific.....</b>	<b>249,030</b>	<b>707,332</b>	<b>792,746</b>
<b>South Atlantic.....</b>	<b>388,710</b>	<b>813,089</b>	<b>715,256</b>	Washington.....	48,400	118,065	125,136
Delaware.....	5,861	9,865	8,959	Oregon.....	55,976	141,040	159,988
				California.....	144,593	448,227	507,621

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 878.—LIVESTOCK—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1931 TO 1957

Milk cows, dollars per head; others in dollars per 100 pounds, live weight. Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices. See also *Historical Statistics, 1789-1945*, series E 128, 129, 131, 133, 134, 139, 143, 147, and 151]

PERIOD	Milk cows at local market, per head	BEEF CATTLE <sup>1</sup>		CALVES		SHEEP		LAMBS		HOGS	
		Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago
1931-1935.....	40.18	4.74	7.44	5.72	7.08	2.87	2.81	5.67	7.37	5.08	5.57
1936-1940.....	57.16	6.81	9.97	8.09	9.91	3.94	4.04	7.97	9.64	7.65	8.06
1941-1945.....	98.68	10.86	14.41	12.26	14.36	5.96	6.45	11.98	13.89	12.58	13.14
1946-1950.....	170.20	19.64	26.20	21.78	25.92	9.29	9.85	21.28	23.83	20.16	20.46
1951-1955.....	192.00	20.18	27.71	21.52	28.90	8.92	8.76	22.42	25.21	19.16	19.17
1950.....	198.00	23.30	29.35	26.30	31.08	11.60	12.19	25.10	27.54	18.00	18.20
1951.....	247.00	28.70	35.72	31.90	37.19	16.00	16.93	31.00	34.31	20.00	20.12
1952.....	246.00	24.30	32.38	25.80	34.42	10.00	9.42	24.30	26.76	17.80	17.94
1953.....	177.00	16.30	23.62	16.70	25.04	6.67	6.46	19.30	22.46	21.40	21.65
1954.....	149.00	16.00	24.23	16.50	23.07	6.14	5.71	19.10	21.59	21.60	21.32
1955.....	146.00	15.60	22.59	16.70	24.80	5.81	5.18	18.40	20.95	15.00	14.80
1956.....	153.00	14.90	22.00	16.00	23.62	5.61	5.12	18.50	21.12	14.40	14.36
1957.....	166.00	17.20	23.48	18.70	25.93	6.10	6.55	19.90	22.37	17.80	17.89

<sup>1</sup> Chicago prices are for beef steers, all grades, excluding western.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

No. 879.—LIVESTOCK—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS:  
1950 to 1957

[In thousands. Total for all stockyards reporting covers about 65 stockyards]

ITEM AND YEAR	Total, all stock- yards report- ing	9 STOCKYARDS									All other stock- yards report- ing	
		Total	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Jo- seph	St. Louis National Stock Yards	Sioux City		South St. Paul
CATTLE												
Receipts:												
1950.....	17,917	10,100	1,780	872	540	1,438	1,638	566	863	1,292	1,111	7,817
1953.....	22,374	12,547	2,298	1,017	997	1,597	2,162	773	1,224	1,321	1,157	9,827
1954.....	23,195	12,589	2,271	1,027	895	1,602	2,261	776	1,142	1,404	1,210	10,606
1955.....	22,507	12,570	2,317	1,032	818	1,594	2,316	799	1,079	1,386	1,229	9,937
1956.....	23,538	13,186	2,482	1,034	912	1,815	2,227	815	1,244	1,408	1,249	10,352
1957.....	21,085	11,860	2,548	868	611	1,388	1,998	726	1,094	1,408	1,219	9,225
Shipments:												
1950.....	8,357	4,304	630	478	245	764	674	176	217	796	323	4,053
1953.....	(1)	5,247	1,046	421	329	798	917	223	448	784	281	(1)
1954.....	(1)	5,280	982	393	379	842	956	228	256	935	309	(1)
1955.....	(1)	5,199	1,069	346	356	854	887	239	227	920	301	(1)
1956.....	(1)	5,333	1,242	301	348	985	818	239	299	787	314	(1)
1957.....	(1)	4,607	1,206	235	219	732	662	198	184	749	332	(1)
CALVES												
Receipts:												
1950.....	5,225	1,850	115	107	276	213	107	58	379	105	491	3,375
1953.....	5,630	2,193	122	137	306	344	160	92	450	106	476	3,437
1954.....	5,837	2,176	113	136	275	342	160	87	411	127	526	3,661
1955.....	5,036	1,871	125	112	223	259	120	75	302	118	537	3,165
1956.....	5,343	2,139	132	111	244	400	134	75	331	148	564	3,204
1957.....	4,482	1,724	85	100	187	295	93	51	259	134	520	2,758
Shipments:												
1950.....	2,389	838	12	84	211	112	39	24	95	87	174	1,551
1953.....	(1)	834	18	94	124	175	52	35	145	65	126	(1)
1954.....	(1)	813	21	101	110	181	62	25	111	68	139	(1)
1955.....	(1)	716	12	69	121	149	52	20	77	68	148	(1)
1956.....	(1)	930	17	68	132	257	48	21	86	143	158	(1)
1957.....	(1)	838	10	81	127	188	33	22	55	132	190	(1)
SHEEP AND LAMBS												
Receipts:												
1950.....	15,435	7,966	654	1,880	1,055	1,042	899	673	676	494	624	7,439
1953.....	15,960	7,834	835	1,776	954	684	955	667	627	578	757	8,126
1954.....	15,573	7,515	474	1,567	1,083	749	968	685	610	624	755	8,058
1955.....	15,332	7,631	643	1,481	1,137	781	952	614	632	561	829	7,701
1956.....	15,005	7,627	562	1,648	1,170	860	817	593	620	536	821	7,378
1957.....	12,710	6,589	496	1,470	920	698	818	515	477	443	752	6,121
Shipments:												
1950.....	8,859	4,133	230	1,367	582	573	359	208	233	260	320	4,726
1953.....	(1)	3,314	210	1,198	284	415	286	152	209	217	343	(1)
1954.....	(1)	3,307	168	1,016	321	536	305	165	204	272	320	(1)
1955.....	(1)	3,176	226	775	289	532	301	118	237	363	335	(1)
1956.....	(1)	3,202	183	743	322	613	327	139	232	353	290	(1)
1957.....	(1)	2,537	152	576	203	506	304	119	139	308	230	(1)
HOGS												
Receipts:												
1950.....	35,325	18,479	3,670	1,092	687	758	2,734	1,610	3,109	2,044	2,775	16,846
1953.....	29,638	15,956	3,187	716	540	576	2,296	1,494	2,705	1,925	2,516	13,682
1954.....	29,043	15,479	2,979	602	508	520	2,386	1,409	2,626	1,807	2,642	13,564
1955.....	34,204	18,582	3,291	602	652	592	3,376	1,732	2,936	2,078	3,322	15,622
1956.....	36,310	18,992	3,198	622	679	750	3,289	1,788	3,582	1,883	3,201	17,318
1957.....	31,924	16,697	2,603	542	567	785	2,916	1,530	3,350	1,619	2,785	15,227
Shipments:												
1950.....	11,459	4,225	499	465	59	291	553	205	833	735	584	7,234
1953.....	(1)	3,448	528	175	20	145	551	223	693	619	494	(1)
1954.....	(1)	3,217	514	82	8	103	578	195	528	721	488	(1)
1955.....	(1)	4,123	788	43	10	115	656	284	622	1,014	501	(1)
1956.....	(1)	3,880	677	35	22	135	573	334	668	856	580	(1)
1957.....	(1)	3,610	615	30	20	153	546	342	483	850	571	(1)

1 Not available.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and annual livestock summaries.



**No. 880.—ANIMALS BUTCHERED ON FARMS AND ANIMALS SOLD ALIVE—FARMS REPORTING, NUMBER, AND VALUE, BY KIND: 1949 AND 1954**

ITEM	1949						1954						
	Cattle and calves			Hogs and pigs	Sheep and lambs	Horses and mules	Cattle and calves			Hogs and pigs	Sheep and lambs	Horses and mules	
	Total	Cattle	Calves				Total	Cattle	Calves				
Animals butchered:													
Farms reporting 1,000...	960	461	536	3,087	2 22	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Number....do....	1,267	557	710	7,369	2 187	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Animals sold alive:													
Farms reporting 1,000...	2,983	1,868	2,311	2,098	272	256	2,611	1,825	2,051	1,424	289	115	
Number....do....	36,319	20,692	15,627	65,512	20,003	622	44,351	24,223	20,128	57,419	22,236	252	
Value...mil. dol..	4,297	3,374	923	2,386	341	40	4,283	3,317	966	2,279	328	25	

<sup>1</sup> Not available for Florida, Georgia, and South Carolina.

<sup>2</sup> Totals for Mountain and Pacific States and Texas.

<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

**No. 881.—MEAT—SLAUGHTERING, PRODUCTION, AND PRICES: 1931 TO 1957**

[Prices are simple averages of monthly prices at Chicago, except those for beef which are weighted average prices at Chicago. See also *Historical Statistics, 1789-1945*, series E 136-151]

YEAR OR YEARLY AVERAGE	ANIMALS SLAUGHTERED (1,000 head)		Price (live weight) per cwt. (dollars)	Production, dressed weight (million pounds)	ANIMALS SLAUGHTERED (1,000 head)		Price (live weight) per cwt. (dollars)	Production, dressed weight (million pounds)
	Total <sup>1</sup>	Under Federal inspection			Total <sup>1</sup>	Under Federal inspection		
	BEEF <sup>2</sup>				VEAL			
1931-1935.....	13,364	8,790	7.44	6,618	8,885	5,175	7.08	959
1936-1940.....	15,110	10,001	9.97	7,051	9,580	5,693	9.91	1,030
1941-1945.....	18,766	12,696	14.41	8,977	11,359	6,244	14.36	1,351
1946-1950.....	19,757	13,249	26.20	9,571	12,036	6,506	25.52	1,407
1951-1955.....	22,568	16,041	27.71	11,500	11,352	6,473	28.90	1,405
1950.....	18,614	13,103	20.35	9,534	10,501	5,850	31.08	1,230
1951.....	17,084	11,879	35.72	8,837	8,902	4,985	37.19	1,059
1952.....	18,625	13,165	32.38	9,650	9,388	5,294	34.42	1,169
1953.....	24,465	17,629	23.62	12,407	12,200	7,013	25.04	1,546
1954.....	25,889	18,476	24.23	12,963	13,270	7,573	23.07	1,647
1955.....	26,587	19,055	22.59	13,569	12,864	7,499	24.80	1,578
1956.....	27,754	20,186	22.00	14,462	12,997	7,843	23.62	1,632
1957 (prel.).....		19,454	23.48	14,200		7,324	25.93	1,520
	PORK				LAMB AND MUTTON <sup>5</sup>			
1931-1935.....	65,740	41,435	5.57	8,248	22,099	17,405	7.37	864
1936-1940.....	63,109	39,130	8.06	8,162	21,724	17,427	9.64	870
1941-1945.....	83,026	54,765	13.14	11,609	24,992	21,240	13.89	1,029
1946-1950.....	75,049	50,224	20.46	10,541	17,178	15,154	23.83	743
1951-1955.....	80,043	58,516	19.17	10,807	14,965	13,113	25.21	678
1950.....	79,263	56,964	18.20	10,714	13,244	11,739	27.54	597
1951.....	85,540	62,054	20.12	11,481	11,416	10,056	34.31	521
1952.....	86,572	62,451	17.94	11,527	14,304	12,695	26.76	648
1953.....	74,368	53,813	21.65	10,006	16,321	14,285	22.46	729
1954.....	71,495	52,894	21.32	9,870	16,255	14,147	21.59	734
1955.....	81,058	61,370	14.80	10,991	16,553	14,386	20.95	758
1956.....	85,216	65,748	14.35	11,221	16,328	14,228	21.92	741
1957 (prel.).....		60,682	17.80	10,500		13,234	22.37	710

<sup>1</sup> Comprises inspected, noninspected, retail, and farm slaughter.

<sup>2</sup> Prices are for beef steers, all grades, excluding western.

<sup>3</sup> Excludes animals slaughtered under government account.

<sup>4</sup> Includes slaughter under Emergency Government Relief Purchase Program in 1934-1935.

<sup>5</sup> Prices are for lambs only; (sheep represent smaller part of animals slaughtered).

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and records.

# NO. 882.—MEATS AND LARD—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION BY KIND: 1945 TO 1957

[All quantities, except per capita, in millions of pounds of carcass weight equivalent. Edible byproducts are excluded. Production of pork excluding lard comprises weight of dressed hog carcass less head bones and less all carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Federally inspected production omits production in Hawaii and Virgin Islands. Uninspected production is made up of farm and retail slaughter and all wholesale slaughter that is not Federally inspected. Commercial exports include commercial shipments to territories; they do not include USDA exports and shipments for Lend-Lease, UNRRA or other claimants, nor do they include shipments for military civilian feeding or voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings, and of deliveries to USDA through 1947. See also *Historical Statistics, 1789-1946*, series E 138, 142, 146, and for total 150 production of beef, veal, lamb and mutton, and pork]

ITEM AND YEAR	PRODUCTION			Exports of U. S. production	Imports for consumption	CIVILIAN CONSUMPTION	
	Total	Federally inspected	Uninspected			Total	Per capita (pounds)
All meats (excluding lard):							
1945.....	23,691	15,359	8,332	75	130	18,742	143.2
1950.....	22,075	16,040	6,035	135	384	21,721	144.6
1954.....	25,214	18,626	6,588	1 171	412	24,607	154.7
1955.....	26,896	20,127	6,768	195	399	26,424	162.8
1956.....	28,056	21,280	6,776	257	356	27,567	166.8
1957 (prel.).....	26,930	20,240	6,690	261	495	26,760	158.9
Beef:							
1945.....	10,276	7,236	3,040	34	127	7,665	58.6
1950.....	9,534	7,051	2,483	21	338	9,529	63.4
1954.....	12,963	9,681	3,282	1 62	225	12,737	80.1
1955.....	13,569	10,195	3,373	60	222	13,306	82.0
1956.....	14,462	11,018	3,444	109	204	14,114	85.4
1957 (prel.).....	14,200	10,704	3,496	110	345	14,197	84.3
Veal:							
1945.....	1,664	823	841	3	1	1,536	11.7
1950.....	1,230	667	563	2	10	1,206	8.0
1954.....	1,647	931	716	2	1	1,591	10.0
1955.....	1,578	903	675	3	(2)	1,531	9.4
1956.....	1,632	974	658	8	(2)	1,572	9.5
1957 (prel.).....	1,520	875	645	8	2	1,473	8.8
Lamb and mutton:							
1945.....	1,054	913	141	4	(2)	943	7.2
1950.....	597	534	63	2	3	596	4.0
1954.....	734	645	89	2	2	730	4.6
1955.....	758	663	95	1	2	753	4.6
1956.....	741	650	91	2	1	735	4.4
1957 (prel.).....	710	617	93	3	3	712	4.2
Pork (excluding lard):							
1945.....	10,697	6,387	4,310	34	2	8,598	65.7
1950.....	10,714	7,788	2,926	110	33	10,390	69.2
1954.....	9,870	7,369	2,501	105	184	9,549	60.0
1955.....	10,991	8,366	2,625	126	175	10,834	66.8
1956.....	11,221	8,638	2,583	133	151	11,146	67.5
1957 (prel.).....	10,500	8,043	2,457	140	145	10,378	61.6
Lard:							
1945.....	2,066	1,311	755	559	(2)	1,509	11.5
1950.....	2,631	2,009	622	522	(2)	1,891	12.6
1954.....	2,330	1,831	499	521	-----	1,627	10.2
1955.....	2,660	2,140	520	620	(2)	1,639	10.1
1956.....	2,762	2,255	507	672	-----	1,628	9.8
1957 (prel.).....	2,573	2,080	493	561	-----	1,576	9.4

<sup>1</sup> Includes beef procured by USDA and shipped abroad by CARE. <sup>2</sup> Less than 500,000 pounds.

Source: Department of Agriculture, Agricultural Marketing Service; *The Livestock and Meat Situation and The National Food Situation*.

## NO. 883.—SPECIFIED LIVESTOCK PRODUCTS—QUANTITY AND VALUE, BY KIND: 1949 AND 1954

PRODUCT	FARMS REPORTING		QUANTITY (1,000 units)			VALUE (\$1,000)	
	1949	1954	Unit	1949	1954	1949	1954
Any dairy products sold.....	2,006,831	1,474,699	-----	-----	-----	3,079,132	3,334,066
Whole milk sold.....	1,096,650	934,143	Lb.....	68,529,441	81,831,947	2,716,151	3,073,527
Cream sold (butterfat content).....	862,128	540,556	Lb.....	582,398	459,926	352,552	260,531
Butter, buttermilk, skim milk, and cheese sold.....	120,570	(1)	Lb.....	(1)	(1)	10,428	(1)
Wool shorn.....	285,534	2 315,489	Lb.....	178,753	2 210,613	88,813	113,386
Chicken eggs sold.....	2,420,718	1,684,531	Doz.....	2,409,647	2,654,202	1,008,401	916,737
Chickens sold.....	1,713,435	1,030,287	No.....	588,185	968,688	567,627	698,014
Turkeys raised.....	162,244	169,807	No.....	36,434	62,756	(1)	(1)

<sup>1</sup> Not available. <sup>2</sup> Not available for Florida, Georgia, and South Carolina.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

# No. 884.—DAIRYING—COWS KEPT FOR MILK AND PRODUCTION AND PRICES OF DAIRY PRODUCTS: 1940 TO 1957

[See also *Historical Statistics, 1789-1945*, series E 152-170]

ITEM	1940	1945	1950	1954	1955	1956	1957
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1, number.....1,000 head.....	24,940	27,770	23,853	23,896	23,462	23,213	1 22,916
Value per head.....dollars..	57.30	99.40	177.00	147.00	134.00	139.00	1 147.00
Milk produced on farms during year.....million lb..	109,412	119,828	116,602	122,094	123,128	125,474	1 126,381
Whole milk sold from farms during year <sup>2</sup> .....million lb..	53,261	74,505	78,140	90,804	93,478	97,790	1 100,954
Production of dairy products:							
Butter, total <sup>3</sup> .....million lb..	2,240	1,699	1,648	1,628	1,549	1,559	1 1,559
Factory.....do.....	1,837	1,364	1,336	1,449	1,383	1,410	1 1,422
Farm.....do.....	403	336	262	179	166	149	1 137
Cheese, factory <sup>4</sup> .....do.....	785	1,117	1,191	1,383	1,367	1,387	1 1,409
Evaporated and condensed milk (unskimmed).....million lb..	2,731	4,126	3,205	2,845	2,922	2,949	-----
Milk equivalent of manufactured dairy products <sup>5</sup> .....million lb..	62,845	61,859	60,330	61,636	60,711	62,469	1 62,285
Wholesale prices:							
Wisconsin Cheese Exchange, twins or cheddars, cents per lb..	14.3	23.2	30.8	32.3	31.6	32.8	33.3
Butter, N. Y. (Grade A) cents per lb..	20.5	42.8	62.2	60.5	58.2	59.9	60.7
Prices received by farmers:							
Butterfat in cream, cents per lb..	28.0	50.3	62.0	58.7	57.7	59.4	59.2
Whole milk:							
Wholesale, per 100 lb.....dol..	1.82	3.19	3.89	3.97	4.00	4.14	4.20
Retail.....cents per qt.....	10.3	13.4	18.5	20.6	20.7	21.0	21.3

<sup>1</sup> Preliminary estimates.

<sup>2</sup> Comprises sales to plants and dealers, and retail deliveries by farmers direct to consumer.

<sup>3</sup> Includes whey butter.

<sup>4</sup> Excludes cottage, pot, bakers', and full skim American-type.

<sup>5</sup> Based on State data net. Includes whole milk equivalent of farm butter.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

# No. 885.—DAIRY PRODUCTS MANUFACTURED—QUANTITY, BY KIND: 1945 TO 1956

[See also *Historical Statistics, 1789-1945*, series E 157, 159, and 162]

PRODUCT	1945	1950	1953	1954	1955	1956
Creamery butter (incl. whey butter)....1,000 lb..	1,363,717	1,386,408	1,412,109	1,448,872	1,382,914	1,409,808
American cheese:						
Whole milk.....do.....	875,084	892,706	1,021,056	1,042,345	1,004,269	991,193
Part skim.....do.....	1,098	2,319	1,417	2,378	1,105	2,395
Full skim.....do.....	2,172	1,774	749	393	2,526	3,247
Swiss cheese (including block).....do.....	50,065	99,483	103,780	113,525	116,664	123,151
Brick and Munster cheese.....do.....	14,756	30,148	36,717	40,877	44,289	45,213
Limburger cheese.....do.....	8,777	6,003	5,752	5,018	4,943	4,642
Cream and Neufchatel cheese.....do.....	66,912	68,753	78,285	79,238	80,174	87,919
All Italian varieties of cheese.....do.....	64,628	61,704	68,417	71,404	86,018	101,842
All other varieties of cheese.....do.....	35,452	30,371	28,976	28,449	29,431	30,295
Condensed milk (sweetened):						
Skimmed.....do.....	519,404	210,728	134,265	100,727	88,392	77,414
Unskimmed.....do.....	220,322	101,183	90,921	62,509	75,805	118,162
Unsweetened condensed milk (plain):						
Skimmed.....do.....	454,443	523,182	581,088	645,248	647,710	654,458
Unskimmed.....do.....	128,875	221,724	231,149	248,209	266,495	290,487
Evaporated milk, unskimmed (un-sweetened).....do.....	3,776,383	2,882,475	2,553,339	2,534,115	2,579,831	2,540,141
Concentrated skim milk (for animal feed).....do.....	12,250	12,071	7,129	4,666	3,799	1,589
Condensed or evaporated buttermilk.....do.....	160,441	189,470	132,657	123,379	62,852	49,691
Dry buttermilk.....do.....	49,578	48,837	57,424	56,261	58,333	64,258
Dry whole milk.....do.....	217,276	124,986	104,352	94,349	110,018	111,278
Nonfat dry milk solids <sup>1</sup> .....do.....	660,054	898,896	1,233,741	1,421,039	1,420,900	1,560,451
Dry cream.....do.....	203	459	717	839	782	756
Dry whey.....do.....	135,920	155,379	174,656	177,617	196,489	197,784
Dry casein (skim milk or buttermilk product).....do.....	12,333	18,531	5,532	5,175	3,147	2,533
Malted milk powder.....do.....	42,751	30,710	32,482	31,415	33,596	31,223
Ice cream of all kinds <sup>2</sup> .....1,000 gal..	477,162	554,351	605,051	596,821	628,525	640,884
Sherbets (excludes water ices).....do.....	65,177	17,018	31,079	34,170	37,365	36,062
Ice milk.....do.....	11,722	36,870	64,710	80,019	90,185	102,273
Other frozen dairy products <sup>3</sup> .....do.....	6,455	8,230	9,240	4,787	3,440	3,403

<sup>1</sup> Includes dry skim milk for animal feed.

<sup>2</sup> Includes ice cream made by counter freezers and by other small retailers.

<sup>3</sup> From 1950 through 1953, change in question resulted in reporting of additional products. Beginning in 1954, some of these products were transferred to other classifications.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Production of Manufactured Dairy Products*; also published in annual report, *Agricultural Statistics*.

## No. 886.—DAIRY PRODUCTS SOLD, BY STATES: 1949 AND 1954

STATE	WHOLE MILK SOLD			CREAM SOLD (butterfat content)		
	Farms reporting, 1954	Quantity		Farms reporting, 1954	Quantity	
		1949	1954		1949	1954
		1,000 lb.	1,000 lb.		1,000 lb.	1,000 lb.
United States.....	934, 143	68, 529, 441	81, 831, 947	540, 556	582, 398	459, 926
The North.....	637, 435	49, 814, 301	57, 879, 058	397, 508	484, 407	393, 386
The South.....	221, 004	9, 322, 586	12, 310, 466	102, 487	61, 692	36, 717
The West.....	75, 704	9, 392, 555	11, 642, 423	40, 561	36, 289	29, 824
New England.....	28, 429	3, 419, 439	3, 852, 871	1, 999	1, 786	1, 531
Maine.....	5, 823	409, 850	518, 665	1, 279	607	661
New Hampshire.....	3, 172	283, 639	327, 646	253	181	227
Vermont.....	10, 696	1, 341, 774	1, 506, 231	289	281	207
Massachusetts.....	4, 391	677, 488	713, 896	114	463	348
Rhode Island.....	588	106, 680	107, 352	6	49	7
Connecticut.....	3, 759	600, 008	680, 081	58	204	81
Middle Atlantic.....	105, 582	12, 726, 222	14, 637, 223	9, 466	7, 719	6, 143
New York.....	54, 629	7, 480, 811	8, 504, 863	2, 734	2, 739	1, 884
New Jersey.....	3, 982	930, 121	1, 024, 572	41	337	289
Pennsylvania.....	46, 971	4, 315, 290	5, 107, 787	6, 691	4, 643	3, 970
East North Central.....	337, 846	25, 580, 179	28, 786, 642	61, 215	84, 608	47, 394
Ohio.....	64, 756	3, 605, 886	4, 127, 731	12, 331	13, 043	6, 673
Indiana.....	50, 171	2, 354, 709	2, 725, 936	11, 679	14, 821	7, 141
Illinois.....	49, 073	3, 525, 791	3, 668, 185	19, 002	19, 875	10, 845
Michigan.....	52, 135	3, 432, 349	4, 146, 968	16, 274	26, 571	18, 861
Wisconsin.....	121, 711	12, 661, 444	14, 117, 822	1, 929	10, 297	4, 372
West North Central.....	165, 578	8, 088, 461	10, 602, 323	324, 828	390, 294	338, 318
Minnesota.....	60, 607	3, 844, 359	4, 902, 662	54, 414	111, 510	86, 248
Iowa.....	24, 328	1, 082, 733	1, 730, 572	88, 613	123, 726	103, 885
Missouri.....	52, 036	1, 816, 061	2, 261, 194	29, 911	25, 193	16, 135
North Dakota.....	1, 822	98, 906	130, 940	35, 918	33, 124	38, 874
South Dakota.....	2, 321	138, 048	160, 728	30, 799	26, 605	26, 890
Nebraska.....	5, 827	327, 436	393, 641	51, 153	38, 094	40, 666
Kansas.....	18, 637	780, 919	1, 022, 586	34, 020	32, 042	25, 652
South Atlantic.....	63, 365	3, 781, 081	5, 075, 118	35, 279	12, 959	9, 423
Delaware.....	1, 450	140, 659	167, 480	25	50	7
Maryland.....	7, 652	970, 262	1, 247, 260	1, 284	927	789
Dist. of Columbia.....	(1)	1, 086	(1)	(1)	6	(1)
Virginia.....	17, 821	866, 417	1, 090, 353	13, 309	6, 291	3, 807
West Virginia.....	6, 736	293, 583	353, 745	10, 742	3, 271	3, 023
North Carolina.....	17, 298	488, 170	724, 099	5, 149	1, 085	9, 045
South Carolina.....	4, 616	176, 083	287, 149	1, 628	432	308
Georgia.....	6, 485	376, 566	563, 507	2, 930	717	510
Florida.....	1, 307	468, 254	641, 524	212	181	35
East South Central.....	112, 701	2, 823, 930	3, 729, 585	31, 722	20, 043	8, 850
Kentucky.....	37, 444	865, 342	1, 189, 142	19, 942	14, 124	6, 112
Tennessee.....	45, 221	1, 061, 983	1, 347, 622	6, 165	4, 049	1, 624
Alabama.....	10, 313	337, 661	452, 110	3, 410	954	636
Mississippi.....	19, 723	558, 944	740, 711	2, 205	916	479
West South Central.....	44, 938	2, 717, 575	3, 505, 763	35, 486	28, 690	18, 444
Arkansas.....	14, 661	345, 958	550, 775	7, 351	4, 692	2, 660
Louisiana.....	4, 140	340, 083	469, 462	479	206	174
Oklahoma.....	12, 009	649, 123	728, 017	18, 378	17, 530	12, 838
Texas.....	14, 128	1, 382, 410	1, 757, 510	9, 278	6, 263	2, 741
Mountain.....	36, 417	2, 226, 529	3, 033, 674	26, 877	21, 815	19, 195
Montana.....	2, 216	166, 511	191, 326	9, 250	6, 740	6, 954
Idaho.....	18, 164	770, 986	1, 153, 572	3, 832	3, 665	2, 602
Wyoming.....	1, 014	84, 962	103, 650	2, 841	1, 977	1, 747
Colorado.....	4, 726	417, 977	540, 881	8, 759	6, 844	6, 003
New Mexico.....	1, 216	98, 369	140, 369	865	809	531
Arizona.....	906	210, 180	306, 840	93	196	100
Utah.....	7, 896	433, 410	539, 550	965	914	771
Nevada.....	279	44, 145	57, 486	272	669	488
Pacific.....	39, 287	7, 166, 026	8, 608, 748	13, 684	14, 484	10, 629
Washington.....	13, 471	1, 179, 960	1, 345, 131	5, 906	5, 341	3, 528
Oregon.....	9, 900	748, 303	877, 110	6, 470	6, 100	4, 929
California.....	15, 916	5, 237, 763	6, 386, 508	1, 308	3, 043	2, 172

(1) Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

# No. 887.—POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED AND PRICES: 1930 TO 1957

[See also *Historical Statistics, 1789-1945*, series E 171-180]

YEAR	CHICKENS <sup>1</sup>				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound <sup>2</sup>	Number pro- duced	Price per dozen <sup>2</sup>	Number, Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound <sup>2</sup>
	<i>1,000</i>	<i>Dollars</i>	<i>1,000</i>	<i>Cents</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000</i>	<i>Dollars</i>	<i>1,000</i>	<i>Cents</i>
1930.....	468,491	0.928	714,380	18.4	39,067	23.7	5,969	3.00	17,052	20.2
1935.....	389,958	.544	597,769	14.9	33,609	23.4	5,499	2.18	20,487	20.1
1940.....	438,288	.605	555,563	13.0	39,707	18.0	8,569	2.14	33,316	15.2
1945.....	516,497	1.21	799,102	25.9	56,221	37.7	7,082	5.79	42,470	33.7
1946.....	523,227	1.27	646,490	27.6	55,962	37.6	7,862	5.75	39,746	36.3
1947.....	467,217	1.44	635,729	26.5	55,384	45.3	5,879	6.54	33,693	36.5
1948.....	449,644	1.44	536,107	30.1	54,899	47.2	3,959	6.97	31,346	46.8
1949.....	430,876	1.66	622,833	25.4	56,154	45.2	4,622	8.80	41,019	35.2
1950.....	456,540	1.36	535,266	22.2	58,954	36.3	5,124	6.34	44,134	32.9
1951.....	430,988	1.46	539,549	25.0	58,063	47.7	5,037	6.48	53,055	37.5
1952.....	426,555	1.53	473,381	22.1	58,068	41.6	5,725	0.99	62,117	33.6
1953.....	398,158	1.41	463,891	22.1	57,891	47.7	5,086	6.15	59,626	33.7
1954.....	396,776	1.43	454,848	16.8	58,933	36.6	4,956	6.32	67,507	28.8
1955.....	390,708	1.05	377,710	18.6	59,496	38.9	4,917	5.33	65,410	30.2
1956.....	382,846	1.26	392,524	15.9	60,877	38.7	4,923	5.50	76,527	27.2
1957.....	390,137	1.17	308,122	13.6	60,448	35.2	5,799	5.05	80,945	23.4

<sup>1</sup> Excludes commercial broilers. <sup>2</sup> Average annual price received by farmers.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## No. 888.—PROCESSING OF EGGS AND POULTRY: 1935 TO 1957

[In thousands of pounds]

YEAR	DRIED EGGS PRODUCED			Liquid eggs used for immediate consump- tion	Frozen eggs produced <sup>1</sup>	Poultry for sale certified for evis- ceration under U.S. Govt. inspec- tion <sup>2</sup>	Canned poultry <sup>2</sup>
	Whole	Albumen	Yolk				
1935.....	61	133	2,806				
1940.....	392	1,916	5,179	12,046	189,578	26,181	
1945.....	96,988	1,719	7,164	18,704	297,579	113,175	146,587
1946.....	115,344	2,112	7,988	20,031	392,218	155,576	125,197
1947.....	80,037	1,493	4,031	15,817	371,096	121,487	87,552
1948.....	36,019	2,678	5,578	16,901	345,192	149,673	146,993
1949.....	60,411	2,266	4,285	18,828	318,227	212,853	128,231
1950.....	86,993	2,605	2,820	20,115	354,148	337,909	152,049
1951.....	10,525	3,789	3,286	18,340	339,537	525,798	170,774
1952.....	2,717	6,552	8,069	18,404	320,352	700,300	193,790
1953.....	5,322	5,936	8,263	21,094	343,064	811,674	185,328
1954.....	2,942	9,287	10,300	31,031	361,184	894,538	179,107
1955.....	3,248	10,622	9,270	33,153	341,514	1,035,324	181,721
1956.....	4,908	8,797	8,359	33,111	349,085	1,447,058	195,782
1957.....	9,980	9,578	9,069	37,494	333,823	1,682,707	227,304

<sup>1</sup> Includes amounts which were later dried; also included in dried figures for each year.

<sup>2</sup> Dressed weight through 1953; designated as ready-to-cook weight thereafter.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

No. 889.—POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES:  
1950-1954 AVERAGE, AND 1957

[Eggs in millions; other figures in thousands]

STATE	EGGS PRO- DUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRO- DUCED		TURKEYS RAISED		CHICKS HATCHED BY COMMERCIAL HATCHERIES	
	1950- 1954, avg.	1957	1950- 1954, avg.	1957	1950- 1954, avg.	1957	1950- 1954, avg.	1957	1950- 1954, avg.	1957
United States.....	58,382	60,448	578,232	394,918	855,056	1,451,661	57,507	81,164	1,744,163	2,098,108
The North.....	38,310	39,205	359,322	238,938	209,958	293,379	26,124	37,379	895,222	756,097
The South.....	13,268	13,603	160,666	109,419	580,026	1,089,547	15,622	22,671	694,855	1,194,133
The West.....	6,803	7,640	58,243	46,561	65,072	68,735	15,761	21,114	154,076	147,873
New England.....	2,769	2,849	28,584	21,638	66,500	103,189	1,506	1,213	131,467	154,165
Maine.....	591	676	6,742	5,933	23,935	50,424	273	128	22,562	54,250
New Hampshire.....	443	457	5,075	3,766	5,904	7,635	152	132	31,991	20,317
Vermont.....	185	192	1,977	1,581	674	835	130	110	1,178	556
Massachusetts.....	810	751	7,466	4,947	14,625	14,565	590	542	28,334	26,947
Rhode Island.....	91	84	881	580	1,095	1,360	57	39	1,591	2,335
Connecticut.....	649	689	6,444	4,831	20,267	28,370	303	262	45,810	49,760
Middle Atlantic.....	7,731	8,017	60,822	40,700	41,379	60,607	3,583	2,728	144,142	136,183
New York.....	2,103	1,878	15,873	10,097	11,049	14,326	934	739	29,042	22,060
New Jersey.....	2,283	2,553	14,103	10,578	7,754	10,990	360	214	41,804	37,637
Pennsylvania.....	3,345	3,586	30,846	20,025	22,575	35,291	2,289	1,775	73,296	76,466
East North Central.....	11,505	11,774	111,837	70,963	68,064	90,001	7,102	10,962	298,098	233,275
Ohio.....	2,436	2,338	21,814	13,339	12,079	17,600	2,044	3,003	61,541	47,100
Indiana.....	2,332	2,324	24,257	15,563	33,122	42,370	1,703	2,670	106,044	89,704
Illinois.....	2,934	3,094	27,890	16,999	9,907	8,337	930	1,272	77,963	48,042
Michigan.....	1,609	1,658	16,623	10,004	3,485	4,300	1,054	1,372	27,933	19,990
Wisconsin.....	2,194	2,360	21,252	15,068	9,471	17,394	1,371	2,645	24,617	28,439
West North Central.....	16,305	16,565	158,079	105,637	34,015	39,582	13,933	22,476	321,514	232,474
Minnesota.....	3,914	4,024	29,295	20,830	2,928	2,926	5,627	9,942	55,256	39,500
Iowa.....	4,651	4,947	42,728	29,428	5,065	4,460	3,623	6,300	78,400	60,300
Missouri.....	2,443	1,998	26,806	15,905	19,348	28,200	2,213	3,163	107,288	83,123
North Dakota.....	548	548	6,508	5,569	—	—	537	642	5,327	3,350
South Dakota.....	1,190	1,403	12,943	9,310	—	—	368	681	15,114	12,771
Nebraska.....	1,748	1,933	20,503	12,439	4,491	2,280	839	907	28,722	19,130
Kansas.....	1,811	1,712	19,295	12,156	2,183	1,716	727	841	31,408	14,300
South Atlantic.....	5,178	5,999	61,546	50,335	373,921	648,630	9,705	13,458	431,577	707,655
Delaware.....	142	113	1,485	906	74,032	93,537	546	656	55,634	78,913
Maryland.....	481	400	4,502	2,814	58,525	74,288	532	476	78,882	82,901
Virginia.....	992	845	9,230	5,217	50,958	61,646	4,397	7,116	66,955	80,640
West Virginia.....	448	368	3,832	2,364	19,887	25,233	1,528	1,531	10,257	13,141
North Carolina.....	1,330	1,795	17,660	15,535	42,634	106,352	936	1,826	63,586	117,741
South Carolina.....	478	557	7,317	6,018	9,805	15,690	1,136	1,192	12,437	21,148
Georgia.....	892	1,320	12,444	13,065	108,059	261,000	462	342	121,708	285,347
Florida.....	415	601	5,076	4,316	10,021	10,884	167	319	22,118	27,824
East South Central.....	3,529	3,505	48,958	30,633	67,705	205,949	1,029	916	95,885	238,727
Kentucky.....	1,152	1,099	14,822	8,519	4,190	14,409	413	322	14,024	18,495
Tennessee.....	1,015	952	14,354	9,255	8,190	21,068	206	197	18,927	38,755
Alabama.....	731	828	10,461	7,403	25,882	103,875	269	214	28,031	101,418
Mississippi.....	631	626	9,320	5,456	29,443	66,597	142	183	34,903	70,059
West South Central.....	4,561	4,099	50,162	28,451	138,401	234,968	4,888	8,297	167,402	257,756
Arkansas.....	645	610	8,909	4,419	68,849	110,191	939	2,405	54,735	112,200
Louisiana.....	352	381	6,644	4,009	7,399	17,428	107	57	7,924	16,289
Oklahoma.....	991	829	10,953	5,935	5,785	6,523	685	1,066	17,750	13,310
Texas.....	2,544	2,279	23,656	14,088	56,368	100,826	3,157	4,769	86,993	115,957
Mountain.....	1,642	1,478	16,899	11,683	5,510	5,877	3,252	4,308	20,188	15,234
Montana.....	239	232	3,362	2,745	—	—	111	53	2,575	1,874
Idaho.....	283	299	3,072	2,409	1,102	2,182	165	206	4,224	3,928
Wyoming.....	90	70	942	551	—	—	87	6	401	175
Colorado.....	384	310	4,178	2,298	2,077	1,240	740	1,184	7,771	4,644
New Mexico.....	119	108	1,215	656	—	—	64	79	808	137
Arizona.....	89	91	867	757	820	539	94	109	1,381	1,734
Utah.....	414	348	3,054	2,113	1,511	1,916	1,973	2,665	2,996	2,762
Nevada.....	24	20	209	154	—	—	18	6	—	—
Pacific.....	5,161	6,162	41,345	34,878	59,562	62,858	12,509	16,806	133,889	132,639
Washington.....	764	935	7,626	4,412	7,551	11,671	966	669	22,019	21,963
Oregon.....	585	624	5,352	4,687	5,139	7,097	1,958	1,471	14,917	15,306
California.....	3,812	4,603	28,367	25,779	46,871	43,490	9,585	14,666	96,952	95,870

## CHICKENS AND EGGS

685

No. 890.—CHICKENS ON FARMS, 1950 AND 1954, EGGS AND CHICKENS SOLD, 1954,  
BY STATES

[In thousands]

STATE	CHICKENS <sup>1</sup>				CHICKEN EGGS SOLD, 1954		CHICKENS SOLD, 1954	
	Farms reporting		Number on hand		Farms reporting	Number (dozens)	Farms reporting	Number
	1950	1954	1950	1954				
<b>United States</b> .....	4,215.6	3,418.2	342,464	375,800	1,684.5	2,654,202	1,030.3	968,688
The North.....	1,716.2	1,428.2	212,728	244,708	1,038.5	1,885,944	704.6	317,621
The South.....	2,205.4	1,762.4	95,171	93,046	550.4	882,160	286.6	572,839
The West.....	294.0	227.6	34,564	38,047	95.6	380,099	59.1	78,227
<b>New England</b> .....	50.8	37.8	12,181	15,424	19.3	149,310	16.8	72,153
Maine.....	13.7	10.1	2,410	3,587	4.7	33,586	4.3	27,058
New Hampshire.....	6.6	4.9	1,988	2,640	2.8	24,030	2.6	8,131
Vermont.....	9.1	7.6	760	1,039	3.4	8,984	2.2	1,500
Massachusetts.....	11.4	7.8	4,001	4,085	4.6	42,224	4.0	14,858
Rhode Island.....	1.3	1.0	431	450	0.6	3,995	0.5	1,607
Connecticut.....	8.7	6.4	2,590	3,653	3.3	36,491	3.2	18,998
<b>Middle Atlantic</b> .....	200.4	157.0	38,117	49,065	95.5	465,006	69.3	75,118
New York.....	72.5	54.6	10,352	12,371	30.0	114,852	19.9	19,299
New Jersey.....	16.7	13.9	10,076	15,920	9.4	172,462	8.5	16,826
Pennsylvania.....	111.1	88.5	17,689	20,774	56.1	177,692	41.0	38,994
<b>East North Central</b> .....	666.6	540.5	63,692	72,197	380.1	503,019	256.6	94,875
Ohio.....	152.7	118.4	13,427	14,763	79.8	109,930	52.4	21,524
Indiana.....	128.7	103.2	12,512	14,448	73.2	105,639	54.8	36,855
Illinois.....	161.5	129.7	17,385	18,290	98.6	119,930	70.7	13,981
Michigan.....	104.7	85.2	8,456	10,773	51.1	69,698	32.5	8,986
Wisconsin.....	119.0	104.0	11,912	13,983	77.3	97,922	46.2	13,549
<b>West North Central</b> .....	798.4	692.9	98,738	108,023	543.6	768,609	361.8	75,476
Minnesota.....	136.3	120.4	22,964	27,401	105.3	228,953	70.2	14,417
Iowa.....	173.7	156.1	26,508	30,129	136.4	238,769	102.6	17,166
Missouri.....	192.6	153.2	16,826	14,249	93.8	78,417	68.4	25,550
North Dakota.....	45.9	42.2	3,340	4,364	30.1	17,521	16.3	1,711
South Dakota.....	54.0	50.0	7,204	9,005	43.1	55,375	32.9	4,558
Nebraska.....	89.0	81.8	10,569	12,074	68.0	81,881	44.7	7,424
Kansas.....	106.8	89.3	11,326	10,801	67.0	67,694	37.7	4,643
<b>South Atlantic</b> .....	781.5	630.1	33,928	37,652	168.6	185,266	100.4	341,995
Delaware.....	5.1	3.8	757	712	1.5	5,857	2.5	62,204
Maryland.....	28.2	22.5	2,950	2,706	11.4	17,773	8.5	47,470
Dist. of Columbia.....	(3)	(3)	(4)	(4)	(3)	(3)	(3)	(3)
Virginia.....	126.4	102.7	6,765	6,088	42.0	28,859	22.4	39,534
West Virginia.....	66.6	52.0	2,962	2,663	20.9	10,223	11.6	18,991
North Carolina.....	287.2	202.8	9,002	10,680	46.5	40,364	26.5	39,002
South Carolina.....	115.9	95.5	3,551	3,788	15.0	12,945	6.1	7,309
Georgia.....	163.7	122.8	5,558	7,814	23.9	43,730	18.7	117,957
Florida.....	38.4	27.4	2,381	3,201	7.3	25,514	4.1	9,528
<b>East South Central</b> .....	779.1	627.8	27,819	26,658	198.2	77,660	82.9	92,707
Kentucky.....	185.8	153.3	8,175	7,566	67.7	19,311	28.4	7,244
Tennessee.....	200.1	170.2	8,041	7,989	70.5	23,907	28.7	9,001
Alabama.....	183.6	137.1	5,775	5,682	30.1	22,040	14.4	41,142
Mississippi.....	209.6	167.1	5,828	5,420	29.9	12,402	11.5	35,320
<b>West South Central</b> .....	644.8	504.5	33,425	28,736	183.7	119,234	83.3	138,137
Arkansas.....	152.3	113.1	5,464	4,683	30.8	13,396	16.9	63,444
Louisiana.....	107.0	89.0	3,726	3,447	16.2	8,252	5.0	8,156
Oklahoma.....	120.2	91.2	7,421	5,709	41.2	22,942	19.0	6,851
Texas.....	265.3	211.2	16,814	14,898	95.5	74,643	42.5	59,687
<b>Mountain</b> .....	135.7	111.2	10,034	9,771	49.9	60,705	27.8	8,348
Montana.....	25.1	22.9	1,401	1,629	11.4	6,523	5.9	662
Idaho.....	27.4	23.4	1,525	1,667	10.3	10,144	5.9	1,453
Wyoming.....	9.5	8.0	542	531	3.8	2,181	2.1	202
Colorado.....	34.8	27.0	2,570	2,287	14.1	12,380	7.8	2,212
New Mexico.....	16.4	12.8	831	769	3.8	3,517	1.8	265
Arizona.....	6.3	4.3	492	587	1.2	4,751	0.8	773
Utah.....	14.2	11.0	2,502	2,154	4.6	20,418	3.2	2,704
Nevada.....	2.2	1.8	170	147	0.7	790	0.3	76
<b>Pacific</b> .....	158.3	116.4	24,530	28,276	45.7	325,393	31.2	69,879
Washington.....	44.7	36.6	3,749	4,583	16.2	42,781	9.0	9,631
Oregon.....	40.1	32.0	2,843	3,206	13.0	29,231	7.6	6,513
California.....	73.5	47.7	17,938	20,417	17.5	253,382	14.7	53,735

<sup>1</sup> Chickens 4 months old and over.    <sup>2</sup> 50 or less.    <sup>3</sup> Not available.    <sup>4</sup> 500 or less.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 891.—COLD-STORAGE MONTHLY HOLDINGS—ANIMAL PRODUCTS, FISH, FRUITS, AND VEGETABLES: 1950 TO 1957

[In millions of pounds, except shell eggs in thousands of 30-dozen cases and orange juice, in millions of gallons. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure. Beginning 1957, meat figures exclude sausage and edible offal; not comparable with earlier years]

YEAR	Jan.	Mar.	May	July	Sept.	Nov.	Jan.	Mar.	May	July	Sept.	Nov.
All meats							Beef					
1950.....	725	816	749	633	466	405	121	113	91	60	73	95
1953.....	922	1,043	929	749	532	460	262	254	218	177	141	169
1954.....	716	755	705	605	467	477	249	205	147	115	113	122
1955.....	800	840	822	614	448	444	188	154	132	106	110	123
1956.....	777	834	861	694	461	449	205	196	172	136	120	149
1957.....	606	636	596	485	330	318	244	204	155	113	112	108
Pork							Frozen fish					
1950.....	474	573	542	469	304	220	147	106	79	117	154	166
1953.....	489	605	538	414	266	181	193	142	109	143	177	176
1954.....	327	414	421	346	229	234	176	138	110	141	192	205
1955.....	449	532	539	376	219	205	194	150	123	140	184	191
1956.....	421	518	510	394	204	168	175	141	123	144	179	201
1957.....	280	335	343	279	147	138	196	145	118	146	189	205
Frozen poultry <sup>1</sup>							Frozen turkeys					
1950.....	203	261	167	122	105	218	127	129	93	64	37	77
1953.....	279	221	140	118	127	259	147	118	72	53	46	126
1954.....	276	242	185	151	147	275	122	109	79	57	51	141
1955.....	270	211	128	98	120	258	121	111	71	52	48	144
1956.....	228	188	133	120	164	362	95	83	49	36	53	197
1957.....	333	292	220	190	202	377	162	150	109	92	102	241
Shell eggs							Frozen eggs <sup>2</sup>					
1950.....	110	735	2,147	3,667	2,568	502	54	73	155	188	155	104
1953.....	153	248	816	1,513	827	288	50	42	99	160	133	87
1954.....	89	133	728	1,639	1,031	636	42	42	136	186	161	118
1955.....	193	258	1,183	2,292	1,680	804	75	63	126	194	180	128
1956.....	111	306	638	1,453	1,020	616	74	42	95	172	168	132
1957.....	320	519	1,208	1,812	1,174	552	87	66	108	167	165	124
Cheese							Creamery butter					
1950.....	189	164	172	254	317	310	114	93	109	185	239	208
1953.....	239	218	263	374	446	449	73	100	150	257	335	312
1954.....	432	428	487	568	613	596	282	304	376	468	508	463
1955.....	549	500	501	581	597	566	379	315	293	335	328	257
1956.....	519	466	456	522	551	489	163	98	77	110	118	62
1957.....	441	390	391	466	507	465	25	32	62	147	172	127
Cream (fluid and plastic)							All frozen fruits					
1950.....	12	5	6	18	18	15	259	209	151	217	333	364
1953.....	23	11	11	33	29	19	287	232	150	177	351	391
1954.....	10	6	7	26	22	15	356	294	210	222	375	414
1955.....	6	4	8	32	23	16	378	309	222	251	441	459
1956.....	8	5	12	32	28	18	420	342	256	309	477	483
1957.....	7	6	12	33	28	20	451	379	292	376	551	545
Frozen strawberries							Frozen cherries					
1950.....	47	29	11	106	121	113	47	35	24	14	80	71
1953.....	106	81	45	101	151	145	35	24	13	6	73	63
1954.....	119	87	52	103	144	134	55	42	30	20	76	66
1955.....	110	76	41	106	172	162	55	42	29	18	88	76
1956.....	141	101	65	214	244	224	64	48	33	18	66	55
1957.....	196	154	102	213	280	213	46	34	22	12	92	80
All frozen vegetables							Frozen lima beans					
1950.....	371	305	242	236	361	458	63	51	39	30	37	82
1953.....	535	450	384	384	574	737	79	61	45	32	40	112
1954.....	705	564	470	444	602	710	94	73	59	42	60	124
1955.....	640	505	427	419	605	693	107	83	66	46	56	119
1956.....	624	496	424	481	751	915	98	75	56	40	58	129
1957.....	858	722	656	657	874	993	108	85	69	48	75	131
Frozen peas							Frozen orange juice					
1950.....	91	68	42	57	149	132	2	3	6	11	9	8
1953.....	141	107	74	96	231	202	10	19	21	23	17	11
1954.....	156	112	69	83	198	167	12	25	30	37	29	18
1955.....	123	79	46	78	107	170	14	25	32	37	27	18
1956.....	125	78	44	127	306	266	15	29	29	41	33	23
1957.....	219	170	119	191	334	201	19	36	36	44	34	23

<sup>1</sup> Includes frozen turkeys. <sup>2</sup> Frozen eggs may be converted to cases on basis of 38.5 pounds to a case.

Source: Frozen fish, Department of the Interior, Fish and Wildlife Service; annual bulletins. Other figures, Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*; also published in monthly mimeographed reports.



## Section 26

### Forests and Forest Products

This section presents basic forest statistics on the area and ownership of commercial forest land and volume of timber including annual growth and cut; forestry statistics covering the national forests and Forest Service cooperative programs; and product statistics for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, rosin, veneer logs, and other similar data.

The principal sources of these data are the *Timber Resources for America's Future* issued in 1958; the annual report *National Forest Areas*, and *Forest Fire Statistics* published by the Forest Service of the Department of Agriculture; the annual reports of the Bureau of the Census entitled *Lumber Production and Pulp, Paper, and Board Mills*, and other reports in the Bureau of the Census *Facts for Industry* series issued quarterly on plywood and monthly on pulp, paper, and board. Additional information in this field is published in the annual report of the National Forest Reservation Commission, the *Annual Naval Stores Report* of the Agricultural Marketing Service, the monthly *Survey of Current Business* of the Office of Business Economics, and the *National Survey of Lumber Demand and Supply* of the National Lumber Manufacturers Association.

The Bureau of the Census also collects statistics of foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of wholesale lumber prices. Information on the domestic movement of forest products is collected by the Interstate Commerce Commission and the Association of American Railways.

The completeness and reliability of statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for Federal lands are considered much better than for private lands, though too much reliance should not be placed on estimates of fire damage or causes of fires.

In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts. Figures for lumber production, however, are subject to certain limitations prior to 1942 because of incomplete coverage. Information for pulp and paper, and plywood, on the other hand, is believed to have practically complete coverage. Statistics relating to average value of lumber sawed may be subject to some limitations due to incomplete representation of small mills.

For an historical summation of raw materials production, imports, exports, and consumption, which includes figures for forest products, see table 935.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series F 69-73") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

**Note.**—This section presents data for the most recent year or period available on May 23, 1958, when the material was organized and sent to the printer.

# No. 892.—FOREST LAND AREA AND OWNERSHIP OF COMMERCIAL FOREST LAND, BY STATES AND FOR ALASKA: 1953

[In thousands of acres. As of January 1]

STATE	Total forest land	All owner-ships	COMMERCIAL FOREST LAND <sup>1</sup>							
			Federally owned or managed			State, county, and municipal	Private			
			Total	National forest	Other		Total	Farm	Wood-using industries	Other
Total.....	664,194	488,609	103,124	84,759	18,365	27,216	358,269	165,217	62,382	130,670
The North.....	208,860	174,041	13,094	10,282	2,812	19,332	141,615	61,394	14,103	66,118
New England.....	31,378	30,658	904	822	82	837	28,917	6,138	8,178	14,691
Connecticut.....	1,900	1,973	1	—	1	154	1,818	526	(2)	1,292
Maine.....	17,088	16,601	90	51	39	92	16,419	2,232	6,617	7,570
Massachusetts.....	3,288	3,259	29	—	29	370	2,860	740	(2)	2,120
New Hampshire.....	4,848	4,682	585	580	5	97	4,000	1,039	771	2,190
Rhode Island.....	434	430	(2)	—	(3)	26	404	79	—	325
Vermont.....	3,730	3,713	199	191	8	98	3,416	1,522	528	1,366
Middle Atlantic.....	44,894	42,225	1,541	1,339	202	3,973	36,711	11,800	2,069	22,842
Delaware.....	454	448	1	—	1	12	435	217	124	94
Maryland.....	2,920	2,897	54	4	50	160	2,683	1,169	(2)	1,514
New Jersey.....	1,958	1,910	1	—	1	180	1,729	320	(2)	1,409
New York.....	14,450	12,002	98	—	98	797	11,107	3,473	1,172	6,402
Pennsylvania.....	15,205	15,108	492	454	38	2,737	11,879	3,424	442	8,013
West Virginia.....	9,907	9,860	895	881	14	87	8,878	3,197	270	5,411
Lake.....	55,201	53,272	7,540	5,895	1,645	13,899	31,833	15,184	3,039	13,610
Michigan.....	19,322	18,849	2,482	2,343	139	3,905	12,462	3,877	1,447	7,138
Minnesota.....	19,344	18,098	3,055	2,195	860	7,103	7,940	4,881	578	2,481
Wisconsin.....	16,535	16,325	2,003	1,357	646	2,891	11,431	6,426	1,014	3,991
Central.....	42,726	42,394	2,632	2,181	451	558	39,204	24,697	817	13,690
Illinois.....	3,993	3,938	216	184	32	10	3,712	3,050	(2)	662
Indiana.....	4,103	4,045	172	112	60	111	3,762	2,878	(2)	884
Iowa.....	2,510	2,505	23	3	20	19	2,463	2,321	—	142
Kentucky.....	11,497	11,446	672	455	217	53	10,721	4,903	308	5,510
Missouri.....	15,177	15,064	1,461	1,339	122	156	13,447	8,498	460	4,489
Ohio.....	5,446	5,396	88	88	(2)	209	5,099	3,047	(2)	2,052
Plains.....	34,661	5,492	477	45	432	65	4,950	3,575	—	1,375
Kansas.....	1,668	1,664	1	—	1	1	1,663	1,160	—	503
Nebraska.....	1,482	1,480	87	80	7	24	1,419	820	—	599
North Dakota.....	433	414	149	—	149	10	255	182	—	73
Okl. (West).....	4,802	650	—	—	—	10	640	540	—	100
S. Dak. (East).....	776	684	280	15	275	21	373	373	—	—
Texas (West).....	26,000	600	—	—	—	—	600	500	—	100
The South.....	197,265	193,288	14,196	10,372	3,824	2,483	176,609	90,143	33,523	52,943
South Atlantic.....	47,288	46,152	3,484	2,788	701	532	42,136	29,968	5,614	6,554
North Carolina.....	19,513	18,976	1,304	999	305	279	17,933	13,590	2,584	1,219
South Carolina.....	11,943	11,891	763	524	239	153	10,975	7,530	1,696	1,749
Virginia.....	15,832	15,285	1,417	1,200	157	100	13,768	8,848	1,334	3,586
Southeast.....	96,906	94,985	6,237	3,892	2,345	1,552	87,196	45,957	15,443	25,796
Alabama.....	20,771	20,756	789	614	175	177	19,790	8,114	3,138	8,538
Florida.....	23,047	21,519	1,813	1,035	778	438	19,268	8,905	4,369	5,994
Georgia.....	24,057	23,969	1,557	641	916	125	22,287	15,854	4,246	2,187
Mississippi.....	16,473	16,440	1,245	1,036	209	473	14,722	6,958	2,602	6,162
Tennessee.....	12,558	12,301	833	566	267	339	11,129	6,126	1,088	3,915
West Gulf.....	53,071	52,151	4,475	3,697	778	399	47,277	14,218	12,466	20,593
Arkansas.....	19,346	19,292	2,802	2,325	476	108	16,382	6,733	4,118	5,531
Louisiana.....	15,990	15,890	667	530	131	181	15,051	3,160	4,281	7,610
Okl. (East).....	6,027	5,257	270	180	90	79	4,908	1,700	(2)	3,208
Texas (East).....	11,708	11,703	736	655	81	31	10,936	2,625	3,123	5,188
The West.....	241,561	117,011	71,584	60,660	10,924	5,401	10,026	13,680	14,756	11,590
Pacific Northwest.....	54,129	45,365	22,650	17,109	5,541	3,141	19,574	5,344	8,850	5,350
Oregon.....	30,261	25,375	15,067	11,435	3,632	1,040	9,768	3,458	4,733	1,577
Washington.....	23,868	19,490	7,583	6,674	1,909	2,101	9,806	1,886	4,147	3,773
California.....	42,541	17,317	9,070	8,573	497	194	8,053	1,586	3,389	3,078
No. Rocky Mountain.....	55,261	33,840	23,738	21,627	2,111	1,643	8,459	4,001	2,331	2,127
Idaho.....	21,025	13,372	9,579	9,174	405	826	2,967	1,166	1,180	621
Montana.....	22,330	15,727	10,187	8,939	1,248	683	4,857	2,360	1,086	1,411
S. Dak. (West).....	1,393	1,266	980	972	8	63	223	150	(2)	73
Wyoming.....	10,513	3,475	2,992	2,542	450	71	412	325	(2)	87
So. Rocky Mountain.....	89,630	20,489	16,126	13,351	2,775	423	3,940	2,749	156	1,035
Arizona.....	19,212	3,180	3,021	2,201	820	34	125	46	(2)	79
Colorado.....	20,834	8,451	6,668	6,262	406	170	1,613	994	(2)	619
Nevada.....	12,036	109	32	30	2	—	77	11	(2)	66
New Mexico.....	21,329	5,735	3,839	2,993	846	163	1,733	1,355	(2)	242
Utah.....	16,319	3,014	2,566	1,865	701	56	392	343	(2)	49
Coastal Alaska.....	16,508	4,269	4,250	3,445	805	—	19	—	—	19

<sup>1</sup> Comprises all land which is (a) producing, or physically capable of producing, usable crops of wood (usually sawtimber), (b) economically available now or prospectively, and (c) not withdrawn from timber utilization.

<sup>2</sup> Included with "Other" to avoid possible disclosure of area owned by individual "wood-using" industries. Where these combinations have been made, State figures for "Wood-using" industries and "Other" do not add to totals because national, regional, and sectional totals show correct ownership distribution.

<sup>3</sup> Less than 500 acres.

Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*.

**No. 893.—LIVE SAWTIMBER—VOLUME, 1953, AND ANNUAL GROWTH AND ANNUAL CUT, 1952, ON COMMERCIAL FOREST LAND, BY STATES AND FOR ALASKA**

[In millions of board feet. Sawtimber comprises all trees (except cull trees) which contain at least one merchantable sawlog as defined by regional practice, and which have the following minimum diameter at breast height: Eastern region softwoods, 9 inches; Eastern region hardwoods and all species of Western region, 11 inches]

STATE	NET VOLUME, 1953 <sup>1</sup>			NET ANNUAL GROWTH, 1952 <sup>2</sup>			NET ANNUAL CUT, 1952 <sup>3</sup>		
	Total	Softwood	Hardwood	Total	Softwood	Hardwood	Total	Softwood	Hardwood
<b>Total</b> .....	<b>2,056,847</b>	<b>1,647,554</b>	<b>409,293</b>	<b>47,397</b>	<b>28,011</b>	<b>19,386</b>	<b>48,840</b>	<b>36,546</b>	<b>12,294</b>
<b>The North</b> .....	<b>266,014</b>	<b>58,942</b>	<b>207,072</b>	<b>12,074</b>	<b>2,475</b>	<b>9,599</b>	<b>6,706</b>	<b>2,370</b>	<b>4,336</b>
New England.....	51,525	27,169	24,356	1,857	914	943	1,768	1,381	388
Connecticut.....	1,859	263	1,596	106	18	88	19	6	13
Maine.....	28,226	16,898	11,328	821	463	358	1,032	860	172
Massachusetts.....	2,659	1,299	1,360	139	68	71	86	62	24
New Hampshire.....	10,069	5,527	4,542	472	259	213	343	274	69
Rhode Island.....	165	29	136	9	2	7	2	(4)	2
Vermont.....	8,547	3,153	5,394	310	104	206	286	179	107
<b>Middle Atlantic</b> .....	<b>74,351</b>	<b>13,328</b>	<b>61,023</b>	<b>3,160</b>	<b>470</b>	<b>2,690</b>	<b>1,795</b>	<b>508</b>	<b>1,287</b>
Delaware.....	1,234	518	716	56	19	37	40	28	12
Maryland.....	6,771	1,526	5,245	324	59	265	249	119	130
New Jersey.....	1,660	351	1,309	81	13	68	34	11	23
New York.....	26,883	6,517	20,366	1,041	214	827	630	225	405
Pennsylvania.....	19,306	2,881	16,425	750	93	657	428	100	328
West Virginia.....	49,790	1,535	16,962	908	72	836	414	24	390
<b>Lake</b> .....	<b>49,790</b>	<b>14,355</b>	<b>35,435</b>	<b>2,693</b>	<b>802</b>	<b>1,891</b>	<b>1,240</b>	<b>384</b>	<b>856</b>
Michigan.....	21,141	5,469	15,672	1,010	287	723	594	156	439
Minnesota.....	12,538	5,039	7,499	788	328	460	242	124	118
Wisconsin.....	16,111	3,847	12,264	895	187	708	404	104	300
<b>Central</b> .....	<b>82,671</b>	<b>3,420</b>	<b>79,251</b>	<b>3,963</b>	<b>249</b>	<b>3,714</b>	<b>1,809</b>	<b>85</b>	<b>1,724</b>
Illinois.....	11,694	44	11,650	496	2	494	173	1	172
Indiana.....	11,671	54	11,617	497	2	495	269	(4)	268
Iowa.....	4,119	4	4,119	219	—	219	76	1	75
Kentucky.....	27,342	2,167	25,175	1,410	188	1,222	695	49	646
Missouri.....	13,195	809	12,386	785	44	741	316	32	284
Ohio.....	14,650	846	14,304	556	13	543	281	2	278
<b>Plains</b> .....	<b>7,677</b>	<b>670</b>	<b>7,007</b>	<b>401</b>	<b>40</b>	<b>361</b>	<b>94</b>	<b>12</b>	<b>81</b>
Kansas.....	3,371	6	3,365	178	(4)	178	28	(4)	28
Nebraska.....	1,253	187	1,066	68	10	56	10	1	9
North Dakota.....	653	—	653	28	—	28	5	(4)	5
Oklahoma (West).....	880	—	880	43	(4)	43	11	(4)	11
South Dakota (East).....	790	107	683	44	6	38	1	—	1
Texas (West).....	730	370	360	42	24	18	39	11	29
<b>The South</b> .....	<b>357,068</b>	<b>182,933</b>	<b>174,135</b>	<b>24,017</b>	<b>14,495</b>	<b>9,522</b>	<b>19,599</b>	<b>11,720</b>	<b>7,878</b>
<b>South Atlantic</b> .....	<b>106,858</b>	<b>51,144</b>	<b>55,714</b>	<b>6,880</b>	<b>3,670</b>	<b>3,210</b>	<b>5,352</b>	<b>3,360</b>	<b>1,992</b>
North Carolina.....	44,152	22,459	21,693	2,951	1,606	1,345	2,381	1,542	840
South Carolina.....	32,299	18,876	13,423	1,851	1,195	656	1,411	953	458
Virginia.....	30,407	9,809	20,598	2,078	869	1,209	1,560	865	695
<b>Southeast</b> .....	<b>139,302</b>	<b>76,833</b>	<b>62,469</b>	<b>10,935</b>	<b>6,679</b>	<b>3,356</b>	<b>9,411</b>	<b>5,724</b>	<b>3,687</b>
Alabama.....	58,211	21,929	16,282	2,070	1,864	906	2,377	1,498	879
Florida.....	23,032	18,064	4,968	1,625	1,389	236	931	808	123
Georgia.....	36,920	23,112	13,808	3,174	2,370	804	2,899	2,199	701
Mississippi.....	25,789	11,138	14,651	1,628	887	741	2,211	986	1,225
Tennessee.....	15,350	2,590	12,760	838	169	669	993	234	759
<b>West Gulf</b> .....	<b>110,908</b>	<b>54,956</b>	<b>55,952</b>	<b>7,102</b>	<b>4,146</b>	<b>2,956</b>	<b>4,835</b>	<b>2,636</b>	<b>2,199</b>
Arkansas.....	38,317	17,777	20,540	2,253	1,220	1,033	1,552	685	867
Louisiana.....	41,436	18,208	23,228	2,691	1,445	1,246	1,595	749	846
Oklahoma (East).....	5,580	2,230	3,350	286	145	141	142	52	89
Texas (East).....	25,575	16,741	8,834	1,872	1,336	536	1,546	1,150	396
<b>The West</b> .....	<b>1,344,707</b>	<b>1,316,728</b>	<b>27,979</b>	<b>11,178</b>	<b>10,914</b>	<b>264</b>	<b>22,449</b>	<b>22,369</b>	<b>80</b>
<b>Pacific Northwest</b> .....	<b>748,876</b>	<b>731,433</b>	<b>17,443</b>	<b>5,977</b>	<b>5,834</b>	<b>143</b>	<b>14,271</b>	<b>14,219</b>	<b>51</b>
Oregon.....	433,809	424,721	9,088	3,560	3,481	79	9,808	9,791	17
Washington.....	315,067	306,712	8,355	2,417	2,353	64	4,462	4,428	34
<b>California</b> .....	<b>360,001</b>	<b>354,024</b>	<b>5,977</b>	<b>2,939</b>	<b>2,895</b>	<b>44</b>	<b>5,724</b>	<b>5,704</b>	<b>20</b>
<b>Northern Rocky Mountain</b> .....	<b>167,022</b>	<b>165,682</b>	<b>1,340</b>	<b>1,534</b>	<b>1,508</b>	<b>26</b>	<b>1,899</b>	<b>1,897</b>	<b>2</b>
Idaho.....	96,015	95,809	206	1,139	1,135	4	1,125	1,124	1
Montana.....	55,770	55,075	695	247	229	18	664	663	1
South Dakota (West).....	3,167	3,167	—	61	—	—	41	41	(4)
Wyoming.....	12,070	11,631	439	87	83	4	70	70	(4)
<b>Southern Rocky Mountain</b> .....	<b>68,808</b>	<b>65,589</b>	<b>3,219</b>	<b>728</b>	<b>677</b>	<b>51</b>	<b>555</b>	<b>549</b>	<b>6</b>
Arizona.....	19,988	19,817	171	134	132	2	255	254	1
Colorado.....	25,394	23,777	1,617	241	224	17	145	142	3
Nevada.....	572	565	7	5	5	—	1	1	—
New Mexico.....	15,054	14,038	1,016	311	281	30	114	114	—
Utah.....	7,800	7,392	408	37	35	2	40	37	2
<b>Coastal Alaska</b> .....	<b>89,058</b>	<b>88,951</b>	<b>107</b>	<b>128</b>	<b>127</b>	<b>1</b>	<b>86</b>	<b>86</b>	<b>—</b>

<sup>1</sup> As of Jan. 1.    <sup>2</sup> Comprises natural growth and excludes catastrophic losses.

<sup>3</sup> Trees cut or killed by logging.    <sup>4</sup> Less than one-half million.

Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*.

No. 894.—GROWING STOCK—VOLUME, 1953, AND ANNUAL GROWTH AND ANNUAL CUT, 1952, ON COMMERCIAL FOREST LAND, BY STATES AND FOR ALASKA

[In millions of cubic feet. Growing stock comprises all trees of commercial species which meet regional specifications for soundness and form, and which have a minimum diameter of 5 inches at breast height]

STATE	NET VOLUME, 1953 <sup>1</sup>			NET ANNUAL GROWTH, 1952 <sup>2</sup>			NET ANNUAL CUT, 1952 <sup>3</sup>		
	Total	Soft-wood	Hard-wood	Total	Soft-wood	Hard-wood	Total	Soft-wood	Hard-wood
<b>Total</b> .....	516,935	355,155	161,780	14,243	7,013	7,230	10,757	7,487	3,270
<b>The North</b> .....	111,498	23,146	88,352	4,659	821	3,838	1,940	700	1,240
New England.....	24,345	9,857	14,388	878	291	587	500	361	139
Connecticut.....	1,804	158	1,146	68	10	58	9	2	7
Maine.....	12,601	5,850	6,751	375	141	234	285	222	63
Massachusetts.....	1,671	631	1,240	80	25	55	26	16	10
New Hampshire.....	4,452	2,065	2,387	212	80	132	98	75	24
Rhode Island.....	161	15	146	9	1	8	1	(4)	1
Vermont.....	3,953	1,238	2,715	134	34	100	81	47	34
<b>Middle Atlantic</b> .....	34,483	5,390	29,093	1,357	156	1,201	469	130	340
Delaware.....	464	217	247	18	7	11	6	9	3
Maryland.....	2,899	806	2,093	117	24	93	64	33	31
New Jersey.....	1,952	197	755	38	6	32	13	6	8
New York.....	11,675	2,544	9,131	393	66	327	141	51	89
Pennsylvania.....	10,629	1,020	9,609	357	28	331	131	25	106
West Virginia.....	7,864	608	7,256	434	27	407	109	6	103
<b>Lake</b> .....	25,218	6,543	18,675	1,180	319	861	537	189	349
Michigan.....	9,912	2,278	7,634	433	135	298	216	67	148
Minnesota.....	7,235	2,829	4,406	385	118	267	148	79	70
Wisconsin.....	8,071	1,436	6,635	362	66	296	174	43	131
<b>Central</b> .....	24,624	1,042	23,582	1,128	46	1,082	405	17	388
Illinois.....	3,050	14	3,036	135	1	134	38	(4)	38
Indiana.....	3,041	26	3,015	139	1	138	52	(4)	52
Iowa.....	1,183	1	1,182	49	(4)	49	17	(4)	17
Kentucky.....	7,834	571	7,263	365	28	337	162	10	151
Missouri.....	5,503	334	5,169	270	12	258	84	6	78
Ohio.....	4,013	96	3,917	170	4	166	53	(4)	53
<b>Plains</b> .....	2,828	214	2,614	116	9	107	28	4	24
Kansas.....	954	8	946	39	(4)	39	8	(4)	8
Nebraska.....	462	65	397	19	3	16	3	(4)	3
North Dakota.....	251	1	250	9	—	9	3	(4)	3
Oklahoma (West).....	337	(4)	337	16	(4)	16	3	(4)	3
South Dakota (East).....	601	55	546	21	1	20	(4)	(4)	(4)
Texas (West).....	223	85	138	12	5	7	11	3	(4)
<b>The South</b> .....	113,701	51,097	62,604	6,807	3,564	3,243	5,053	3,046	2,007
South Atlantic.....	33,758	14,877	18,881	1,908	969	939	1,455	916	539
North Carolina.....	13,642	6,379	7,263	802	416	386	647	415	231
South Carolina.....	9,613	5,288	4,325	509	334	175	380	262	119
Virginia.....	10,503	3,210	7,293	597	219	378	428	239	189
<b>Southeast</b> .....	47,955	23,501	24,454	3,056	1,714	1,342	2,405	1,479	926
Alabama.....	11,713	5,616	6,097	769	431	338	582	371	211
Florida.....	8,152	5,942	2,210	458	362	96	252	224	27
Georgia.....	12,692	7,773	4,919	869	590	279	750	573	177
Mississippi.....	9,623	3,288	6,340	716	279	437	570	258	312
Tennessee.....	5,770	882	4,888	244	52	192	252	53	199
<b>West Gulf</b> .....	31,938	12,689	19,299	1,843	881	962	1,193	651	542
Arkansas.....	11,762	4,318	7,444	573	268	305	380	165	216
Louisiana.....	11,199	3,927	7,272	687	292	395	405	199	206
Oklahoma (East).....	1,780	680	1,200	97	36	61	39	13	26
Texas (East).....	7,247	3,864	3,383	436	285	201	368	275	94
<b>The West</b> .....	273,240	262,469	10,771	2,745	2,596	149	3,751	3,729	23
<b>Pacific Northwest</b> .....	146,194	140,581	5,613	1,327	1,272	55	2,391	2,382	9
Oregon.....	80,973	78,298	2,675	686	658	28	1,609	1,606	3
Washington.....	65,221	62,283	2,938	641	614	27	782	776	6
<b>California</b> .....	66,711	63,664	3,047	595	539	56	932	920	11
<b>Northern Rocky Mountain</b> .....	42,763	42,290	473	603	591	12	329	328	1
Idaho.....	21,246	21,139	107	354	352	2	188	188	(4)
Montana.....	16,143	15,895	248	172	164	8	118	117	(4)
South Dakota (West).....	1,287	1,287	—	26	26	—	9	8	(4)
Wyoming.....	4,087	3,969	118	51	49	2	15	15	(4)
<b>Southern Rocky Mountain</b> .....	17,572	15,934	1,638	220	194	26	100	99	(4)
Arizona.....	3,700	3,624	76	27	27	—	42	41	(4)
Colorado.....	8,037	7,470	567	110	96	14	31	31	(4)
Nevada.....	151	126	25	2	2	(4)	(4)	(4)	1
New Mexico.....	3,683	3,136	547	72	62	10	19	19	—
Utah.....	2,001	1,578	423	9	7	2	8	8	—
<b>Coastal Alaska</b> .....	18,496	18,473	23	32	32	(4)	12	12	—

<sup>1</sup> As of Jan. 1.

<sup>2</sup> Comprises natural growth and excludes catastrophic losses.

<sup>3</sup> Live sawtimber and pole/timber trees cut or killed by logging.

<sup>4</sup> Less than one-half million.

Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*.

## No. 895.—LIVE SAWTIMBER—VOLUME, BY SPECIES, FOR REGIONS AND ALASKA: 1953

[In millions of board feet (log scale, International 1/4-inch rule). As of January 1. For States represented in regions shown, see table 893]

SPECIES GROUP	Total North and South	THE NORTH					THE SOUTH		
		New England	Middle Atlantic	Lake	Central	Plains	South Atlantic	South-east	West Gulf
Eastern species, total.....	623,082	51,525	74,351	49,790	82,671	17,677	106,858	139,302	110,908
Softwoods, total.....	241,875	27,169	13,328	14,355	3,420	1,670	51,144	76,833	54,956
White and red pine.....	17,330	7,602	3,577	5,015	68		1,737	331	
Jack pine.....	2,104	1	20	2,083					
Longleaf and slash pine.....	36,638						3,184	31,083	2,371
Shortleaf and loblolly pine.....	124,744		1,725		1,897	370	36,968	35,078	48,706
Other pines.....	12,251	41	1,555		580		6,148	3,625	302
Spruce and balsam fir.....	19,084	14,440	1,937	2,697			10		
Hemlock.....	12,333	3,749	4,012	2,735	432		1,113	292	
Cypress.....	12,682				280	(2)	2,761	6,097	3,544
Other.....	4,709	1,336	502	1,825	163	1,300	223	327	33
Hardwoods, total.....	381,207	24,356	61,023	35,435	79,251	7,007	55,714	62,469	55,952
White oak <sup>1</sup> .....	35,432	423	6,863	1,965	11,294	7	5,664	5,125	4,091
Other white oak.....	27,342	39	2,126	784	7,423	472	5,325	4,731	6,442
Red oak <sup>2</sup> .....	31,023	1,709	10,178	5,600	5,894	173	2,576	2,553	2,340
Other red oak.....	52,592	347	3,166	1,145	14,565	649	8,630	12,536	11,554
Yellow birch.....	11,701	5,824	3,924	1,890	9		25	11	18
Sugar maple.....	22,929	6,315	7,289	6,080	2,833		141	217	54
Soft maple.....	13,913	1,098	4,304	2,047	2,704	42	2,183	1,088	447
Beech.....	15,888	2,055	6,174	1,068	3,850		772	1,211	758
Sweetgum.....	25,750		883		910	160	6,927	8,299	8,571
Tupelo and blackgum.....	24,563	3	654		1,017	82	8,874	8,373	5,560
Ash.....	11,027	355	1,655	1,425	2,477	385	1,334	1,307	2,089
Hickory.....	23,896	93	2,046	150	6,688	55	3,535	6,111	5,218
Cottonwood and aspen.....	9,376	348	309	3,958	1,617	1,682	88	558	816
Basswood.....	6,763	112	2,026	2,759	1,271	130	192	235	38
Yellow poplar.....	16,370	107	3,035		3,649		5,675	3,845	59
Black walnut.....	2,109		83	27	1,408	169	162	206	54
Other.....	50,533	5,528	6,308	6,537	11,642	3,001	3,611	6,063	7,843

SPECIES GROUP	THE WEST							Coastal Alaska
	Total	Pacific Northwest			California	North-ern Rocky Mountain	South-ern Rocky Mountain	
		Total	Douglas-fir sub-region	Pine sub-region				
Western species, total.....	1,344,707	748,876	594,375	154,501	360,001	167,022	68,808	89,058
Softwoods, total.....	1,316,728	731,433	577,116	154,317	354,024	165,682	65,589	88,951
Douglas fir.....	531,868	365,912	337,251	28,661	116,912	43,220	5,824	
Ponderosa and Jeffrey pine.....	224,209	92,232	5,900	86,332	66,741	33,061	32,175	
True firs.....	183,705	73,508	58,428	15,080	88,717	16,983	4,497	
Western hemlock.....	117,497	114,735	112,065	2,670	478	2,284		54,398
Sugar pine.....	35,121	7,737	7,418	319	27,384			
Western white pine.....	21,383	4,771	3,244	1,527	2,131	14,474	7	
Redwood.....	36,214	90	90		36,124			
Sitka spruce.....	9,293	9,123	9,123		170			26,595
Engelmann and other spruces.....	36,962	3,371	410	2,961		17,737	15,854	173
Western larch.....	28,019	10,348	210	10,138		17,671		
Western red cedar.....	31,654	28,198	27,575	623	2	3,454		4,641
California incense cedar.....	13,296	3,557	3,321	236	9,727		12	
Lodgepole pine.....	30,051	3,553	334	3,219	3,807	15,891	6,800	75
Other softwoods.....	17,456	14,298	11,747	2,551	1,831	907	420	3,069
Hardwoods.....	27,979	17,443	17,259	184	5,977	1,340	3,219	107

<sup>1</sup> Includes 294 million board feet of ponderosa pine.<sup>2</sup> Less than one-half million.<sup>3</sup> *Quercus alba* and *Quercus prinus*.<sup>4</sup> *Quercus borealis*, *Quercus falcata* var. *pagodaefolia*, and *Quercus shumardii*.<sup>5</sup> Excludes ponderosa pine in the Plains region.Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*.

No. 896.—ANNUAL MORTALITY OF GROWING STOCK AND OF LIVE SAWTIMBER,  
BY CAUSE, ON COMMERCIAL FOREST LAND, BY STATES AND FOR ALASKA: 1952

[Mortality of growing stock in cubic feet excluding bark, and of live sawtimber in board feet (log scale, International 1/4-inch rule). Estimates represent current level of mortality indicated by trends over a long period of years as determined in 1952]

STATE	GROWING STOCK (1,000,000 cu. ft.)					LIVE SAWTIMBER (1,000,000 bd. ft.)				
	Total	Mortality cause				Total	Mortality cause			
		Fire	Insects	Disease	Other <sup>1</sup>		Fire	Insects	Disease	Other <sup>1</sup>
<b>Total</b> .....	<b>3,489</b>	<b>235</b>	<b>970</b>	<b>773</b>	<b>1,510</b>	<b>12,522</b>	<b>781</b>	<b>4,833</b>	<b>2,279</b>	<b>4,629</b>
<b>The North</b> .....	<b>1,146</b>	<b>38</b>	<b>65</b>	<b>461</b>	<b>584</b>	<b>2,079</b>	<b>71</b>	<b>99</b>	<b>914</b>	<b>995</b>
New England.....	298	4	23	218	53	645	7	53	475	110
Connecticut.....	7	2	( <sup>2</sup> )	1	4	4	2	( <sup>2</sup> )	2	( <sup>2</sup> )
Maine.....	196	1	10	154	31	402	3	30	303	66
Massachusetts.....	20	1	6	8	5	30	( <sup>2</sup> )	3	21	6
New Hampshire.....	52	( <sup>2</sup> )	5	42	5	140	1	12	117	10
Rhode Island.....	1	( <sup>2</sup> )	—	( <sup>2</sup> )	1	2	1	—	( <sup>2</sup> )	1
Vermont.....	22	( <sup>2</sup> )	2	13	7	67	( <sup>2</sup> )	8	32	27
<b>Middle Atlantic</b> .....	<b>233</b>	<b>8</b>	<b>8</b>	<b>39</b>	<b>178</b>	<b>354</b>	<b>10</b>	<b>24</b>	<b>107</b>	<b>213</b>
Delaware.....	4	( <sup>2</sup> )	—	( <sup>2</sup> )	4	4	( <sup>2</sup> )	—	( <sup>2</sup> )	4
Maryland.....	16	1	( <sup>2</sup> )	1	14	21	2	1	4	14
New Jersey.....	5	( <sup>2</sup> )	( <sup>2</sup> )	2	3	6	1	( <sup>2</sup> )	1	4
New York.....	104	4	3	21	76	147	4	10	63	70
Pennsylvania.....	85	2	4	12	67	103	1	8	30	64
West Virginia.....	19	1	1	3	14	73	2	5	9	57
<b>Lake</b> .....	<b>485</b>	<b>2</b>	<b>34</b>	<b>166</b>	<b>283</b>	<b>698</b>	<b>3</b>	<b>20</b>	<b>193</b>	<b>482</b>
Michigan.....	136	1	13	43	79	278	1	7	63	207
Minnesota.....	173	1	14	69	89	194	2	11	68	113
Wisconsin.....	176	( <sup>2</sup> )	7	54	115	226	( <sup>2</sup> )	2	62	162
<b>Central</b> .....	<b>102</b>	<b>21</b>	—	<b>29</b>	<b>52</b>	<b>312</b>	<b>46</b>	—	<b>111</b>	<b>155</b>
Illinois.....	15	1	—	5	9	59	2	—	19	38
Indiana.....	7	1	—	2	4	19	2	—	8	9
Iowa.....	12	1	—	4	7	46	4	—	18	18
Kentucky.....	30	6	—	9	15	90	13	—	27	50
Missouri.....	30	11	—	6	13	79	23	—	28	28
Ohio.....	8	1	—	3	4	25	2	—	11	12
<b>Plains</b> .....	<b>28</b>	<b>1</b>	<b>(<sup>2</sup>)</b>	<b>9</b>	<b>18</b>	<b>70</b>	<b>5</b>	<b>2</b>	<b>28</b>	<b>35</b>
Kansas.....	9	1	—	3	5	32	3	—	14	15
Nebraska.....	5	( <sup>2</sup> )	—	1	4	12	1	—	6	5
North Dakota.....	5	( <sup>2</sup> )	( <sup>2</sup> )	3	2	10	( <sup>2</sup> )	1	5	4
Okla. (West).....	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2	5	1	( <sup>2</sup> )	( <sup>2</sup> )	4
S. Dak. (East).....	5	( <sup>2</sup> )	( <sup>2</sup> )	2	3	7	—	—	3	4
Texas (West).....	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2	4	( <sup>2</sup> )	1	( <sup>2</sup> )	3
<b>The South</b> .....	<b>629</b>	<b>126</b>	<b>112</b>	<b>73</b>	<b>318</b>	<b>1,768</b>	<b>294</b>	<b>412</b>	<b>233</b>	<b>829</b>
<b>South Atlantic</b> .....	<b>95</b>	<b>16</b>	<b>23</b>	<b>20</b>	<b>36</b>	<b>267</b>	<b>47</b>	<b>72</b>	<b>68</b>	<b>80</b>
North Carolina.....	35	6	9	7	13	98	17	26	25	30
South Carolina.....	39	6	10	8	15	127	23	37	32	35
Virginia.....	21	4	4	5	8	42	7	9	11	15
<b>Southeast</b> .....	<b>314</b>	<b>71</b>	<b>42</b>	<b>40</b>	<b>161</b>	<b>841</b>	<b>154</b>	<b>156</b>	<b>124</b>	<b>407</b>
Alabama.....	82	10	13	12	47	229	19	56	32	122
Florida.....	40	11	5	7	17	117	22	22	23	50
Georgia.....	80	23	11	15	31	242	66	38	51	87
Mississippi.....	70	14	10	4	42	159	25	32	11	91
Tennessee.....	42	13	3	2	24	94	22	8	7	57
<b>West Gulf</b> .....	<b>220</b>	<b>39</b>	<b>47</b>	<b>13</b>	<b>121</b>	<b>660</b>	<b>93</b>	<b>184</b>	<b>41</b>	<b>342</b>
Arkansas.....	82	16	13	5	48	226	36	48	15	127
Louisiana.....	76	14	15	5	42	248	40	61	19	128
Okla. (East).....	12	2	2	1	7	33	3	9	2	19
Texas (East).....	50	7	17	2	24	153	14	66	5	68
<b>The West</b> .....	<b>1,614</b>	<b>73</b>	<b>766</b>	<b>190</b>	<b>585</b>	<b>8,283</b>	<b>414</b>	<b>4,224</b>	<b>928</b>	<b>2,717</b>
<b>Pacific Northwest</b> .....	<b>747</b>	<b>34</b>	<b>314</b>	<b>78</b>	<b>321</b>	<b>4,037</b>	<b>193</b>	<b>1,735</b>	<b>444</b>	<b>1,665</b>
Oregon.....	393	23	170	40	160	2,314	120	1,037	253	895
Washington.....	354	11	144	38	161	1,723	64	698	191	770
<b>California</b> .....	<b>359</b>	<b>21</b>	<b>228</b>	<b>45</b>	<b>65</b>	<b>1,865</b>	<b>131</b>	<b>1,358</b>	<b>204</b>	<b>172</b>
<b>No. Rocky Mountain</b> .....	<b>308</b>	<b>7</b>	<b>158</b>	<b>36</b>	<b>107</b>	<b>1,475</b>	<b>27</b>	<b>833</b>	<b>134</b>	<b>481</b>
Idaho.....	153	5	77	30	41	714	20	399	95	200
Montana.....	123	2	75	6	40	690	7	408	30	185
S. Dak. (West).....	4	( <sup>2</sup> )	1	( <sup>2</sup> )	3	15	( <sup>2</sup> )	3	( <sup>2</sup> )	12
Wyoming.....	28	( <sup>2</sup> )	5	( <sup>2</sup> )	23	116	( <sup>2</sup> )	23	9	84
<b>So. Rocky Mountain</b> .....	<b>200</b>	<b>11</b>	<b>66</b>	<b>31</b>	<b>92</b>	<b>906</b>	<b>63</b>	<b>298</b>	<b>146</b>	<b>399</b>
Arizona.....	46	( <sup>2</sup> )	13	8	21	240	24	63	39	114
Colorado.....	73	( <sup>2</sup> )	27	5	41	275	2	121	24	123
Nevada.....	1	( <sup>2</sup> )	1	( <sup>2</sup> )	( <sup>2</sup> )	5	1	3	( <sup>2</sup> )	1
New Mexico.....	68	( <sup>2</sup> )	18	14	29	334	35	84	67	148
Utah.....	12	( <sup>2</sup> )	7	4	1	52	1	27	16	8
<b>Coastal Alaska</b> .....	<b>100</b>	<b>1</b>	<b>27</b>	<b>49</b>	<b>23</b>	<b>392</b>	<b>2</b>	<b>98</b>	<b>204</b>	<b>88</b>

<sup>1</sup> Weather, animals, suppression, etc.

<sup>2</sup> Less than one-half million.

Source: Department of Agriculture, Forest Service; *Timber Resources for America's Future*.

# FOREST FIRES

693

## NO. 897.—FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL, AND STATE AND PRIVATE FOREST LANDS: 1935 TO 1956

[Area in thousands of acres. For years ending December 31. See also *Historical Statistics, 1789-1945*, series F 145-150]

YEAR	FEDERAL LANDS, PROTECTED AREA <sup>1</sup>			STATE AND PRIVATE FORESTS <sup>2</sup>					
				On protected area			On unprotected area		
	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over
1935	180,443	7,962	228	288,751	54,592	2,311	204,379	77,743	27,796
1940	153,723	14,076	482	281,706	73,627	2,934	146,749	107,824	22,432
1945	213,210	8,539	445	302,942	48,176	2,456	126,959	68,013	14,780
1946	213,597	9,670	321	318,505	66,103	2,253	120,489	96,505	18,117
1947	215,361	8,928	318	327,068	71,442	2,814	111,026	120,429	20,094
1948	217,724	6,681	312	339,463	61,095	1,962	99,531	106,413	14,283
1949	214,505	9,592	317	357,168	78,649	2,320	81,826	105,533	12,760
1950	212,622	8,418	391	360,564	96,578	3,407	66,130	103,404	11,720
1951	212,502	8,638	471	363,414	97,230	3,055	63,280	58,222	7,255
1952	212,518	9,634	281	368,692	118,363	6,347	58,002	60,280	7,559
1953	212,394	10,149	318	373,826	94,446	2,534	52,868	49,565	7,124
1954	217,850	8,592	176	382,387	118,631	2,787	48,722	49,614	5,830
1955	216,728	6,830	364	387,156	80,774	2,448	43,953	57,576	4,976
1956	217,108	11,341	372	389,924	82,997	1,618	41,185	49,147	4,621

<sup>1</sup> In continental U. S.; comprises National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

<sup>2</sup> In continental U. S. and Hawaii. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates.

<sup>3</sup> Includes nonforest area needing protection.

Source: Department of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and records.

## NO. 898.—FOREST FIRES—EXPENDITURES FOR CONTROL ON STATE AND PRIVATE FOREST LANDS, 1920 TO 1957, AND BY STATES, 1957

[In thousands of dollars. See also *Historical Statistics, 1789-1945*, series F 151-154]

FISCAL YEAR AND STATE	Total expenditures	Federal	State and county	Private agencies	STATE	Total expenditures	Federal	State and county	Private agencies
1920	945	85	860	1,232	1957—Continued				
1930	5,370	1,252	2,886	2,045	Florida	2,515	554	1,738	223
1940	9,188	1,988	5,155	2,045	Georgia	3,038	562	2,441	35
1945	13,673	4,998	6,562	2,113	Kentucky	505	108	397	—
1946	16,899	7,012	7,498	2,389	Louisiana	1,722	356	1,358	8
1947	19,603	7,890	9,477	2,235	Maine	959	216	743	—
1948	23,500	8,605	12,331	2,064	Maryland	524	104	420	—
1949	27,875	8,572	17,201	2,102	Michigan	2,401	435	1,966	—
1950	28,934	8,551	13,121	2,262	Minnesota	896	295	601	—
1951	33,160	8,996	21,885	2,279	Mississippi	1,552	291	1,261	—
1952	35,597	8,960	23,734	2,903	Missouri	755	194	561	—
1953	37,716	8,946	26,460	2,310	New York	1,127	236	891	—
1954	39,435	8,934	28,395	2,106	North Carolina	1,300	324	944	32
1955	39,216	8,945	28,168	2,103	Oregon	2,734	587	1,340	807
1956	42,393	9,485	30,637	2,271	Pennsylvania	703	180	523	—
1957					South Carolina	1,280	283	997	—
Total	45,337	9,386	33,802	2,149	Tennessee	954	212	738	4
Alabama	1,175	374	668	133	Texas	898	230	559	109
Arkansas	1,122	282	753	87	Virginia	1,006	212	790	4
California	9,460	1,308	8,152	—	Washington	2,702	554	1,796	352
					Wisconsin	1,701	343	1,358	—
					Other States <sup>1</sup>	4,308	1,146	2,807	355

<sup>1</sup> Comprises Hawaii and all States with expenditures of less than \$500,000.

Source: Department of Agriculture, Forest Service.

## No. 899.—NATIONAL FOREST AREAS AND PURCHASES: 1920 TO 1957

[National forest area data are as of June 30 and include Alaska and Puerto Rico. Forest reservation purchases are for year ending June 30, and include Puerto Rico. See also *Historical Statistics, 1789-1946*, series F 69-73]

ITEM	1920	1930	1940	1950	1954	1955	1956	1957
<b>NATIONAL FOREST AREAS <sup>1</sup></b>								
Gross area within established boundaries-----1,000 acres--	180,300	183,976	228,174	220,341	235,694	235,728	232,118	231,293
Under Forest Service administration 1,000 acres--	156,032	160,091	176,779	181,205	188,138	188,120	188,117	188,013
<b>NATIONAL FOREST PURCHASES</b>								
Gross area approved for purchase.....acres--	101,428	538,048	553,077	61,078	7,761	18,665	21,376	17,519
Average price per acre.....dollars--	4.44	2.73	3.98	8.71	14.02	10.30	17.42	23.74
Total price.....\$1,000--	461	1,468	2,203	532	109	192	372	416

<sup>1</sup> See headnote, table 901.

Source: Department of Agriculture, Forest Service; annual reports on *National Forest Areas*, and annual reports of the National Forest Reservation Commission.

## No. 900.—NATIONAL FOREST LAND PURCHASES, BY STATES AND FOR PUERTO RICO: CUMULATIVE TO JUNE 30, 1957

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED		
		Acres	Average price per acre	Total price (\$1,000)	Acres	Average price per acre	Total price (\$1,000)
<b>Total</b> -----	<b>55,830,583</b>	<b>18,900,841</b>	<b>3.91</b>	<b>73,925</b>	<b>18,876,348</b>	<b>3.89</b>	<b>73,459</b>
Alabama-----	1,252,069	504,232	3.67	1,851	504,232	3.67	1,851
Arkansas-----	3,418,625	1,195,296	2.94	3,508	1,194,959	2.93	3,497
California-----	2,885,062	152,882	8.90	1,361	152,837	8.89	1,358
Florida-----	1,223,121	782,984	3.16	2,473	782,984	3.16	2,473
Georgia-----	1,534,753	600,857	4.94	2,970	600,857	4.94	2,970
Idaho-----	726,970	36,834	3.56	131	35,091	3.44	121
Illinois-----	802,383	197,425	6.42	1,268	197,361	6.42	1,261
Indiana-----	722,460	109,022	7.26	795	109,585	7.25	795
Iowa-----	4,749	4,740	9.11	43	4,749	9.11	43
Kentucky-----	1,411,080	458,209	4.07	1,896	457,159	4.05	1,853
Louisiana-----	950,950	551,024	3.00	1,656	551,584	3.00	1,655
Maine-----	93,283	49,531	6.60	327	49,531	6.60	327
Michigan-----	5,103,486	1,892,224	3.06	5,794	1,892,224	3.06	5,794
Minnesota-----	5,041,819	1,598,304	3.03	4,848	1,590,267	2.84	4,527
Mississippi-----	2,190,618	1,005,245	3.54	3,593	1,005,245	3.54	3,593
Missouri-----	3,384,841	1,324,233	2.32	3,067	1,324,233	2.32	3,067
Nevada-----	3,840,884	19,307	9.49	183	19,084	9.56	183
New Hampshire-----	802,714	674,909	7.76	5,238	674,784	7.76	5,235
New Mexico-----	92,614	20,715	1.92	40	20,715	1.92	40
North Carolina-----	3,234,926	1,030,251	5.19	5,382	1,036,161	5.19	5,381
North Dakota-----	520	480	10.00	5	480	10.00	5
Ohio-----	1,454,976	104,227	7.44	776	103,965	7.42	771
Oklahoma-----	256,392	180,216	1.84	331	178,917	1.80	322
Oregon-----	69,704	52,467	17.03	894	52,467	17.03	894
Pennsylvania-----	702,460	470,205	6.26	2,945	470,197	6.26	2,945
South Carolina-----	1,374,439	502,943	0.23	3,505	502,943	6.23	3,505
Tennessee-----	1,211,897	502,741	4.48	2,523	502,741	4.48	2,523
Texas-----	1,182,376	652,753	4.92	3,017	652,753	4.62	3,017
Utah-----	2,966,262	135,861	8.42	464	126,680	3.08	395
Vermont-----	626,004	220,897	9.20	2,087	220,739	9.19	2,084
Virginia-----	3,220,619	1,452,648	3.28	4,769	1,450,461	3.28	4,754
West Virginia-----	1,824,619	903,436	3.41	3,077	903,434	3.41	3,077
Wisconsin-----	2,024,257	1,306,863	2.17	2,971	1,306,863	2.17	2,971
Puerto Rico-----	186,155	14,111	13.95	197	14,066	13.98	196

Source: National Forest Reservation Commission; *Annual Report*.



# No. 901.—NATIONAL FOREST AND OTHER AREAS, BY STATES AND FOR ALASKA AND PUERTO RICO: 1957

In acres. As of June 30. Comprises national forests, purchase units, experimental areas, land utilization and other areas placed under administration of Forest Service, but not given a national-forest status. See also *Historical Statistics, 1789-1946, series F 69-70, for gross area and area under Forest Service*

STATE OR OTHER AREA	Gross area	Not under Forest Service administration	Under Forest Service administration	STATE OR OTHER AREA	Gross area	Not under Forest Service administration	Under Forest Service administration
<b>Total</b> .....	<b>231,292,839</b>	<b>43,279,562</b>	<b>188,013,278</b>	Nevada.....	5,378,727	320,815	5,057,912
Alabama.....	1,774,257	1,142,126	632,131	New Hampshire.....	804,965	127,436	677,529
Arizona.....	12,150,912	702,121	11,394,791	New Mexico.....	10,597,396	1,346,448	9,250,948
Arkansas.....	3,654,879	1,221,428	2,433,451	New York.....	13,747	-----	13,747
California.....	24,300,748	4,310,846	19,989,902	North Carolina.....	3,338,673	2,201,179	1,137,494
Colorado.....	16,872,729	1,500,375	14,372,354	North Dakota.....	1,103,879	-----	1,103,879
Florida.....	1,358,385	169,175	1,189,210	Ohio.....	1,454,976	1,348,827	106,149
Georgia.....	1,706,070	922,757	783,314	Oklahoma.....	372,778	105,858	266,920
Idaho.....	21,619,109	1,293,554	20,325,555	Oregon.....	17,491,084	2,552,338	14,938,746
Illinois.....	802,383	591,365	211,018	Pennsylvania.....	741,152	270,307	470,845
Indiana.....	725,640	605,301	120,339	South Carolina.....	1,423,840	836,059	587,781
Iowa.....	4,749	-----	4,749	South Dakota.....	2,281,414	284,222	1,997,192
Kansas.....	106,403	-----	106,403	Tennessee.....	1,213,109	617,129	595,980
Kentucky.....	1,411,699	952,916	458,783	Texas.....	1,841,760	1,058,971	782,789
Louisiana.....	1,053,353	461,615	591,738	Utah.....	9,049,143	1,120,861	7,928,287
Maine.....	94,008	43,727	50,281	Vermont.....	629,004	338,480	230,524
Massachusetts.....	1,651	-----	1,651	Virginia.....	4,019,002	2,569,443	1,449,559
Michigan.....	5,110,902	2,545,096	2,565,466	Washington.....	10,742,073	1,051,261	9,690,812
Minnesota.....	5,041,819	2,261,050	2,790,769	West Virginia.....	1,832,868	929,624	903,244
Mississippi.....	2,861,661	1,727,682	1,133,979	Wisconsin.....	2,024,275	557,907	1,466,368
Missouri.....	3,397,779	2,022,895	1,374,884	Wyoming.....	9,589,556	450,001	9,139,555
Montana.....	20,991,873	2,420,111	18,571,762	Alaska.....	20,775,765	35,173	20,740,592
Nebraska.....	340,897	1,181	339,716	Puerto Rico.....	186,182	151,512	34,670

Source: Department of Agriculture, Forest Service; annual report, *National Forest Areas*.

# No. 902.—FOREST TREE DISTRIBUTION PROGRAM, WITH COSTS, BY STATES AND FOR HAWAII AND PUERTO RICO: 1957

[For year ending June 30]

STATE OR OTHER AREA	Trees distributed (1,000)	EXPENDITURES		STATE OR OTHER AREA	Trees distributed (1,000)	EXPENDITURES	
		Total	Federal contribution <sup>1</sup>			Total	Federal contribution <sup>1</sup>
<b>Total</b> .....	<b>712,272</b>	<b>\$5,768,775</b>	<b>\$819,713</b>	Nebraska.....	1,078	\$37,498	\$1,825
Alabama.....	48,293	202,906	19,198	New Hampshire.....	1,186	35,152	13,572
Arkansas.....	18,252	81,922	10,199	New Jersey.....	731	32,069	10,469
California.....	1,229	85,877	29,406	New York.....	30,776	320,274	38,368
Colorado.....	426	20,746	3,316	North Carolina.....	46,885	204,117	29,406
Connecticut.....	722	79,078	29,406	North Dakota.....	939	38,794	8,262
Delaware.....	453	13,177	6,231	Ohio.....	11,746	243,241	29,406
Florida.....	138,897	386,376	54,406	Oklahoma.....	1,945	29,143	9,022
Georgia.....	80,836	421,649	64,406	Oregon.....	6,592	68,027	5,181
Idaho.....	345	21,107	6,218	Pennsylvania.....	14,126	165,330	30,906
Illinois.....	8,257	150,090	-----	Rhode Island.....	153	15,069	5,800
Indiana.....	6,825	173,688	-----	South Carolina.....	54,511	218,422	29,406
Iowa.....	1,284	81,022	-----	South Dakota.....	2,195	72,501	5,722
Kansas.....	497	24,594	2,864	Tennessee.....	28,623	124,268	21,710
Kentucky.....	8,929	111,814	29,406	Texas.....	18,346	125,161	13,625
Louisiana.....	51,425	251,773	29,406	Utah.....	100	33,690	4,000
Maine.....	1,013	36,065	15,000	Vermont.....	2,292	64,722	23,163
Maryland.....	3,106	43,458	21,390	Virginia.....	31,740	222,974	38,412
Massachusetts.....	744	42,705	13,400	Washington.....	1,325	91,664	9,134
Michigan.....	5,144	82,825	11,089	West Virginia.....	3,904	91,966	20,250
Minnesota.....	14,909	219,141	30,906	Wisconsin.....	30,949	510,784	29,412
Mississippi.....	27,701	207,708	29,406	Wyoming.....	212	9,925	2,442
Missouri.....	3,377	78,200	30,383	Hawaii.....	264	72,813	29,406
Montana.....	550	47,250	14,697	Puerto Rico.....	435	49,000	24,500

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924, as amended.

Source: Department of Agriculture, Forest Service.

## No. 903.—FOREST TREE DISTRIBUTION PROGRAM, WITH COSTS: 1930 TO 1957

[In thousands. For years ending June 30, except calendar-year data for trees distributed, 1930 to 1948. See also *Historical Statistics, 1789-1946*, series F 84-87]

YEAR	Trees distributed	COSTS			YEAR	Trees distributed	COSTS		
		Total	Federal contribution <sup>1</sup>	State expenditure			Total	Federal contribution <sup>1</sup>	State expenditure
1930.....	25,836	\$403	\$81	\$322	1948.....	77,324	\$1,178	\$113	\$1,065
1935.....	25,150	206	55	151	1949.....	102,903	1,405	113	1,293
1940.....	87,468	524	140	384	1950.....	135,395	1,503	189	1,314
1941.....	97,650	626	113	413	1951.....	291,875	3,021	377	2,644
1942.....	74,219	527	115	412	1952.....	299,665	3,558	376	3,282
1943.....	45,350	448	115	333	1953.....	434,982	3,988	886	3,602
1944.....	37,980	463	119	344	1954.....	465,639	4,029	883	3,646
1945.....	37,743	572	114	458	1955.....	496,571	3,929	371	3,558
1946.....	43,588	637	113	524	1956.....	560,456	4,770	429	4,341
1947.....	42,347	886	117	769	1957.....	712,272	5,769	820	4,949

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924, as amended.

Source: Department of Agriculture, Forest Service.

## No. 904.—NATIONAL FORESTS—GRAZING, ROADS AND TRAILS, TIMBER CUT, RECEIPTS, PAYMENTS TO STATES, AND ALLOTMENTS TO FOREST SERVICE: 1930 TO 1957

[For years ending June 30, except as noted. See also *Historical Statistics, 1789-1946*, series F 74-83, 88-108]

ITEM	1930	1940	1945	1950	1955	1956	1957
Livestock grazing: <sup>1</sup>							
Cattle, horses and swine <sup>2</sup> .....	1,423	1,314	1,293	1,128	1,148	1,136	1,109
Sheep and goats <sup>2</sup> .....do.....	6,722	4,968	3,896	3,013	2,830	2,739	2,623
Roads and trails:							
Road construction.....miles.....	1,726	1,709	258	<sup>3</sup> 213		478	
Road reconstruction.....do.....		1,945	138	<sup>3</sup> 240	<sup>3</sup> 767	427	483
Trail construction and reconstruction.....do.....	6,176	2,221	77	828	184	177	651
Expenditures (maint. and constr.).....\$1,000.....	10,356	23,511	8,407	<sup>3</sup> 15,036	<sup>3</sup> 20,413	31,204	35,456
Timber cut, total value.....do.....	4,930	5,168	13,291	31,140	71,231	98,107	116,098
Commercial and cost sales:							
Volume.....1,000,000 ft. b. m.....	1,488	1,371	2,732	3,195	6,225	6,813	6,910
Value.....\$1,000.....	4,340	3,825	11,682	29,084	70,105	96,865	115,093
Land exchanges:							
Volume.....1,000,000 ft. b. m.....	165	369	413	307	103	94	68
Value.....\$1,000.....	449	982	1,334	1,630	656	755	474
Free use:							
Volume.....1,000,000 ft. b. m.....	116	326	154	121	106	104	108
Value.....\$1,000.....	<sup>4</sup> 117	<sup>5</sup> 304	<sup>5</sup> 171	<sup>5</sup> 215	<sup>5</sup> 204	219	219
Misc. forest products, value.....do.....	23	57	104	211	266	268	312
Receipts, total <sup>6</sup> .....do.....	6,752	5,859	16,274	34,485	79,521	114,793	111,589
Timber use <sup>6</sup> .....do.....	4,390	3,943	11,813	30,269	75,044	110,127	106,873
Grazing use.....do.....	1,943	1,463	2,159	3,385	2,953	2,906	2,682
Special land use, water power, etc.....do.....	419	453	2,302	831	1,524	1,760	2,034
Payments to States and territories, total <sup>7</sup> .....do.....	1,719	1,456	4,039	8,479	19,573	28,065	27,128
25-percent fund.....do.....	1,678	1,433	4,003	8,363	19,413	27,893	26,842
Ariz. and N. Mex. school fund.....do.....	41	23	36	72	114	129	105
State of Minnesota.....do.....				44	46	46	48
Alaska (Tongass suspense account).....do.....					<sup>8</sup> 597		133
Allotments to Forest Service, total <sup>9</sup> .....do.....	671	678	1,601	3,476	7,776	11,170	10,748
Roads and trails (10 percent).....do.....	671	573	1,601	3,338	7,766	11,160	10,738
Acquisition of lands.....do.....		105		138	10	10	10

<sup>1</sup> Number permitted to graze. Calendar-year data.

<sup>2</sup> Excludes animals under 6 months of age.

<sup>3</sup> Excludes forest highway construction.

<sup>4</sup> Calendar year.

<sup>5</sup> Includes some free use not reducible to hd. ft.

<sup>6</sup> Beginning 1945, includes Oregon and California, and beginning 1950, Tongass (Alaska), national forest lands.

<sup>7</sup> Payments made in following year.

<sup>8</sup> Total for 1948 through 1956.

<sup>9</sup> For use in following year.

Source: Department of Agriculture, Forest Service.

# NO. 905.—PAYMENTS TO STATES, ALASKA, AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1950 TO 1958

In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts collected during the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests under Act of May 23, 1908, exclusive of (a) payments to Arizona and New Mexico on account school-section lands administered by Forest Service, (b) payments for acquisition of land, and (c) payments to State of Minnesota on account of which the State is paid  $\frac{3}{4}$  percent of the appraised valuation in lieu of 25 percent of the receipts from an area of the Superior National Forest]

STATE OR OTHER AREA	1950	1955	1957	1958	STATE OR OTHER AREA	1950	1955	1957	1958
<b>Total</b> .....	7,719	16,394	28,490	26,975	Nevada.....	35	39	53	59
Alabama.....	90	152	291	315	New Hampshire.....	23	24	23	41
Arizona.....	244	415	519	424	New Mexico.....	124	194	328	240
Arkansas.....	375	608	840	718	North Carolina.....	85	129	186	202
California.....	1,133	2,537	5,294	3,993	North Dakota.....	(2)	(2)	(2)	(2)
Colorado.....	218	283	317	261	Ohio.....	3	6	6	9
Florida.....	66	134	203	200	Oklahoma.....	40	60	86	67
Georgia.....	81	124	174	177	Oregon.....	2,045	4,988	9,423	9,451
Idaho.....	418	975	1,636	1,609	Pennsylvania.....	14	46	74	72
Illinois.....	17	17	24	19	South Carolina.....	100	205	291	353
Indiana.....	2	3	5	4	South Dakota.....	57	66	82	51
Iowa.....	(2)	1	(2)	(2)	Tennessee.....	40	95	86	114
Kentucky.....	25	42	64	60	Texas.....	263	403	532	533
Louisiana.....	101	154	234	189	Utah.....	112	151	182	170
Maine.....	6	2	2	3	Vermont.....	26	42	49	51
Michigan.....	65	184	196	196	Virginia.....	38	62	110	88
Minnesota.....	68	141	125	131	Washington.....	1,108	2,836	4,314	4,828
Mississippi.....	197	380	591	706	West Virginia.....	29	48	69	64
Missouri.....	25	41	65	46	Wisconsin.....	66	130	103	102
Montana.....	251	505	1,112	1,119	Wyoming.....	109	151	184	157
Nebraska.....	12	11	11	10	Alaska.....	5	7	1,605	1,141
					Puerto Rico.....	3	3	1	2

<sup>1</sup> Data include, for 1957, \$597,133 representing 25 percent of Tongass (Alaska) suspense account receipts for years 1948-1956; for 1958, \$132,982.

<sup>2</sup> Less than \$500.

Source: Department of Agriculture, Forest Service; annual report, *Agricultural Statistics*.

# NO. 906.—TURPENTINE, ROSIN, AND NAVAL STORES—PRODUCTION: 1930 TO 1958

[In barrels of 50 gallons, except rosin in drums of 520 pounds net. For crop years ending March 31]

PRODUCT	1930	1940	1950	1955	1956	1957	1958
<b>TURPENTINE</b>							
<b>Total</b> .....	724,683	604,778	673,290	617,800	655,540	644,930	627,660
Gum.....	626,417	382,781	323,010	175,940	149,000	143,830	129,080
Wood.....	98,266	221,997	350,280	441,860	506,540	501,100	498,580
Steam distilled.....	85,736	158,575	199,630	207,700	201,270	194,750	185,980
Destructively distilled.....	9,624	6,791	3,150	2,410	2,300	1,040	1,840
Sulphate.....	2,906	50,631	147,500	231,750	302,970	305,310	311,760
<b>ROSIN</b>							
<b>Total</b> .....	2,069,830	1,813,710	2,023,510	1,870,070	<sup>2</sup> 1,822,410	<sup>2</sup> 1,768,810	<sup>2</sup> 1,595,900
Gum.....	1,696,400	1,054,236	924,900	527,700	452,970	444,590	399,910
Wood, steam distilled <sup>3</sup> .....	373,430	759,474	1,098,610	1,342,370	1,369,440	1,324,220	1,195,990
<b>MISCELLANEOUS NAVAL STORES</b>							
Dipentene.....	(4)	(4)	29,710	32,010	36,340	30,890	24,950
Pine oil.....	(4)	(4)	141,260	189,310	187,010	189,370	185,420
Other monocyclic hydrocarbons.....	(4)	(4)	44,030	76,210	92,660	101,060	95,910
Rosin oil.....	(4)	(4)	21,500	20,000	25,710	24,020	40,750

<sup>1</sup> Reports on destructively distilled products discontinued beginning January 1958.

<sup>2</sup> Excludes tall oil.

<sup>3</sup> Beginning 1950, total primary production of FF wood rosin.

<sup>4</sup> Not reported.

Source: Department of Agriculture, Agricultural Marketing Service; *Annual Naval Stores Report*, and records.

## No. 907.—LUMBER PRODUCTION, BY KIND OF WOOD: 1899 TO 1956

[Data not strictly comparable because of incomplete coverage of numerous small mills in the East prior to 1942 and exclusion of mills cutting less than 50 M ft. b. m. for all years prior to 1942 except 1899 and 1919. Exclusion of under 50 M class of mills would affect totals less than 1 percent as reflected by 1942 survey. Data for 1945, 1950, 1953, 1955, and 1956 are based on sample surveys; see source for sampling reliability. See also *Historical Statistics, 1789-1946*, series F 109-111 and F 120-122, for similar but not identical figures from Department of Agriculture Forest Service]

KIND OF WOOD	1899	1919	1929	1939	1945	1950	1953	1954	1955	1956
<b>Total</b> .....	35,078	34,552	36,886	25,148	28,122	38,007	36,742	36,356	37,380	37,698
<b>Softwood</b> .....	26,146	27,407	29,813	21,408	21,140	30,633	29,562	29,282	29,815	29,890
Cedar.....	233	332	309	264	303	<sup>2</sup> 313	<sup>2</sup> 410	382	(3)	(3)
Cypress.....	496	656	532	422	228	(4)	(4)	240	(4)	(4)
Douglas fir.....	1,737	5,902	8,689	6,494	6,237	9,984	10,367	10,328	10,414	10,195
Hemlock.....	3,421	1,755	2,099	676	1,039	1,508	1,441	1,337	1,568	1,322
Larch.....	51	388	245	111	191	246	403	321	346	393
Ponderosa pine.....	945	1,755	3,288	3,360	3,056	3,865	3,783	3,756	3,663	3,568
Redwood.....	360	410	486	345	444	875	969	958	991	1,125
Southern yellow pine.....	9,659	13,063	11,630	7,749	7,210	9,939	7,581	7,332	7,360	7,399
Spruce.....	1,442	980	564	347	358	(4)	<sup>3</sup> 506	707	(3)	(3)
Sugar pine.....	54	134	349	309	228	425	433	331	390	449
White fir.....	(5)	223	307	98	499	1,114	1,577	1,804	2,059	1,954
White pine.....	7,742	1,724	1,248	1,158	1,260	1,292	1,354	1,335	1,105	1,110
Other softwoods.....	6	85	67	75	78	1,072	738	451	777	961
<b>Hardwood</b> .....	8,634	7,145	7,073	3,740	6,982	7,374	7,180	7,074	7,565	7,808
Ash.....	209	155	152	90	84	81	112	107	125	139
Basswood.....	308	184	133	96	100	(7)	(7)	112	119	123
Beech.....	(5)	359	187	120	352	325	236	220	220	252
Birch.....	133	375	374	141	152	137	132	150	144	170
Cottonwood.....	415	144	165	130	209	225	406	280	327	220
Elm.....	457	194	176	74	159	(7)	210	178	198	196
Hickory.....	97	170	57	38	159	128	(7)	111	(7)	(7)
Maple.....	633	857	824	445	522	546	551	575	568	593
Oak.....	4,438	2,708	2,374	1,432	2,859	3,347	3,339	3,451	3,710	3,837
Sweet (red and sap) gum.....	285	851	1,104	383	971	758	530	522	529	484
Tupelo and black gum.....	(5)	144	307	271	439	342	331	355	364	345
Yellow poplar.....	1,115	329	436	270	578	833	709	592	600	743
Other hardwoods.....	484	675	584	244	398	652	624	421	559	706

<sup>1</sup> Includes 298,000,000 board feet of lumber not reported by kind of wood.

<sup>2</sup> Incense, Port Orford, and western red cedar only; eastern red cedar included in "Other softwoods."

<sup>3</sup> Suppressed; standard error more than 15 percent.

<sup>4</sup> Included in "Other softwoods."

<sup>5</sup> Englemann, Sitka, and blue spruce only; eastern spruce included in "Other softwoods."

<sup>6</sup> Not available.

<sup>7</sup> Included in "Other hardwoods."

Source: Department of Commerce, Bureau of the Census (in cooperation with Business and Defense Services Administration); reports of Census of Manufactures and annual report, *Lumber Production, Facts for Industry*, Series M18G.

## No. 908.—LUMBER PRODUCTION, BY GEOGRAPHIC DIVISIONS: 1954 AND 1955

[In millions of board feet. Data shown for all divisions except the Mountain and Pacific are based in part on a sample of sawmills and are estimates which may vary from the figures which would be obtained from a complete census. See figure I, p. XII, for States comprising geographic divisions]

GEOGRAPHIC DIVISION	1954		1955		Standard error <sup>1</sup> (percent)
	Production	Percent	Production	Percent	
United States total.....	36,356	100.0	37,380	100.0	-----
New England.....	991	2.7	1,035	2.8	10
Middle Atlantic.....	881	2.4	794	2.1	15
East North Central.....	1,162	3.2	1,127	3.0	5
West North Central.....	526	1.4	452	1.2	15
South Atlantic.....	6,554	18.0	6,704	17.9	5
East South Central.....	3,442	9.5	3,596	9.6	5
West South Central.....	2,820	7.8	2,969	7.9	5
Mountain.....	2,988	8.2	3,085	8.3	-----
Pacific.....	16,992	46.7	17,618	47.1	-----

<sup>1</sup> See Technical Note, p. 773, for explanation of standard error.

Source: Department of Commerce, Bureau of the Census (in cooperation with Business and Defense Services Administration); reports of Census of Manufactures and annual report, *Lumber Production, Facts for Industry*, Series M13G.

## No. 909.—LUMBER PRODUCTION, CONSUMPTION, STOCKS, EXPORTS, AND IMPORTS: 1950 TO 1957

[In millions of board feet]

ITEM	1950	1953	1954	1955 (prel.)	1956 (prel.)	1957 (prel.)
Production.....	38,902	36,742	36,356	38,549	37,528	33,391
Softwoods.....	31,528	29,562	29,282	31,479	30,484	27,494
Hardwoods.....	7,374	7,180	7,074	7,070	7,044	5,897
Consumption <sup>1</sup> .....	42,139	38,699	39,184	42,578	40,178	36,737
Softwoods.....	34,664	31,305	32,608	34,635	33,178	30,539
Hardwoods.....	7,475	7,394	6,576	7,943	7,000	6,198
Gross mill stocks, end of year.....	6,383	9,032	9,224	8,688	9,777	9,537
Softwoods.....	4,407	5,777	5,296	5,387	6,117	5,916
Hardwoods.....	1,976	3,255	3,928	3,301	3,660	3,621
Ratio of total mill stocks to total consumption, percent.....	15	23	24	20	24	26
Softwoods.....	13	18	16	16	18	19
Hardwoods.....	26	44	60	42	52	58
Exports, total <sup>2</sup> .....	518	644	723	844	762	812
Softwoods.....	386	472	555	621	545	616
Hardwoods.....	71	97	97	140	140	127
Imports, total <sup>2</sup> .....	3,432	2,770	3,066	3,597	3,441	2,953
Softwoods.....	3,140	2,527	2,855	3,326	3,165	2,704
Hardwoods.....	283	233	209	266	274	246

<sup>1</sup> Includes exports, imports, and changes in distributors' stocks.

<sup>2</sup> Includes box shooks and railroad ties (sawed) not shown separately.

Source: National Lumber Manufacturers Association, Washington, D. C.; Quarterly Report of Lumber Survey Committee to the Secretary of Commerce, *National Survey of Lumber Demand and Supply*, and records.

## No. 910.—PRODUCTION OF MILLWORK PRODUCTS AND PAINTS: 1950 TO 1957

ITEM	1950	1954	1955	1956	1957 (prel.)
Hardwood flooring.....1,000 bd. ft..	1,077,325	1,145,118	1,268,104	1,166,446	953,706
Douglas fir plywood.....1,000,000 sq. ft., %" basis..	2,676	3,871	5,082	5,244	5,627
Insulating boards.....tons.....	925,744	1,007,653	1,092,890	1,102,012	974,035
Hardboard.....do.....	343,552	464,868	529,558	539,981	608,992
Ponderosa pine doors <sup>1</sup> .....1,000 units.....	3,330	2,285	2,253	2,035	2,014
Hardwood doors <sup>1</sup> .....do.....	1,221	5,940	6,786	6,404	5,486
Open sash <sup>1</sup> .....do.....	9,414	11,054	12,733	10,651	9,369
Exterior frames <sup>1</sup> .....do.....	4,644	5,791	7,259	5,679	5,279
Paint, varnish, and lacquer <sup>2</sup> .....1,000 gal..	(3)	284,458	312,510	312,543	313,128

<sup>1</sup> Covers only reports from members of National Woodwork Manufacturers' Association, not adjusted to represent full coverage. <sup>2</sup> Production for trade sales. <sup>3</sup> Not available.

Source: Data compiled by Department of Commerce, Business and Defense Services Administration, from reports by various trade associations and Bureau of the Census; published in *Construction Review*, a joint publication of the Departments of Commerce and Labor.

## No. 911.—PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD: 1899 TO 1957

[Cords of 128 cu. ft.; tons of 2,000 lbs. See also *Historical Statistics, 1789-1945*, series F 132-134]

YEAR	Pulpwood consumption	Wood-pulp production <sup>1</sup>	Paper and paperboard production <sup>2</sup>	YEAR	Pulpwood consumption	Wood-pulp production <sup>1</sup>	Paper and paperboard production <sup>2</sup>
	<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>		<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>
1899-----	1,986,310	1,179,525	2,167,503	1947-----	19,714,229	11,945,864	21,114,000
1904-----	3,050,717	1,921,768	3,106,696	1948-----	21,189,458	12,872,292	21,897,801
1909-----	4,001,607	2,495,523	4,216,708	1949-----	19,945,440	12,207,279	20,315,436
1914-----	4,470,763	2,883,150	5,270,047	1950-----	23,627,217	14,848,951	24,375,468
1919-----	5,477,832	3,517,952	6,098,530	1951-----	26,521,795	16,524,408	26,046,697
1925-----	6,093,821	3,962,217	9,182,204	1952-----	26,460,730	16,472,979	24,418,383
1930-----	7,195,524	4,630,308	10,169,140	1953-----	28,140,922	17,537,297	26,540,483
1935-----	7,628,274	4,925,669	10,479,095	1954-----	29,679,363	18,256,139	26,876,242
1940-----	13,742,958	8,959,559	14,483,709	1955-----	33,356,476	20,739,696	30,153,596
1945-----	16,911,861	10,167,200	17,370,965	1956-----	35,748,582	22,130,949	31,428,155
1946-----	17,817,560	10,606,527	19,277,667	1957 (prel.)-----	35,661,927	21,807,693	30,700,008

<sup>1</sup> Beginning 1940, data on a new basis, i. e., figures include data for 6 mills not classified as pulp producers before 1940. For same reason, an additional mill was included in 1941 and 2 more added in 1943. 1940 figure on old basis, 8,851,740 tons.

<sup>2</sup> Beginning 1941, data on a new basis, i. e., figures include data for 25 mills not previously classified as producers of paper and paperboard. 1941 figure on old basis, 17,093,092 tons.

Source: Department of Commerce, Bureau of the Census. Published currently in *Facts for Industry*, Series M26A.

## No. 912.—PULPWOOD CONSUMPTION AND VENEER AND PLYWOOD LOG CONSUMPTION AND PRODUCTION, BY KIND OF WOOD: 1945 TO 1957

YEAR	PULPWOOD CONSUMPTION			VENEER AND PLYWOOD				
	Total	Softwood	Hardwood	Log consumption		Production		
				Softwood <sup>1</sup>	Hardwood <sup>2</sup>	Softwood plywood <sup>1</sup>	Hardwood <sup>3</sup>	
							Veneer	Plywood
	<i>Cords<sup>4</sup></i>	<i>Cords<sup>4</sup></i>	<i>Cords<sup>4</sup></i>	<i>1,000 ft., log scale</i>	<i>1,000 ft., log scale</i>	<i>1,000 sq. ft., 3/8 in. equiv.</i>	<i>1,000 sq. ft., surface meas.</i>	<i>1,000 sq. ft., surface meas.</i>
1945-----	16,911,861	14,519,870	2,391,991	545,762	-----	1,222,382	-----	-----
1946-----	17,817,560	15,384,176	2,433,384	641,738	-----	1,436,065	-----	-----
1947-----	19,714,229	17,021,974	2,692,255	750,633	-----	1,700,446	-----	-----
1948-----	21,189,458	18,490,916	2,698,542	857,722	-----	1,953,883	-----	-----
1949-----	19,945,440	17,330,495	2,614,945	906,709	-----	1,976,649	-----	-----
1950-----	23,627,217	20,405,910	3,221,307	1,157,202	-----	2,675,580	-----	-----
1951-----	26,521,795	22,768,368	3,753,427	1,231,643	1,039,075	2,994,773	11,061,946	* 1,467,243
1952-----	26,460,730	22,660,771	3,799,959	1,307,550	988,913	3,178,344	10,345,682	* 1,423,521
1953-----	28,140,922	23,762,997	4,377,925	1,861,435	953,504	3,848,062	10,108,608	1,304,799
1954-----	29,679,363	24,891,124	4,788,239	( <sup>5</sup> )	( <sup>5</sup> )	3,989,327	( <sup>5</sup> )	( <sup>5</sup> )
1955-----	33,356,476	27,728,005	5,628,471	2,430,978	1,001,679	5,283,958	10,603,028	1,643,900
1956-----	35,748,582	29,691,138	6,057,444	2,492,712	( <sup>5</sup> )	5,421,170	( <sup>5</sup> )	( <sup>5</sup> )
1957 <sup>6</sup> -----	35,661,927	29,374,870	6,287,057	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> West coast softwood plywood industry, principally Douglas fir; includes some hardwood.

<sup>2</sup> Veneer and plywood industry other than west coast companies; includes some softwood.

<sup>3</sup> Cords of 128 cu. ft. (rough wood basis).

<sup>4</sup> Excludes hardwood plywood produced in west coast softwood plywood mills amounting to 76,871,000 square feet, 3/8" basis, in 1952.

<sup>5</sup> Not available.

<sup>6</sup> Preliminary.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*.

## No. 913.—PAPER AND BOARD—PRODUCTION, BY TYPE: 1950 TO 1957

[In tons of 2,000 pounds]

TYPE OF PAPER AND BOARD	1950	1953	1954	1955	1956	1957 (prel.)
<b>All types.....</b>	<b>24,375,468</b>	<b>26,540,483</b>	<b>26,876,242</b>	<b>30,153,596</b>	<b>31,428,155</b>	<b>30,700,008</b>
<b>Paper.....</b>	<b>10,638,692</b>	<b>11,398,724</b>	<b>11,648,672</b>	<b>12,897,055</b>	<b>13,976,381</b>	<b>13,594,968</b>
Newsprint.....	1,013,346	1,068,661	1,202,413	1,459,017	1,620,146	1,804,025
Groundwood paper, uncoated, total.....	705,329	771,228	788,218	886,063	972,027	856,600
Paper—machine-coated, printing and converting paper.....	1,020,002	1,182,150	1,221,700	1,312,179	1,512,367	1,559,111
Book paper, uncoated.....	1,579,755	1,622,960	1,577,442	1,738,986	1,819,334	1,611,809
Fine paper.....	1,197,309	1,208,676	1,284,526	1,449,554	1,569,564	1,544,774
Coarse paper.....	3,297,392	3,302,000	3,461,611	3,680,368	3,946,578	3,667,832
Special industrial, incl. absorbent.....	460,343	554,396	500,525	609,852	682,504	634,027
Sanitary tissue.....	1,148,351	1,277,694	1,385,895	1,520,976	1,615,022	1,662,384
Tissue paper, except sanitary and thin.....	216,865	230,959	226,342	240,060	238,839	254,406
<b>Paperboard.....</b>	<b>10,925,721</b>	<b>12,294,284</b>	<b>12,190,790</b>	<b>13,868,882</b>	<b>14,234,171</b>	<b>14,080,721</b>
Liners.....	3,872,051	4,412,745	4,394,389	5,110,652	5,230,626	5,228,632
Corrugating material.....	1,633,675	1,906,116	1,872,325	2,191,213	2,281,789	2,243,940
Container chip and filler board.....	324,651	298,028	221,270	249,653	250,547	233,167
Folding boxboard.....	2,350,101	2,429,143	2,440,267	2,592,015	2,607,170	2,629,854
Special food board.....	656,017	967,899	1,000,610	1,156,108	1,291,663	1,241,273
Other bending board.....	128,685	169,641	139,000	183,221	209,281	320,890
Set-up boxboard.....	712,710	763,341	718,174	796,679	793,974	731,885
Other nonbending board.....	163,566	186,952	204,395	256,739	258,010	276,926
Special paperboard stock.....	997,617	1,085,204	1,061,600	1,223,401	1,211,239	1,076,603
Cardboard.....	86,748	75,215	86,908	86,091	85,411	97,551
Other paperboard.....			61,882	23,110	14,452	
<b>Wet machine board.....</b>	<b>164,611</b>	<b>156,496</b>	<b>135,910</b>	<b>179,113</b>	<b>146,589</b>	<b>154,831</b>
Shoe board.....	49,128	50,640	52,418	54,769	57,766	55,768
Binder's board.....	41,683	42,685	40,408	46,754	50,170	48,681
Other.....	73,900	63,171	43,084	77,590	38,653	50,382
<b>Construction paper and board.....</b>	<b>2,646,444</b>	<b>2,690,979</b>	<b>2,900,870</b>	<b>3,208,546</b>	<b>3,071,014</b>	<b>2,869,488</b>
Construction paper.....	1,425,250	1,316,672	1,428,349	1,586,098	1,429,021	1,285,561
Insulating board.....	838,367	950,889	1,007,653	1,062,890	1,102,012	974,935
Wood fibre hardboard.....	382,827	423,418	464,868	529,558	539,981	608,992

Source: Department of Commerce, Bureau of the Census; annual report, *Pulp, Paper, and Board*, Facts for Industry, Series M26A.

## No. 914.—NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS, AND PRICE: 1935 TO 1957

[Monthly averages; in tons of 2,000 pounds, except as indicated]

COUNTRY AND ITEM	1935	1940	1945	1950	1954	1955	1956	1957
<b>CANADA, INCLUDING NEWFOUNDLAND</b>								
Production.....	256,916	314,162	299,325	439,882	498,684	515,887	539,068	533,042
Shipments from mills.....	254,145	316,985	296,076	442,559	497,538	519,630	537,402	530,343
Stocks at mills, end of month.....	245,293	261,342	139,763	146,397	159,326	137,652	124,827	181,082
<b>UNITED STATES</b>								
Consumption by publishers.....	221,924	237,996	204,593	378,480	390,308	420,416	434,063	429,092
Production.....	76,033	84,453	60,371	84,559	100,930	129,358	143,104	152,158
Shipments from mills.....	76,436	84,411	60,455	84,773	101,082	129,182	142,948	151,396
Stocks, end of month:								
At mills.....	17,735	16,869	7,135	8,543	8,501	8,408	8,090	13,353
At publishers.....	224,635	297,813	252,956	333,778	470,195	369,942	432,565	617,598
In transit to publishers.....	36,049	43,191	47,451	89,823	79,068	88,709	107,941	100,943
Imports <sup>1</sup> .....	198,610	230,212	222,400	405,338	416,220	430,330	464,137	435,282
Wholesale price, standard newsprint, rolls, contract, delivered to principal ports <sup>2</sup> dollars per ton.....	40.00	50.00	60.25	101.63	125.75	125.94	130.10	139.74

<sup>1</sup> Source: Bureau of the Census.<sup>2</sup> Source: Bureau of Labor Statistics. Prior to 1950, represents New York price for rolls.

Source: Data compiled by Department of Commerce, Office of Business Economics, from reports of various trade associations; published in *Business Statistics Supplement to the Survey of Current Business*, and records (except as noted).

## No. 915.—WOOD PULP—PRODUCTION, BY PROCESS AND BY STATES: 1939 TO 1957

[In tons of 2,000 pounds]

PROCESS AND STATE	1939	1947	1950	1954	1955	1956	1957 (prel.)
<b>Total</b> .....	<b>6,993,334</b>	<b>11,945,864</b>	<b>14,848,951</b>	<b>18,256,139</b>	<b>20,739,695</b>	<b>22,130,949</b>	<b>21,807,693</b>
<b>PROCESS</b>							
Special alpha and dissolving grades.....			478,849	760,114	983,444	940,945	1,008,090
Bleached sulfite.....	1,946,452	2,795,962	1,628,092	1,795,024	1,909,006	2,002,065	1,981,274
Unbleached sulfite.....			740,895	587,675	646,423	684,339	617,654
Bleached sulfate.....			908,911	1,432,945	2,683,021	3,202,071	3,558,935
Semibleached sulfate.....	2,962,657		193,156	359,917	422,629	488,478	560,983
Unbleached sulfate.....			4,254,643	5,708,567	7,604,644	7,983,308	7,670,388
Soda.....	441,565	491,580	522,221	429,596	440,454	478,624	428,120
Groundwood.....	1,444,875	2,040,814	2,215,883	2,484,963	2,728,870	3,041,012	2,997,346
Semichemical.....			444,033	685,906	1,407,654	1,546,714	1,570,842
Defibrated or exploded.....	197,785		693,282	934,666	1,190,081	1,171,201	1,132,634
Screenings, damaged, etc.....			114,483	101,204	144,420	135,238	120,378
<b>STATE</b>							
California.....		19,125	120,430	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	
Florida.....	449,162	783,258	1,207,538	1,747,224	2,030,754	2,138,995	
Georgia.....	( <sup>1</sup> )	( <sup>1</sup> )	1,091,708	1,573,458	2,027,599	2,187,992	
Illinois.....		( <sup>1</sup> )	78,928	77,939	( <sup>1</sup> )	( <sup>1</sup> )	
Louisiana.....	589,072	1,128,727	1,381,458	1,456,837	1,598,349	1,649,101	
Maine.....	941,273	1,237,075	1,182,759	1,204,450	1,483,783	1,639,860	
Michigan.....	200,325	232,678	239,762	266,511	289,850	306,335	
Minnesota.....	160,665	302,254	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	
Mississippi.....	( <sup>1</sup> )	476,264	778,977	1,012,603	1,053,226	1,071,354	
New Jersey.....		68,620	79,155	84,135	94,904	82,360	
New Hampshire.....	( <sup>1</sup> )	174,137	( <sup>1</sup> )	( <sup>1</sup> )	256,217	262,127	( <sup>3</sup> )
New York.....	460,652	645,955	578,997	540,774	566,374	599,823	
North Carolina.....	179,636	474,020	( <sup>1</sup> )	859,692	924,910	1,050,164	
Ohio.....	( <sup>1</sup> )	( <sup>1</sup> )	63,061	82,168	( <sup>1</sup> )	( <sup>1</sup> )	
Pennsylvania.....	193,958	288,757	308,359	325,720	359,055	400,408	
Oregon.....	288,047	436,078	526,874	681,588	834,189	930,018	
Texas.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	484,677	541,886	
Virginia.....	402,929	630,384	751,327	845,152	997,698	1,006,468	
Washington.....	1,126,114	1,591,229	1,870,062	2,382,945	2,710,906	2,828,515	
Wisconsin.....	655,816	922,732	975,634	1,075,224	1,167,596	1,238,767	
Other States.....	1,345,085	2,444,571	3,613,922	3,949,719	3,859,600	4,146,776	

<sup>1</sup> Included in "Other States" to avoid disclosing data for individual establishments.<sup>2</sup> Not available.Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures; annual report, *Pulp, Paper, and Board*, Facts for Industry, Series M26A.

## No. 916.—WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1930 TO 1957

[In thousands of cubic feet. See also *Historical Statistics, 1789-1946*, series F 123-131]

PRODUCT	1930	1935	1940	1945	1950 <sup>1</sup>	1954	1955	1956	1957 (prel.)
<b>Total</b> .....	<b>332,319</b>	<b>179,439</b>	<b>265,473</b>	<b>279,450</b>	<b>269,985</b>	<b>250,663</b>	<b>248,445</b>	<b>257,851</b>	<b>259,549</b>
Crossties.....	189,801	103,509	128,000	140,205	118,491	105,529	85,919	83,226	98,112
Poles <sup>2</sup> .....	75,258	35,793	74,129	74,391	77,622	63,873	74,766	85,805	78,624
Lumber.....	6,354	4,142	19,511	14,695	27,044	37,006	39,433	41,031	37,402
Piling.....	17,027	8,576	16,660	20,525	12,523	12,818	13,935	16,845	15,746
Switch ties.....	14,623	7,837	8,859	9,899	8,974	7,422	7,257	8,068	7,957
Fence posts.....	1,487	797	1,494	2,990	12,269	15,232	16,227	12,770	12,700
Construction timbers.....	19,013	15,683	12,496	9,803	5,777	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wood blocks.....	5,013	1,484	2,730	3,294	1,826	2,768	2,817	1,807	1,599
Cross arms.....	1,299	351	675	1,469	2,493	3,743	4,330	4,086	4,209
All other.....	2,444	1,268	1,919	2,179	2,966	2,771	3,761	3,013	3,194

<sup>1</sup> Prior to 1950 cubic volume for crossties, poles, piling, fence posts, wood blocks, and cross arms was based on number of units reported and an estimated average cubic volume per unit. For 1950 and subsequent years, cubic volume is based on volume reported by treating plants, and data are therefore not completely comparable with earlier years.<sup>2</sup> Full-length and butt-treated poles.<sup>3</sup> Included in "Lumber."Source: Department of Agriculture, Forest Service (in cooperation with American Wood-Preservers' Association); annual report, *Wood Preservation Statistics*.



## Section 27

### Fisheries

This section presents statistics relating to quantity, value, species, and disposition of fish caught for commercial purposes, and of fishery products. The principal sources of these data are the annual report *Fishery Statistics of the United States*, and the monthly and annual *Current Fishery Statistics* bulletins, both published by the Fish and Wildlife Service of the Department of the Interior.

The Fish and Wildlife Service conducts annual surveys for various statistical information on the fishery industries. Results from the surveys include data on the volume of the catch of individual species of fish and shellfish and their value, employment in the fisheries, quantity of gear operated, the number of fishing and transporting craft employed in the capture and transporting of fishery products, employment in wholesale and manufacturing establishments, and volume and value of the production of manufactured fishery products. In addition to the basic statistics on employment, yield, and production, the reports include data on imports and exports of fishery commodities; freezings and cold-storage holdings of fishery products; monthly production of fish meal and oil; quarterly production of fish sticks; and monthly landings in most coastal States, and in Ohio. Information is also collected covering shad fisheries of the Hudson and Potomac Rivers; alewife fisheries of the Potomac; seed oyster fisheries; and Pacific Coast halibut fisheries.

The first comprehensive statistical survey of the fisheries and fishery industries of the United States was made for the year 1880, although it did not include data for the Mississippi River and its tributaries. A complete survey of the entire United States was conducted in 1908 and again in 1931. Various sections of the country have been surveyed from time to time. A complete survey of all sections, including the manufacturing and wholesaling operations, was made for 1950, and complete data have been collected annually beginning with 1954.

**Historical statistics.**—Tabular headnotes (as “See also *Historical Statistics, 1789–1945*, series F 155”) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*, and its *Continuation to 1952*. See preface.

Note.—This section presents data for the most recent year or period available on May 23, 1958, when the material was organized and sent to the printer.

#### NO. 917.—FISHERIES—SUMMARY OF TOTAL CATCH AND VALUE: 1930 TO 1957

[Includes Alaska. Data for 1944 and 1946–1949 partly estimated. See also *Historical Statistics, 1789–1945*, series F 155]

YEAR	Quantity (1,000 lbs.)	Value to fishermen (\$1,000)	Average price per pound (cents)	YEAR	Quantity (1,000 lbs.)	Value to fishermen (\$1,000)	Average price per pound (cents)
1930.....	3, 224, 318	109, 349	3. 39	1950.....	4, 884, 909	343, 876	7. 04
1940.....	4, 059, 141	98, 957	2. 44	1951.....	4, 414, 045	360, 826	8. 17
1944.....	4, 532, 744	213, 000	4. 70	1952.....	4, 418, 442	360, 135	8. 15
1945.....	4, 598, 127	269, 900	5. 87	1953.....	4, 467, 960	352, 275	7. 88
1946.....	4, 598, 127	310, 000	6. 96	1954.....	4, 741, 843	355, 639	7. 50
1947.....	4, 456, 171	307, 600	7. 09	1955.....	4, 794, 281	335, 778	7. 00
1948.....	4, 336, 647	367, 000	8. 16	1956.....	5, 252, 003	369, 018	7. 03
1949.....	4, 498, 715	339, 000	7. 08	1957 (prel.).....	4, 750, 000	351, 000	7. 39

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

**No. 918.—FISHERIES—EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS: 1940, 1950, AND 1957**

ITEM	1940	1950	1957	ITEM	1940	1950	1957
<b>Persons employed</b> .....	428,965	568,394	555,300	<b>Craft utilized—Con.</b>			
Direct employment:				Transporting craft:			
Fishermen.....	124,705	161,463	142,000	Vessels, 5 net tons and over.....	1,325	1,313	1,150
Transporters.....	3,955	4,916	3,300	Motor boats.....	726	827	900
Shore workers.....	90,215	102,015	100,000				
Indirect employment, allied industries <sup>1</sup> .....	210,000	300,000	310,000	<b>Fishery shore establishments</b> .....			
<b>Craft utilized</b> .....	73,861	94,450	84,050	Alaska.....	3,055	3,883	4,225
Fishing craft:				Pacific Coast States.....	228	216	100
Vessels, 5 net tons and over.....	5,562	11,496	12,000	Atlantic Coast and Gulf States.....	351	484	410
Motor boats.....	31,055	46,067	58,000	Great Lakes and Mississippi States.....	2,038	2,690	2,675
Other boats.....	35,193	34,747	12,000		438	484	680

<sup>1</sup> Gear manufacture, boat building, processing equipment, etc.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fisheries of the United States and Alaska*.

**No. 919.—FISHERIES—FISHERMEN, FISHING CRAFT, AND CATCH, BY AREAS: 1956**

[See also *Historical Statistics, 1789-1945*, series F 166-192, for data on quantity of catch]

AREA	Fisher- men	Fish- ing vessels	Fish- ing boats <sup>1</sup>	CATCH			VALUE OF CATCH		
				Total	Fish	Shell- fish	Total	Fish	Shell- fish
				<i>Mil.</i> <i>pounds</i>	<i>Mil.</i> <i>pounds</i>	<i>Mil.</i> <i>pounds</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
<b>Total</b> .....	113,972	11,975	70,186	5,252	4,661	588	369,018	216,737	152,281
New England States.....	21,376	832	12,808	1,015	957	59	59,273	33,551	25,722
Middle Atlantic States.....	9,623	653	4,175	1,054	1,014	41	30,823	17,898	12,925
Chesapeake Bay States.....	19,878	829	11,962	376	282	94	32,772	8,471	24,301
South Atlantic and Gulf States.....	40,447	4,261	16,692	1,344	1,060	284	105,298	27,149	78,149
Pacific Coast States.....	21,004	2,912	5,978	862	790	73	84,810	76,143	8,667
Great Lakes States.....	3,686	557	1,315	81	81	( <sup>2</sup> )	10,164	10,164	( <sup>2</sup> )
Mississippi River States.....	14,500	-----	13,103	91	68	23	8,139	7,289	850
Alaska.....	13,458	1,931	4,153	428	413	15	37,739	36,072	1,667

<sup>1</sup> Refers to craft having capacity of less than 5 net tons.

<sup>2</sup> Less than 500,000.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

**No. 920.—FISHERIES—CATCH OF PRINCIPAL SPECIES: 1931 TO 1957**

[In thousands of pounds. Includes Alaska. See also *Historical Statistics, 1789-1945*, series F 160]

GROUP AND SPECIES	1931	1939	1945	1950	1954	1955	1956	1957
<b>FISH</b>								
Cod.....	112,303	124,347	153,027	65,436	53,476	48,672	44,952	44,822
Haddock.....	195,419	178,524	154,988	158,559	154,634	135,035	152,246	133,600
Herring, sea.....	169,574	262,810	236,919	363,765	166,701	172,812	257,631	271,900
Mackerel.....	61,645	112,503	112,390	54,744	29,410	27,181	54,047	141,500
Menhaden.....	230,398	575,480	778,464	1,026,318	1,737,767	1,867,783	2,097,239	1,684,300
Pilchard or sardine.....	300,204	1,240,975	849,971	714,522	136,504	145,608	69,554	40,600
Salmon.....	601,095	526,978	498,892	328,645	324,715	289,880	324,249	257,200
Tuna and tuna-like.....	60,059	182,165	185,925	392,273	325,309	270,652	320,680	297,100
Ocean perch.....	237	78,206	131,834	207,793	181,452	156,989	151,113	133,300
<b>SHELLFISH</b>								
Crabs.....	83,701	109,414	121,050	159,278	140,647	135,733	143,390	( <sup>2</sup> )
Shrimp.....	99,432	150,250	191,345	191,474	268,334	244,335	224,173	204,400
Oysters.....	101,036	93,006	75,655	76,415	81,922	77,515	75,134	( <sup>2</sup> )

<sup>1</sup> Excludes Pacific Ocean perch.

<sup>2</sup> Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 921.—FISHERIES—CATCH OF PRINCIPAL SPECIES, BY AREAS, AND QUANTITY  
AND VALUE OF CATCH, BY STATES: 1930 to 1956

[Catch in thousands of pounds; value in thousands of dollars. Values represent the value of fish to fishermen.  
See also *Historical Statistics, 1789-1945*, series F 166-192]

STATE, CATCH, AND VALUE	1930	1940	1945	1950	1953	1954	1955	1956
New England States:								
Catch.....	701,351	626,054	845,471	1,006,590	864,005	966,441	955,418	1,015,246
Value.....	27,494	20,494	56,589	60,577	60,112	57,602	57,243	59,273
By State:								
Maine:								
Catch.....	143,824	88,088	184,425	356,266	243,513	285,736	257,174	279,562
Value.....	4,329	2,606	12,499	14,689	16,754	16,856	16,083	16,966
New Hampshire:								
Catch.....	1,069	788	1,549	645	689	846	948	848
Value.....	69	105	488	219	247	311	345	382
Massachusetts:								
Catch.....	442,474	510,938	625,878	591,188	510,035	561,068	566,413	575,332
Value.....	16,289	15,756	39,643	40,768	37,846	35,213	35,057	36,182
Rhode Island:								
Catch.....	25,972	12,060	20,525	38,265	92,286	103,726	115,323	141,309
Value.....	2,287	966	2,377	2,788	3,989	4,302	4,738	4,762
Connecticut:								
Catch.....	88,012	14,180	13,094	20,226	17,482	15,065	15,560	18,195
Value.....	4,519	1,060	1,582	2,114	1,276	920	1,020	991
Catch, by species:								
Haddock.....	264,549	141,193	147,195	157,765	139,494	154,895	135,029	152,193
Ocean perch.....	113	85,016	131,811	207,793	153,893	181,448	156,989	151,113
Herring, sea.....	82,901	44,052	94,179	195,154	110,541	129,219	104,286	146,457
Cod.....	101,632	82,289	141,072	53,968	31,899	35,239	32,369	32,760
Flounders.....	49,165	57,572	61,310	66,824	47,338	47,498	50,064	47,886
Lobster.....	12,357	11,165	22,267	22,559	27,136	26,433	27,624	25,171
Middle Atlantic States:								
Catch.....	193,868	355,553	494,193	491,685	963,843	886,879	871,006	1,054,438
Value.....	13,064	7,651	23,224	28,843	30,122	30,552	28,937	30,823
By State:								
New York:								
Catch.....	45,495	91,959	117,548	142,341	137,496	138,058	132,791	153,564
Value.....	4,934	4,216	10,053	15,502	9,495	8,219	9,498	9,364
New Jersey:								
Catch.....	97,275	160,554	207,647	188,623	458,847	433,598	421,286	540,060
Value.....	7,474	2,957	11,063	10,201	14,461	14,507	13,074	15,253
Pennsylvania:								
Catch.....	17	23						
Value.....	3	2						
Delaware:								
Catch.....	51,081	103,017	168,998	160,721	367,500	315,223	317,019	360,814
Value.....	653	475	2,109	3,141	6,166	7,826	6,365	6,206
Oyster catch.....	21,516	13,983	13,553	18,170	14,462	13,377	9,848	8,466
Chesapeake Bay States:								
Catch.....	316,393	320,736	304,463	380,892	342,537	472,563	496,208	376,358
Value.....	11,472	7,456	30,363	25,007	26,364	31,838	31,601	32,772
By State:								
Maryland:								
Catch.....	71,099	51,085	51,676	67,092	64,712	60,022	55,249	62,006
Value.....	3,985	2,599	8,845	8,888	10,360	11,847	11,147	13,501
Virginia:								
Catch.....	245,294	269,651	252,787	313,800	277,825	412,541	440,959	314,352
Value.....	7,487	4,858	21,518	16,119	15,995	19,991	20,454	19,271
Catch, by species:								
Oysters.....	36,724	37,457	32,570	29,954	36,946	41,587	39,227	37,064
Crabs.....	68,759	41,816	40,822	80,046	63,184	54,743	46,128	50,598
South Atlantic States:								
Catch.....	275,808	325,515	404,946	260,881	326,545	326,064	346,574	444,262
Value.....	4,270	4,064	15,132	18,944	20,157	17,560	17,274	19,920
By State:								
North Carolina:								
Catch.....	168,939	170,581	108,169	172,339	192,648	213,266	233,096	300,718
Value.....	1,836	1,805	5,495	6,800	8,265	6,936	7,284	8,115
South Carolina:								
Catch.....	5,106	9,446	10,855	14,726	14,419	17,178	22,033	18,057
Value.....	253	266	899	2,810	2,253	2,547	2,487	2,453
Georgia:								
Catch.....	34,873	12,672	21,398	17,351	18,046	19,454	19,025	17,364
Value.....	536	381	1,350	3,584	3,211	2,647	2,472	3,125
Florida (east coast only):								
Catch.....	66,890	132,816	174,524	56,465	101,432	76,166	72,420	108,123
Value.....	1,645	1,553	7,388	5,749	6,428	5,430	5,031	6,227
Shrimp catch.....	26,204	22,702	43,581	36,481	32,933	28,646	28,539	23,518

See footnotes at end of table.

No. 921.—FISHERIES—CATCH OF PRINCIPAL SPECIES, BY AREAS, AND QUANTITY AND VALUE OF CATCH, BY STATES: 1930 TO 1956—Continued

[Catch in thousands of pounds; value in thousands of dollars]

STATE, CATCH, AND VALUE	1930	1940	1945	1950	1953	1954	1955	1956
Gulf States:								
Catch.....	141,951	250,018	341,081	570,641	759,422	754,701	820,628	899,774
Value.....	6,795	10,581	39,197	50,358	85,158	72,573	76,287	85,378
By State:								
Florida (west coast only):								
Catch.....	53,524	54,676	60,322	62,013	108,027	97,521	105,756	107,504
Value.....	3,001	3,452	11,448	9,955	25,372	19,815	21,190	24,582
Alabama:								
Catch.....	7,113	11,344	15,137	10,988	11,964	12,224	13,441	12,320
Value.....	316	562	2,443	2,122	3,017	1,374	2,265	2,887
Mississippi:								
Catch.....	15,735	38,002	70,787	84,139	77,740	116,744	183,137	232,940
Value.....	740	623	1,711	3,371	3,321	3,267	5,685	6,641
Louisiana:								
Catch.....	49,886	126,627	163,902	316,250	419,729	376,600	397,203	468,690
Value.....	1,960	4,952	20,486	23,645	26,275	24,415	23,418	25,358
Texas:								
Catch.....	15,093	19,360	21,933	97,251	141,962	151,612	130,101	138,260
Value.....	778	993	3,109	11,265	27,173	23,202	23,729	25,010
Shrimp catch.....	61,914	127,838	145,443	151,753	224,503	237,153	212,402	193,621
Great Lakes: <sup>1</sup>								
Catch <sup>2</sup> .....	94,948	79,296	78,643	70,882	77,252	81,190	76,754	80,645
Value <sup>2</sup> .....	6,050	5,623	13,800	10,845	9,578	9,980	9,699	10,164
By Lake:								
Superior:								
Catch.....	14,694	20,672	18,725	12,584	13,650	15,385	13,581	13,591
Value.....	695	904	2,574	1,977	1,798	2,118	1,886	1,940
Michigan:								
Catch.....	30,973	22,814	22,090	27,077	28,831	30,291	30,036	30,798
Value.....	2,159	2,050	5,571	3,661	3,227	3,195	3,221	3,463
Huron:								
Catch.....	16,377	9,099	7,475	5,073	5,497	5,421	4,553	3,635
Value.....	1,320	680	1,129	411	590	567	484	384
Erie:								
Catch.....	29,540	22,944	28,631	23,982	27,347	28,340	26,796	30,744
Value.....	1,656	1,772	4,267	4,572	3,765	3,895	3,954	4,227
Pacific Coast States:								
Catch.....	833,389	1,456,281	1,428,278	1,515,249	734,018	825,900	800,104	862,355
Value.....	23,064	29,578	62,694	107,827	84,187	96,389	79,764	84,810
By State:								
Washington:								
Catch.....	110,039	111,632	196,136	118,694	149,546	160,424	155,305	126,501
Value.....	8,335	6,676	18,155	19,071	19,932	24,375	20,906	19,303
Oregon:								
Catch.....	26,459	54,203	72,774	58,256	40,781	43,485	46,710	61,309
Value.....	2,256	2,742	7,507	7,151	4,836	4,611	5,683	7,785
California:								
Catch.....	696,891	1,290,446	1,159,368	1,338,299	543,691	621,691	598,089	674,545
Value.....	12,473	20,160	37,032	81,605	59,419	67,403	53,175	57,722
Catch, by species:								
Pilehard or sardine.....	494,451	913,944	849,971	714,522	9,469	136,504	145,608	69,554
Mackerel.....	16,531	120,504	53,717	32,650	7,502	25,393	23,310	50,013
Salmon.....	99,615	61,379	96,248	63,725	92,658	77,683	86,205	54,351
Tuna and tuna-like fishes.....	104,511	210,173	183,587	390,549	303,894	323,500	269,499	328,732
Mississippi River and tributaries:								
Catch.....	(3)	(3)	(3)	105,796	(3)	90,476	103,166	90,779
Value.....	(3)	(3)	(3)	10,104	(3)	7,894	8,205	8,139
Alaska:								
Catch.....	620,702	563,688	596,052	482,293	296,966	337,629	315,323	428,145
Value.....	12,756	10,612	22,288	31,372	26,467	31,251	26,768	37,739
Salmon catch.....	426,442	439,182	402,635	264,919	220,276	247,033	203,675	269,898

<sup>1</sup> Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service.

<sup>2</sup> Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake of the Woods, Namakan Lake, and Rainy Lake.

<sup>3</sup> Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 922.—QUANTITY AND VALUE OF CATCH LANDED AT SPECIFIED NEW ENGLAND  
PORTS: 1950 TO 1956

[Quantity in thousands of pounds; value in thousands of dollars. See also *Historical Statistics, 1789-1945*, series F 193, 195]

PORT AND YEAR	Total, all species	Cod	Had- dock	Hake	Pol- lock	Cusk	Whit- ing	Mack- erel	Ocean Perch	Floun- ders	Miscel- laneous
<b>QUANTITY</b>											
<b>Boston:</b>											
1950.....	172,033	24,360	107,379	2,998	9,886	1,265	4,887	1,051	7,740	10,028	2,439
1951.....	171,023	20,853	106,917	2,841	8,726	1,332	10,024	2,630	6,599	9,738	1,363
1952.....	173,174	21,606	109,139	2,874	11,601	1,480	8,629	2,450	6,945	6,766	1,684
1953.....	152,226	16,657	98,391	2,710	11,419	1,356	7,200	1,067	4,920	7,139	1,367
1954.....	151,378	16,532	108,456	1,842	10,584	762	3,511	92	3,097	5,279	1,223
1955.....	136,691	15,284	96,349	2,070	11,813	937	1,368	57	3,040	4,796	977
1956.....	147,402	17,518	106,663	1,606	11,611	1,046	413	11	2,839	4,517	1,178
<b>Gloucester:</b>											
1950.....	195,931	5,999	9,983	4,162	5,837	673	16,981	5,669	120,291	7,444	18,892
1951.....	259,670	4,970	5,842	4,402	5,591	841	36,917	3,785	177,694	4,534	15,094
1952.....	222,434	3,556	11,171	3,657	5,475	644	31,285	3,189	121,586	2,869	39,002
1953.....	186,425	2,786	8,447	2,213	4,509	415	30,339	2,621	88,329	3,367	43,399
1954.....	232,387	2,222	9,285	1,842	3,094	370	38,480	588	98,679	7,105	70,722
1955.....	253,545	1,978	7,588	1,641	3,418	351	53,818	836	86,249	6,011	92,155
1956.....	252,038	1,361	8,773	1,119	3,365	385	46,432	694	83,303	2,761	103,845
<b>New Bedford:</b>											
1950.....	116,911	5,110	11,514	97	207	6	85	258	474	29,412	69,748
1951.....	79,318	5,015	13,781	2,060	116	3	15	30	47	27,235	31,016
1952.....	75,177	3,943	12,596	126	78	3	12	20	4	27,806	30,589
1953.....	75,001	2,162	8,927	52	54	2	151	8	4	22,436	41,205
1954.....	71,661	4,734	11,082	42	20	1	103		(1)	19,206	36,373
1955.....	83,041	4,435	8,035	3,189	62	5	3,789	(1)	12	23,725	39,789
1956.....	87,965	3,809	11,054	4,312	97	2	2,434		1	22,746	43,510
<b>Cape Cod ports:</b>											
1950.....	37,760	3,034	2,555	359	384	39	11,618	2,379	7	5,912	11,473
1951.....	37,599	3,440	2,878	571	321	71	12,379	1,027	26	6,055	10,831
1952.....	33,906	2,126	2,920	1,970	371	69	9,640	4,593	27	5,285	7,085
1953.....	35,624	1,720	1,624	1,374	159	37	13,047	1,688	17	4,771	11,187
1954.....	36,323	1,736	1,503	1,596	302	27	13,858	1,375	1	3,577	12,348
1955 <sup>2</sup> .....	42,063	2,261	2,003	2,654	374	9	10,421	1,032	2	3,827	19,480
1956 <sup>2</sup> .....	47,717	1,999	2,501	2,859	264	23	19,114	1,916	3	5,877	13,161
<b>VALUE</b>											
<b>Boston:</b>											
1950.....	13,557	1,787	9,180	191	451	62	199	107	326	924	330
1951.....	14,311	1,747	9,507	228	518	77	482	251	335	1,018	148
1952.....	14,344	1,811	9,728	243	578	97	355	227	303	803	199
1953.....	12,102	1,312	8,600	207	447	78	242	125	201	731	159
1954.....	10,788	1,167	8,045	128	422	43	132	18	141	556	136
1955.....	9,226	1,089	6,670	141	493	60	50	11	133	531	98
1956.....	10,545	1,225	7,791	140	466	71	20	2	116	579	135
<b>Gloucester:</b>											
1950.....	9,061	368	792	131	184	21	557	438	5,692	539	339
1951.....	12,694	330	463	175	244	32	1,320	295	8,829	386	620
1952.....	9,611	241	895	135	200	28	1,136	249	5,263	237	1,197
1953.....	9,611	177	608	81	130	17	811	268	3,408	280	3,831
1954.....	8,256	142	638	76	93	16	1,068	81	4,029	633	1,480
1955.....	7,931	120	469	67	103	16	1,067	97	3,327	530	2,135
1956.....	7,442	85	576	48	95	19	870	55	3,142	247	2,305
<b>New Bedford:</b>											
1950.....	11,343	369	991	4	8		1	40	17	3,724	6,189
1951.....	11,921	433	1,196	24	5	(3)	(3)	3	2	4,332	5,926
1952.....	13,137	377	1,127	4	4	(3)	(3)	4		4,113	7,508
1953.....	13,137	186	775	1	2	(3)	2	1	(3)	3,145	9,025
1954.....	10,281	307	768	2	1	(3)	2		(3)	2,631	6,570
1955.....	11,998	321	531	38	3	(3)	51	(3)	(3)	3,310	7,744
1956.....	12,291	280	734	48	4	(3)	31	(3)	(3)	3,076	8,118
<b>Cape Cod ports:</b>											
1950.....	2,560	230	232	8	14	1	289	194		677	915
1951.....	2,837	293	273	21	22	2	410	117	1	806	892
1952.....	2,917	197	280	33	19	2	291	281	1	653	1,160
1953.....	2,523	151	151	20	8	1	340	213	1	532	1,106
1954.....	1,918	122	124	21	11	1	325	194	(3)	414	706
1955 <sup>2</sup> .....	1,916	154	126	38	11	(3)	239	121	(3)	462	765
1956 <sup>2</sup> .....	2,422	166	174	34	11	(3)	390	262	(3)	684	701

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> Includes Plymouth, Mass.

<sup>3</sup> Less than \$500.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

## No. 923.—FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1945 TO 1957

[Round weight of catch in millions of pounds. Includes Alaska. A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in addition to whole fish used in manufacture of these products. From 600 million to 1 billion pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics, 1789-1945*, series F 155-159]

DISPOSITION	1945	1950	1951	1952	1953	1954	1955	1956 (prel.)	1957 (prel.)
Total.....	4,576	4,884	4,414	4,418	4,468	4,742	4,794	5,252	4,750
Fresh and frozen.....	1,847	1,692	1,715	1,604	1,537	1,564	1,568	1,526	1,428
Canned.....	1,230	1,720	1,326	1,248	993	1,189	1,039	1,202	1,130
Cured.....	110	100	84	85	85	85	86	87	88
Byproducts, bait, etc.....	1,389	1,372	1,289	1,481	1,853	1,934	2,101	2,437	2,104

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 924.—CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE, BY SPECIES:  
1935 TO 1957

[Quantity in thousands of pounds; value in thousands of dollars. Includes Alaska. See also *Historical Statistics, 1789-1945*, series F 200-209, for total fishery products, salmon, sardines, and tuna and tuna-like fishes]

YEAR	Total	Salmon	SARDINES		Tuna and tuna-like fishes	Mack- erel	Shrimp	Clam prod- ucts	Oysters	Other
			Maine	Calif.						
QUANTITY										
1935.....	643,848	289,339	33,614	108,902	52,192	81,550	18,230	16,674	7,513	35,834
1940.....	681,194	269,040	22,690	132,565	91,144	63,985	16,744	24,257	9,668	51,101
1945.....	646,386	235,596	51,061	169,469	88,978	31,174	3,225	21,502	3,164	42,217
1946.....	669,376	216,485	61,315	133,973	93,888	43,297	7,832	40,493	5,472	66,618
1947.....	754,133	270,793	57,544	74,367	117,469	78,973	7,085	36,136	5,747	106,019
1948.....	782,208	231,598	62,135	119,437	139,682	57,654	8,383	32,795	4,999	125,525
1949.....	855,015	265,196	62,413	169,570	138,645	47,247	9,971	31,112	6,341	124,520
1950.....	967,115	206,871	78,037	228,186	174,794	65,567	11,794	38,868	6,893	156,105
1951.....	800,515	222,987	34,038	128,924	157,326	47,183	13,068	39,187	6,529	151,273
1952.....	815,213	214,289	71,677	4,804	179,417	68,641	12,269	45,252	7,408	211,456
1953.....	792,194	187,769	56,485	2,863	188,704	26,834	15,242	44,650	6,845	262,802
1954.....	802,629	199,810	59,579	60,215	214,454	16,478	14,021	43,005	6,245	248,822
1955.....	845,019	157,855	25,758	63,657	196,500	25,399	13,516	44,647	7,834	309,853
1956.....	979,419	168,250	45,298	33,963	229,570	50,235	13,636	48,060	6,512	383,895
1957 (prel.).....	986,938	152,875	46,007	22,399	232,676	59,696	9,027	48,652	6,982	408,624
VALUE										
1935.....	74,999	32,475	5,143	6,237	12,824	4,975	4,722	2,681	2,045	3,897
1940.....	94,182	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969
1945.....	152,801	52,586	12,077	15,346	47,407	4,047	1,919	7,391	2,030	9,998
1946.....	227,629	70,161	20,276	19,896	59,136	7,575	8,429	11,145	5,249	25,762
1947.....	310,679	120,635	28,311	16,538	90,609	15,019	8,192	8,642	4,259	18,474
1948.....	336,181	120,537	29,359	21,893	112,612	9,851	7,791	8,330	4,778	21,030
1949.....	295,504	103,431	21,052	21,335	97,710	6,849	11,203	8,779	6,525	13,820
1950.....	331,335	109,541	21,209	26,346	112,830	7,492	12,773	10,840	7,096	23,208
1951.....	301,210	108,626	14,635	19,363	99,046	6,259	12,187	11,774	5,931	23,389
1952.....	305,829	98,264	21,603	918	113,035	11,333	12,999	12,210	7,047	28,490
1953.....	306,874	82,240	16,954	653	126,258	5,039	16,947	12,630	6,559	37,594
1954.....	331,018	92,255	18,153	9,818	142,149	2,509	13,691	12,301	5,829	34,313
1955.....	303,165	81,356	9,333	10,014	125,259	3,334	13,562	12,057	7,004	41,245
1956.....	349,516	95,101	16,692	5,734	140,338	6,435	16,421	13,481	6,257	49,057
1957 (prel.).....	334,766	85,809	14,715	4,721	135,907	7,404	13,005	13,317	7,008	52,880

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

# No. 925.—CANNED FISHERY PRODUCTS, FISH MEAL, AND FISH OIL—PRODUCTION AND VALUE: 1940 TO 1957

[Includes Alaska. See also *Historical Statistics, 1789-1945*, series F 212-215]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 lb.	\$1,000	Tons	\$1,000	1,000 gal.	\$1,000	\$1,000
1940	681, 194	94, 182	193, 244	7, 834	18, 250	5, 632	5, 088
1945	646, 386	152, 801	200, 675	14, 405	23, 698	16, 034	11, 202
1946	669, 376	227, 629	199, 621	20, 439	19, 135	21, 223	13, 619
1947	754, 133	310, 679	185, 807	22, 353	15, 900	20, 107	11, 643
1948	782, 208	336, 181	199, 544	23, 087	16, 343	18, 476	12, 508
1949	855, 015	295, 604	237, 180	35, 652	16, 861	7, 520	17, 365
1950	967, 115	331, 335	239, 713	29, 226	21, 432	14, 042	3, 431
1951	800, 515	301, 210	209, 756	25, 374	17, 873	14, 044	2, 579
1952	815, 213	305, 829	221, 403	27, 162	15, 818	7, 316	2, 075
1953	792, 194	306, 874	238, 851	29, 560	20, 090	10, 045	1, 436
1954	862, 629	331, 018	256, 967	32, 754	21, 628	11, 414	1, 392
1955	845, 019	303, 165	264, 502	34, 749	24, 679	14, 280	589
1956	979, 419	349, 516	295, 793	37, 887	26, 581	16, 626	625
1957 (prel.)	986, 938	334, 766	262, 463	32, 390	19, 992	11, 958	542

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

# No. 926.—FRESH AND FROZEN PACKAGED FISH—PRODUCTION, BY SPECIES: 1940 TO 1957

[Quantity in thousands of pounds; value in thousands of dollars]

YEAR	Total	Cod	Flounders	Haddock	Ocean perch	Whiting	Other
QUANTITY							
1940	129, 420	14, 805	11, 245	37, 140	23, 014	13, 256	29, 960
1945	204, 927	28, 864	19, 961	44, 197	35, 456	29, 959	46, 490
1947	185, 800	14, 032	20, 664	43, 205	45, 976	28, 042	30, 881
1948	189, 297	13, 879	23, 466	42, 219	67, 696	5, 122	36, 915
1949	194, 011	13, 652	28, 924	42, 140	73, 193	4, 200	31, 902
1950	191, 524	12, 990	28, 331	51, 192	63, 128	2, 537	33, 346
1951	205, 486	13, 290	26, 309	50, 831	75, 023	8, 714	31, 319
1952	190, 889	11, 684	24, 340	52, 065	58, 660	7, 912	36, 228
1953	160, 370	11, 406	21, 279	44, 334	50, 171	3, 324	29, 856
1954	173, 608	12, 241	20, 252	46, 867	58, 623	3, 308	32, 317
1955	159, 039	11, 737	22, 740	38, 276	50, 229	3, 703	32, 354
1956	162, 799	10, 232	21, 822	44, 230	47, 293	3, 188	36, 029
1957 (prel.)	153, 916	10, 078	24, 259	39, 401	42, 070	3, 781	34, 327
VALUE							
1940	14, 345	1, 793	1, 542	4, 521	2, 272	561	3, 656
1945	48, 371	7, 452	6, 086	12, 349	7, 673	3, 098	11, 713
1947	44, 272	3, 458	7, 027	12, 094	10, 912	2, 662	8, 119
1948	47, 642	3, 490	8, 102	11, 853	14, 408	784	9, 005
1949	48, 339	3, 232	9, 096	11, 845	15, 335	686	8, 145
1950	53, 482	3, 101	9, 916	14, 275	15, 126	399	10, 665
1951	59, 487	3, 436	10, 817	14, 546	18, 733	1, 338	10, 617
1952	55, 057	3, 004	9, 897	15, 387	14, 182	1, 058	11, 329
1953	45, 839	2, 888	8, 089	13, 011	11, 376	530	9, 945
1954	47, 118	2, 845	7, 617	11, 572	13, 300	555	11, 229
1955	44, 865	2, 785	8, 769	9, 848	11, 436	591	11, 437
1956	47, 342	2, 606	8, 714	11, 273	10, 667	591	13, 491
1957 (prel.)	46, 441	2, 489	9, 336	11, 800	9, 678	644	12, 494

<sup>1</sup> Excludes California production.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

## No. 927.—FROZEN FISHERY PRODUCTS—PRODUCTION: 1945 TO 1957

[In thousands of pounds. Includes Alaska. For cold storage holdings, see table 891. See also *Historical Statistics, 1789-1945*, series F 199, for annual figures]

MONTH	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>Total</b> .....	286,001	287,190	325,504	313,173	275,396	302,658	314,684	324,964	314,158
January.....	4,925	7,302	10,651	12,897	10,582	7,776	13,500	12,694	12,182
February.....	4,191	9,318	10,292	10,195	7,158	8,886	14,370	15,253	14,021
March.....	6,890	13,207	12,721	11,800	10,989	12,466	17,176	14,156	14,475
April.....	12,962	14,249	20,199	19,455	11,624	15,615	20,252	21,329	18,905
May.....	27,630	33,846	43,289	34,172	28,045	33,449	32,654	26,911	33,269
June.....	39,392	39,310	44,809	49,306	42,056	43,423	38,218	41,754	40,527
July.....	42,866	35,727	42,220	44,093	42,607	40,936	44,719	40,873	43,376
August.....	45,623	37,289	42,217	34,242	35,112	44,022	40,375	43,824	43,047
September.....	33,257	30,527	30,393	31,849	30,287	31,628	33,612	34,193	33,553
October.....	27,472	29,493	30,666	32,311	25,364	27,197	26,107	31,629	28,204
November.....	26,212	22,230	23,604	20,689	18,655	21,305	18,901	25,184	19,194
December.....	14,591	14,692	14,443	12,164	12,917	15,955	14,800	17,164	13,405

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

## No. 928.—FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1940 TO 1956

YEAR	IMPORTS			EXPORTS		
	Total	Edible products		Total	Edible products	
		1,000 pounds	\$1,000		1,000 pounds	\$1,000
1940.....	\$1,000	431,830	302,518	29,073	12,757	17,785
1945.....	41,254	404,768	76,434	24,820	38,510	135,979
1950.....	198,296	639,725	158,414	30,882	27,474	121,623
1952.....	240,429	705,118	183,121	57,308	21,947	62,056
1953.....	245,480	726,195	195,869	49,611	27,878	69,308
1954.....	252,332	803,389	203,645	48,687	31,527	62,724
1955.....	267,947	771,012	208,051	49,896	39,977	109,750
1956.....	281,197	787,866	233,166	48,031	39,503	101,918

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*. Compiled from data furnished by Department of Commerce, Bureau of the Census.

## No. 929.—FISHERY PRODUCTS—IMPORTS AND EXPORTS OF SELECTED PRODUCTS: 1956 AND 1957

[Quantity in thousands of pounds; value in thousands of dollars]

PRODUCT	1956		1957		PRODUCT	1956		1957	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
<b>IMPORTS</b>					<b>IMPORTS—continued</b>				
<b>Edible products:</b>					<b>Edible products—Con.</b>				
<b>Fresh or frozen:</b>					<b>Canned—Continued</b>				
Whitefish (exc. fillets).....	10,761	3,918	12,062	4,359	Bonito and yellow-tail in oil.....	10,409	2,672	11,608	2,907
Halibut (exc. fillets).....	15,027	4,171	17,609	4,736	Bonito and yellow-tail, in brine.....	3,210	622	3,905	756
Salmon (exc. fillets).....	12,940	5,427	15,677	5,698	Crab meat.....	5,640	5,318	6,185	6,254
Sea herring.....	9,026	225	11,497	242	Lobster and spiny lobster.....	3,424	5,031	3,271	5,017
Smelt.....	5,309	1,116	4,565	951	Pickled or salted:				
Swordfish (exc. fillets).....	6,659	2,341	6,868	2,535	Cod, haddock, hake, pollock and cusk.....	48,498	8,040	44,922	7,613
Tuna.....	120,240	15,337	139,287	16,765	Herring.....	29,400	3,487	30,633	3,689
Groundfish fillets.....	135,295	25,987	140,679	27,417	Nonedible products (scrap and meal).....	180,000	11,518	162,000	9,716
Other fillets and steaks.....	60,274	19,933	63,301	21,725	<b>EXPORTS</b>				
Lobster and spiny lobster.....	47,742	34,285	50,399	36,780	<b>Canned:</b>				
Shrimp and prawn.....	68,618	32,986	69,732	35,462	Salmon.....	5,213	3,606	6,688	4,740
<b>Canned:</b>					Maackerel.....	2,374	335	17,044	2,146
Anchovies, in oil.....	5,923	2,802	6,092	2,865	Sardines:				
Salmon.....	28,802	11,650	24,401	9,470	In oil.....	229	84	543	191
Sardines, in oil.....	18,581	7,001	20,159	8,348	Not in oil.....	39,445	6,417	14,922	2,654
Sardines and herring, not in oil.....	10,460	2,498	14,396	3,086	Fish oil, inedible.....	140,804	12,883	114,818	10,725
Tuna, in oil.....	586	226	1,068	346					
Tuna in brine.....	37,629	14,772	43,167	16,589					

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fisheries of the United States and Alaska*.



## Section 28

### Mining and Mineral Products

This section presents statistics relating to the mineral industries and mineral products. The data are arranged in four broad groupings: General summary statistics, fuels, nonmetals other than fuels, and metals. Summary measures of production and employment are presented for mining and its products. More detailed data on value and quantity of production, prices, imports and exports, consumption, and distribution are shown for specific mineral industries and products. The latter include not only crude minerals (coal, iron ore, etc.), but minerals which have passed through certain stages of processing (refined copper, cement, etc.), and minerals such as magnesium whose extraction does not involve mining in the conventional sense.

The principal source of these data is the *Minerals Yearbook*, published by the Bureau of Mines of the Department of the Interior. Other government sources are the Censuses of Mineral Industries conducted by the Bureau of the Census; *Statistics of Oil Pipe Line Companies*, issued annually by the Interstate Commerce Commission as Part 6 of *Transport Statistics*; and the Bureau of the Mint's *Annual Report of the Director*, which presents data on gold and silver. Nongovernment sources include the *Engineering and Mining Journal* issued monthly by the McGraw-Hill Publishing Co., and *The Iron Age*, a weekly Chilton Co. publication.

Mineral statistics, with principal emphasis on commodity detail, have been collected annually or at more frequent intervals by the United States Geological Survey or by the Bureau of Mines since 1880. Current data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The Bureau of Mines also collects and publishes separate data on man-hours, active days, length of shift, and accidents.

Censuses of mineral industries have been conducted by the Bureau of the Census approximately every 10 years since 1840. The most recent censuses have been those covering 1939 and 1954. Summary data from those censuses are included here. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals and issued in its *Facts for Industry* series.

Data on mining and mineral products may also be found in other sections of this *Abstract*. For example, data on iron and steel, aluminum and magnesium, copper products, clay products, and other mineral products appear in section 30, *Manufactures*; and summary data for U. S. Territories and possessions appear in section 33. In general, figures shown in the individual commodity tables include data for Territories and possessions, and may therefore not agree with summary table 932. Except for crude petroleum, the export and import figures include foreign trade passing through the customs districts of Alaska, Hawaii, and Puerto Rico, but exclude shipments between continental U. S. and the Territories and possessions and Puerto Rico.

**Historical statistics.**—Tabular headnotes (as “See also *Historical Statistics, 1789–1945*, series G 1–5”) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*, and its *Continuation to 1952*. See preface.

**Note.**—This section presents data for the most recent year or period available on May 23, 1968, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

FIG. XXXVI.—VALUE OF MINERAL PRODUCTION: 1925 TO 1956  
[See table 930]

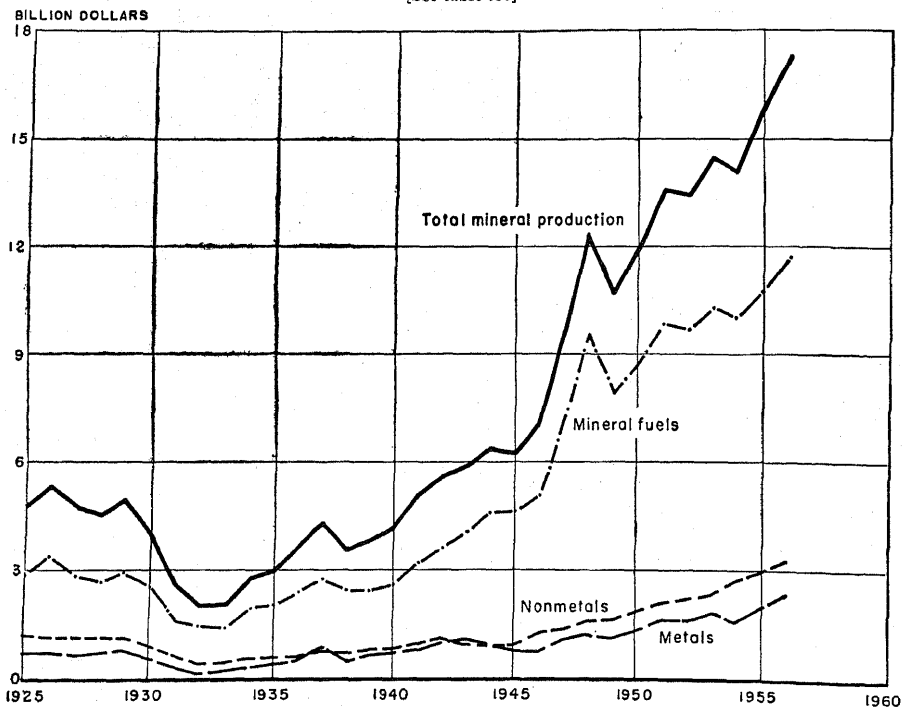
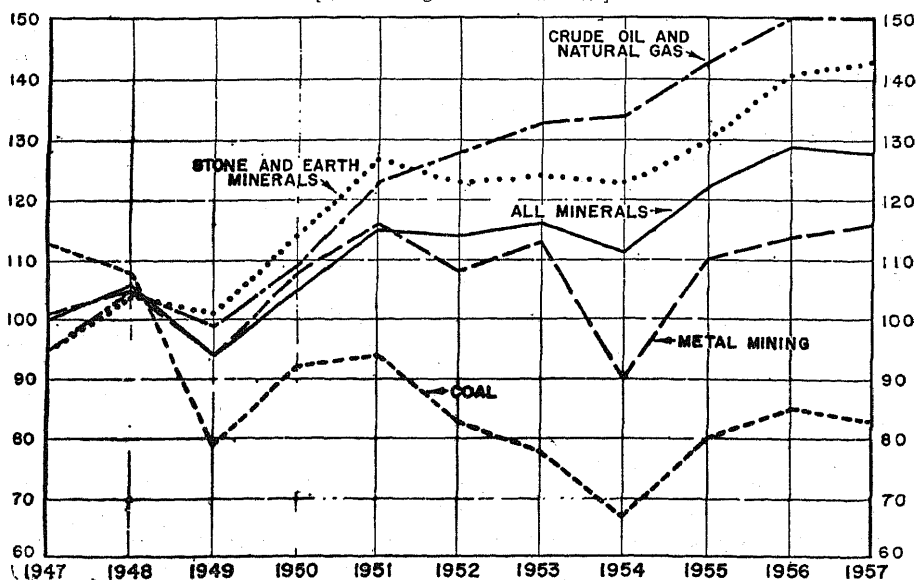


FIG. XXXVII.—MINERAL PRODUCTION INDEXES OF PHYSICAL VOLUME: 1947 TO 1957  
[1947-49 average=100. See table 934]



## No. 930.—VALUE OF MINERAL PRODUCTION IN THE UNITED STATES: 1901 TO 1956

[In millions of dollars. Principal differences between old basis and new basis are as follows: (1) Totals on the new basis, except as noted, represent continental U. S. only; on the old basis, production in Alaska, Hawaii, Philippine Islands, and Puerto Rico was included, but no data were collected for other U. S. possessions now shown in table 1168; (2) U. S. totals on the new basis are a better representation than formerly of the production of primary minerals from domestic mines (or concentrating mills); on the old basis, totals include secondary products and mineral products made from foreign materials. However, value on new basis still includes some advanced products, like cement, lime, and natural gas liquids in all years, and through 1946, value of heavy clay products; also, value of nonferrous metals is mine quantity valued at the refined price. Revised data for years prior to 1925 on new basis are not available. See also *Historical Statistics, 1789-1945*, series G 1-5]

YEARLY AVERAGE OR YEAR	Total	NONMETALLIC			Metal- lic	YEAR	Total	NONMETALLIC			Metal- lic
		Total	Fuels <sup>1</sup>	Other				Total	Fuels <sup>1</sup>	Other <sup>2</sup>	
OLD BASIS						NEW BASIS—CON.					
1901-1905.....	1,392	814	546	267	578	1943.....	5,931	4,944	4,028	916	987
1906-1910.....	1,887	1,118	746	372	769	1944.....	6,310	5,410	4,574	836	900
1911-1915.....	2,220	1,400	967	433	821	1945.....	6,231	5,457	4,569	888	774
1916-1920.....	5,129	3,331	2,602	729	1,798	1946.....	7,062	6,333	5,090	1,243	729
1921-1925.....	5,151	3,997	2,943	1,054	1,154	1947.....	9,610	8,526	7,188	1,338	1,084
1926-1930 <sup>3</sup> .....	5,556	4,280	3,088	1,192	1,276	1948.....	12,273	11,054	9,502	1,552	1,219
NEW BASIS						1949.....	10,580	9,479	7,920	1,559	1,101
1926-1930.....	4,676	4,015	2,870	1,144	661	1950.....	11,862	10,511	8,689	1,822	1,351
1931-1935.....	2,463	2,210	1,691	520	252	1951.....	13,529	11,858	9,779	2,079	1,671
1936-1940.....	3,879	3,256	2,545	711	623	1952.....	13,396	11,779	9,616	2,163	1,617
1941-1945.....	5,840	4,930	3,993	937	910	1953 <sup>4</sup> .....	14,418	12,607	10,257	2,350	1,811
1946-1950.....	10,277	9,181	7,678	1,503	1,097	1954 <sup>4</sup> .....	14,066	12,548	9,919	2,629	1,518
1951-1955.....	14,243	12,508	10,070	2,438	1,734	1955 <sup>4</sup> .....	15,804	13,749	10,780	2,969	2,055
1941.....	5,107	4,217	3,228	989	890	1956 <sup>4</sup> .....	17,346	14,984	11,708	3,276	2,362
1942.....	5,623	4,624	3,568	1,056	999						

<sup>1</sup> Through 1948, comprises coal, natural gas, natural gas liquids, and petroleum; beginning 1949, also includes asphalt and related bitumens, carbon dioxide, helium, and peat.

<sup>2</sup> Beginning 1954, adjusted to eliminate duplication in value of clays and stone.

<sup>3</sup> Includes Alaska and Hawaii.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 931.—AVERAGE PRICES OF SELECTED MINERAL PRODUCTS: 1901 TO 1957

YEARLY AVERAGE OR YEAR	Iron ore <sup>1</sup> (Lake Erie ports)	Copper, electro- lytic <sup>2</sup>	Lead (New York)	Tin (New York) <sup>3</sup>	Zinc (St. Louis)	Alumi- num, de- livered <sup>4</sup>	Sulfur crude (f.o.b. works)	Silver (New York)	Quick- silver (New York)
	Dollars per long ton	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Dollars per long ton	Cents per troy oz.	Dollars per 78-lb. flask
1901-1905.....	2.70	13.877	4.330	26.19	\$ 5.284	33.80	22.16	56.451	45.17
1906-1910.....	3.70	15.642	4.780	34.26	5.432	31.12	21.89	57.976	44.12
1911-1915.....	3.08	14.973	4.359	41.10	7.205	23.84	22.00	55.685	52.77
1916-1920.....	5.21	23.031	7.355	54.43	8.783	42.14	31.76	91.174	105.71
1921-1925.....	5.03	13.474	6.933	42.64	6.189	23.88	14.55	66.180	64.76
1926-1930.....	4.35	14.475	6.765	51.38	6.135	24.80	18.04	53.560	114.15
1931-1935.....	4.50	7.555	3.843	37.64	3.806	22.40	18.00	40.713	70.07
1936-1940.....	4.76	10.980	5.138	48.39	5.495	20.12	13.90	41.410	105.27
1941-1945.....	4.47	11.779	6.355	52.01	8.095	15.37	16.00	42.909	165.97
1946-1950.....	6.29	19.451	13.897	85.32	11.765	16.09	17.48	74.486	83.84
1951-1955.....	9.36	28.877	15.330	106.00	13.610	20.96	23.88	86.769	231.40
1947.....	5.55	20.958	14.673	77.95	10.500	15.00	16.51	71.820	83.74
1948.....	6.20	22.038	18.043	99.25	13.589	15.73	18.00	74.361	76.49
1949.....	7.20	19.202	15.364	99.34	12.144	17.00	18.00	71.930	79.46
1950.....	7.70	21.235	13.296	95.54	13.866	17.71	18.90	74.169	81.26
1951.....	8.30	24.200	17.500	127.08	18.000	19.00	21.00	89.368	210.13
1952.....	8.68	24.200	16.467	120.47	16.215	19.41	21.00	84.941	199.10
1953.....	9.80	28.798	13.489	95.85	10.855	20.93	24.38	85.188	193.03
1954.....	9.90	29.694	14.054	91.84	10.681	21.78	26.50	85.250	264.39
1955.....	10.10	37.491	15.138	94.74	12.299	23.67	26.50	89.099	290.35
1956.....	10.85	41.818	16.013	101.41	13.494	26.01	26.50	90.826	259.92
1957.....	11.45	29.576	14.658	95.26	11.399	27.52	25.50	90.820	246.98

<sup>1</sup> Lake Superior, Mesabi, non-Bessemer.

<sup>2</sup> Lake copper, 1896-98; domestic market since 1932.

<sup>3</sup> 99 percent tin, 1896-1920; Straits tin thereafter.

<sup>4</sup> Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); beginning 1930, for 90+ percent virgin ingot.

<sup>5</sup> 1903-05; average for New York zinc 1901-05, 5.058 cents.

<sup>6</sup> 4-year average.

Source: Compiled from *Engineering and Mining Journal*; *The Iron Age*; and *Wholesale Prices* (Bureau of Labor Statistics).

## No. 932.—MINERAL PRODUCTION AND PRINCIPAL PRODUCING STATES OR TERRITORIES: 1950 TO 1956

[Value in thousands of dollars. Beginning 1954 includes Alaska and Hawaii. Data represent production as measured by mine shipments, mine sales, or marketable production (including consumption by producers). See also *Historical Statistics, 1789-1945*, series G 1-6, 13-18, and 43-130]

MINERAL	1950		1954		1955		Quantity	Value	Principal producing States or Territories, in order of quantity
	Quantity	Value	Quantity	Value	Quantity	Value			
Total mineral production.									
Mineral fuels.									
Asphalt and related bitumens (native):									
Bituminous limestone and sandstone..... short tons.	1,184,676	3,522	1,337,822	3,686	1,427,207	4,111	1,458,533	4,114	Tex., Ala., Utah, Okla.
Gilsonite..... do.	66,186	1,774	75,943	2,241	82,822	3,117	89,003	3,822	N. Mex., Calif., Utah, Wash.
Carbon dioxide, natural (estimated)..... 1,000 cubic feet.	472,334	369	638,900	211	702,417	234	713,030	235	
Coal:									
Bituminous 1..... 1,000 short tons.	512,529	2,489,229	387,463	1,759,290	464,633	2,092,383	500,874	2,412,004	W. Va., Pa., Ky., Ill.
Lignite..... do.	3,370	8,112	4,243	10,330	26,205	206,097	28,900	236,785	Pa.
Penitus anthracite..... do.	44,077	392,398	29,083	247,870	235,868	3,881	266,937	4,413	Tex., N. Mex., Kans.
Helium..... 1,000 cubic feet.	80,889	1,028	189,873	3,202	235,968	3,881	10,681,923	1,083,812	Tex., La., Okla., N. Mex.
Natural gas..... 1,000,000 cubic feet.	6,292,060	408,522	8,742,546	892,501	9,405,351	978,357			
Natural-gas liquids:									
Natural gasoline and cycle products..... 1,000 gallons.	4,606,518	321,832	5,385,282	402,418	5,844,904	423,775	5,807,100	431,958	Tex., Calif., La., Okla.
L.P.-gases..... do.	3,035,844	97,773	5,204,304	178,994	5,972,689	195,231	6,457,413	265,185	Fla., Wash., Mich., Iowa.
Peat..... short tons.	130,723	1,143	244,163	2,258	273,669	2,283	292,097	2,460	Tex., Calif., La., Okla.
Petroleum (crude)..... 1,000 (42-gal.) bbl.	1,973,574	4,963,380	2,314,988	6,424,930	2,454,428	6,870,380	2,617,283	7,262,925	
		1,822,000		2,629,000		2,969,000		3,276,000	
Nonmetallic minerals (except fuels).									
Abrasive stone: 3									
Grindstones and pulpstones..... short tons.	4,468	233	2,218	164	2,799	196	(4)	(4)	Ohio.
Millstones..... do.	(6)	11	(6)	(4)	(6)	(4)	(6)	(6)	N. C.
Pebbles (grinding)..... short tons.	1,923	53	3,070	99	2,130	68	2,330	71	
Tube-mill liners (natural)..... do.	1,523	63	59	59	(4)	(4)	1,061	74	
Asbestos..... do.	42,434	2,925	47,621	4,698	44,568	4,487	41,312	4,742	Ark., Mo., Nev., Ga.
Barite..... do.	695,414	6,194	853,253	8,508	1,108,103	10,809	1,290,888	13,498	Calif.
Boron minerals..... do.	647,755	15,890	790,449	26,714	924,496	33,816	944,950	39,592	Tex., Mich., Calif., W. Va.
Bromine..... 1,000 pounds.	98,502	18,795	157,399	41,313	184,454	39,856	196,730	47,434	Pa., Ala., Ind., Mich.
Cement..... 1,000 (376-lb.) bbl.	228,788	537,652	274,703	763,413	305,128	884,381	321,295	989,233	Ohio, Pa., Tex., Ga.
Clays..... 1,000 short tons.	39,381	95,250	42,497	123,165	48,106	139,540	* 50,149	* 157,329	N. Y.
Emery..... short tons.	5,949	75	9,788	132	10,735	151	12,163	174	Wash.
Epsom salts from epsomite..... do.			(4)	(4)	100	5	(4)	(4)	N. C., Calif., Colo., S. Dak.
Feldspar..... long tons.	407,925	2,553	411,018	3,490	465,378	3,801	622,429	5,764	Ill., Mont., Colo., Nev.
Fluorspar..... short tons.	301,510	10,620	245,628	12,333	279,540	12,590	329,719	14,257	N. Y., Idaho, Fla.
Garnet (abrasive)..... do.	9,304	794	14,183	971	11,855	1,191	9,812	1,073	Oreg., Tex., Alaska, Wash.
Gem stones (estimated)..... do.	(5)	450	(6)	613	(6)	(4)	(6)	(4)	Tex., R. I.
Graphite..... short tons.	5,605	27,735	8,995,980	27,384	10,683,733	33,938	10,316,483	34,099	Mich., Calif., Iowa, Tex.
Gypsum..... do.	8,192,625	(7)	16,259	129	16,180	157	156	156	Nich., Ga., Oreg., N. Y.
Iron oxide pigment materials (crude)..... do.	7,462,109	82,847	8,620,735	101,625	10,409,536	126,890	10,567,252	135,532	Ohio, Mo., Pa., Ill.

Magnesite.....	short tons.	420,392	3,091	254,015	1,391	486,088	2,713	686,569	2,502	Wash., Nev., Calif.
Magnesium compounds from sea water and brines (except for metals).....	short tons (MgO equivalent).....	94,926	8,054	113,774	9,469	155,779	12,704	169,019	13,668	Calif., Mich., N. J., Tex.
Mari:										
Calcareous (except for cement).....	short tons.	347,843	246	206,257	152	183,044	128	285,653	215	Mich., Ind., Wis., Va.
Greensand.....	do.	3,935	304	2,838	199	5,704	218	( <sup>1</sup> )		
Mica:										
Scrap.....	do.	89,360	1,743	81,073	1,784	95,432	3,370	86,309	1,850	N. C., S. C., Ga., Ala.
Sheet.....	pounds.	578,818	1,126	693,788	2,393	642,113	3,370	887,871	2,747	N. C., N. H., Ga., Maine.
Perlite.....	short tons.	101,536	649	219,703	1,762	286,157	2,282	310,800	2,550	N. Mex., Colo., Nev., Ariz.
Phosphate rock.....	1,000 long tons.	11,114	63,334	13,821	86,669	12,265	75,397	15,747	97,922	Fla., Tenn., Idaho, Mont.
Potassium salts (K <sub>2</sub> O equivalent).....	short tons.	1,276,164	39,774	1,918,157	71,819	2,005,847	76,176	1,837,747	79,751	N. Mex., Calif., Utah, Mich.
Pumice.....	long tons.	719,356	2,661	1,647,397	2,974	1,804,488	3,369	1,482,214	4,750	Calif., N. Mex., Ariz., Idaho.
Pyrites.....	long tons.	931,163	4,059	908,715	7,159	1,006,943	8,391	1,069,904	9,743	Tenn., Va., Calif., Colo.
Quartz from pegmatites and quartzite.....	long tons.	160,508	707	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	
Salt (common).....	1,000 short tons.	16,616	59,774	20,926	105,487	22,693	123,257	24,205	136,139	Mich., Tex., N. Y., La.
Sand and gravel.....	do.	367,304	292,559	556,160	953,283	951,683	953,510	924,697	955,101	Calif., Mich., Ill., Ohio.
Sand and sandstone (ground).....	short tons.	750,673	6,463	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	
Slate.....	do.	930,370	15,047	760,921	12,961	760,440	12,914	645,479	11,666	Ga., Vt., Pa., N. Y.
Sodium carbonate (natural).....	do.	351,073	7,544	527,282	13,536	613,594	15,001	652,891	17,400	Wyo., Calif., Oreg.
Sodium sulfate (natural).....	do.	186,337	2,199	249,701	3,890	284,549	5,381	329,607	6,328	Calif., Tex., Wyo.
Strontium.....	1,000 short tons.	250,814	387,147	406,196	909,445	947,272	702,142	950,396	971,876	Pa., Mich., Ohio, Tex.
Sulfur:										
Frasch-process mines.....	long tons.	5,504,714	104,000	5,328,040	142,014	5,820,300	163,156	5,675,913	150,356	Calif., Wash.
Other mines.....	do.	3,247	60	185,085	( <sup>1</sup> )	199,899	( <sup>1</sup> )	186,532	( <sup>1</sup> )	Tex., La.
Sulfur, recovered elemental.....	do.	81,713	1,985	399,950	11,209	459,021	12,585	503,314	14,241	Tex., Wyo., Calif., Ark.
Talc, pyrophyllite and soapstone.....	short tons.	620,750	12,621	618,994	3,493	726,708	4,517	739,039	4,859	N. Y., Calif., N. C., Ga.
Titanium-iron concentrate (non-titanium use).....	do.		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,350	7			
Tripoli.....	do.	43,720	1,174	41,625	459	47,392	213	45,009	203	Ill., Okla., Pa.
Vermiculite.....	do.	208,066	2,122	195,538	2,538	204,040	2,702	192,028	2,543	Mont., S. C.
Nonmetallic minerals, undistributed <sup>a</sup> .....	do.		8,707		22,589		30,805		40,778	
<b>Metals</b> .....										
Antimony ore and concentrate.....	short tons (antimony content).....	14,688	1,351,000	766	1,518,000	633	2,055,000	590	2,362,000	Idaho, Nev.
Bauxite.....	long tons (dried equivalent).....	1,324,527	7,663	1,964,896	16,403	1,788,341	14,543	1,749,344	13,973	Ark., Ala., Ga.
Beryllium concentrate.....	short tons (gross weight).....	359	171	669	304	300	288	460	237	S. Dak., Colo., N. Mex., N. H.
Chromite.....	do.	404	( <sup>1</sup> )	163	7,164	153,253	6,644	207,692	18,715	Mont., Oreg., Calif., Alaska.
Cobalt (content of concentrate).....	pounds.	690,025	( <sup>1</sup> )	2,219,396	( <sup>1</sup> )	2,438,546	( <sup>1</sup> )	3,657,491	3,462	Idaho, Mo., Pa.

See footnotes at end of table.

## No. 932.—MINERAL PRODUCTION AND PRINCIPAL PRODUCING STATES: 1950 TO 1956—Continued

[Value in thousands of dollars]

MINERAL	1950			1954			1955			1956		
	Quantity	Value		Quantity	Value		Quantity	Value		Quantity	Value	Principal producing States, in order of quantity
<b>Metals—Continued</b>												
Columbium-tantalum concentrate.....pounds.....	1,000	2		32,829	57		12,954	22		216,808	(1)	
Copper (recoverable content of ores, etc.).....short tons.....	909,337	378,284		835,472	492,929		998,570	744,833		1,366,215	940,283	Idaho, Maine, S. Dak., N. Mex.
Gold (recoverable content of ores, etc.).....troy ounces.....	2,104,959	73,674		1,337,310	64,306		1,880,152	65,803		1,831,765	64,112	Ariz., Utah, Mont., Nev.
Iron ore, usable (excluding byproduct iron sliver).....1,000 long tons (gross weight).....	97,151	483,368		76,126	525,518		105,237	745,602		96,730	747,665	S. Dak., Utah, Alaska, Calif.
Lead (recoverable content of ores, etc.).....short tons.....	430,678	116,283		325,419	89,165		333,025	100,731		352,826	110,787	Minn., Mich., Ala., Utah.
Manganese ore (36 percent or more Mn).....short tons.....	134,451	6,230		206,128	16,176		287,254	21,651		344,735	26,990	Mo., Idaho, Utah, Colo.
Manganiferous ore (5 to 35 percent Mn).....short tons.....	1,087,597	4,609		553,332	3,079		911,636	5,123		680,651	3,984	Nev., Mont., Ariz., Ark.
Manganiferous residuum.....do.....	183,842	(1)		214,931	(1)		130,370	(1)		130,129	(1)	Minn., N. Mex., Mont.
Mercury.....do.....	4,535	369		18,543	4,903		18,955	5,504		24,177	6,284	N. Mex., Nev., Idaho, Oreg.
Molybdenum (content of concentrate).....1,000 pounds.....	44,544	37,729		64,021	64,070		64,709	65,919		57,126	72,012	Calif., Nev., Idaho, Oreg.
Nickel (content of ore and concentrate).....short tons.....	42,406	38,390		36,941	33,434		37,198	33,666		38,948	35,250	Idaho, Utah, Ariz., N. Mex.
Silver (recoverable content of ores, etc.).....1,000 troy ounces.....	452,370	5,008		531,895	7,375		573,192	10,268		735,388	14,199	Idaho, Mont., Utah, Ariz.
Titanium concentrate:.....short tons (gross weight).....	(1)	(1)		7,805	870		9,182	1,122		12,065	1,749	N. Y., Fla., Va., Idaho.
Ilmenite.....do.....	4,807	8,157		13,691	51,433		16,412	60,841		14,737	51,201	
Rutile.....do.....	(1)	(1)		(1)	(1)		(1)	(1)		3,000,000	67,570	Nev., Calif., N. C., Mont.
Tungsten ore and concentrate.....short tons (60-percent WO <sub>3</sub> basis).....	623,369	178,667		6,051,784	(1)		6,571,655	(1)		7,735,088	(1)	N. Mex., Utah, Colo., Ariz.
Vanadium.....short tons.....	(1)	(1)		473,471	102,180		514,671	126,009		542,340	148,503	Idaho, Utah, Ariz., N. Mex.
Zinc (recoverable content of ores, etc.).....pounds.....	(1)	(1)		17,959	820		28,913	1,426		(1)	(1)	Mont., N. Y., Idaho, Tenn.
Zirconium concentrate.....do.....	(1)	(1)		10,250	38,880			40,596		45,242		Fla.
Metals, undistributed <sup>1</sup> .....												

<sup>1</sup> Includes small quantity of anthracite mined in States other than Pennsylvania.<sup>2</sup> Adjusted to eliminate duplication in the value of clays and stone.<sup>3</sup> Excludes sharpening stones, value included with "Nonmetallic minerals, undistributed."<sup>4</sup> Figure withheld to avoid disclosing individual company confidential data; value included with "Nonmetallic minerals, undistributed."<sup>5</sup> Weight not recorded.<sup>6</sup> Not available.<sup>7</sup> Excludes certain clays, value included with "Nonmetallic minerals, undistributed."<sup>8</sup> Quartz from pegmatites and quartzite included with stone.<sup>9</sup> Sand and sandstone (ground) included with sand and gravel or stone.<sup>10</sup> Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table.<sup>11</sup> Less than \$1,000.<sup>12</sup> Sold or used by producers. Quantity and value of ground material included.  
<sup>13</sup> Comprises value of items that cannot be disclosed: Apilite, brucite, calcium-magnesium chloride, certain clays, diatomite, iodine, kyanite, lithium minerals, olivine, sharpening stones, wollastonite, and values indicated by footnote reference 4.  
<sup>14</sup> Gross weight.<sup>15</sup> Figure withheld to avoid disclosing individual company confidential data, value included with "Metals undistributed."<sup>16</sup> Includes 45,710 short tons of concentrates produced in 1955 and 1956 from low-grade ore and concentrates stockpiled near Coquille, Oregon, during World War II.<sup>17</sup> Comprises value of items that cannot be disclosed: Magnesium concentrate for magnesium metal, platinum-group metals (crude), rare-earth metals concentrates, tin (1950-1956), and values indicated by footnote reference 14.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

**No. 933.—MINERAL PRODUCTION—VALUE, 1950 TO 1956, AND RANK AND PRINCIPAL MINERALS IN ORDER OF VALUE, 1956, BY STATES AND TERRITORIES**

[In thousands of dollars]

STATE OR TERRITORY	1950	1954	1955	1956		Principal minerals in order of value
				Value	Rank	
<b>Total</b> .....	<b>11,899,000</b>	<b>14,065,000</b>	<b>15,804,000</b>	<b>17,346,000</b>	-----	Petroleum, coal, natural gas, cement.
<b>N. E.</b> .....	<b>50,945</b>	<b>63,204</b>	<b>73,851</b>	<b>77,334</b>	-----	-----
Maine.....	7,461	10,716	12,991	12,179	45	Cement, sand and gravel, stone, slate.
N. H.....	1,711	2,112	2,605	3,436	48	Sand and gravel, stone, mica feldspar.
Vt.....	18,563	20,483	23,884	23,131	43	Stone, slate, asbestos, copper.
Mass.....	16,110	18,851	22,109	25,085	41	Stone, sand and gravel, lime, clays.
R. I.....	1,425	1,461	1,834	1,627	49	Sand and gravel, stone, graphite.
Conn.....	5,675	9,581	10,428	11,876	46	Stone, sand and gravel, lime, clays.
<b>M. A.</b> .....	<b>1,389,613</b>	<b>1,165,327</b>	<b>1,244,312</b>	<b>1,390,162</b>	-----	-----
N. Y.....	156,585	192,738	216,907	237,016	18	Cement, iron ore, stone, sand and gravel.
N. J.....	46,816	47,044	57,495	64,279	34	Stone, sand and gravel, iron ore, magnesium compounds.
Pa.....	1,186,212	925,545	969,910	1,088,867	4	Coal, cement, stone, petroleum.
<b>E. N. C.</b> .....	<b>1,201,235</b>	<b>1,266,331</b>	<b>1,486,598</b>	<b>1,603,879</b>	-----	-----
Ohio.....	274,572	293,659	340,457	375,488	15	Coal, stone, cement, lime.
Ind.....	166,632	165,369	183,479	195,674	21	Coal, cement, petroleum, stone.
Ill.....	488,144	473,077	533,062	572,321	7	Petroleum, coal, stone, sand and gravel.
Mich.....	230,194	279,940	363,787	394,536	14	Iron ore, cement, copper, salt.
Wis.....	41,693	54,286	65,813	65,860	33	Stone, sand and gravel, iron ore, zinc.
<b>W. N. C.</b> .....	<b>911,497</b>	<b>1,093,629</b>	<b>1,326,048</b>	<b>1,391,683</b>	-----	-----
Minn.....	331,567	351,474	501,151	501,027	9	Iron ore, sand and gravel, stone, cement.
Iowa.....	41,773	58,798	63,555	66,529	32	Cement, stone, sand and gravel, coal.
Mo.....	113,191	131,280	151,626	163,693	33	Lead, cement, stone, lime.
N. Dak.....	9,614	22,223	44,123	53,554	26	Petroleum, coal, sand and gravel, natural-gas liquids.
S. Dak.....	32,716	37,874	40,526	41,797	37	Gold, sand and gravel, stone, cement.
Nebr.....	14,022	42,393	54,237	71,776	30	Petroleum, cement, sand and gravel, stone.
Kans.....	368,614	449,587	470,830	493,307	10	Petroleum, natural gas, cement, stone.
<b>S. A.</b> .....	<b>1,142,604</b>	<b>1,019,337</b>	<b>1,195,983</b>	<b>1,455,373</b>	-----	-----
Del.....	522	947	1,658	1,232	50	Sand and gravel, stone, clays.
Md.....	22,740	30,743	35,491	40,532	38	Stone, sand and gravel, cement, coal.
D. C.....	60	-----	-----	-----	-----	-----
Va.....	137,806	129,603	172,541	208,806	20	Coal, stone, cement, sand and gravel.
W. Va.....	829,633	636,311	755,512	935,074	5	Coal, natural gas, natural-gas liquids, stone.
N. C.....	26,338	41,651	41,210	39,985	39	Stone, tungsten concentrate, sand and gravel, mica.
S. C.....	11,394	17,744	20,197	21,342	44	Cement, clays, stone, sand and gravel.
Ga.....	43,394	55,828	60,417	67,912	31	Clays, stone, cement, sand and gravel.
Fla.....	70,717	106,510	108,957	140,490	24	Phosphate rock, stone, cement, titanium concentrate.
<b>E. S. C.</b> .....	<b>812,281</b>	<b>698,391</b>	<b>819,457</b>	<b>903,298</b>	-----	-----
Ky.....	459,956	327,503	391,068	443,168	12	Coal, petroleum, natural gas, stone.
Tenn.....	90,405	105,586	119,316	137,846	25	Coal, cement, stone, zinc.
Ala.....	158,975	154,639	186,453	189,186	22	Coal, cement, iron ore, stone.
Miss.....	102,945	110,563	122,620	133,098	27	Petroleum, natural gas, sand and gravel, cement.
<b>W. S. C.</b> .....	<b>4,014,800</b>	<b>5,510,712</b>	<b>5,993,858</b>	<b>6,385,459</b>	-----	-----
Ark.....	119,642	131,745	132,822	135,210	26	Petroleum, bauxite, sand and gravel, stone.
La.....	693,007	998,057	1,156,637	1,281,849	3	Petroleum, natural gas, natural-gas liquids, sulfur.
Okla.....	527,095	650,205	711,089	757,116	6	Petroleum, natural gas, natural-gas liquids, stone.
Texas.....	2,674,456	3,730,705	3,993,310	4,211,284	1	Petroleum, natural gas, natural-gas liquids, sulfur.
<b>Mt.</b> .....	<b>1,211,761</b>	<b>1,705,890</b>	<b>2,079,397</b>	<b>2,457,482</b>	-----	-----
Mont.....	103,625	126,412	166,993	213,728	19	Copper, petroleum, zinc, sand and gravel.
Idaho.....	79,320	69,689	68,513	75,178	29	Lead, zinc, silver, phosphate rock.
Wyo.....	177,744	281,306	297,752	316,897	17	Petroleum, clays, coal, sodium salts.
Colo.....	154,898	255,852	286,219	329,450	16	Petroleum, molybdenum, coal, cement.
N. Mex.....	210,294	373,519	436,494	513,303	8	Petroleum, potassium salts, copper, natural gas.
Ariz.....	207,406	254,479	378,277	485,751	11	Copper, cement, zinc, uranium.
Utah.....	229,906	255,495	331,929	396,942	13	Copper, coal, iron ore, uranium.
Nev.....	48,499	89,138	113,220	126,233	28	Copper, tungsten concentrate, manganese ore, sand and gravel.
<b>Pac.</b> .....	<b>1,126,971</b>	<b>1,515,195</b>	<b>1,555,583</b>	<b>1,650,939</b>	-----	-----
Wash.....	49,055	53,300	67,334	61,665	35	Cement, sand and gravel, stone, zinc.
Oreg.....	21,542	32,268	31,736	34,011	40	Sand and gravel, cement, stone, nickel.
Calif.....	1,056,374	1,429,627	1,456,513	1,555,263	2	Petroleum, cement, natural gas, natural-gas liquids.
Alaska.....	17,852	24,408	25,412	23,408	42	Gold, coal, sand and gravel, platinum-group metals.
Hawaii.....	19,627	3,596	3,592	6,972	47	Stone, sand and gravel, lime, pumice.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 934.—MINERAL PRODUCTION—INDEXES OF PHYSICAL VOLUME: 1947 TO 1957

[1947-49 average=100. See also *Historical Statistics, 1789-1945*, series G 6-8, for indexes on 1935-39 base]

YEAR	All minerals	MINERAL FUELS					METAL, STONE, AND EARTH MINERALS		
		Total	Coal			Crude oil and natural gas	Total	Metal mining	Stone and earth minerals
			Total	Anthracite	Bituminous				
1947.....	100	101	113	109	113	95	98	101	95
1948.....	106	106	108	109	108	105	104	105	104
1949.....	94	93	79	82	79	99	97	94	101
1950.....	105	103	92	84	93	109	111	108	114
1951.....	115	114	94	82	96	123	121	116	127
1952.....	114	113	83	78	84	128	115	108	123
1953.....	116	115	78	57	81	133	119	113	124
1954.....	111	113	67	52	70	134	106	90	123
1955.....	122	123	80	48	85	143	120	110	130
1956.....	129	129	85	55	90	150	127	114	141
1957.....	128	128	83	49	88	150	129	116	143

Source: Board of Governors of the Federal Reserve System. *Federal Reserve Bulletin*.

## No. 935.—RAW MATERIALS PRODUCTION, IMPORTS, EXPORTS, AND APPARENT CONSUMPTION, VALUE IN CONSTANT DOLLARS: 1900 TO 1952

[In millions of 1935-39 dollars]

ITEM AND YEAR	All raw mate- rials <sup>1</sup>	AGRICULTURAL MATERIALS			Fishery and wildlife prod- ucts	Forest prod- ucts	MINERALS			
		Total	Foods	Non- foods			Total <sup>1</sup>	Metallic ores <sup>1</sup>	Mineral fuels	Other min- erals
<b>Production:</b>										
1900.....	8,620	6,259	4,829	1,430	107	1,258	996	189	699	108
1910.....	10,481	7,131	5,529	1,602	113	1,347	1,890	327	1,356	207
1920.....	12,133	8,278	6,416	1,862	102	1,161	2,592	399	1,941	252
1930.....	13,070	8,825	7,270	1,555	145	994	3,106	387	2,308	411
1940.....	14,793	9,920	8,082	1,838	149	957	3,767	507	2,763	497
1950.....	18,689	12,190	10,050	2,140	157	1,100	5,242	572	3,788	852
1951.....	19,721	12,633	10,468	2,165	152	1,115	5,821	647	4,192	982
1952.....	20,284	13,200	10,630	2,570	145	1,139	5,800	628	4,144	1,028
<b>Imports:</b>										
1900.....	490	314	189	125	44	17	115	91	4	20
1910.....	749	463	253	210	68	33	185	144	5	36
1920.....	1,260	792	428	364	66	51	351	200	120	31
1930.....	1,405	900	510	390	93	79	333	175	118	40
1940.....	1,647	965	493	472	115	68	499	370	93	36
1950.....	2,274	1,089	584	505	122	140	923	514	334	75
1951.....	2,129	1,020	575	445	116	137	856	436	337	83
1952.....	2,279	1,015	570	445	115	127	1,022	561	381	80
<b>Exports:</b>										
1900.....	1,284	1,074	510	564	27	43	140	89	47	4
1910.....	951	650	186	464	39	49	213	130	77	6
1920.....	1,470	1,074	635	439	33	35	328	137	176	15
1930.....	1,316	848	359	489	32	58	378	152	206	20
1940.....	893	455	173	282	30	34	374	170	181	23
1950.....	1,352	1,020	541	479	22	28	312	92	178	42
1951.....	1,773	1,276	816	460	27	31	439	107	290	42
1952.....	1,538	1,066	689	377	23	24	425	117	269	39
<b>Apparent consumption:<sup>2</sup></b>										
1900.....	7,826	5,499	4,508	991	124	1,232	971	191	656	124
1910.....	10,279	6,944	5,596	1,348	142	1,331	1,862	341	1,284	237
1920.....	11,923	7,996	6,209	1,787	135	1,177	2,615	462	1,885	268
1930.....	13,159	8,877	7,421	1,456	206	1,015	3,061	410	2,220	431
1940.....	15,547	10,430	8,402	2,028	234	991	3,892	707	2,675	510
1950.....	19,551	12,259	10,093	2,166	257	1,212	5,853	904	3,944	915
1951.....	20,077	12,377	10,227	2,150	241	1,221	6,238	976	4,239	1,023
1952.....	21,025	13,149	10,511	2,638	237	1,242	6,397	1,072	4,256	1,069

<sup>1</sup> Excludes gold. <sup>2</sup> Represents "production" plus "imports," minus "exports."Source: Department of Commerce, Bureau of the Census; *Raw Materials in the United States Economy: 1900-1952* (Working Paper No. 1).



No. 936.—NET SUPPLY OF PRINCIPAL MINERALS AND COMPONENTS OF GROSS SUPPLY, 1955 AND 1956; AND PERCENTAGE DISTRIBUTION OF IMPORTS BY COUNTRY GROUP OF ORIGIN, 1956

In thousand short tons unless otherwise stated. Net supply is the sum of primary shipments, secondary production, and imports, minus exports. Gross supply is the total before subtraction of exports. Import figures represent those used in calculating net supply<sup>1</sup>

COMMODITY	NET SUPPLY		GROSS SUPPLY: PERCENT FROM—				IMPORTS FOR CONSUMPTION, 1956: PERCENT FROM—						
	1955	1956	Primary shipments		Secondary production		Imports		Canada and Mexico	East and South Pacific <sup>1</sup>	Other Western Hemisphere	Other free world	U. S. S. R. bloc
			1955	1956	1955	1956	1955	1956					
Ferrous ores, scrap, and metals:													
Chromite (Cr <sub>2</sub> O <sub>3</sub> content)	826	710	7	12	—	—	—	88	( <sup>2</sup> )	3	2	95	—
Cobalt (content) <sup>3</sup>	21,685	19,629	11	19	2	—	—	87	79	—	—	91	—
Iron (equivalent) <sup>3</sup>	117,800	117,800	54	49	32	23	—	14	18	—	35	8	—
Manganese (content)	1,200	1,246	20	19	—	—	—	480	481	11	19	71	—
Molybdenum (content)	50,030	38,543	100	100	—	—	—	( <sup>2</sup> )	—	—	—	—	—
Nickel (content)	154	159	3	5	—	5	—	—	90	—	12	10	—
Tungsten ore and concentrate (W content)	18,140	17,385	43	40	—	—	—	92	—	—	—	—	—
Other metallic ores, scrap, and metals:													
Aluminum (equivalent) <sup>3</sup>	1,809	1,914	622	19	4	—	—	57	60	11	35	20	34
Antimony (recoverable content) <sup>3</sup>	35	35	5	5	58	60	4	774	777	713	85	72	—
Cadmium (content) <sup>3a</sup>	4,787	6,218	30	24	3	—	—	337	335	117	—	47	—
Copper (content)	1,875	2,019	48	49	25	25	—	67	76	111	—	11	—
Lead (content)	1,228	1,252	27	28	37	36	—	27	25	51	3	16	—
Mercury	48,888	76,263	1239	131	20	6	—	36	37	29	48	2	20
Platinum-group metals	1,068	1,119	2	2	9	9	—	41	61	24	1	—	—
Tin (content) <sup>3</sup>	1,104	96	( <sup>2</sup> )	—	19	18	—	92	89	28	3	65	4
Titanium concentrate: Ilmenite and slag (TiO <sub>2</sub> content)	526	622	57	62	—	—	—	81	82	( <sup>2</sup> )	11	88	—
Zinc (recoverable content)	1,182	1,299	43	41	7	6	—	43	38	59	2	41	—
Nonmetallic minerals:													
Asbestos	782	727	6	6	—	—	—	50	53	66	—	14	—
Barite, crude	1,468	1,883	75	69	—	—	—	94	94	92	3	7	( <sup>2</sup> )
Clays	48,027	50,552	100	100	—	—	—	25	31	76	—	16	—
Fluorspar, finished	642	815	43	40	—	—	—	( <sup>2</sup> )	—	—	—	—	—
Gypsum, crude	14,431	14,281	1272	70	—	—	—	57	60	72	—	23	—
Mica (except scrap)	14,137	12,829	4	7	—	—	—	28	30	96	4	( <sup>2</sup> )	—
Potash (K <sub>2</sub> O equivalent)	2,067	2,085	92	92	—	—	—	96	93	( <sup>2</sup> )	18	81	18
			8	8	—	—	—	8	8	( <sup>2</sup> )	6	76	18

<sup>1</sup> West coast of South America (Salvador, Chile, Bolivia, Peru, and Ecuador), New Zealand, New Caledonia, and Australia.

<sup>2</sup> Less than 0.5 percent. <sup>3</sup> Includes iron ore, pig iron, and scrap. <sup>4</sup> General imports.

<sup>5</sup> Includes 80 percent of bauxite mine production (rather than shipments) and imports and 92 percent of alumina imports, both converted to estimated aluminum equivalent.

<sup>6</sup> Mine production of bauxite.

<sup>7</sup> Includes inert equivalent (weight times 0.9) of imports of scrap, largely scrap pig.

<sup>8</sup> Includes recovery in antimonial lead from foreign silver and lead ores.

<sup>9</sup> Excludes antimony from foreign silver and lead ores.

<sup>10</sup> Primary shipments are estimated as a percentage of total primary production of metal, while imports are represented by the sum of the remaining percentage of such production plus imports of metal.

<sup>11</sup> Metal and fine dust only. <sup>12</sup> Primary production.

<sup>13</sup> Estimated by adjusting production, excluding byproduct, for changes in producers' stocks.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

[In thousands, except number of employees and workers. For 1939 excludes

MINERAL INDUSTRY	VALUE OF SHIPMENTS <sup>1</sup>		ALL EMPLOYEES			
			Number <sup>2</sup>		Payroll <sup>3</sup>	
	1939	1954	1939	1954	1939	1954
1 All industries.....	\$3,407,239	\$14,906,583	<sup>9</sup> 841,044	785,708	<sup>9</sup> \$1,158,079	\$3,385,722
2 Metal mining.....	539,784	<sup>8</sup> 1,506,238	<sup>10</sup> 100,135	100,250	<sup>10</sup> 153,917	463,025
3 Iron ores.....	150,871	547,718	22,651	34,170	35,326	155,909
4 Copper ores.....	<sup>11</sup> 145,590	<sup>11</sup> 508,728	26,752	27,813	42,564	180,065
5 Lead and zinc ores.....	<sup>11</sup> 72,648	<sup>11</sup> 175,947	17,725	16,566	25,337	71,503
6 Lead ores.....	(12)	4,581	(12)	578	(12)	2,215
7 Zinc ores.....	(12)	11,061	(12)	1,922	(12)	5,283
8 Lead-zinc ores.....	(12)	150,705	(12)	14,066	(12)	60,805
9 Gold and silver ores.....	142,261	46,581	27,586	4,831	45,088	20,618
10 Lode gold.....	92,042	28,517	19,254	3,020	31,375	12,209
11 Placer gold.....	28,027	5,916	3,705	556	6,794	2,811
12 Silver ores.....	21,292	12,148	4,627	1,255	6,919	3,038
13 Bauxite.....	2,527	16,819	827	852	819	3,581
14 Ferro-alloy ores, excl. vanadium.....	19,757	153,671	2,493	8,078	3,996	38,535
15 Manganese ores.....	945	<sup>11</sup> 32,398	545	2,604	567	9,292
16 Tungsten ores.....	3,354	<sup>11</sup> 60,737	844	2,987	1,368	14,738
17 Molybdenum, chromium, cobalt, and nickel ores.....	16,458	60,536	1,104	2,487	2,061	14,485
18 Metal mining contract services.....	2,368	38,679	695	3,059	985	15,268
19 Miscellaneous metal ores.....	3,761	<sup>8</sup> 18,594	1,339	4,881	1,708	20,686
20 Anthracite mining.....	201,126	408,431	88,592	37,462	120,050	135,529
21 Anthracite.....	<sup>11</sup> 189,648	<sup>11</sup> 365,536	85,713	32,769	115,890	118,070
22 Anthracite stripping contract services.....	10,936	42,048	2,646	4,556	3,915	17,380
23 Anthracite contract services, excl. strip mining.....	542	847	233	137	275	479
24 Bituminous coal and lignite mining.....	731,427	2,068,183	390,778	218,833	476,676	874,305
25 Bituminous coal.....	<sup>11</sup> 727,358	<sup>11</sup> 2,040,200	388,955	216,813	474,747	865,649
26 Lignite.....	3,457	10,337	1,595	574	1,603	2,588
27 Bituminous coal and lignite mining contract services.....	612	17,596	228	1,446	326	6,068
28 Crude petroleum and natural gas extraction.....	1,659,831	9,341,539	186,150	315,735	318,382	1,462,443
29 Crude petroleum, natural gas, and natural gas liquids.....	1,472,292	7,710,519	140,388	189,846	253,163	920,797
30 Crude petroleum.....	1,375,954	{ 6,642,452 }	{ 136,051 }	{ 161,282 }	234,899	{ 790,940 }
31 Natural gas.....						
32 Natural gasoline.....						
33 Cycle condensate.....	96,338	{ 11 507,635 }	10,337	{ 15,045 }	18,264	{ 73,359 }
34 Oil- and gas-field contract services.....	187,539	1,631,020	39,762	125,889	65,219	541,646
35 Nonmetallic minerals, excl. fuels, mining.....	275,071	1,582,192	147,955	113,428	<sup>14</sup> 87,963	450,020
36 Dimension stone <sup>15</sup> .....	6,356	18,945	2,890	3,224	3,007	8,625
37 Crushed and broken stone <sup>16</sup> .....	79,606	465,254	26,575	37,404	29,213	145,196
38 Sand and gravel <sup>17</sup> .....	79,403	466,015	19,777	36,466	25,215	147,313
39 Clay, ceramic, and refractory minerals <sup>18</sup> .....	18,376	103,768	7,936	8,232	6,992	26,504
40 Natural abrasives, excl. sand.....	1,335	4,474	443	285	479	1,161
41 Chemical and fertilizer mineral mining.....	74,090	457,586	12,231	21,609	17,270	99,391
42 Barite.....	2,065	18,269	854	1,125	752	3,874
43 Fluorspar.....	3,398	<sup>11</sup> 15,461	1,396	1,260	1,362	4,866
44 Potash, soda, and borate minerals.....	17,031	107,757	2,438	6,322	4,756	33,439
45 Phosphate rock.....	12,286	<sup>11</sup> 117,976	3,754	5,440	3,729	21,529
46 Rock salt.....	6,896	35,658	1,561	1,925	1,974	8,571
47 Sulfur.....	31,812	140,685	2,024	4,095	4,456	21,186
48 Chemical and fertilizer mineral mining, not elsewhere classified.....	602	21,780	204	1,442	241	15,926
49 Nonmetallic minerals, excl. fuels, contract services.....	966	6,571	335	639	368	2,327
50 Misc. nonmetallic minerals, excl. fuels.....	14,939	59,579	4,669	5,569	5,193	19,503

<sup>1</sup> Represents value of shipments of primary and secondary products of the industry and amount received for contract services performed for other establishments. Figures for 1939 represent value of production.

<sup>2</sup> Excludes proprietors and firm members of unincorporated concerns.

<sup>3</sup> Gross earnings paid to all employees on payroll.

<sup>4</sup> Represents employees up through the working foreman level engaged in manual work.

<sup>5</sup> Excludes paid vacations, holidays, and sick leave; includes actual overtime hours, not straight-time equivalent hours.

<sup>6</sup> Computed by subtracting cost of supplies, minerals received for preparation, fuel, electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures. For 1939, comparable data not available for capital expenditures or for cost of purchased machinery and equipment.

<sup>7</sup> Represents horsepower of all prime movers plus horsepower of electric motors driven by purchased energy.

<sup>8</sup> Excludes figures for uranium-radium-vanadium ores industry (not available).

<sup>9</sup> Includes statistics for employees at central offices not classified by industry.

<sup>10</sup> Includes statistics for nonproducing metal mining establishments not classified by industry.

## SUMMARY: 1939 AND 1954

establishments with value of production and with expenditures less than \$2,500; for 1954, less than \$500]

PRODUCTION AND DEVELOPMENT WORKERS <sup>4</sup>						VALUE ADDED IN MINING <sup>5</sup>		Capital expenditures, 1954	AGGREGATE HORSEPOWER <sup>7</sup>		
Number		Man-hours <sup>5</sup>		Wages					1939	1954	
1939	1954	1939	1954	1939	1954	1939	1954				
759,452	647,141	1,257,713	1,248,898	\$955,207	\$2,572,297	\$2,640,535	\$11,546,418	\$2,723,756	13,885	40,711	1
<sup>10</sup> 89,791	81,896	<sup>10</sup> 190,834	168,346	<sup>10</sup> 127,111	353,303	417,024	<sup>8</sup> 1,075,519	221,067	<sup>10</sup> 2,263	5,113	2
20,377	28,216	38,513	53,288	27,431	119,688	133,391	435,668	84,978	600	1,795	3
23,844	21,544	51,241	46,676	34,486	98,491	108,494	334,876	82,210	753	1,545	4
15,731	13,592	32,481	27,554	20,253	53,676	47,310	107,409	11,520	353	749	5
( <sup>12</sup> )	475	( <sup>12</sup> )	903	( <sup>12</sup> )	1,726	( <sup>12</sup> )	3,415	575	( <sup>12</sup> )	29	6
( <sup>12</sup> )	1,308	( <sup>12</sup> )	2,383	( <sup>12</sup> )	4,406	( <sup>12</sup> )	7,733	2,339	( <sup>12</sup> )	64	7
( <sup>12</sup> )	11,809	( <sup>12</sup> )	24,268	( <sup>12</sup> )	47,544	( <sup>12</sup> )	96,261	8,606	( <sup>12</sup> )	556	8
25,075	4,200	58,665	9,363	38,953	17,406	104,798	35,354	3,747	445	212	9
17,591	2,634	41,522	5,894	27,304	10,406	66,523	21,884	2,177	201	112	10
3,228	601	8,088	1,255	5,632	1,997	21,935	3,614	504	110	64	11
4,256	1,065	9,055	2,214	6,017	5,003	16,340	9,566	1,066	44	36	12
727	661	1,176	1,288	578	2,529	1,965	12,827	310	13	49	13
2,168	6,838	4,686	15,122	3,096	31,330	16,405	107,399	15,519	66	368	14
504	2,266	959	4,293	483	7,643	706	18,118	3,264	5	106	15
701	2,635	1,639	6,327	1,114	13,148	2,427	40,744	6,326	15	156	16
963	1,937	2,088	4,502	1,499	10,539	13,272	48,537	5,929	36	107	17
637	2,863	1,344	6,519	853	13,933	1,822	26,703	2,400	23	152	18
1,182	3,982	2,622	6,536	1,390	16,250	2,837	<sup>8</sup> 15,283	20,383	19	242	19
83,112	33,026	124,462	48,266	107,798	113,932	154,023	196,835	10,494	1,092	1,506	20
80,429	28,823	120,085	42,061	104,378	98,678	146,418	167,090	7,884	1,019	1,072	21
2,461	4,074	4,038	6,038	3,166	14,809	7,126	29,079	2,537	71	433	22
222	129	339	167	254	445	479	666	73	2	1	23
370,944	199,655	545,702	325,769	432,188	764,863	610,674	1,418,384	118,811	3,373	6,332	24
309,265	197,819	542,310	322,410	430,664	757,175	607,318	1,396,774	115,761	3,344	6,093	25
1,480	505	3,027	901	1,384	2,177	2,879	9,093	639	21	75	26
199	1,331	365	2,468	240	5,511	477	12,517	2,411	8	164	27
148,996	235,483	265,028	491,718	220,435	976,595	<sup>13</sup> 1,242,473	<sup>13</sup> 7,673,694	2,226,316	5,101	20,101	28
118,837	123,352	207,308	244,443	168,012	523,938	<sup>13</sup> 1,129,498	<sup>13</sup> 6,555,150	2,008,413	4,169	12,025	29
105,505	{ 101,542 8,250 }	190,674	{ 201,086 15,495 }	155,700	{ 430,497 29,458 }	1,071,989	{ 5,741,256 387,967 }	1,770,683	3,397	{ 8,636 487 }	30
8,332	{ 11,740 1,820 }	16,634	{ 24,119 3,743 }	13,212	{ 55,114 8,869 }	( <sup>13</sup> )	( <sup>13</sup> )	102,277	772	{ 2,536 366 }	31
35,159	112,131	57,720	247,275	61,523	452,657	( <sup>13</sup> )	1,118,544	217,903	932	8,076	32
<sup>14</sup> 66,609	97,081	<sup>14</sup> 131,687	214,799	<sup>14</sup> 67,675	363,604	216,341	1,181,986	147,068	<sup>14</sup> 2,056	7,659	33
2,725	3,068	5,216	5,893	2,659	7,938	5,283	15,155	947	59	94	36
24,110	33,124	46,973	75,559	23,652	122,499	59,356	337,611	44,943	834	2,779	37
16,959	30,533	35,795	70,103	18,822	118,966	61,935	356,729	46,087	699	3,210	38
7,233	7,463	12,805	15,377	5,429	22,490	14,423	78,449	9,062	85	361	39
383	251	797	524	346	932	1,115	3,681	398	5	14	40
10,586	17,295	21,062	36,418	12,230	73,324	61,683	340,520	37,641	276	928	41
792	1,036	1,439	2,403	597	3,451	1,652	14,051	1,012	10	68	42
1,287	997	2,568	2,001	1,134	3,451	2,656	9,914	749	21	49	43
2,049	4,738	4,388	9,381	3,445	23,028	13,330	82,213	9,056	61	195	44
3,372	4,579	6,680	10,119	2,871	17,089	9,003	62,089	11,338	113	357	45
1,380	1,659	2,608	3,861	1,434	7,117	5,721	30,013	2,186	23	47	46
1,517	3,077	3,031	6,229	2,545	14,619	28,893	124,166	8,845	45	159	47
189	1,209	348	2,424	204	4,569	458	18,074	4,455	3	62	48
307	614	632	1,258	320	2,214	725	4,884	381	18	38	49
4,126	4,733	8,064	9,667	4,029	15,241	11,821	44,957	7,609	75	238	50

<sup>11</sup> Represents gross shipments from these industries and contains duplication due to inclusion of shipments to other establishments in same industries for further processing.<sup>12</sup> Not available.<sup>13</sup> Partly estimated figures in specific industries included in totals.<sup>14</sup> Includes statistics for nonproducing nonmetallic minerals, except fuels, establishments not classified by industry.<sup>15</sup> Excludes data for dimension stone quarries operated in conjunction with dressing plants.<sup>16</sup> Excludes data for quarries included in establishments classified in manufacturing and wholesale trade industries.<sup>17</sup> For 1954, excludes data for sand and gravel mining in establishments classified in manufacturing and wholesale trade industries.<sup>18</sup> For 1954, excludes data for clay mining in clay products establishments classified in manufacturing industries.Source: Department of Commerce, Bureau of the Census; *Census of Mineral Industries: 1954*, Series MI final bulletins.

## No. 938.—IMPORTS AND EXPORTS OF PRINCIPAL MINERAL PRODUCTS: 1954 TO 1956

MINERAL	QUANTITY				VALUE (\$1,000)		
	Unit	1954	1955	1956	1954	1955	1956
<b>IMPORTS FOR CONSUMPTION</b>							
Fuels: Petroleum, crude.....	1,000 barrels.....	242,645	294,096	354,727	544,550	654,788	837,628
Nonmetallic minerals:							
Asbestos.....	Short tons.....	678,390	740,423	689,910	55,857	60,958	61,939
Diamonds:							
Gem.....	1,000 carats.....	1,482	1,774	1,870	122,182	151,632	162,012
Industrial.....	do.....	13,989	15,105	16,404	48,521	66,107	73,989
Mica.....	Short tons.....	8,924	16,490	13,609	8,710	11,269	11,752
Ores and concentrates:							
Bauxite.....	Long tons.....	5,258,530	5,225,188	6,075,051	36,289	36,656	44,414
Chromite.....	Short tons.....	1,470,068	1,832,879	2,175,057	34,197	38,063	49,350
Copper.....	Short tons of metal.....	120,471	112,519	83,282	66,053	73,353	60,436
Iron ore.....	1,000 long tons.....	15,793	23,476	30,412	119,463	177,473	250,496
Lead.....	Short tons of metal.....	197,167	156,877	196,182	48,306	38,272	51,666
Manganese ore.....	1,000 short tons.....	2,355	2,451	2,334	77,080	71,835	71,229
Nickel <sup>1</sup> .....	Short tons of metal.....	46,400	41,985	44,251	30,592	33,158	34,463
Tin.....	Long tons of metal.....	22,140	20,112	16,088	41,725	36,773	32,317
Tungsten.....	Short tons of metal.....	12,094	10,350	10,430	76,251	56,155	58,011
Metals (incl. scrap): <sup>2</sup>							
Aluminum.....	Short tons.....	230,095	218,503	242,393	88,248	91,088	110,906
Copper.....	do.....	219,934	214,938	197,315	129,250	163,211	161,496
Lead <sup>3</sup> .....	do.....	283,031	283,952	285,337	71,042	78,130	85,219
Nickel.....	do.....	97,707	109,868	107,013	124,454	149,618	153,883
Platinum group.....	Troy ounces.....	561,134	968,820	999,861	32,427	45,347	54,901
Tin <sup>4</sup> .....	Long tons.....	71,406	70,903	67,627	142,504	141,985	145,835
Zinc.....	Short tons.....	162,375	196,123	245,328	34,091	46,669	65,131
<b>EXPORTS</b>							
Fuels:							
Anthracite.....	1,000 short tons.....	2,851	3,152	5,244	51,699	48,429	73,535
Bituminous coal.....	do.....	31,041	51,277	68,553	252,621	436,559	658,537
Petroleum, crude.....	1,000 barrels.....	13,599	11,570	28,624	45,026	38,650	90,336
Nonmetallic minerals:							
Cement, hydraulic.....	do.....	1,859	1,795	1,981	6,652	7,067	7,292
Phosphate rock.....	Long tons.....	2,385,013	2,267,655	2,880,494	21,169	20,301	25,704
Potash material.....	Short tons.....	117,385	229,302	397,554	5,463	9,203	14,937
Sulfur <sup>5</sup> .....	1,000 long tons.....	1,645	1,636	1,675	50,362	51,161	50,082
Metals (incl. scrap): <sup>2</sup>							
Aluminum <sup>6</sup> .....	Short tons.....	43,382	24,259	53,947	14,676	9,274	27,236
Copper <sup>4</sup> .....	do.....	388,273	277,026	299,930	209,327	197,450	241,322
Iron and steel, scrap <sup>7</sup> .....	1,000 short tons.....	1,681	5,155	6,422	50,514	177,188	298,103
Molybdenum <sup>6</sup> .....	Short tons.....	17	11	18	37	19	21
Nickel <sup>9</sup> .....	do.....	12,818	19,317	15,116	8,939	14,099	15,263
Zinc <sup>6</sup> .....	do.....	42,139	39,889	23,928	7,556	6,501	4,081

<sup>1</sup> Includes matte and oxide.<sup>2</sup> Excludes semifabricated forms.<sup>3</sup> Includes alloys in chief value of lead.<sup>4</sup> Includes alloys in chief value of tin.<sup>5</sup> Includes crude (containing 85 percent or more sulfur), crushed, ground, refined, sublimed, and flowers.<sup>6</sup> Includes alloys.<sup>7</sup> Includes tin plated andterne plated scrap.

Source: Department of Commerce, Bureau of the Census.

No. 939.—EMPLOYMENT AND INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY  
GROUP: 1920 TO 1956

[Excludes data on petroleum, natural gas, sand and gravel, clay, nonmetallic ore-dressing plants, iron smelting, and steel industries. See also *Historical Statistics, 1789-1944*, series G 131-158]

ITEM	1920	1930	1940	1945	1950	1955 (prel.)	1956 (prel.)
<b>EMPLOYMENT</b>							
Men working daily <sup>1</sup> .....	1,095,063	888,514	801,926	637,220	719,862	480,864	454,950
Coal mines.....	784,621	644,006	533,267	437,921	483,239	257,827	238,693
Quarries <sup>2</sup> .....	86,488	80,633	79,509	58,180	85,730	75,980	78,701
All other mines.....	189,553	103,233	120,120	71,665	80,269	76,484	72,420
Coke plants.....	28,139	19,855	19,962	22,987	24,347	20,681	20,439
Metallurgical plants <sup>3</sup> .....	59,232	40,787	49,068	46,467	46,277	49,892	44,697
Average active days.....	249	217	219	271	221	243	249
Coal mines.....	230	192	190	259	189	206	216
Quarries <sup>2</sup> .....	267	255	240	264	272	275	272
All other mines.....	296	270	242	289	275	264	264
Coke plants.....	319	347	339	344	341	352	346
Metallurgical plants <sup>3</sup> .....	332	327	295	329	314	309	313
Man-days worked..... 1,000 days.....	272,526	192,525	175,065	172,672	159,442	117,005	113,192
Coal mines..... do.....	180,385	123,894	106,239	113,424	91,231	53,226	51,679
Quarries <sup>2</sup> ..... do.....	23,127	20,559	19,122	15,376	23,346	20,804	21,439
All other mines..... do.....	40,362	27,870	29,046	20,686	22,034	20,219	19,098
Coke plants..... do.....	8,976	6,881	6,774	7,915	8,292	7,279	7,077
Metallurgical plants <sup>3</sup> ..... do.....	19,676	13,321	14,484	15,268	14,639	15,417	13,999
Man-hours worked..... 1,000 hours.....	(4)	(4)	1,385,128	1,437,593	1,259,437	931,545	902,260
Coal mines..... do.....	1,451,162	1,102,902	840,416	958,591	711,390	416,989	404,723
Quarries <sup>2</sup> ..... do.....	216,465	186,502	147,244	127,168	180,635	170,808	175,424
All other mines..... do.....	(4)	(4)	230,728	165,908	175,221	162,050	153,610
Coke plants..... do.....	86,070	55,969	53,624	64,375	65,861	58,164	56,523
Metallurgical plants <sup>3</sup> ..... do.....	(4)	(4)	113,116	121,491	116,430	123,524	111,980
<b>INJURIES</b>							
Fatal.....	2,985	2,492	1,716	1,270	843	586	598
Coal mines.....	2,272	2,063	1,388	1,068	643	417	445
Quarries <sup>2</sup> .....	178	105	72	53	54	53	49
All other mines.....	425	271	223	112	108	97	81
Coke plants.....	49	28	15	18	14	9	10
Metallurgical plants <sup>3</sup> .....	61	25	18	19	29	10	13
Nonfatal.....	(4)	126,740	80,856	73,411	53,229	32,401	30,194
Coal mines.....	(4)	99,981	57,776	57,117	37,264	19,002	19,079
Quarries <sup>2</sup> .....	11,217	7,417	5,188	4,121	4,762	3,778	3,701
All other mines.....	32,562	15,594	14,766	8,067	7,849	6,950	5,858
Coke plants.....	3,415	1,022	544	835	780	325	301
Metallurgical plants <sup>3</sup> .....	8,863	2,726	2,582	3,271	2,574	2,346	1,755
Permanent.....	(4)	2,684	2,912	1,707	1,707	1,236	1,004
Coal mines.....	(4)	2,728	2,151	1,109	963	510	466
Quarries <sup>2</sup> .....	337	265	172	89	172	169	140
All other mines.....	357	503	423	310	300	334	271
Coke plants.....	79	32	22	34	31	34	43
Metallurgical plants <sup>3</sup> .....	149	156	144	165	241	189	84
<b>Injury rates per million man-hours:</b>							
Fatal.....	(4)	(4)	1.24	0.88	0.67	0.63	0.66
Coal mines.....	1.57	1.87	1.65	1.11	0.90	1.00	1.10
Quarries <sup>2</sup> .....	0.82	0.56	0.49	0.42	0.28	0.31	0.28
All other mines.....	(4)	(4)	0.97	0.68	0.58	0.60	0.53
Coke plants.....	0.57	0.50	0.28	0.28	0.21	0.15	0.18
Metallurgical plants <sup>3</sup> .....	(4)	(4)	0.16	0.16	0.25	0.08	0.12
Nonfatal.....	(4)	(4)	58.37	51.07	42.26	34.78	33.46
Coal mines.....	(4)	90.65	68.75	59.53	52.38	45.57	47.14
Quarries <sup>2</sup> .....	51.82	39.77	35.23	32.41	25.12	22.12	21.10
All other mines.....	(4)	(4)	64.00	48.62	44.54	42.89	34.88
Coke plants.....	39.68	18.26	10.14	12.97	11.84	5.59	5.33
Metallurgical plants <sup>3</sup> .....	(4)	(4)	22.83	26.92	22.11	18.99	15.67
<b>Injury rates per thousand 300-day workers, for all mines except coal mines and quarries:</b>							
Fatal.....	3.16	2.92	2.30	1.62	1.40	1.44	1.27
Nonfatal.....	242.02	167.86	152.51	116.66	106.87	103.12	84.17

<sup>1</sup> A average number of men at work each day mine was active. Because absenteeism and labor turnover are taken into consideration, this number is lower than number of men available for work as measured by a count of names on payroll.

<sup>2</sup> Includes manufacture of cement and lime.

<sup>3</sup> Metal ore-dressing plants and nonferrous reduction and refinery plants.

<sup>4</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and records.

## No. 940.—COAL—PRODUCTION, CONSUMPTION, IMPORTS, AND EXPORTS: 1920 to 1956

[Quantities in thousands of short tons, except as indicated; values in thousands of dollars. Includes coal consumed at mines. See also *Historical Statistics, 1789-1945*, series G 13-42]

ITEM	1920	1930	1940	1945	1950	1955	1956
<b>Total coal production:</b>							
Quantity.....	658,265	536,911	512,257	632,551	560,388	490,838	529,774
Value, total.....	2,564,185	1,150,057	1,084,817	2,092,148	2,892,772	2,298,480	2,648,789
<b>BITUMINOUS COAL <sup>1</sup></b>							
<b>Production:</b>							
Quantity.....	568,667	467,526	460,772	577,617	516,311	464,633	500,874
Value, total.....	2,129,933	795,483	879,327	1,768,204	2,500,374	2,092,383	2,412,004
Average per ton.....	3.75	1.70	1.91	3.06	4.84	4.50	4.82
<b>Exports:</b>							
Quantity.....	38,517	15,877	16,466	27,056	25,468	51,277	68,546
Value.....	304,273	59,186	60,832	147,954	206,545	( <sup>2</sup> )	( <sup>2</sup> )
<b>Imports:</b>							
Quantity.....	1,245	241	372	467	347	337	350
Value.....	6,734	1,135	1,501	2,294	2,369	( <sup>2</sup> )	( <sup>2</sup> )
Consumption.....	508,595	454,990	430,910	559,567	454,202	423,412	432,858
Number of mines.....	8,921	5,891	6,324	7,033	9,429	7,856	8,520
Average number of men employed <sup>3</sup> .....	639,547	493,202	439,075	383,100	415,582	225,093	228,163
Calculated capacity <sup>4</sup> (millions of net tons):							
At 308 days per year.....	796	770	703	682	867	681	721
At 280 days per year.....	725	700	639	620	790	620	655
At 261 days per year.....	675	653	595	578	734	577	611
Average number of days worked.....	220	187	202	261	183	210	214
Average tons per man:							
Per day.....	4.00	5.06	5.19	5.78	6.77	9.84	10.28
Per year.....	881	948	1,049	1,508	1,239	2,064	2,195
Percent underground production:							
Out by machines.....	60.7	81.0	88.4	90.8	91.8	88.1	84.6
Mechanically loaded.....		10.5	35.4	56.1	69.4	84.6	84.0
Percent total production:							
Mechanically cleaned.....	3.3	8.3	22.2	25.6	38.5	58.7	58.4
Mined by stripping.....	1.5	4.3	9.2	19.0	23.9	24.8	25.4
<b>ANTHRACITE (PA.) <sup>5</sup></b>							
<b>Production:</b>							
Quantity.....	89,598	69,385	51,485	54,934	44,077	26,205	28,900
Value, total.....	434,252	354,574	205,490	323,944	392,398	206,097	236,735
Average per ton.....	4.85	5.11	3.99	5.90	8.90	7.86	8.19
<b>Exports:</b>							
Quantity.....	5,404	2,552	2,668	3,691	3,892	3,152	5,244
Value.....	45,538	24,509	21,210	36,435	62,502	48,429	72,479
<b>Imports:</b>							
Quantity.....	32	675	135	( <sup>6</sup> )	18	( <sup>6</sup> )	( <sup>6</sup> )
Value.....	258	4,376	976	1	255	1	1
Consumption (apparent).....	85,786	67,628	49,000	51,000	39,900	23,600	24,000
Average number of men employed.....	145,074	150,804	91,313	72,842	72,624	733,523	31,516
Average number of days worked.....	271	208	186	269	211	7197	216
Average tons per man:							
Per day.....	2.28	2.21	3.02	2.79	2.83	73.96	4.25
Per year.....	618	460	562	751	597	7780	918
Quantity cut by machines.....	938	1,410	1,816	1,210	612	394	400
Quantity mined by stripping.....	2,054	2,536	6,353	10,056	11,834	7,704	8,354
Quantity loaded mechanically underground.....		4,468	12,326	13,928	12,336	6,661	7,308
World total, bituminous coal, lignite, and anthracite.....	1,453,948	1,558,668	1,983,057	1,494,734	1,997,388	2,352,800	2,482,100

<sup>1</sup> Data relate to mines having output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. Includes Alaska. <sup>2</sup> Not available.<sup>3</sup> Beginning 1950, average number of men working daily.<sup>4</sup> Capacity of active mines with existing labor force, derived on basis of average output per day.<sup>5</sup> Beginning 1945, production data include some bootleg coal purchased by anthracite industry for preparation and shipment to market. Data on employment, however, exclude such purchased coal, as complete employment data on "bootleg" holes are not available. Data after 1950 not strictly comparable with prior years.<sup>6</sup> Less than 500 tons. <sup>7</sup> Estimated. <sup>8</sup> Preliminary.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and annual bulletins.

## No. 941.—COAL—PRODUCTION, BY STATES: 1936 TO 1956

[In thousands of short tons. Includes coal consumed at mines]

STATE	1936- 1940, ave.	1941- 1945, ave.	1946- 1950, ave.	1951- 1955, ave.	1952	1953	1954	1955	1956
<b>Total quantity</b> -----	<b>468,860</b>	<b>636,037</b>	<b>595,972</b>	<b>496,725</b>	<b>507,423</b>	<b>488,240</b>	<b>420,739</b>	<b>490,838</b>	<b>529,774</b>
Anthracite (Pa.)-----	51,101	59,195	52,323	33,898	40,583	30,949	29,083	26,205	28,900
Bituminous and lignite.....	417,758	576,842	543,649	462,827	466,841	457,290	391,706	464,633	500,874
Alabama-----	12,020	17,783	16,278	12,176	11,383	12,532	10,282	13,088	12,663
Arkansas-----	1,387	1,821	1,459	762	873	775	477	578	590
Colorado-----	6,435	7,830	5,360	3,554	3,623	3,875	2,900	3,568	3,502
Illinois-----	48,367	68,442	60,034	46,781	45,790	46,010	41,971	45,932	48,102
Indiana-----	17,232	25,216	21,500	16,232	16,350	15,812	13,400	16,149	17,089
Iowa-----	3,376	2,669	1,752	1,371	1,381	1,388	1,197	1,258	1,358
Kansas-----	2,949	3,654	2,386	1,564	2,029	1,715	1,372	742	884
Kentucky-----	44,970	64,020	74,791	66,426	66,114	65,060	56,964	60,020	74,555
Maryland-----	1,496	1,854	1,406	528	588	530	422	512	609
Missouri-----	3,577	3,947	3,720	2,873	2,955	2,393	2,514	3,232	3,283
Montana-----	2,871	4,245	3,017	1,805	2,070	1,873	1,491	1,247	846
New Mexico-----	1,378	1,600	1,164	476	760	514	123	201	158
North Dakota-----	2,161	2,447	2,901	1,2,423	2,984	2,803	( <sup>1</sup> )	3,102	2,815
Ohio-----	22,188	32,190	35,458	35,847	36,029	34,737	32,469	37,870	38,934
Oklahoma-----	1,444	2,623	3,046	2,133	2,193	2,168	1,915	2,164	2,007
Pennsylvania-----	101,556	138,876	120,441	89,680	89,181	93,331	72,010	85,713	90,287
Tennessee-----	5,197	7,184	5,520	5,923	5,265	5,487	6,429	7,053	8,884
Utah-----	3,373	6,012	6,613	6,025	6,140	6,544	5,008	6,296	6,522
Virginia-----	13,324	19,121	17,190	20,399	21,579	19,119	16,387	23,508	28,063
Washington-----	1,744	1,641	1,020	724	690	619	619	610	473
West Virginia-----	112,932	154,335	151,153	138,858	141,713	134,105	115,996	139,168	155,891
Wyoming-----	5,617	8,664	6,889	4,704	6,088	5,245	2,831	2,927	2,553
Other States and Alaska-----	1,564	769	550	1,564	729	904	1,429	695	782

<sup>1</sup> North Dakota included with "Other States" in 1954 to avoid disclosure of individual operations.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*.

## No. 942.—CONSUMPTION OF BITUMINOUS COAL AND LIGNITE, BY CONSUMER CLASS, WITH RETAIL DELIVERIES: 1940 TO 1956

[In thousands of short tons]

YEAR	Total of classes shown	Electric power utilities <sup>1</sup>	Bunker, foreign and lake vessel <sup>2</sup>	Rail-roads (class I) <sup>3</sup>	MANUFACTURING AND MINING INDUSTRIES					Retail-dealer deliveries <sup>4</sup>
					Beehive coke plants	Oven coke plants	Steel and rolling mills <sup>4</sup>	Cement mills	Other <sup>4</sup>	
1940-----	430,910	49,126	2,989	85,130	4,803	76,583	14,169	5,559	107,864	84,687
1945-----	559,567	71,003	3,192	125,120	8,135	87,214	14,241	4,203	126,562	119,297
1949-----	445,538	80,610	2,056	63,123	5,354	85,852	10,529	7,966	96,629	88,389
1950-----	454,202	88,262	2,042	60,969	9,088	94,757	10,877	7,923	95,862	84,422
1951-----	468,904	101,858	2,220	54,005	11,418	102,030	11,260	8,507	103,188	74,378
1952-----	418,757	103,809	1,859	37,952	6,912	90,702	9,632	7,903	93,637	66,861
1953-----	426,798	112,283	1,839	27,735	8,225	104,648	8,764	8,167	95,160	59,976
1954-----	363,060	115,235	1,244	17,370	980	84,411	6,983	7,924	77,115	51,798
1955-----	423,412	140,550	1,499	15,473	2,899	104,508	7,353	8,529	89,611	53,020
1956-----	432,858	154,983	1,470	12,308	4,043	101,870	7,189	9,026	93,302	48,667

<sup>1</sup> Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke.<sup>2</sup> Bureau of the Census.<sup>3</sup> Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel.<sup>4</sup> Estimates based on reports collected from a selected list of representative manufacturing plants and retailers.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite and Weekly Coal Report*.

## No. 943.—COKE—SUMMARY: 1920 TO 1956

[See also *Historical Statistics, 1789-1945*, series G 43-56]

ITEM	1920	1930	1940	1945	1950	1955	1956
Production, total.....1,000 short tons..	51,345	47,972	57,072	67,308	72,718	75,302	74,454
Oven coke.....do.....	30,834	45,196	54,014	62,094	66,891	73,584	71,992
Percent of total.....do.....	60.1	94.2	94.6	92.3	92.0	97.7	96.7
Beehive coke.....1,000 short tons..	20,511	2,776	3,058	5,214	5,827	1,718	2,462
Value of products at plant, total.....\$1,000,000..	581	378	442	699	1,279	1,635	1,719
Beehive coke.....do.....	163	10	14	38	77	22	35
Oven coke.....do.....	313	200	260	470	900	1,200	1,274
All coal-chemical materials.....do.....	105	168	168	191	302	414	410
Average value per ton at plant.....dollars..	9.27	4.36	4.80	7.56	13.43	16.23	17.58
Coal charged.....1,000,000 short tons..	76.2	69.8	81.4	95.7	104.0	107.7	106.3
Value, average per ton.....dollars..	4.44	3.36	3.58	5.13	8.41	8.76	9.22
Yield of coke from coal.....percent..	67.4	68.7	70.1	70.4	69.9	69.9	70.1
Ovens in existence end of year.....number..	86,179	36,738	27,884	26,689	32,690	26,143	25,472
Coke (slot type).....do.....	10,881	12,831	12,734	14,510	14,982	16,039	15,923
Beehive.....do.....	75,298	23,907	15,150	12,179	17,708	10,104	9,549
Coke ovens under construction end of year (slot-type).....do.....	396	276	492	335	706	261	631
Exports.....1,000 short tons..	920	1,004	804	1,479	398	531	656
Imports.....do.....	41	133	113	52	438	126	131

¹ Beginning 1955, data based on market values and are not comparable to preceding years.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 944.—COKE—OVEN AND BEEHIVE PRODUCTION, BY STATES: 1920 TO 1956

[In thousands of short tons. Excludes screenings or breeze]

STATE	1920	1930	1935	1940	1945	1950	1955	1956
<b>OVEN</b>								
<b>Total</b> .....	<b>30,834</b>	<b>45,196</b>	<b>34,224</b>	<b>54,014</b>	<b>62,094</b>	<b>66,891</b>	<b>73,584</b>	<b>71,992</b>
Alabama.....	3,124	3,987	1,994	4,727	5,401	5,833	6,245	5,764
Colorado.....	517	879	207	544	659	805	789	749
Illinois.....	2,137	3,577	1,669	3,015	3,652	3,591	3,041	2,802
Indiana.....	4,554	4,985	3,768	6,413	7,814	8,256	9,482	8,920
Maryland.....	682	1,169	930	1,683	2,025	2,367	3,236	3,051
Massachusetts.....	488	863	1,006	1,130	1,149	855	551	608
Michigan.....	1,393	2,604	2,482	2,872	2,806	2,731	3,421	3,531
Minnesota.....	675	641	430	524	826	834	1,029	1,013
New Jersey.....	726	919	917	1,016	1,284	1,481	993	1,223
New York.....	1,040	3,850	4,099	5,080	5,790	5,412	4,035	3,825
Ohio.....	5,615	6,163	5,101	7,898	9,406	10,314	11,701	11,799
Pennsylvania.....	7,730	12,529	8,078	14,862	15,255	16,333	19,489	19,098
Utah.....	—	225	115	219	731	1,141	1,335	1,335
West Virginia.....	447	1,479	1,604	1,900	2,462	3,389	4,325	4,197
All other States.....	1,706	1,826	1,824	2,131	2,824	3,549	3,914	4,077
<b>BEEHIVE</b>								
<b>Total</b> .....	<b>20,511</b>	<b>2,776</b>	<b>917</b>	<b>3,058</b>	<b>5,214</b>	<b>5,827</b>	<b>1,718</b>	<b>2,462</b>
Alabama.....	890	—	—	—	—	—	—	—
Colorado.....	273	79	49	62	73	—	—	—
Kentucky.....	273	—	—	(¹)	74	49	38	(¹)
Ohio.....	87	—	—	—	—	—	—	—
Pennsylvania.....	15,908	2,011	564	2,550	4,584	5,193	1,314	2,006
Tennessee.....	163	25	3	5	—	—	—	—
Utah.....	(¹)	7	6	—	4	85	111	113
Virginia.....	1,028	220	138	198	191	198	141	166
West Virginia.....	1,381	422	155	233	288	302	114	104
All other States.....	509	12	2	1	—	—	—	73

¹ Included in "All other States."

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 945.—COAL—RESERVES, BY STATES: 1956

[In millions of short tons. As of January 1. Production from beginning of mining through 1955, except where noted]

STATE	ESTIMATED ORIGINAL RESERVES			RESERVES DEPLETED		Remaining reserves	Recoverable reserves <sup>2</sup>
	Total	Bituminous	Other	Total <sup>1</sup>	Production		
<b>Total</b> .....	<b>1,903,215</b>	<b>1,042,376</b>	<b>860,839</b>	<b>58,376</b>	<b>429,188</b>	<b>1,844,839</b>	<b>922,420</b>
Alabama.....	67,570	67,570	-----	1,790	895	65,780	32,890
Arkansas.....	1,716	1,396	320	192	96	1,524	762
Colorado.....	100,408	90,258	10,150	988	494	99,420	49,710
Illinois.....	137,321	137,321	-----	580	290	136,741	68,371
Indiana.....	37,293	37,293	-----	2,168	1,084	35,125	17,562
Iowa.....	29,160	29,160	-----	704	352	28,456	14,228
Kansas.....	20,774	20,774	(?)	622	11	20,762	10,376
Kentucky.....	123,327	123,327	-----	4,748	2,374	118,579	59,290
Maryland.....	1,200	1,200	-----	6	3	1,194	597
Missouri.....	79,362	79,362	-----	548	274	78,814	39,407
Montana.....	222,047	2,363	219,684	338	169	221,709	110,855
New Mexico.....	61,755	10,948	50,807	248	124	61,507	30,753
North Dakota.....	350,910	-----	350,910	172	86	350,738	175,369
Ohio.....	86,584	86,584	-----	3,816	1,908	82,768	41,384
Oklahoma.....	3,672	3,672	-----	344	172	3,328	1,664
Pennsylvania.....	97,898	75,093	22,805	26,198	13,099	71,700	35,850
South Dakota.....	2,033	-----	2,033	2	1	2,031	1,015
Tennessee.....	25,665	25,665	-----	720	360	24,945	12,473
Texas.....	31,000	8,000	23,000	124	62	30,876	15,438
Utah.....	93,340	88,184	5,156	472	236	92,868	46,434
Virginia.....	12,051	11,696	355	1,338	669	10,713	5,356
Washington.....	63,878	11,413	52,465	294	147	63,584	31,792
West Virginia.....	116,618	116,618	-----	11,640	5,820	104,978	52,489
Wyoming.....	121,554	13,235	108,319	788	394	120,756	60,383
Other States.....	16,079	1,244	14,835	136	68	15,943	7,972

<sup>1</sup> Assuming past mining losses equal production. <sup>2</sup> Assuming 50-percent recovery.<sup>3</sup> Comprises subbituminous (373,091 million tons), lignite (463,616 million tons), and anthracite and semianthracite (24,132 million tons). <sup>4</sup> Somewhat less than total recorded production (32,808 million tons). See footnote 6.<sup>5</sup> Remaining reserves, January 1, 1950.<sup>6</sup> Production, 1950 through 1955.<sup>7</sup> Estimate excluded because standards used not in accord with those employed elsewhere.<sup>8</sup> Includes Arizona, California, Georgia, Idaho, Michigan, North Carolina, and Oregon.<sup>9</sup> Includes Arizona, California, Louisiana, and Oregon.Source: Department of the Interior, Geological Survey; Circular No. 293, *Coal Resources of the United States* (as revised).

## No. 946.—CONSUMPTION OF FUEL OILS AND NATURAL GAS, BY MAJOR CONSUMER GROUPS: 1950 TO 1956

[Fuel oils in thousands of barrels of 42 gallons; natural gas in millions of cubic feet]

TYPE OF FUEL	Total	Rail-roads	Vessels	Gas and electric power plants	Smelters, mines, and manufactures	Space heating and cooking	Military	Oil and gas company fuel	Miscellaneous
<b>Distillate fuel oil:</b>									
1950.....	395,806	48,703	12,872	13,207	37,121	235,740	6,553	5,692	35,418
1952.....	479,210	68,002	17,213	8,350	42,760	279,826	9,044	7,976	45,939
1953.....	488,844	75,246	16,898	6,825	42,384	283,100	9,599	7,755	47,067
1954.....	526,245	77,389	15,663	6,070	41,589	320,117	8,752	7,099	46,065
1955.....	581,127	84,668	16,675	5,884	43,606	356,589	10,945	8,597	54,163
1956.....	615,775	89,439	18,487	5,403	44,949	377,262	11,326	10,131	58,778
<b>Residual fuel oil:</b>									
1950.....	554,208	60,878	92,947	93,062	148,111	72,716	28,333	53,263	4,898
1952.....	556,273	40,489	110,412	70,497	158,373	79,151	37,185	54,421	5,745
1953.....	564,729	28,477	114,324	85,362	166,748	81,824	30,435	51,243	6,326
1954.....	520,714	16,122	108,790	70,749	160,121	78,845	26,887	52,165	7,035
1955.....	556,983	15,018	115,128	75,966	173,080	86,282	28,368	53,887	9,804
1956.....	561,538	10,575	117,445	73,962	177,807	87,601	30,546	53,271	10,331
<b>Natural gas:</b>									
1950.....	6,026,404	-----	-----	1,628,919	2,672,082	1,586,207	-----	1,768,115	-----
1952.....	7,613,478	-----	-----	1,910,117	2,348,480	2,137,635	-----	2,227,363	-----
1953.....	7,979,338	-----	-----	1,034,272	2,503,091	2,216,153	-----	2,250,094	-----
1954.....	8,402,852	-----	-----	1,165,498	2,672,834	2,479,205	-----	2,250,813	-----
1955.....	9,070,343	-----	-----	1,153,280	2,939,012	2,753,171	-----	2,378,160	-----
1956.....	9,706,878	-----	-----	1,239,311	2,266,578	3,044,435	-----	2,395,865	-----

<sup>1</sup> Source: Federal Power Commission. Includes gas other than natural gas, therefore excluded from total.<sup>2</sup> Includes natural-gas component of gas used in gas and electric power plants.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 947.—NATURAL GAS—PRODUCTION, CONSUMPTION, AND VALUE: 1930 TO 1956

[See also *Historical Statistics, 1789-1945*, series G 59-61 for production and value figures]

ITEM	1930	1935	1940	1945	1950	1955	1956
Total marketed production.....bil. cu. ft..	1,943	1,917	2,060	3,919	<sup>1</sup> 6,282	<sup>1</sup> 9,405	<sup>1</sup> 10,082
Value (at wells) of gas produced.....mil. dol.	147	110	120	191	409	978	1,084
Average per 1,000 cu. ft.....cents.	7.6	5.8	4.5	4.9	6.5	10.4	10.8
Number of producing gas wells, Dec. 31.....	55,020	53,790	53,880	60,060	64,900	71,475	74,261
Total consumption.....bil. cu. ft..	1,942	1,910	2,655	3,900	6,026	9,070	9,707
Residential.....do.....	296	313	444	607	1,198	2,124	2,328
Commercial.....do.....	81	100	135	230	388	629	717
Industrial.....do.....	1,565	1,496	2,076	3,063	4,440	6,317	6,662
Value (at point of consumption) of gas consumed, total.....mil. dol.	416	428	577	834	1,604	3,626	4,025
Residential.....do.....	201	234	316	415	826	1,885	2,126
Commercial.....do.....	39	49	64	98	184	395	465
Industrial.....do.....	176	145	197	322	593	1,346	1,433
Average per 1,000 cu. ft.....cents..	21.4	22.4	21.7	21.4	26.6	40.0	41.5
Residential.....do.....	67.8	74.6	71.1	68.3	69.0	88.7	91.3
Commercial.....do.....	47.8	49.3	47.8	42.4	47.6	62.7	64.9
Industrial.....do.....	11.3	9.7	9.5	10.5	13.4	19.6	21.5
Number of consumers:							
Residential.....1,000.....	5,035	7,391	9,245	10,959	16,906	26,084	27,887
Commercial.....do.....	413	613	741	889	1,347	2,140	2,255
Industrial <sup>2</sup> .....do.....	21	36	41	46	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines.<sup>2</sup> Excludes oil- and gas-field operators.<sup>3</sup> Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 948.—NATURAL-GAS LIQUIDS—PRODUCTION AND VALUE: 1930 TO 1956

[See also *Historical Statistics, 1789-1945*, series G 62-64]

ITEM	1930	1935	1940	1945	1950	1955	1956
Total produced.....million gal..	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4,704	7,642	11,818	12,295
Natural gasoline and natural-gasoline mixtures.....million gal..	2,210	1,652	2,174	2,499	3,229	<sup>2</sup> 4,457	<sup>2</sup> 4,439
Liquefied petroleum gases.....do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,413	3,036	5,973	6,488
Other products.....do.....			166	792	1,378	1,388	1,368
Value at plants:							
Natural gasoline.....\$1,000.....	128,160	70,940	<sup>3</sup> 68,261	112,018	213,810	313,075	316,646
Liquefied petroleum gases.....do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	41,994	97,773	195,231	265,185
Other products.....do.....			( <sup>3</sup> )	33,552	108,022	110,700	115,312
Average value per gallon, all light products.....cents.....	4 5.8	4 4.3	4 2.9	4.0	5.5	5.2	5.7
Natural gas processed.....billion cu. ft..	2,089	1,822	2,471	3,654	5,342	8,186	8,590
Average yield, all light products gal. per 1,000 cu. ft..	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.29	1.43	1.44	1.43

<sup>1</sup> Not available.<sup>2</sup> Includes isopentane; included in LP-gases for prior years.<sup>3</sup> Other products included with natural gasoline.<sup>4</sup> Excludes LP-gases.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 949.—NATURAL GAS AND NATURAL-GAS LIQUIDS—PRODUCTION, BY STATES: 1930 TO 1956

[Gas in millions of cubic feet; natural-gas liquids in millions of gallons. Production figures for gas (except as noted) refer only to that used by the ultimate consumer, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost]

STATE	NATURAL GAS—MARKETED PRODUCTION					Natural gas reserves, 1956 <sup>1</sup>	NATURAL-GAS LIQUIDS PRODUCED		
	1930	1940	1950	1955	1956		1954	1955	1956
<b>Total</b> .....	1,943,421	2,660,222	2,628,060	2,940,351	2,10,081,923	237,774,569	10,590	11,818	12,295
Arkansas.....	18,585	14,379	48,047	32,123	30,162	1,171,527	109	105	98
California.....	334,789	351,950	558,398	538,178	504,458	8,751,233	1,319	1,291	1,287
Colorado.....	3,312	2,533	11,168	49,152	54,205	2,422,769	43	371	3106
Illinois.....	2,890	8,359	13,285	8,033	6,177	219,705	310	351	375
Kansas.....	37,630	90,003	364,024	471,041	526,091	17,566,257	207	211	196
Kentucky.....	28,023	53,056	73,316	73,214	73,687	1,245,602	218	224	284
Louisiana.....	278,341	343,191	831,771	1,680,032	1,886,302	45,053,999	957	1,073	1,079
Michigan.....	2,075	12,648	11,250	8,300	10,911	361,786	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Mississippi.....	179	6,365	114,153	163,167	185,137	2,403,326	43	35	36
Montana.....	10,060	26,231	39,186	28,255	25,847	696,351	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New Mexico.....	9,497	63,990	212,909	540,664	626,340	23,472,707	450	539	615
New York.....	9,624	12,187	3,336	3,637	4,098	85,249			
Ohio.....	63,304	40,639	43,163	33,766	25,368	853,607	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Oklahoma.....	348,116	257,626	482,360	614,976	678,603	13,775,049	932	1,017	1,069
Pennsylvania.....	88,706	90,725	91,137	99,172	104,508	776,212	6	5	5
Texas.....	517,880	1,063,538	3,126,402	4,730,798	4,999,889	112,728,750	5,716	6,438	6,696
West Virginia.....	144,180	188,751	189,980	212,403	204,717	1,561,737	184	323	277
Wyoming.....	43,219	27,346	62,062	77,819	84,398	3,235,932	93	86	99
Other States.....	2,921	6,705	6,113	40,631	51,025	1,392,771		48	73

<sup>1</sup> Estimated recoverable proved reserves. Offshore reserves included for California, Louisiana, and Texas. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.

<sup>2</sup> Comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines.

<sup>3</sup> Montana and Utah included with Colorado.

<sup>4</sup> Michigan and Ohio included with Illinois.

<sup>5</sup> Includes Nebraska and North Dakota.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 950.—PETROLEUM—RUNS TO STILLS AND REFINERY PRODUCTS, BY CLASS: 1930 TO 1957

[In thousands of barrels of 42 gallons]

PRODUCT	1930	1940	1945	1950	1955	1956	1957 (prel.)
<b>Input, total</b> .....	970,617	1,333,709	1,789,858	2,189,506	2,856,600	3,040,168	3,040,526
Crude petroleum, total.....	927,447	1,294,162	1,719,534	2,094,867	2,730,218	2,905,106	2,890,436
Domestic.....	866,615	1,252,364	1,645,862	1,918,854	2,446,533	2,563,655	2,529,672
Foreign.....	60,832	41,798	73,672	176,013	283,385	341,451	360,764
Natural gasoline.....	43,170	39,547	70,324	94,639	126,382	135,062	150,090
<b>Output, total</b> .....	970,617	1,333,709	1,789,858	2,189,506	2,856,600	3,040,168	3,040,526
Gasoline.....	432,241	597,375	774,460	998,093	1,331,628	1,396,787	1,415,335
Kerosene.....	49,208	73,882	81,024	118,512	117,137	112,480	1108,929
Distillate fuel oil.....	81,551	183,304	249,224	398,912	602,547	665,687	668,573
Residual fuel oil.....	290,947	316,221	469,492	425,217	420,331	426,699	415,656
Jet fuel.....					56,648	66,443	63,322
Lubricants.....	34,201	36,765	41,867	51,735	55,836	59,211	55,723
Wax (1 bbl.=280 lb.).....	1,956	1,833	2,921	4,462	5,293	5,367	5,461
Coke (5 bbl.=1 s. ton).....	9,895	7,633	10,115	17,224	28,337	31,095	33,466
Asphalt (5.5 bbl.=1 s. ton).....	18,194	29,406	39,196	58,240	83,121	90,636	85,683
Road oil.....	5,425	7,771	2,686	6,928	8,482	8,027	7,209
Still gas (1 bbl.=3,600 cu. ft.).....	5,377	75,950	103,458	83,743	116,506	121,993	125,720
Liquefied gases.....				29,083	43,615	51,962	53,437
Other finished products.....	2,377	3,202	19,080	4,717	10,806	112,493	115,816
Crude gasoline (net).....		902	2,489	243	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other unfinished oils (net).....	2,242	2,848	2,787	2,691	12,231	12,408	11,355
Shortage.....	37,003	3,313	6,954	4,712	412,356	415,704	415,159

<sup>1</sup> Unfinished oils, kerosene, distillate fuel oils, and miscellaneous oils produced at natural gasoline plants shown as direct "transfers" and omitted from the input and output at refineries.

<sup>2</sup> Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.

<sup>3</sup> Included in gasoline. <sup>4</sup> Negative quantity.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 951.—CRUDE PETROLEUM, REFINED PRODUCTS, AND NATURAL-GAS LIQUIDS— PRODUCTION AND STOCKS: 1920 TO 1957

[Barrels of 42 gallons. See also *Historical Statistics, 1789-1946*, series G 57-58]

ITEM	1920	1930	1940	1945	1950	1955	1956	1957 (prel.)
Crude petroleum:								
Domestic production.....mil. bbl.	443	898	1,353	1,714	1,974	2,484	2,617	2,617
Value at wells.....mil. dol.	1,361	1,070	1,385	2,094	4,968	6,870	7,263	(1)
World production.....mil. bbl.	689	1,412	2,144	2,595	3,808	5,634	6,125	(1)
U. S. proportion of world total.....percent.	64	64	63	66	52	44	43	(1)
Imports <sup>2</sup> .....mil. bbl.	106	62	43	74	178	285	342	373
Exports <sup>2</sup> .....do.	9	24	51	33	35	12	29	50
Stocks, end of period:								
Gasoline-bearing crude.....do.	149	409	265	219	248	266	266	282
California heavy crude.....do.	(3)	(3)	12	4				
Runs to stills.....do.	434	927	1,294	1,720	2,095	2,730	2,905	2,890
Average price per barrel at wells.....	\$3.07	\$1.19	\$1.02	\$1.22	\$2.51	\$2.77	\$2.77	(1)
Refined products:								
Imports <sup>2</sup> .....mil. bbl.	3	43	41	39	133	170	184	200
Exports <sup>2</sup> .....do.	70	133	79	150	76	123	129	155
Stocks, end of period <sup>4</sup> .....do.	3 60	254	281	236	327	436	494	538
Output of motor fuel.....do.	118	441	617	798	1,024	1,374	1,420	1,438
Yield of gasoline.....percent.	26.1	42.0	43.1	40.9	43.0	43.9	43.4	43.8
Completed refineries, end of year.....	415	435	556	393	357	318	319	(1)
Daily crude-oil capacity of refineries.....mil. bbl.	1.9	3.9	4.7	5.3	7.0	8.6	9.1	(1)
Average dealer's net price (excl. tax) of gasoline in 50 U. S. cities <sup>5</sup> cents per gal.	28.05	14.49	9.08	10.33	15.10	16.18	16.34	(1)
Natural-gas liquids: <sup>7</sup>								
Production.....mil. bbl.	9	53	56	112	182	281	293	294
Stocks, end of period.....do.	(1)	2	6	4	7	14	21	21

<sup>1</sup> Not available.<sup>2</sup> Excludes trade between Alaska, Hawaii, and Puerto Rico, and foreign countries. Exports include shipments from continental U. S. to Territories and possessions.<sup>3</sup> Figure for California heavy crude included in refined products.<sup>4</sup> Beginning 1952, new basis; not comparable with earlier years.<sup>5</sup> Excludes jet fuel.<sup>6</sup> American Petroleum Institute figures; prior to 1940, average tank-wagon prices.<sup>7</sup> For greater detail, see tables 948 and 949.

# No. 952.—PETROLEUM, CRUDE—PRODUCTION, 1941 TO 1957, AND RESERVES, 1950 AND 1957, BY STATES

[In thousands of barrels of 42 gallons]

STATE	PRODUCTION						PROVED RESERVES <sup>1</sup> (December 31)	
	1941- 1945, avg.	1946- 1950, avg.	1951- 1955, avg.	1955	1956	1957 (prel.)	1950	1957
U. S. <sup>2</sup> .....	1,537,209	1,865,325	2,338,809	2,484,428	2,617,283	2,616,778	25,268,000	30,300,405
Arkansas.....	27,717	30,220	29,284	28,369	29,355	30,597	342,000	304,959
California.....	280,210	329,694	357,955	354,812	350,754	339,668	3,734,000	3,759,754
Colorado.....	2,958	18,462	38,693	52,653	58,616	54,867	339,000	309,939
Illinois.....	94,710	66,619	65,516	81,423	82,346	78,278	564,000	654,746
Indiana.....	5,885	8,038	11,630	10,988	11,513	12,859	57,000	66,736
Kansas.....	96,447	104,542	116,976	121,669	124,204	121,705	732,000	947,484
Kentucky.....	7,425	9,592	12,873	15,618	17,628	16,879	56,000	138,040
Louisiana.....	123,196	177,009	250,082	271,010	299,421	323,199	2,185,000	3,857,669
Michigan.....	18,228	16,501	12,551	11,266	10,740	10,169	79,000	49,492
Mississippi.....	19,673	36,237	36,190	37,741	40,824	39,202	386,000	359,550
Montana.....	8,117	8,835	12,067	15,654	21,760	27,215	111,000	319,991
Nebraska.....			6,110	11,203	16,204	19,686		63,059
New Mexico.....	37,883	44,144	67,924	82,958	87,893	94,759	592,000	831,744
New York.....	5,002	4,563	3,691	2,904	2,748	2,677	59,000	37,533
North Dakota.....			4,785	11,143	13,495	13,642		268,221
Ohio.....	3,228	3,296	3,667	4,353	4,785	5,478	27,000	68,150
Oklahoma.....	136,492	149,305	193,708	202,817	215,862	215,111	1,397,000	1,941,521
Pennsylvania.....	15,384	12,317	10,173	8,531	8,230	8,179	106,000	126,490
Texas.....	616,884	811,726	1,015,829	1,053,297	1,107,808	1,083,812	13,582,000	14,555,140
West Virginia.....	3,261	2,777	2,724	2,320	2,179	2,215	39,000	52,545
Wyoming.....	33,304	49,660	82,527	99,483	104,830	106,616	841,000	1,419,718
All other.....	1,005	1,788	3,854	4,316	6,188	10,065	40,000	178,024

<sup>1</sup> Includes off-shore reserves of California, Louisiana, and Texas. Figures from *The Oil and Gas Journal*.<sup>2</sup> Includes quantities for States not shown separately.Source of tables 951 and 952: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 953.—OIL WELLS, NUMBER AND PRODUCTION, 1955 AND 1956, AND NUMBER OF OIL AND GAS WELLS DRILLED, 1956 AND 1957, BY STATES

STATE	PRODUCING OIL WELLS				WELLS DRILLED <sup>1</sup>					
	Approximate number, Dec. 31		Average production per well per day (barrels)		Oil <sup>2</sup>		Gas		Dry <sup>3</sup>	
	1955	1956	1955	1956	1956	1957	1956	1957	1956	1957
<b>Total</b> .....	524,010	551,170	13.2	13.2	31,158	28,164	4,115	3,912	22,887	21,762
Arkansas.....	4,610	5,225	17.2	16.3	657	709	13	21	332	384
California.....	34,769	35,990	28.8	27.1	1,690	1,555	51	53	575	630
Colorado.....	1,940	2,150	78.2	78.2	251	144	107	91	864	620
Illinois.....	29,600	31,400	7.5	7.4	1,674	1,065	63	19	2,071	1,602
Indiana.....	4,020	4,405	7.3	7.4	288	263	7	14	446	477
Kansas.....	35,177	37,570	9.0	9.2	2,240	1,913	381	333	2,320	1,986
Kentucky.....	17,800	18,660	2.5	2.6	795	511	165	164	976	820
Louisiana.....	15,800	20,905	42.7	41.2	2,082	2,022	401	380	1,892	1,454
Michigan.....	4,034	4,191	7.5	7.1	202	180	12	47	223	228
Mississippi.....	2,539	2,374	45.8	47.3	145	132	5	3	291	251
Montana.....	3,414	3,584	12.6	17.0	234	189	7	15	254	229
Nebraska.....	790	825	45.8	54.8	301	291	1	2	616	593
New Mexico.....	8,640	9,415	27.7	26.6	861	1,113	674	606	369	410
New York.....	20,100	19,070	0.4	0.4	222	208	14	5	276	230
North Dakota.....	570	789	59.3	54.2	164	175	-----	1	99	140
Ohio.....	14,195	14,385	0.8	0.9	572	593	178	201	336	321
Oklahoma.....	69,030	70,075	8.2	8.4	4,825	3,536	321	234	2,910	2,465
Pennsylvania.....	72,525	71,080	0.3	0.3	260	302	236	202	252	239
Texas.....	159,850	178,095	18.4	17.9	13,082	12,029	894	881	7,543	7,842
West Virginia.....	12,500	12,770	0.5	0.5	73	88	506	466	114	126
Wyoming.....	6,900	7,190	40.4	40.5	448	361	52	46	430	456
Other States.....	366	422	33.2	42.4	102	185	27	38	198	259

<sup>1</sup> Figures from *The Oil and Gas Journal*.

<sup>2</sup> Includes condensate wells.

<sup>3</sup> Includes service wells.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 954.—PETROLEUM ASPHALT AND ROAD OIL—SUPPLY, DISTRIBUTION, STOCKS, AND SALES: 1945 TO 1957

[In thousands of short tons]

ITEM	1945	1950	1952	1953	1954	1955	1956	1957 (prel.)
<b>SUPPLY AND DISTRIBUTION</b>								
Petroleum asphalt:								
Production.....	7,127	10,589	12,784	13,165	13,620	15,113	16,479	15,579
Imports (including natural).....	147	324	490	434	617	605	656	1,256
Exports.....	212	144	418	303	340	285	275	329
Stocks, end of year.....	693	962	1,149	1,330	1,305	1,412	1,663	1,902
Apparent domestic consumption <sup>1</sup> .....	6,973	10,669	12,010	13,115	13,923	15,325	16,609	16,267
Road oil:								
Production.....	471	1,200	1,272	1,199	1,311	1,542	1,459	1,311
Stocks, end of year.....	67	72	82	79	79	102	91	107
Apparent domestic consumption <sup>2</sup> .....	438	1,255	1,263	1,202	1,312	1,519	1,470	1,295
<b>SALES</b>								
Paving products:								
Asphalt cements.....	(3)	(3)	(3)	4,745	5,375	5,867	7,010	7,152
Cutback asphalts.....	(3)	(3)	(3)	3,688	3,785	4,039	4,301	3,894
Emulsified asphalts.....	(3)	(3)	(3)	724	809	861	897	889
Road oil.....	(3)	(3)	(3)	1,330	1,346	1,460	1,493	1,306
Roofing products:								
Asphalt cements and fluxes.....	(3)	(3)	(3)	3,449	3,244	3,490	3,394	2,789
Emulsified asphalts.....	(3)	(3)	(3)	10	6	12	17	30
Miscellaneous products:								
Asphalt cements and fluxes.....	(3)	(3)	(3)	1,337	1,410	1,366	1,594	1,576
Emulsified asphalts.....	(3)	(3)	(3)	88	53	45	45	44

<sup>1</sup> Production, plus imports less exports and plus or minus change in stocks.

<sup>2</sup> Production, plus or minus change in stocks. <sup>3</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and records.

## No. 955.—CEMENT—SUMMARY: 1920 TO 1956

[Barrels of 376 pounds. Includes Hawaii in 1945 and Puerto Rico beginning 1940. See also *Historical Statistics, 1789-1945*, series G 65-66]

ITEM	1920	1930	1940	1945	1950	1954	1955	1956
Production of finished cement, total, 1,000 bbl..	100,790	162,989	132,751	104,289	230,272	275,857	314,913	333,472
Portland.....do.....	100,023	161,197	130,216	102,805	226,026	272,353	297,453	316,438
Prepared masonry do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<sup>2</sup> 16,519	<sup>2</sup> 15,906
Natural, slag, and hydraulic lime, 1,000 bbl..	<sup>3</sup> 767	<sup>2</sup> 1,792	<sup>2</sup> 2,535	<sup>2</sup> 1,484	<sup>2</sup> 4,246	<sup>2</sup> 3,504	941	1,128
Active plants:								
Portland.....number..	117	163	152	145	150	157	157	160
Natural, slag, and hydraulic lime.....number..	9	11	12	9	9	8	6	6
Shipments, total								
1,000 bbl..	97,079	160,846	132,864	107,833	231,975	278,385	310,245	325,650
Value.....\$1,000..	195,590	231,250	193,465	175,431	545,951	773,076	896,888	1,003,293
Per barrel.....dollars..	2.01	1.44	1.46	1.63	2.35	2.78	2.89	3.08
Portland.....1,000 bbl..	96,312	159,059	130,350	106,354	227,756	274,872	292,765	308,678
Prepared masonry do.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<sup>2</sup> 16,526	<sup>2</sup> 15,898
Natural, slag, and hydraulic lime, 1,000 bbl..	<sup>2</sup> 767	<sup>2</sup> 1,787	<sup>2</sup> 2,514	<sup>2</sup> 1,479	<sup>2</sup> 4,219	<sup>2</sup> 3,513	954	1,074
Stocks at mills, Dec. 31 (finished portland cement).....1,000 bbl..	8,833	25,899	23,365	16,625	13,119	16,533	17,539	22,414
Imports.....do.....	525	985	538	( <sup>4</sup> )	1,410	450	5,220	4,456
Exports.....do.....	2,986	756	1,668	6,475	2,418	1,859	1,795	1,973
World production (estimate).....1,000 bbl..	( <sup>5</sup> )	416,880	474,927	290,233	781,500	1,142,000	1,275,100	1,379,900

<sup>1</sup> Prepared masonry cement from portland cement plants not included in tabulations until 1955.

<sup>2</sup> Includes masonry cement from natural, slag, and hydraulic lime plants.

<sup>3</sup> Shipments.

<sup>4</sup> Less than 500 barrels.

<sup>5</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 956.—PORTLAND CEMENT—PRODUCTION, BY STATES: 1920 TO 1956

[In thousands of barrels of 376 pounds]

STATE	1920	1930	1940	1945	1950	1954	1955	1956
Total <sup>1</sup> .....	100,023	161,197	130,217	<sup>2</sup> 102,805	226,026	272,353	297,453	316,438
Alabama.....	1,132	4,821	5,122	5,542	10,372	10,997	12,161	12,969
California.....	7,098	10,124	14,216	15,952	26,277	32,599	35,449	39,547
Illinois.....	5,539	7,935	4,975	4,367	7,924	8,842	8,810	8,823
Iowa.....	4,849	7,088	4,606	3,194	7,416	9,658	10,182	10,944
Kansas.....	4,341	6,012	3,433	3,001	8,616	8,803	9,219	10,486
Michigan.....	4,891	11,511	8,603	5,839	12,967	16,671	18,205	20,485
Missouri.....	6,018	7,809	4,968	3,185	9,778	11,202	12,001	12,441
New York.....	5,885	10,373	8,437	<sup>3</sup> 5,617	<sup>3</sup> 14,196	<sup>3</sup> 16,459	<sup>3</sup> 20,049	<sup>3</sup> 19,631
Ohio.....	1,780	8,632	6,664	4,604	10,607	13,307	13,966	15,723
Pennsylvania.....	28,269	37,844	26,853	15,564	38,646	42,515	46,863	50,358
Tennessee.....	( <sup>4</sup> )	3,875	3,808	2,882	6,685	7,524	8,110	8,386
Texas.....	2,562	6,782	7,375	8,037	17,150	21,541	24,241	25,655
Other States <sup>1</sup> .....	27,659	38,393	31,156	<sup>2</sup> 25,022	55,392	72,235	78,197	80,990

<sup>1</sup> Beginning 1940 includes Puerto Rico.

<sup>2</sup> Includes Hawaii.

<sup>3</sup> Includes Maine.

<sup>4</sup> Included in figures for other states.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 957.—SAND AND GRAVEL—QUANTITY SOLD OR USED BY PRODUCERS AND VALUE: 1930 to 1956

[Includes Alaska, Hawaii, and Puerto Rico, beginning 1940; the Canal Zone and islands administered by the U. S., beginning 1955. See also *Historical Statistics, 1789-1945*, series G 71-72]

ITEM	1930	1940	1945	1950	1955	1956
<b>Sand and gravel, total</b> .....1,000 short tons	197,052	238,308	195,524	370,455	592,153	625,382
Building.....do	46,605	68,036	61,563	132,873	213,712	219,327
Paving.....do	84,176	143,158	93,664	204,242	327,976	344,006
Other.....do	66,271	27,114	40,297	33,340	150,465	161,959
Value.....\$1,000	115,177	110,688	128,837	295,040	536,236	595,521
Average per ton.....dollars	.58	.46	.66	.80	.91	.95
<b>Commercial sand</b> .....1,000 short tons	81,754	63,930	65,077	124,982	196,528	212,681
Value.....\$1,000	48,894	40,526	52,431	120,350	209,166	234,471
Average per ton.....dollars	.60	.63	.81	.96	1.06	1.10
<b>Noncommercial (government-and-contractor)</b> <b>sand</b> .....1,000 short tons	1,905	14,744	6,649	13,918	24,591	21,899
Value.....\$1,000	828	4,806	2,426	5,961	13,075	11,644
Average per ton.....dollars	.43	.33	.36	.43	.53	.53
<b>Commercial gravel</b> .....1,000 short tons	95,126	67,326	87,061	132,574	223,548	257,218
Value.....\$1,000	58,475	37,745	57,992	120,974	228,386	237,822
Average per ton.....dollars	.61	.56	.67	.91	1.02	1.04
<b>Noncommercial (government-and-contractor)</b> <b>gravel</b> .....1,000 short tons	18,267	92,308	36,737	98,981	147,486	133,594
Value.....\$1,000	6,980	27,612	15,989	47,755	85,610	81,584
Average per ton.....dollars	.38	.30	.44	.48	.58	.61

<sup>1</sup> Includes ground sand, not formerly covered, as follows: 1955, 1,210,000 tons valued at \$8,390,000; 1956, 1,422,000 tons, \$10,208,000.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 958.—STONE—QUANTITY SOLD OR USED BY PRODUCERS, AND VALUE, BY KIND AND BY USE: 1930 to 1956

[Includes Alaska, Hawaii, and Puerto Rico, and, beginning 1955, the Canal Zone and islands administered by the U. S. Excludes slate. See also *Historical Statistics, 1789-1946*, series G 75-76 for total]

VARIETY AND USE	QUANTITY SOLD OR USED (1,000 short tons) <sup>1</sup>						VALUE (\$1,000)		
	1930	1940	1945	1950	1955	1956	1950	1955	1956
<b>Total</b> .....	126,996	153,733	153,405	252,106	470,491	506,231	389,819	708,295	765,342
<b>KIND</b>									
Granite.....	10,048	10,880	7,740	22,546	25,079	29,636	51,457	59,581	65,447
Basalt and related rocks.....	14,532	15,716	14,911	22,895	35,851	38,052	34,373	56,141	63,021
Sandstone.....	4,594	6,499	4,387	9,101	13,108	13,447	23,787	38,623	46,388
Marble.....	477	240	171	287	1,082	947	10,932	19,786	18,380
Limestone.....	88,741	112,658	112,574	180,919	361,524	380,371	252,756	489,002	515,799
All other.....	8,604	7,740	13,622	16,378	32,837	43,779	16,514	45,161	56,307
<b>USE</b>									
<b>Dimension stone:</b>									
Building stone.....	2,322	836	382	1,229	1,687	1,579	36,665	51,685	50,785
Monumental.....	291	196	251	237	235	235	17,062	16,843	18,016
Paving blocks.....	294	19	1	4	6	6	61	127	88
Curbing.....	262	72	13	78	121	121	2,430	3,016	3,550
Flagging.....	82	68	21	57	110	107	878	2,050	2,095
Rubble.....	1,066	916	390	247	375	470	615	1,372	1,588
<b>Crushed and broken stone:</b>									
Riprap.....	4,292	5,264	4,801	6,898	10,286	13,134	7,807	13,680	15,565
Concrete and road- stone.....	74,293	92,814	64,108	147,108	254,588	276,269	192,294	336,260	369,883
Railroad ballast.....	12,818	7,454	21,265	18,614	15,871	16,481	17,520	16,758	16,545
Furnace flux (lime- stone).....	17,091	22,872	27,640	35,970	40,068	37,789	37,932	52,906	52,487
Refractory stone.....	1,197	1,741	2,527	2,158	1,169	1,436	5,849	5,778	11,054
Agricultural (lime- stone).....	2,542	8,724	17,396	19,349	18,360	19,864	30,393	20,455	32,087
Portland and natural cement (limestone, cement rock, and shell).....	(?)	(?)	(?)	(?)	84,209	86,452	(?)	89,665	91,604
Lime and dead-burned dolomite.....	(?)	(?)	(?)	(?)	16,409	17,495	(?)	21,740	24,028
Other uses.....	10,446	12,757	14,610	20,157	26,997	35,794	40,323	66,060	75,957

<sup>1</sup> Quantities of stone not sold by short tons are expressed in approximate equivalents in short tons.

<sup>2</sup> Includes categories of stone not formerly covered as indicated in footnotes 3, 4, and 5.

<sup>3</sup> Includes ground sandstone, quartz, and quartzite used for abrasives and other uses.

<sup>4</sup> Includes limestone, cement rock and dolomite used in making cement, lime, and dead-burned dolomite.

<sup>5</sup> Includes shell. <sup>6</sup> Excluding rubble shown separately below. <sup>7</sup> Not included in stone totals.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 959.—LIME—PRODUCTION, BY TYPE AND USE: 1930 TO 1956

[Includes Hawaii and Puerto Rico. See also *Historical Statistics, 1789-1945*, series G 69-70]

ITEM	1930	1940	1945	1950	1955	1956
Active plants.....number.....	375	314	189	168	150	153
Quantity sold or used by producers.....1,000 short tons.....	3,388	4,887	5,921	7,478	10,480	10,577
Value.....\$1,000.....	25,616	33,956	46,918	83,248	127,144	135,727
Per ton.....dollars.....	7.66	6.95	7.76	11.13	12.13	12.83
Open-market lime.....1,000 short tons.....	1,388	4,548	5,552	7,022	8,930	9,004
Captive tonnage lime.....do.....		1,339	1,369	1,456	1,550	1,573
By type:						
Quicklime.....do.....	1,706	2,633	3,379	3,834	6,113	5,967
Hydrated.....do.....	1,330	1,386	1,355	1,885	2,238	2,186
Dead-burned dolomite.....do.....	352	868	1,187	1,759	2,129	2,424
By use:						
Agricultural.....do.....	343	365	374	333	305	252
Building.....do.....	1,205	1,010	550	1,249	1,310	1,203
Chemical and industrial.....do.....	1,488	2,644	3,810	4,137	6,736	6,698
Refractory (dead-burned dolomite).....do.....	352	868	1,187	1,759	2,129	2,424

¹ Incomplete figures; only partial coverage of captive plants.

## No. 960.—GYPSUM—SUPPLY, SALES, IMPORTS, AND EXPORTS: 1945 TO 1956

[Quantities in thousands of short tons; values in thousands of dollars. See also *Historical Statistics, 1789-1945*, series G 67-68, for gypsum mined and total gypsum products sold]

ITEM	1945	1950	1951	1952	1953	1954	1955	1956
Active establishments ¹.....	75	87	85	89	94	86	83	88
Crude gypsum: ²								
Mined.....	3,812	8,193	8,666	8,415	8,293	8,996	10,684	10,316
Imported.....	509	3,219	3,437	3,088	3,184	3,368	3,977	4,336
Apparent supply.....	4,320	11,412	12,102	11,503	11,477	12,364	14,661	14,652
Calcined gypsum produced:								
Short tons.....	² 2,485	7,341	7,455	6,874	7,166	7,618	8,848	8,608
Value.....	¹ 14,474	60,480	65,761	59,696	66,669	76,171	88,576	91,336
Gypsum products sold, total value ⁴.....	60,149	205,383	235,835	224,924	245,053	272,153	319,323	321,652
Uncalcined uses:								
Short tons.....	1,148	2,218	2,530	2,706	2,656	2,746	2,938	3,259
Value.....	3,433	7,912	9,413	9,617	9,844	10,592	11,436	13,173
Industrial uses:								
Short tons.....	158	266	289	252	254	250	299	334
Value.....	2,326	4,530	5,468	5,000	5,261	5,384	6,337	7,309
Building uses, value.....	54,390	192,940	220,954	210,307	229,948	256,177	301,551	301,169
Gypsum and gypsum products:								
Imported for consumption, value ⁵.....	549	3,534	3,814	3,695	4,792	5,378	7,276	8,546
Exported, value.....	1,503	1,046	1,584	1,216	1,994	1,600	1,348	1,215

¹ Each mine, plant, or combination mine and plant is counted as one establishment.

² Excludes byproduct gypsum. ³ Includes production from small quantity of byproduct gypsum.

⁴ Made from domestic, imported, and byproduct gypsum.

⁵ Beginning 1954, data not comparable with previous years.

No. 961.—SULFUR, PYRITES, AND OTHER SULFUR-CONTAINING RAW MATERIALS—  
PRODUCTION, IMPORTS, AND EXPORTS: 1940 TO 1956[See also *Historical Statistics, 1789-1945*, series G 83-86]

ITEM	1940	1945	1950	1954	1955	1956
Production:						
Sulfur, all forms ¹.....1,000 long tons.....	3,227	4,340	5,986	6,675	7,027	7,818
Sulfur from Frasch mines.....do.....	2,732	3,753	5,192	5,515	5,739	6,424
Recovered elemental sulfur (sulfur content).....do.....	4	25	142	359	399	465
Pyrites (gross weight).....do.....	627	723	931	909	1,007	1,070
Sulfur content.....do.....	262	296	393	405	410	432
Value.....\$1,000.....	1,920	2,700	4,059	7,159	8,391	10,062
Byproduct sulfuric acid ² (sulfur content)						
1,000 long tons.....	213	246	216	250	325	348
Shipments, Frasch mines.....do.....	2,559	3,833	5,505	5,328	5,839	5,676
Approximate value.....\$1,000.....	40,900	61,300	104,000	142,014	163,156	150,356
Average value per long ton.....dollars.....	15.98	15.99	18.89	26.65	27.94	26.49
Imports for consumption:						
Sulfur, ore and other (gross weight).....1,000 long tons.....	28	(³)	(³)	1	35	203
Pyrites (gross weight).....do.....	407	187	209	447	480	473
Exports, sulfur ⁴.....do.....	766	943	1,479	1,675	1,636	1,675

¹ In addition to forms of recovery cited below, covers sulfur ore and other byproduct sulfur compounds (hydrogen sulfide and liquid sulfur dioxide).

² Produced at copper, lead, and zinc plants. ³ Less than 500 tons.

⁴ In addition to data shown, an estimated 233,000 long tons was imported in 1954; 278,000 long tons in 1955, and 293,000 long tons in 1956, all from Canada. ⁵ Crude, crushed, ground, refined, sublimed, and flowers.

Source of tables 959-961: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and records.



# No. 962.—SALT—PRODUCTION, BY STATES AND BY KIND, EXPORTS, AND IMPORTS: 1910 TO 1956

[In thousands of short tons. Production figures represent sales plus that used by producers; they include Puerto Rico, and, beginning 1952, Hawaii. Imports are imports for consumption. See also *Historical Statistics, 1789-1946*, series G 81-82, for production]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1910.....	4,243	49	137	1945.....	15,394	191	5
1915.....	5,352	80	122	1950.....	16,690	190	8
1920.....	6,840	139	133	1952.....	19,545	350	7
1925.....	7,398	155	86	1953.....	20,789	250	137
1930.....	8,054	70	64	1954.....	20,669	365	161
1935.....	7,927	112	51	1955.....	22,704	407	186
1940.....	10,360	147	30	1956.....	24,216	336	368

STATE AND KIND	1940	1945	1950	1953	1954	1955	1956
<b>Production.....</b>	<b>10,360</b>	<b>15,394</b>	<b>16,630</b>	<b>20,789</b>	<b>20,669</b>	<b>22,704</b>	<b>24,216</b>
By State:							
California.....	469	695	868	1,123	1,186	1,315	1,444
Kansas.....	684	856	846	905	877	911	1,004
Louisiana.....	1,133	1,868	2,279	3,061	3,089	3,563	3,704
Michigan.....	2,863	4,285	4,447	5,127	5,064	4,975	5,548
New York.....	2,118	2,862	2,807	3,323	3,413	3,780	3,873
Ohio.....	2,080	2,765	2,515	3,040	2,749	2,905	2,972
Texas.....	402	1,101	1,852	2,845	2,864	3,583	3,963
Utah.....	71	123	117	154	167	196	184
West Virginia.....	144	370	368	420	472	638	681
Other States.....	395	469	531	790	791	839	844
By kind:							
Evaporated (manufactured).....	2,783	3,183	3,329	3,702	3,731	3,987	4,028
In brine.....	5,312	8,706	9,373	12,608	12,114	13,424	14,565
Rock salt.....	2,266	3,506	3,927	4,479	4,825	5,293	5,623
Total value <sup>1</sup> .....	\$1,000..	26,475	43,914	59,911	78,277	105,586	123,389
						123,389	136,240

<sup>1</sup> F. o. b. mine or refinery; excludes cost of cooerage or containers.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 963.—IRON ORE—SUMMARY: 1910 TO 1956

[In thousands of long tons. Nearly all exports are to Canada and, in recent years, Japan also. Data exclude ore containing 5 percent or more of manganese. See also *Historical Statistics, 1789-1945*, series G 93-95]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956
<b>Production.....</b>	<b>57,015</b>	<b>67,604</b>	<b>58,409</b>	<b>73,696</b>	<b>88,376</b>	<b>98,045</b>	<b>102,999</b>	<b>97,849</b>
By district:								
Lake Superior.....	46,420	57,945	49,383	61,471	74,821	79,627	83,255	77,817
Southeastern.....	6,895	6,768	5,838	7,444	6,330	7,508	7,106	6,035
Northeastern.....	2,605	2,096	2,249	3,560	3,620	4,475	4,650	4,867
Western.....	1,095	795	939	11,221	3,088	5,861	6,954	8,045
Undistributed (byproduct ore).....	(2)	(2)	(2)	(2)	517	575	1,034	1,085
By type of ore:								
Hematite.....	51,367	63,883	55,266	68,870	81,295	87,156	92,958	81,144
Brown ore.....	2,994	1,326	720	935	943	2,615	2,457	3,175
Magnetite.....	2,632	2,391	2,421	3,991	5,621	7,699	6,550	12,445
Carbonate.....	22	4	1	1	1			
Byproduct material (pyrites cinder and sinter).....	(2)	(2)	(2)	(2)	517	575	1,034	1,085
Number of mines.....	191	403	208	230	199	247	305	338
Shipments.....	(2)	69,281	55,201	75,198	88,137	97,764	106,254	97,719
Value.....	(2)	285,006	145,619	189,087	243,761	487,990	756,830	757,031
Average value per ton at mine.....	(2)	\$4.11	\$2.64	\$2.51	\$2.77	\$4.99	\$7.12	\$7.75
Stocks at mines, Dec. 31.....	9,422	11,379	10,383	3,614	4,432	5,726	4,281	5,465
Imports.....	2,591	1,273	2,775	2,479	1,198	8,281	23,472	30,431
Value.....	\$1,000..	7,832	4,964	6,205	4,114	43,968	177,457	250,527
Exports.....	749	1,145	752	1,386	2,063	2,551	4,517	5,491
Value.....	\$1,000..	2,474	6,199	2,734	4,625	6,688	15,717	36,993
World production (estimate).....	130,900	114,500	175,600	208,700	159,400	247,000	365,700	388,000

<sup>1</sup> Texas included with Southeastern district.

<sup>2</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

### No. 964.—MANGANESE (INCLUDING FERROMANGANESE AND SPIEGELEISEN)— SUMMARY: 1930 TO 1956

[Gross weight in thousands of short tons]

ITEM	1930	1940	1945	1950	1954	1955	1956
Manganese ore (35 percent or more Mn):							
Mine shipments.....	75	45	182	134	206	287	345
Metallurgical ore.....	60	30	174	123	191	276	341
Battery ore.....	13	10	8	12	15	12	3
Miscellaneous.....	2	4			(1)		
General imports.....	656	1,450	1,462	1,835	2,166	2,078	2,239
Consumption.....	(2)	(2)	1,486	1,650	1,741	2,110	2,264
World production (estimate).....	3,848	6,238	4,674	6,200	10,930	11,715	12,145
Ferromanganese:							
Domestic production.....	308	515	620	720	719	870	923
Imports for consumption.....	49	12	36	110	57	65	160
Exports.....	47	15	1	1	2	2	2
Consumption.....	(2)	(2)	642	775	717	934	946
Spiegeleisen:							
Domestic production.....	98	114	139	42	(3)	(3)	(3)
Imports for consumption.....	15	17	3	9			(1)
Exports.....	(4)	(4)	2	(1)			
Consumption.....	(2)	(2)	148	76	52	70	62

<sup>1</sup> Less than 500 short tons. <sup>2</sup> Not available. <sup>3</sup> Manganese content; gross weight not reported.<sup>4</sup> Exports of spiegeleisen included with those of ferromanganese.<sup>5</sup> Bureau of Mines not at liberty to publish.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

### No. 965.—CHROMITE—SUMMARY: 1930 TO 1956

[Quantities in thousands of short tons; values in thousands of dollars. See also *Historical Statistics, 1789-1945*, series G 106-107 for figures on shipments]

ITEM	1930	1940	1945	1950	1954	1955	1956
Total supply.....	366	740	940	1,304	1,634	1,987	2,383
Domestic production (shipments) <sup>1</sup> .....	(2)	3	14	(2)	163	153	<sup>3</sup> 208
Value.....	2	29	532	(1)	7,164	6,644	<sup>3</sup> 8,715
Imports for consumption.....	366	737	926	1,304	1,471	1,834	2,175
Value.....	3,513	8,755	17,530	23,299	34,197	38,063	49,350
Consumption by industry.....	(4)	563	808	980	914	1,584	1,847
Exports.....	(1)	(1)	12	2	1	1	2
World production (estimate).....	600	1,600	1,200	2,600	3,600	3,800	4,200

<sup>1</sup> Includes Alaska. <sup>2</sup> Less than 500 short tons.<sup>3</sup> Includes 45,710 short tons of concentrate produced in 1955 and 1956 from low-grade ore and concentrate stock-piles near Coquille, Oregon, during World War II.<sup>4</sup> Not available or Bureau of Mines not at liberty to publish.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

### No. 966.—TUNGSTEN—SUMMARY: 1930 TO 1956

[Includes Alaska. See also *Historical Statistics, 1789-1945*, series G 108-109]

ITEM	1930	1940	1945	1950	1955	1956
Production:						
Concentrates, 60 percent WO <sub>3</sub> basis.....short tons.....	(1)	5,120	5,662	4,166	16,636	15,510
Tungsten content.....1,000 lb.....	(1)	4,873	5,389	3,965	15,833	14,761
Shipments from mines:						
Concentrates, 60 percent WO <sub>3</sub> basis.....short tons.....		5,319	5,534	4,820	16,412	14,737
Tungsten content.....1,000 lb.....		668	5,267	4,588	15,619	14,027
Reported value f. o. b. mines.....\$1,000.....		509	6,576	7,693	8,171	60,841
Average per pound of tungsten.....dollars.....		.76	1.30	1.46	1.78	3.90
Imports (tungsten content):						
General.....1,000 lb.....	(1)	9,666	8,639	8,342	20,789	21,857
For consumption.....do.....		3,998	5,611	4,774	16,147	20,860
Consumption (tungsten content).....do.....		4,642	9,955	14,146	6,597	8,967
Stocks, end of year (tungsten content) <sup>2</sup> .....1,000 lb.....	(1)	2,897	4,341	5,337	4,025	4,457
World production (estimate) <sup>3</sup> .....short tons.....		18,400	48,100	25,100	42,300	81,600

<sup>1</sup> Not available. <sup>2</sup> Producers, consumers, and dealers.<sup>3</sup> Concentrates, 60 percent WO<sub>3</sub> basis. <sup>4</sup> Excludes U. S. S. R.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 967.—NICKEL—SUMMARY: 1930 TO 1956

[In short tons]

ITEM	1930	1935	1940	1945	1950	1954	1955	1956
Mine production.....						2,006	4,411	7,392
Plant production:								
Primary.....	308	160	554	1,155	913	831	3,807	6,722
Secondary.....	2,900	1,950	4,152	6,483	8,795	8,605	11,540	14,860
Imports (estimated content) <sup>1</sup> .....	25,300	34,200	83,760	107,433	91,347	131,784	142,117	142,642
Exports (gross weight) <sup>2</sup> .....	2,388	2,193	11,994	3,876	3,645	14,245	20,601	44,826
Price per pound <sup>3</sup> .....cents.....	35	35	35	31.5	40-50.5	60-64.5	64.5	64.5-74
World production (estimate) <sup>4</sup> .....	59,800	83,300	144,800	145,000	130,000	192,000	215,000	231,000

<sup>1</sup> Includes metal, ore and matte, oxide powder and oxide sinter, refinery residues (beginning with 1950) and slurry (1956); in addition, through 1945, covers scrap, "bars, rods, tubes, etc.," and nickel-silver.

<sup>2</sup> Excludes "Manufactures;" weight not recorded.

<sup>3</sup> Price quoted U. S. buyers by International Nickel Co., Inc. for electrolytic nickel, U. S. duty included: 1930-1940, f. o. b. New York, thereafter, f. o. b. Port Colborne, Ontario. <sup>4</sup> Excludes U. S. S. R.

## No. 968.—MOLYBDENUM CONCENTRATES—SUMMARY: 1930 TO 1956

[In thousands of pounds of contained molybdenum]

ITEM	1930	1940	1945	1950	1954	1955	1956
Production.....	3,723	34,313	30,802	28,480	58,668	61,781	57,462
Shipments from mines.....	3,759	25,329	33,683	44,544	64,021	64,709	57,126
Average price per pound <sup>1</sup> .....dollars.....	\$ 0.73	0.75	0.75	0.91	1.00	1.05	1.13
Exports <sup>2</sup> .....	( <sup>4</sup> )	6,585	2,863	6,235	13,547	14,580	17,981
Imports for consumption.....	145	( <sup>4</sup> )	204	3	154	134	-----
Consumption.....	( <sup>4</sup> )	( <sup>4</sup> )	32,696	26,029	24,710	38,799	42,652
Stocks (industry), Dec. 31 <sup>3</sup> .....	( <sup>4</sup> )	( <sup>4</sup> )	16,883	4,326	5,317	2,730	2,920
World production (estimate).....	4,200	38,300	36,000	32,000	63,900	67,900	63,200

<sup>1</sup> Per pound of molybdenum contained. Source: *Engineering and Mining Journal*.

<sup>2</sup> July to December only.

<sup>3</sup> Includes roasted concentrates. <sup>4</sup> Not available.

<sup>5</sup> Excludes 460,000 pounds imported for conversion and reexport.

<sup>6</sup> At mines and at plants making molybdenum products.

## No. 969.—GOLD AND SILVER—SUMMARY: 1910 TO 1956

[Includes Alaska. See also *Historical Statistics, 1789-1945*, series G 118-121]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956
Mine production:								
Gold.....1,000 fine ounces.....	4,585	2,383	2,139	4,870	955	2,394	1,880	1,833
Silver.....do.....	57,599	56,537	47,725	70,436	29,024	42,459	37,198	38,943
Value of production:								
Gold.....\$1,000.....	94,778	49,261	44,211	170,448	33,410	83,798	65,805	64,140
Silver.....do.....	31,102	61,625	18,374	50,088	20,639	38,425	33,666	35,250
Ore (dry and siliceous) produced: <sup>1</sup>								
Gold ore.....1,000 short tons.....	9,646	8,590	7,767	16,550	1,364	3,584	2,234	2,255
Gold-silver ore.....do.....				948	277	433	120	245
Silver ore.....do.....				1,201	343	627	570	687
Net industrial consumption:								
Gold.....\$1,000.....	34,161	50,181	15,178	13,306	108,944	97,846	45,500	49,000
Silver.....1,000 fine ounces.....	23,187	19,280	26,874	44,499	126,300	110,000	101,400	100,000
Imports:								
Gold.....\$1,000.....	66,549	417,068	396,054	4,749,467	93,718	162,749	104,592	132,667
Silver.....do.....	48,401	88,060	42,761	58,434	27,278	110,035	72,932	129,068
Exports:								
Gold.....do.....	47,425	322,091	115,967	4,995	199,968	534,036	7,257	26,562
Silver.....do.....	71,962	113,616	54,157	3,674	90,937	6,202	8,331	7,049
Price, average per fine ounce: <sup>2</sup>								
Gold.....dollars.....	20.67	20.67	20.67	35.00	35.00	35.00	35.00	35.00
Silver.....do.....	.542	1.019	.885	.711	.711	.905+	.905+	.905+
World production (estimate):								
Gold.....1,000 fine ounces.....	( <sup>3</sup> )	( <sup>3</sup> )	20,800	42,300	26,100	32,700	36,400	38,400
Silver.....do.....	( <sup>3</sup> )	173,300	248,700	275,400	162,000	203,300	223,400	222,400

<sup>1</sup> Gold and silver are also produced from base-metal ores and placers. In 1956, dry and siliceous ores accounted for 42 percent of gold produced and 29 percent of silver.

<sup>2</sup> Treasury buying price, except for silver prices for 1910-30 which represent New York price.

<sup>3</sup> Not available.

Source of tables 967-969: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 970.—GOLD AND SILVER—PRODUCTION, BY STATES AND OTHER AREAS: 1930 TO 1956

[Based upon arrivals at U. S. mints and assay offices and private refineries. See also *Historical Statistics, 1789-1946*, Series G 118-121, for mine production excluding Puerto Rico and Philippine Islands]

STATE OR OTHER AREA	GOLD (1,000 fine ounces)						SILVER (1,000 fine ounces)					
	1930	1940	1945	1950	1955	1956	1930	1940	1945	1950	1955	1956
<b>Total.....</b>	<b>2,286</b>	<b>6,003</b>	<b>929</b>	<b>2,289</b>	<b>1,877</b>	<b>1,865</b>	<b>50,748</b>	<b>69,586</b>	<b>29,063</b>	<b>42,309</b>	<b>36,470</b>	<b>38,739</b>
Alaska.....	407	757	60	276	253	209	392	173	9	50	35	29
Arizona.....	149	299	78	111	128	147	4,910	6,130	3,411	5,089	4,600	5,139
California.....	450	1,444	143	410	248	199	1,434	2,225	950	1,000	600	1,010
Colorado.....	213	369	102	124	87	95	4,852	9,378	2,407	3,343	2,510	2,300
Idaho.....	21	145	19	69	10	11	9,710	17,477	8,228	15,993	14,000	13,500
Illinois.....	-----	-----	-----	-----	-----	-----	2	1	2	7	3	2
Michigan.....	-----	-----	-----	-----	-----	-----	11	90	20	(1)	503	495
Missouri.....	-----	-----	-----	-----	-----	-----	188	145	20	233	350	350
Montana.....	47	273	42	57	26	36	8,597	12,152	5,493	7,178	5,829	7,400
Nevada.....	140	380	91	170	77	69	4,179	5,102	1,156	1,634	834	1,000
New Mexico.....	32	39	13	7	2	3	1,160	1,576	654	365	183	365
New York.....	-----	-----	-----	-----	-----	-----	-----	36	14	33	49	81
Oregon.....	14	114	1	10	2	3	10	192	12	12	7	19
Pennsylvania.....	1	2	2	2	2	2	5	14	11	11	11	11
South Dakota.....	406	587	41	572	527	569	105	171	41	143	153	139
Tennessee.....	1	(1)	(1)	(1)	(1)	(1)	86	39	35	26	61	67
Texas.....	(1)	(1)	(1)	(1)	(1)	(1)	469	1,295	21	4	(1)	(1)
Utah.....	209	352	271	392	442	441	14,451	11,686	6,244	6,799	6,270	6,300
Vermont.....	-----	(1)	(1)	(1)	(1)	(1)	5	-----	20	28	50	45
Virginia.....	-----	(1)	(1)	-----	-----	-----	-----	(1)	9	(1)	2	(1)
Washington.....	4	84	53	89	74	80	30	389	288	358	420	486
Wyoming.....	(1)	1	(1)	(1)	(1)	1	(1)	(1)	(1)	3	(1)	(1)
Philippine Is- lands.....	185	1,140	13	(2)	(2)	(2)	121	1,299	17	(2)	(2)	(2)
Other.....	1	16	-----	-----	(1)	(1)	33	15	-----	-----	(1)	(1)

<sup>1</sup> Less than 500 ounces.

<sup>2</sup> Excluded after 1945.

Source: Treasury Department, Bureau of the Mint; *Annual Report of the Director*.

# No. 971.—COPPER—MINE PRODUCTION, BY STATES AND FOR ALASKA: 1930 TO 1956

[In short tons of recoverable copper]

STATE	1930	1940	1945	1950	1954	1955	1956
<b>Total.....</b>	<b>705,074</b>	<b>878,086</b>	<b>772,894</b>	<b>909,343</b>	<b>835,472</b>	<b>998,570</b>	<b>1,106,215</b>
Alaska.....	16,326	55	5	6	4	1	(1)
Arizona.....	288,095	281,169	287,203	403,801	377,927	454,105	505,908
California.....	13,643	6,438	6,473	646	362	613	859
Colorado.....	6,257	12,152	1,485	3,141	4,523	4,323	4,228
Idaho.....	1,556	3,340	1,848	2,107	4,828	5,618	6,656
Michigan.....	84,691	45,198	30,401	25,608	23,593	50,066	61,526
Missouri.....	88	685	3,399	2,982	1,925	1,722	1,890
Montana.....	98,094	126,391	88,506	54,478	59,349	81,542	96,426
Nevada.....	54,602	78,454	52,595	52,569	70,217	78,925	82,883
New Mexico.....	32,575	69,848	56,571	66,300	60,558	66,417	74,345
Pennsylvania.....	-----	3,565	4,142	3,270	4,110	4,110	24,102
Tennessee.....	(2)	412,732	6,959	6,851	9,087	9,011	10,449
Utah.....	90,263	231,864	226,376	278,630	211,835	232,949	250,604
Vermont.....	-----	1,861	1,861	3,504	4,352	4,805	3,403
Washington.....	603	9,612	5,821	5,057	3,636	3,955	2,926
Other States.....	19,282	139	126	21	6	5	10

<sup>1</sup> Less than 0.5 ton.

<sup>2</sup> Includes North Carolina.

<sup>3</sup> Included in Other States.

<sup>4</sup> Includes North Carolina and Pennsylvania.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 972.—COPPER—SUMMARY: 1910 TO 1956

[In thousands of short tons. Production figures cover continental United States and Alaska. See also *Historical Statistics, 1789-1945*, series G 112-113]

ITEM	1910	1920	1930	1940	1945	1950	1954	1955	1956
Primary production:									
Mine production.....	544	612	705	878	773	909	835	999	1,106
Smelter production from domestic ores.....	540	605	697	909	783	911	834	1,007	1,118
Value.....mil. dol.	137	222	181	205	185	379	492	751	950
Refinery production, total.....	711	763	1,079	1,314	1,109	1,240	1,212	1,342	1,443
From domestic ores.....	536	591	696	927	776	921	842	997	1,080
From foreign ores, matte, and blister.....	175	172	383	386	333	319	370	345	362
Secondary production, total.....	95	312	467	532	1,007	977	840	989	931
From new (purchased) scrap.....	30	144	125	198	509	492	433	474	462
From old scrap.....	65	169	342	334	497	485	407	515	468
Imports (unmanufactured) <sup>2</sup> .....	172	243	409	491	853	690	595	594	596
Refined.....	( <sup>3</sup> )	54	43	68	331	317	215	202	192
Exports of metallic copper <sup>4</sup> .....	311	377	428	133	192	312	280	281	223
Refined (ingots, bars, etc.).....	354	276	297	356	49	145	216	200	223
Withdrawals (apparent) on domestic account:									
New refined copper.....	366	527	633	1,009	1,415	1,447	1,235	1,336	1,367
New and old copper <sup>7</sup> .....	461	840	1,100	1,541	1,912	1,932	1,642	1,851	1,835
Stocks, producers, refined copper, Dec. 31.....	61	330	308	92	130	26	25	34	78
World smelter production, new copper (estimate).....	946	1,057	1,760	2,734	2,436	2,915	3,275	3,640	3,955

<sup>1</sup> Excludes bonus payments of Office of Metal Reserve.

<sup>2</sup> Data are for "general imports," i. e., include copper imported for immediate consumption plus material entering country under bond. Comprises copper in ingots, plates, and bars, ores and concentrates, regulus, blister, and scrap. <sup>3</sup> Not separately recorded.

<sup>4</sup> Total exports of copper, exclusive of ore, concentrates, composition metal, and unrefined copper. Exclusive also of "other manufactures of copper," for which quantity figures are not recorded before 1953. Beginning 1954, data not strictly comparable with earlier years, due to changes in classification.

<sup>5</sup> Includes rods, plates, and old.

<sup>6</sup> Includes rods.

<sup>7</sup> Beginning 1945, new copper and old scrap only.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 973.—COPPER—EXPORTS AND IMPORTS: 1921 TO 1957

[Quantities in short tons; values in thousands of dollars. Exports are those classed as "domestic" in foreign trade statistics but include copper smelted or refined in United States from imported ore or unrefined metal. Prior to 1952, values include all forms of copper; quantities represent all copper except some "Other copper manufactures" for which quantity data were not reported. For 1952 and subsequent years, export data exclude certain copper manufactures not reported separately]

YEARLY AVERAGE OR YEAR	EXPORTS <sup>1</sup>		IMPORTS <sup>2</sup>		YEARLY AVERAGE OR YEAR	EXPORTS <sup>1</sup>		IMPORTS <sup>2</sup>	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1921-1925.....	438,337	129,761	298,975	77,811	1948.....	209,494	113,563	489,567	203,042
1926-1930.....	491,290	149,999	407,630	108,244	1949.....	171,303	75,769	568,835	224,232
1931-1935.....	246,658	39,920	211,116	29,662	1950.....	174,274	73,262	605,831	242,810
1936-1940.....	378,054	87,680	242,530	47,608	1951.....	152,476	86,077	539,303	279,498
1941-1945.....	208,423	79,333	780,000	164,752	1952.....	195,968	134,035	637,140	411,188
1946-1950.....	169,940	80,734	494,413	186,459	1953.....	156,152	95,610	670,484	433,017
1951-1955.....	211,681	136,460	607,547	388,283	1954.....	300,709	176,044	603,271	302,670
1945.....	132,592	55,212	896,239	194,672	1955.....	253,098	190,634	587,538	455,041
1946.....	97,513	38,587	355,008	86,384	1956.....	276,044	237,420	562,426	501,644
1947.....	197,114	102,489	452,822	175,829	1957.....	425,304	264,213	590,662	383,344

<sup>1</sup> Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and FOA; civilian supply shipments are included in 1948 and subsequent years.

<sup>2</sup> General imports prior to 1933; imports for consumption thereafter.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 974.—LEAD—SUMMARY: 1910 to 1956

[In short tons. See also *Historical Statistics, 1789-1945*, series G 114-115]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956
Smelter production of refined primary lead.....	470,272	529,657	643,033	533,179	443,585	508,314	479,157	542,308
From domestic ores and base bullion.....	375,402	476,849	573,740	433,065	356,535	418,809	321,132	349,188
From foreign ores and base bullion.....	94,870	52,808	69,293	100,114	87,050	89,505	158,025	193,120
Recovery of secondary lead.....	55,422	124,650	255,800	260,346	363,039	482,275	502,051	506,775
Imports: <sup>2</sup>								
Lead in pigs, bars, and old.....	3,485	30,719	209	151,568	230,313	461,827	284,729	283,392
Lead in base bullion.....	57,742	48,052	38,630	19,624	8	3,488	-----	31
Lead in ores and matte.....	47,376	14,744	39,377	111,300	70,005	76,520	177,479	196,452
Exports of refined pig lead <sup>3</sup> .....	( <sup>4</sup> )	<sup>5</sup> 20,093	<sup>6</sup> 48,307	23,755	1,408	2,735	403	4,628
Estimated consumption of primary and secondary lead.....	( <sup>4</sup> )	( <sup>4</sup> )	<sup>6</sup> 768,600	<sup>6</sup> 782,000	1,051,602	1,237,981	1,212,644	1,209,717
Prices (cents per pound):								
New York average.....	4.4	8.2	5.52	5.18	6.50	13.30	15.14	16.01
London average.....	2.8	6.15	3.92	( <sup>7</sup> )	4.99	13.29	13.19	14.52
Mine production of recoverable lead <sup>8</sup> .....	382,662	496,814	558,313	457,392	390,831	430,827	338,025	352,826
World smelter production (estimate).....	1,210,000	1,022,000	1,869,000	1,936,000	1,233,000	1,850,000	2,220,000	2,370,000

<sup>1</sup> Excludes lead content of antimonial lead.<sup>2</sup> Data are "general imports", i. e. include lead imported for immediate consumption plus material entering country under bond.<sup>3</sup> Pigs, bars and anodes.<sup>4</sup> Not available.<sup>5</sup> Represents pigs, bars, and old.<sup>6</sup> Source: American Bureau of Metal Statistics.<sup>7</sup> Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war.<sup>8</sup> Includes Alaska.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 975.—LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES AND FOR ALASKA: 1930 to 1956

[In short tons]

STATE	1930	1940	1945	1950	1955	1956
<b>Total</b> .....	558,313	457,392	390,831	430,827	338,025	352,826
<b>Western States and Alaska</b> .....	312,413	244,974	184,152	257,803	182,461	197,758
Alaska.....	1,365	779	11	149	1	1
Arizona.....	4,246	13,266	22,867	26,383	9,817	11,999
California.....	1,780	1,772	7,224	15,831	8,265	9,296
Colorado.....	22,130	11,476	17,044	27,007	15,805	19,856
Idaho.....	134,058	104,834	68,447	100,025	64,163	64,321
Montana.....	10,653	23,036	9,999	19,617	17,028	18,642
Nevada.....	11,529	7,499	6,275	9,408	3,291	6,384
New Mexico.....	10,378	3,822	7,662	4,150	3,296	6,042
Utah.....	115,495	75,688	40,817	44,753	50,452	49,555
Washington.....	576	2,555	3,802	10,334	10,340	11,657
Other.....	203	247	4	146	3	5
<b>Central States</b> .....	237,533	207,587	201,520	168,173	151,528	150,410
Kansas.....	12,910	11,927	7,370	9,487	5,498	7,635
Missouri.....	109,632	172,052	176,575	134,626	125,412	123,783
Oklahoma.....	23,052	21,240	12,664	20,724	14,126	12,350
Other.....	1,939	2,368	4,911	3,336	6,492	6,642
<b>Eastern States</b> .....	8,367	4,831	5,159	4,851	4,036	4,658
New York.....	1,973	862	1,484	1,037	1,608	1,608
Tennessee.....	573	54	113	-----	-----	5
Virginia.....	2,285	4,243	3,254	1,299	-----	3,045

<sup>1</sup> Includes 2 tons produced in North Carolina in 1955 and 10 tons in 1956.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 976.—ZINC—PRODUCTION AND PRICES: 1910 TO 1956

[See also *Historical Statistics, 1789-1945*, series G 116-117]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956
<b>Smelter production of primary slab zinc, total</b> .....	269,184	463,377	498,045	675,275	764,561	843,467	963,504	983,610
Value.....	\$1,000	29,072	75,067	47,812	85,085	131,504	240,051	270,099
Source:								
From domestic ores.....	252,479	450,045	489,361	589,988	467,084	588,291	582,913	470,093
From foreign ores.....	16,705	13,332	8,684	85,287	297,477	255,176	380,691	513,517
Method:								
Electrolytic.....	percent of total	11	26	28	35	41	40	42
Distilled.....	do	89	74	72	65	59	60	58
Production of redistilled secondary slab zinc.....	12,784	21,371	24,849	48,917	49,242	66,970	66,042	72,127
Average price of common zinc at—								
East St. Louis.....	5.42	7.77	4.56	6.34	8.25	13.88	12.30	13.49
London.....	5.00	7.40	3.60	(4)	5.18	14.89	11.30	12.19
<b>Mine production of recoverable zinc, short tons</b> .....	327,712	587,524	595,425	665,068	614,358	623,375	514,671	542,340
Arizona.....	2,742	729	815	15,456	40,226	60,480	22,684	25,580
California.....	583	583	79	79	9,923	7,551	6,836	8,049
Colorado.....	38,545	24,395	36,259	5,060	35,773	45,776	35,350	40,246
Idaho.....	2,802	13,966	37,649	70,601	83,463	87,890	53,314	49,561
Illinois.....	3,549	4,720	9	4,818	8,310	26,982	21,700	24,039
Kansas.....	13,229	61,073	74,304	57,032	48,394	27,176	27,611	28,665
Missouri.....	128,589	24,509	10,811	12,703	22,175	8,189	4,476	4,380
Montana.....	15,819	92,169	26,421	52,587	17,403	67,678	68,588	70,520
Nevada.....	1,354	5,349	14,584	11,833	21,457	21,606	2,670	7,488
New Jersey.....	68,678	78,511	97,626	91,406	81,392	55,029	11,643	4,667
New Mexico.....	9,044	5,007	32,765	30,313	40,295	29,263	15,277	35,010
New York.....	5,654	22,471	35,686	24,978	38,321	53,016	59,111	59,111
Oklahoma.....	6,394	219,727	136,153	162,935	69,300	46,739	41,543	27,515
Tennessee.....	966	19,217	48,147	34,796	33,824	35,326	40,216	46,023
Utah.....	8,184	4,079	44,495	43,788	33,630	31,678	43,556	42,374
Virginia.....	794	—	(5)	16,927	16,075	12,396	18,329	19,196
Washington.....	213	352	11,560	11,693	14,807	29,636	25,609	25,609
Wisconsin.....	25,927	27,285	12,558	5,770	15,561	5,722	18,426	23,890
Other States.....	1,096	338	6	1,718	486	766	—	417
World smelter production (estimate) 1,000 short tons.....	893	796	1,536	1,786	1,404	2,170	2,970	3,110

<sup>1</sup> Excludes bonus payments of Office of Metals Reserve.<sup>2</sup> Includes small quantity of secondary electrolytic zinc.<sup>3</sup> Average price for foreign zinc, based on average rates of exchange recorded by Federal Reserve Board.<sup>4</sup> Not available. <sup>5</sup> Virginia included with Tennessee. <sup>6</sup> Includes Alaska.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 977.—TIN—SUMMARY: 1930 TO 1956

[In long tons]

ITEM	1930	1940	1945	1950	1954	1955	1956
<b>Production:</b>							
Domestic mines.....	15	49	—	94.1	204.7	99.2	—
Domestic smelters.....	—	1,391	40,475	33,118	27,407	22,329	17,631
Secondary sources.....	23,393	29,700	31,400	31,680	26,190	28,340	27,500
<b>Imports for consumption:</b>							
Metal.....	80,734	124,810	8,493	82,838	65,599	64,815	62,590
Ore (tin content).....	289	3,000	33,479	25,960	22,140	20,112	16,688
<b>Exports (domestic and foreign)</b> .....	2,233	42,664	882	799	822	1,107	1,118
Monthly price of Straits tin at New York.....	31.70	49.82	52.00	95.56	91.81	94.73	101.26
Consumption.....	78,501	97,154	83,583	104,464	82,891	90,483	90,324
World mine production (estimate).....	176,000	238,300	87,000	169,300	179,300	179,900	179,600

<sup>1</sup> Includes Alaska. <sup>2</sup> Includes tin content of ores used to make alloys.<sup>3</sup> Estimate. <sup>4</sup> Foreign only, domestic not separately recorded.<sup>5</sup> Source: American Metal Market. <sup>6</sup> Ceiling price.<sup>7</sup> Apparent consumption, primary only. <sup>8</sup> Includes plant losses.<sup>9</sup> Excludes production of U. S. S. R.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 978.—BAUXITE—SUMMARY: 1920 TO 1956

[Quantities in thousands of long tons; values in thousands of dollars. See also *Historical Statistics, 1789-1945*, series G 127-128 for figures on shipments]

ITEM	1920	1930	1940	1945	1950	1954	1955	1956
Production:								
Crude ore.....			510	1,145	1,585	2,353	2,139	2,061
Dried-bauxite equivalent.....			439	981	1,335	1,995	1,788	1,743
Value.....			1,754	5,591	7,693	16,403	14,543	13,973
Shipments: <sup>1</sup>								
Gross weight <sup>2</sup> .....				1,066	1,452	2,037	2,012	1,901
Dried-bauxite equivalent.....				1,072	1,337	1,766	1,727	1,644
Value.....				7,386	9,549	15,945	15,559	14,453
Imports (crude and dried), quantity <sup>2</sup> .....	43	410	630	740	2,516	5,259	5,225	6,075
Value.....	251	1,996	4,299	5,273	15,730	36,289	36,656	44,414
Exports, quantity <sup>2</sup> .....	22	105	82	126	45	16	14	15
Value.....	1,844	3,777	1,543	2,425	1,156	666	528	834
World production (estimate).....	887	1,603	4,321	3,376	8,050	15,600	16,400	17,400

<sup>1</sup> Shipments from mines and processing plants to consumers.    <sup>2</sup> As shipped.

## No. 979.—ALUMINUM—SUMMARY: 1920 TO 1956

[Quantities in short tons; values in thousands of dollars. See also *Historical Statistics, 1789-1945*, series G 125-126 for earlier data on primary aluminum]

ITEM	1920	1930	1940	1945	1950	1954 <sup>a</sup>	1955	1956
Total production.....	84,521	153,119	286,642	793,447	962,288	1,752,606	1,901,715	2,018,722
Value.....	50,864	68,138	104,624	226,161	316,046	711,406	830,800	968,871
Primary aluminum:								
Production.....	69,021	114,519	206,280	495,060	718,622	1,460,565	1,565,721	1,678,954
Value.....	41,375	50,961	75,292	140,864	235,977	592,837	684,038	805,782
Price per pound (cents) <sup>1</sup> .....	30.61	23.8	18.7	15.0	17.7	21.8	23.7	26.0
Secondary aluminum:								
Production (recovered) <sup>2</sup> .....	15,500	38,600	80,362	298,387	243,666	292,041	335,994	339,768
From old scrap.....	15,500	38,600	45,806	27,311	76,358	59,989	76,372	71,673
From new scrap.....			34,556	271,076	167,308	232,052	259,622	268,095
Value <sup>3</sup> .....	9,499	17,177	29,332	85,297	80,069	118,569	146,762	163,089
Imports, quantity <sup>4</sup> .....	19,650	12,731	18,084	339,285	255,692	243,750	239,475	204,975
Value.....	12,184	4,690	4,737	98,285	67,533	96,290	105,061	127,386
Exports, quantity <sup>4</sup> .....	4,704	8,665	27,841	6,703	23,236	50,096	33,834	67,977
Value.....	3,068	3,916	17,919	3,116	13,345	21,362	19,692	43,769
Apparent consumption, primary aluminum <sup>5</sup> .....	83,967	70,933	227,017	696,750	896,384	1,696,887	1,754,925	1,781,813
World production (estimate).....	141,000	297,000	368,000	959,000	1,640,000	3,090,000	3,470,000	3,710,000

<sup>1</sup> As quoted. N. Y., No. 1 virgin 98-99 percent, 1920; 99-percent-plus virgin, 1930-56. Source: *American Metal Market*.<sup>2</sup> Beginning 1954, not strictly comparable with previous years; 1954-56 data are recoverable aluminum content; previous years are recoverable aluminum-alloy content.<sup>3</sup> Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the *Engineering and Mining Journal* and the *American Metal Market*.<sup>4</sup> Crude and semi-crude (including metal and alloys, plates, bars, etc., and scrap).<sup>5</sup> Not comparable with previous years.<sup>6</sup> Data not available on fluctuations in consumers' stocks 1920-40, and in producers' stocks, 1920.

## No. 980.—MAGNESIUM—SUMMARY: 1930 TO 1956

[In short tons]

ITEM	1930	1940	1945	1950	1954	1955	1956
Production:							
Primary magnesium, ingot equivalent.....	587	6,261	32,792	15,726	69,729	61,135	68,346
Secondary magnesium, ingot equivalent.....		( <sup>1</sup> )	9,247	9,476	8,250	10,246	10,500
Average price per pound, primary (quoted).....	48.0	27.0	20.5	22.0	27.0	29.5	33.9
Exports: <sup>2</sup>							
Metal in primary form.....	( <sup>1</sup> )	859	518	586	3,096	8,230	3,388
Powder, ribbons, etc.....	( <sup>1</sup> )	( <sup>1</sup> )	860	322	195	250	543
Imports, metallic and scrap.....	3	54	843	733	1,844	630	630
Domestic consumption.....	( <sup>1</sup> )	5,766	43,987	18,051	39,218	46,463	53,610
World primary production (estimate).....	( <sup>1</sup> )	42,000	68,000	50,000	136,000	143,000	158,000

<sup>1</sup> Not available.    <sup>2</sup> Beginning 1954, data not comparable with earlier years.<sup>3</sup> Primary and secondary. Other years primary only.    <sup>4</sup> Incomplete data.Source of tables 978-980: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## Section 29

### Construction and Housing

This section presents various measures of construction activity and costs; dwelling units; housing values, facilities, and structural characteristics; and residential financing.

The principal sources of these data are the monthly *Construction Review*, a joint publication of the Business and Defense Services Administration and the Bureau of Labor Statistics, which assembles data on the value of contract awards, construction activity cost and seasonal indexes, housing starts and vacancy rates, building permits, construction materials production, shipments and inventories, materials prices, wage rates and employment; and the *U. S. Census of Housing: 1950*, the reports of the decennial Census of Housing conducted by the Bureau of the Census. Other sources which specialize in particular types of construction or housing statistics are: The monthly *Dodge Statistical Research Service* of F. W. Dodge Corporation, which presents State data on construction contracts; the *Engineering News-Record* issued weekly by the McGraw-Hill Publishing Company, Inc., which contains figures on contract awards and construction costs; the *Annual Report* of the Housing and Home Finance Agency which offers public housing statistics from its Public Housing Administration; and the *Annual Report* of the Federal Home Loan Bank Board which presents home mortgage data. Monthly data on the characteristics of vacant dwelling units are also collected by the Bureau of the Census and are presented quarterly in its *Housing and Construction Reports*.

**Construction.**—Monthly estimates of the value of construction put in place are prepared jointly by the Business and Defense Services Administration and the Bureau of Labor Statistics and appear in the *Construction Review*. Estimates of privately financed nonresidential construction are primarily the responsibility of the Business and Defense Services Administration. Construction estimates for buildings such as stores, warehouses, and factories are based on F. W. Dodge Corporation reports of construction contracts, supplemented by building permit data and information from secondary sources for States which the Dodge Corporation does not cover. Public utility construction estimates are the responsibility of the Business and Defense Services Administration and are derived from data compiled by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations such as the American Gas Association and the American Transit Association.

Statistics for State and local governmental construction of all types are also prepared jointly by the Business and Defense Services Administration and the Bureau of Labor Statistics. These data are derived from reports issued by numerous construction news services such as the *Engineering News-Record* and from official reports issued by State and local government agencies. Estimates of Federally financed construction and housing construction activity are primarily the responsibility of the Bureau of Labor Statistics. Certain of the Federal agencies administer Federally aided construction programs; other agencies administer the construction of Federally owned facilities. Construction activity data of this type are derived by the Bureau of Labor Statistics from the reports of the respective Federal agencies. Estimates of residential construction activity, including number of housing units started, by type of structure and source of funds, and average construction costs are based primarily upon reports of building permits granted which are received from about 7,000 permit-granting authorities. Field surveys on a sample basis are used to obtain data of housing activity in nonpermit areas.

Note.—This section presents data for the most recent year or period available on June 4, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

**Housing.**—The first Census of Housing was taken in 1940, although some housing data were collected by the Bureau of the Census in earlier years in conjunction with Censuses of Population and Agriculture. Housing data were collected in sample surveys by the Bureau of the Census in October 1944, November 1945, April 1947, and May 1948 as part of the Current Population Survey (see page 2 for discussion of Survey). A second Census of Housing was taken in 1950. In 1955, a monthly vacancy survey was begun. Results from this survey are issued on a quarterly basis. Data on home ownership were collected in the Current Population Surveys of February 1956 and February 1957. The 1956 National Housing Inventory, conducted on a sample basis by the Bureau of the Census, provides measurements of the housing supply for the country as a whole and for nine large metropolitan areas. Results of the inventory show the number and characteristics of dwelling units in existence in 1956, as well as the gains and losses through new construction, conversion, and withdrawals since 1950.

**Dwelling units.**—In general, a dwelling unit is a group of rooms or a single room occupied, or intended for occupancy, as separate living quarters by a family or other group of persons living together or by a person living alone. Living quarters of the following types are not included in the dwelling-unit inventory: Rooming houses with five lodgers or more, transient accommodations (tourist courts, hotels, etc.), and barracks for workers (railroad, construction, etc.).

The count of dwelling units in the 1950 Census may be considered comparable with the count in the 1940 Census. Counts of total vacant units in 1950 are considered more inclusive than in 1940. In 1940, vacant units were enumerated only if they were habitable; vacant units which were uninhabitable and beyond repair were omitted. In 1950, all vacant units, whether or not dilapidated, were included if they were intended for occupancy as living quarters.

**Residential financing.**—Statistics on residential financing were collected on a sample basis as part of the 1950 Census of Housing. The survey covered nonfarm residential mortgaged properties, both owner and rental. The data are expressed in terms of mortgaged properties, number of mortgages, and outstanding mortgage debt. Construction mortgages were excluded.

Data on home mortgages and foreclosures, based largely on reports from major holders, are provided by the Federal Home Loan Bank Board. The Federal Housing Administration compiles from its records data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc. The Veterans Administration also compiles from its records data on amounts and types of loans.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series H 1-26") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

FIG. XXXVIII.—VALUE OF PRIVATE AND PUBLIC CONSTRUCTION IN CURRENT DOLLARS: 1940 to 1957

[Represents value of construction put in place. See table 981]

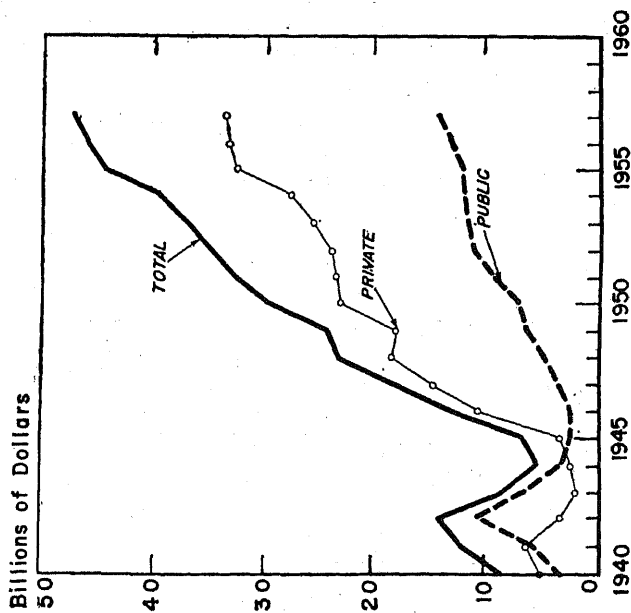
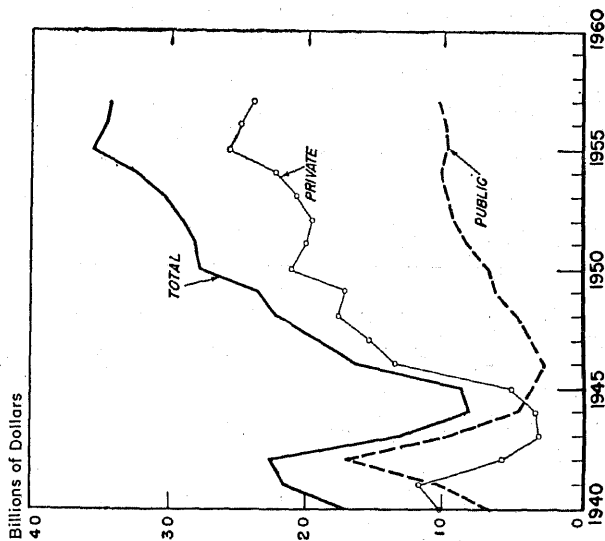


FIG. XXXIX.—VALUE OF PRIVATE AND PUBLIC CONSTRUCTION IN 1947-49 PRICES: 1940 to 1957

[Represents value of construction put in place. See table 982]



Source of figs. XXXVIII and XXXIX: Department of Commerce, Business and Defense Services Administration.

## No. 981.—VALUE OF PRIVATE AND PUBLIC CONSTRUCTION: 1929 TO 1957

[In millions of dollars. Represents value of construction put in place during year; consequently differs from building permit and construction contract data which measure value of work started. In addition, coverage generally broader than permit and contract data. Includes value and cost of installation of equipment which is integral part of structure, but not that of machinery, shipbuilding, or land costs. See also *Historical Statistics, 1789-1946*, series H 1-26]

TYPE OF CONSTRUCTION		1929	1930	1933	1935	1940	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>Total</b>		14,994	12,615	5,357	7,377	12,801	11,905	42,039	46,125	48,993	51,497	54,267	60,424	63,012	( <sup>1</sup> )
<b>New construction</b>		10,793	8,741	2,879	4,232	8,082	5,809	20,955	32,739	34,750	37,118	39,601	44,581	46,060	47,265
Private		8,307	5,883	1,231	1,990	5,054	3,411	22,924	33,520	32,849	26,724	27,679	33,242	33,313	33,313
Nonresidential (nonfarm)		3,625	2,075	470	1,010	2,983	1,276	14,100	23,529	23,842	13,777	15,379	18,705	17,632	16,571
Nonresidential buildings <sup>2</sup>		3,625	2,075	470	1,010	2,983	1,276	14,100	23,529	23,842	13,777	15,379	18,705	17,632	16,571
Industrial		949	532	176	158	1,022	1,020	3,777	5,152	5,014	5,680	6,250	7,611	8,817	9,138
Office buildings and warehouses		619	596	44	75	91	36	402	422	2,320	2,229	2,030	2,390	3,084	3,162
Stores, restaurants, and garages		516	297	86	136	257	147	386	544	515	739	958	1,311	1,684	1,864
Other nonresidential buildings		616	297	86	136	257	147	386	544	515	739	958	1,311	1,684	1,864
Farm construction		307	193	49	126	240	267	1,427	1,664	1,557	1,660	2,008	1,904	2,102	1,706
Operators' dwellings		147	107	29	61	146	190	1,427	1,664	1,557	1,660	2,008	1,904	2,102	2,406
Service buildings		160	86	20	65	93	107	763	883	1,905	1,731	1,645	1,600	1,560	1,590
Public utilities		1,578	1,527	261	363	771	827	3,330	3,729	3,883	3,890	3,069	730	780	744
Railroad		510	521	94	116	167	244	315	399	403	4,416	4,284	4,543	5,113	5,830
Electric light and power <sup>3</sup>		350	377	59	87	311	245	1,268	1,353	1,650	1,829	1,843	353	374	450
Manufactured and natural gas		185	181	35	48	91	141	1,102	1,275	1,090	1,229	1,108	1,247	1,845	2,100
Telephone and telegraph		354	333	45	52	122	17	440	487	570	615	655	805	1,400	1,800
Other public utilities <sup>4</sup>		179	115	28	60	80	60	205	215	265	301	325	350	375	1,080
All other private		103	85	45	28	33	21	112	64	85	130	121	161	120	184
Public		2,486	2,858	1,648	2,233	3,628	2,398	7,001	9,419	10,901	11,394	11,922	11,961	12,818	13,942
Nonresidential		659	660	230	338	615	80	2,384	3,497	4,136	4,556	336	266	292	510
Nonresidential buildings		( <sup>2</sup> )	( <sup>3</sup> )	2	2	164	93	2,384	3,497	4,136	4,556	336	266	292	4,481
Educational		380	364	52	163	196	59	1,133	1,513	1,684	1,771	1,506	721	453	458
Hospital and institutional		101	118	40	58	94	85	496	528	473	365	360	322	249	2,832
Other nonresidential		169	178	127	135	241	38	531	482	368	496	636	733	772	858
Military facilities		19	29	36	37	385	690	381	177	388	1,307	1,030	1,313	1,395	1,275
Highways		1,260	1,516	845	845	1,302	398	2,272	2,518	2,820	3,160	3,870	4,050	4,470	4,840
Sewer and water systems		253	343	85	173	538	97	659	775	790	883	982	1,085	1,275	1,347
Conservation and development		115	137	369	700	528	130	942	912	900	892	773	701	726	975
All other public		174	173	81	139	260	66	222	235	213	250	295	328	488	514
Maintenance and repair		4,201	3,874	2,478	3,145	4,119	6,096	12,084	13,386	14,153	14,379	14,666	15,843	16,952	( <sup>1</sup> )

<sup>1</sup> Not available.

<sup>2</sup> Excludes building by privately owned public utilities.

<sup>3</sup> Public industrial and commercial building not segregable from private construction; amount believed negligible.

<sup>4</sup> Includes construction with REA funds.

<sup>5</sup> Local transit and petroleum pipe lines.

<sup>6</sup> Includes work-relief construction.  
Source: Department of Labor, Bureau of Labor Statistics and Department of Commerce, Business and Defense Services Administration: *Construction Volume and Costs, 1916-1946*, a statistical supplement to *Construction Review* (a joint publication), and records.

**No. 982.—VALUE OF PRIVATE AND PUBLIC CONSTRUCTION ADJUSTED IN 1947-49 PRICES, AND INDEX OF PHYSICAL VOLUME: 1929 TO 1957**  
[In millions of dollars. For description and computation of the various indexes used in the derivation of constant values, see source. See also table 981]

TYPE OF CONSTRUCTION	1929	1930	1933	1935	1940	1945	1950	1951	1952	1953	1954	1955	1956	1957
<b>New construction, total</b>	20,853	17,440	6,631	9,081	16,767	8,681	27,990	28,327	29,123	30,459	32,612	35,702	34,898	34,491
<i>Index of physical volume (1947-49=100)</i>	96	81	87	42	78	40	129	131	135	141	151	165	161	160
<b>Private</b>	16,413	12,047	3,223	4,841	10,124	5,084	21,270	20,015	19,889	20,958	22,526	25,810	24,928	24,071
Residential (nonfarm) <sup>1</sup>	7,250	4,261	1,237	2,506	5,913	1,813	13,019	10,775	10,772	11,363	12,777	15,078	13,613	12,563
Nonresidential buildings <sup>2</sup>	2,564	4,475	1,190	1,255	2,221	1,639	3,566	4,494	4,211	4,655	5,073	6,012	6,587	6,512
Industrial	2,081	1,307	510	1,395	918	999	1,004	1,009	1,009	1,807	1,690	1,946	2,304	2,228
Offices, buildings and warehouses	1,146	1,114	108	167	171	86	396	500	461	640	789	1,084	1,289	1,370
Stores, restaurants and garages	1,117	697	270	394	593	252	828	733	525	857	998	1,472	1,441	1,209
Other nonresidential buildings	1,320	1,357	313	299	539	302	1,338	1,471	1,316	1,351	1,596	1,540	1,553	1,705
Farm construction	622	409	139	314	574	378	1,583	1,616	1,643	1,484	1,420	1,350	1,266	1,263
Operators' dwellings	306	232	85	158	355	144	1,741	1,764	1,781	1,704	1,675	1,643	1,605	1,613
Service buildings	316	177	54	156	219	284	842	852	802	780	745	707	661	650
Public utilities	2,687	2,742	546	709	1,353	1,177	3,001	3,056	3,194	3,362	3,166	3,257	3,381	3,614
Railroad	2,835	898	194	232	313	352	3,299	3,352	3,373	3,363	289	301	317	321
Telephone and telegraph	529	548	93	100	225	167	402	413	470	481	509	615	758	726
Other public utilities	1,323	1,296	259	377	815	658	2,300	2,291	2,351	2,518	2,368	2,341	2,306	2,567
All other private	1,490	160	102	57	63	27	101	54	69	92	90	113	81	119
<b>Public</b>	4,440	5,393	3,408	4,240	6,643	3,647	6,720	8,312	9,234	9,501	10,086	9,892	9,970	10,420
Residential	1,437	1,540	708	924	1,322	1,115	2,321	2,512	2,550	2,459	2,81	213	225	386
Nonresidential buildings	(2)	(2)	6	5	1,322	1,528	2,237	3,050	3,465	3,531	3,738	3,291	3,016	3,175
Industrial	842	854	157	432	333	101	1,061	1,397	1,334	1,434	1,253	1,588	1,338	323
Educational	219	277	150	107	125	148	1,061	1,397	1,375	1,397	1,694	1,888	1,887	2,006
Hospital and institutional	366	418	395	380	527	67	497	496	401	297	286	249	220	236
Other nonresidential	37	60	90	85	780	1,060	171	788	1,195	1,105	872	1,086	1,085	950
Military facilities														
Highways	1,978	2,548	1,567	1,448	2,409	526	2,357	2,349	2,489	2,851	3,089	3,812	3,920	4,102
Sewer and water systems	466	645	205	335	531	140	500	655	639	681	724	769	859	870
Public service enterprises	278	303	131	124	196	80	141	144	129	122	133	167	240	231
Conservation and development	212	258	684	1,200	830	186	839	772	731	688	571	497	556	628
All other public	42	30	23	1,102	180	12	54	42	36	64	78	67	69	78

<sup>1</sup> Excludes building by privately owned public utilities.  
<sup>2</sup> Public housing and commercial building not segregable from private construction; amount believed negligible.

Source: Department of Labor, Bureau of Labor Statistics and Department of Commerce, Business and Defense Service Administration; *Construction Volume and Costs, 1915-1956*, a statistical supplement to *Construction Review* (a joint publication), and records.

## No. 983.—VALUE OF NEW CONSTRUCTION, BY TYPE, FOR SELECTED MONTHS: 1956 TO 1958

[In millions of dollars]

TYPE OF CONSTRUCTION	1956					1957					1958, Mar.
	Mar.	June	Aug.	Oct.	Dec.	Mar.	June	Aug.	Oct.	Dec.	
<b>New construction, total.....</b>	<b>3,179</b>	<b>4,288</b>	<b>4,474</b>	<b>4,302</b>	<b>3,544</b>	<b>3,295</b>	<b>4,308</b>	<b>4,561</b>	<b>4,495</b>	<b>3,667</b>	<b>3,355</b>
Private.....	2,400	3,030	3,122	3,003	2,654	2,405	2,971	3,124	3,059	2,705	2,400
Residential (nonfarm).....	1,259	1,654	1,672	1,580	1,362	1,162	1,459	1,671	1,585	1,345	1,178
New dwelling units.....	1,000	1,235	1,260	1,195	1,045	870	1,070	1,140	1,130	1,005	870
Additions and alterations.....	229	379	371	344	277	258	379	387	357	290	250
Nonhousekeeping.....	30	40	41	41	40	34	40	44	48	50	48
Nonresidential buildings.....	655	761	786	797	772	709	786	805	806	764	664
Industrial.....	226	264	277	278	274	269	270	266	256	248	218
Commercial.....	279	324	316	320	305	264	309	319	332	305	253
Office buildings and warehouses.....	119	140	147	160	157	133	153	167	177	172	156
Stores, restaurants, and garages.....	160	184	169	160	148	131	156	152	155	133	102
Other nonresidential buildings.....	150	173	193	199	198	176	207	220	218	211	188
Religious.....	53	62	71	75	71	63	73	80	80	74	61
Educational.....	39	46	49	49	46	40	43	47	47	44	47
Hospital and institutional.....	25	25	28	31	32	36	43	47	48	48	40
Social and recreational.....	18	23	27	27	26	23	26	29	27	27	26
Miscellaneous.....	15	17	18	17	18	14	22	17	16	18	14
Farm construction.....	111	156	169	180	197	112	159	173	133	100	114
Public utilities.....	368	448	483	454	413	409	518	556	570	483	443
Railroad.....	28	35	41	41	36	35	40	41	42	35	29
Telephone and telegraph.....	80	93	94	100	88	94	90	89	97	86	71
Other public utilities.....	260	320	348	343	289	280	388	426	431	362	343
All other private.....	7	11	12	12	10	13	19	19	15	13	11
Public.....	779	1,258	1,352	1,299	890	890	1,337	1,437	1,436	962	955
Residential.....	18	24	25	30	30	30	40	48	54	57	63
Nonresidential buildings.....	301	358	390	371	324	345	406	414	406	342	343
Industrial.....	31	38	43	42	45	41	43	38	35	32	29
Educational.....	195	221	236	226	201	215	254	259	262	226	221
Hospital and institutional.....	23	25	29	30	23	27	32	29	27	24	28
Other nonresidential buildings.....	52	74	82	73	55	62	77	88	82	60	65
Military facilities.....	90	135	143	141	98	84	110	138	132	88	70
Highways.....	193	501	530	512	239	230	520	550	575	275	270
Sewer and water systems.....	92	115	125	120	100	105	121	129	118	97	105
Public service enterprises.....	27	37	40	35	27	26	38	43	38	25	28
Conservation and development.....	52	79	87	79	65	61	89	103	102	71	68
All other public.....	6	9	12	11	7	9	13	12	11	7	8

## No. 984.—VALUE OF NEW PUBLIC CONSTRUCTION, BY SOURCE OF FUNDS, OWNERSHIP, AND TYPE: 1950 TO 1957

[In millions of dollars]

SOURCE OF FUNDS, OWNERSHIP, AND TYPE OF CONSTRUCTION	1950	1951	1952	1953	1954	1955	1956	1957
<b>Public construction, total.....</b>	<b>7,001</b>	<b>9,419</b>	<b>10,901</b>	<b>11,394</b>	<b>11,922</b>	<b>11,961</b>	<b>12,818</b>	<b>13,942</b>
Federal funds.....	2,090	3,461	4,805	4,851	4,154	3,558	3,635	4,307
Direct Federal.....	1,625	2,982	4,186	4,151	3,445	2,800	2,774	2,958
Federal grants-in-aid <sup>1</sup> .....	465	479	619	700	709	758	861	1,349
State and local funds.....	4,911	5,958	6,096	6,543	7,768	8,403	9,183	9,635
Federally owned.....	1,625	2,982	4,186	4,151	3,445	2,800	2,774	2,958
Residential.....	15	10	16	21	5	2	17	159
Nonresidential buildings.....	499	1,183	1,871	1,928	1,641	802	538	589
Industrial.....	224	974	1,684	1,771	1,506	721	453	458
Educational.....	—	2	18	9	6	6	8	8
Hospital.....	145	132	113	66	35	22	37	45
Other nonresidential.....	129	75	56	82	91	58	90	78
Military facilities.....	177	887	1,388	1,307	1,030	1,313	1,395	1,275
Highways.....	46	42	50	58	55	75	85	95
Conservation and development.....	881	853	854	830	704	598	675	822
All other federally owned.....	7	7	7	7	10	10	14	18
State and locally owned.....	5,376	6,437	6,715	7,243	8,477	9,161	10,044	10,984
Residential.....	330	585	638	535	331	264	275	351
Nonresidential buildings.....	1,885	2,314	2,265	2,418	2,995	3,416	3,484	3,892
Educational.....	1,133	1,511	1,601	1,705	2,125	2,436	2,541	2,824
Hospital.....	350	396	360	299	325	300	261	288
Other nonresidential.....	402	407	304	414	545	680	682	780
Highways.....	2,226	2,476	2,770	3,102	3,815	3,975	4,385	4,745
Sewer and water systems.....	659	775	790	883	982	1,085	1,275	1,347
All other State and locally owned.....	276	287	252	305	354	421	625	649

<sup>1</sup> Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities.

Source of tables 983 and 984: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

# No. 985.—BUILDING PERMIT ACTIVITY—VALUE BY CLASS OF CONSTRUCTION AND OWNERSHIP: 1954 TO 1957

[In thousands of dollars. Covers building activity in all urban and rural-nonfarm localities having building-permit systems. Such localities (approximately 7,000) include about 80 percent of the nonfarm population of the country, according to the 1950 Census. Compiled from estimates of construction costs made by prospective builders when applying for permits to build, and value of contracts awarded by the Federal Government. State and local government construction is reported by local officials]

CLASS OF CONSTRUCTION	1954	1955	1956	1957
<b>All building construction</b> .....	<b>16,485,791</b>	<b>18,938,953</b>	<b>18,787,775</b>	<b>18,142,263</b>
New dwelling units.....	9,855,625	11,535,064	10,149,563	9,220,004
Privately owned.....	9,696,302	11,388,379	9,971,880	8,937,561
1-family.....	8,916,989	10,643,085	9,221,800	7,921,990
2- to 4-family.....	298,605	292,331	302,838	340,255
5-or-more-family.....	480,708	450,964	447,243	675,315
Publicly owned.....	159,323	148,685	177,688	282,443
Nonhousekeeping buildings.....	136,197	161,080	142,287	184,176
New nonresidential buildings.....	5,024,057	5,593,694	6,064,478	6,834,088
Commercial buildings.....	1,591,388	1,858,686	2,184,735	2,223,966
Amusement buildings.....	97,629	99,397	116,063	139,831
Commercial garages.....	60,115	66,696	60,625	57,518
Gasoline and service stations.....	119,925	140,041	165,801	159,117
Office buildings.....	454,144	553,420	628,290	975,683
Stores and other mercantile buildings.....	859,575	999,132	1,014,257	891,817
Community buildings.....	1,875,333	1,946,241	2,263,138	2,478,588
Educational buildings.....	1,177,667	1,242,328	1,431,370	1,491,784
Institutional buildings.....	336,196	307,742	380,336	522,684
Religious buildings.....	361,469	396,171	451,432	464,170
Garages, private residential.....	166,369	187,635	201,921	200,416
Industrial buildings.....	662,275	830,438	1,273,313	1,085,621
Public buildings.....	318,148	306,637	(1)	(1)
Public utilities buildings.....	209,427	273,098	328,379	423,544
All other nonresidential buildings.....	201,118	190,959	412,992	421,652
Additions, alterations, and repairs.....	1,469,912	1,649,115	1,831,447	1,903,997

<sup>1</sup> Beginning 1956, data no longer shown separately for "public buildings." Such buildings have been classified, according to function, into appropriate categories: e. g., office, industrial, institutional, other nonresidential, etc. Revised statistics for 1954-55 are not available but the effect on comparability for any one type of building would be relatively minor.

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

# No. 986.—INDEXES OF WHOLESALE PRICES OF BUILDING MATERIALS: 1950 TO 1957

[1947-49=100]

COMMODITY	1950	1955	1956	1957	COMMODITY	1950	1955	1956	1957
<b>All building materials</b> .....	<b>109.5</b>	<b>125.5</b>	<b>130.6</b>	<b>130.6</b>	<b>Metal products:</b>				
Lumber and wood products:					Structural steel shapes.....	121.1	151.9	162.9	187.5
Lumber.....	114.5	124.4	127.2	119.0	Hardware (finish).....	114.2	140.7	147.7	154.1
Douglas fir.....	117.6	130.5	129.9	119.7	Plumbing equipment.....	108.2	125.4	133.9	130.2
Southern pine.....	108.0	115.2	119.2	116.8	Enameled iron fixtures.....	115.5	130.3	126.9	126.1
Other softwoods.....	118.9	136.8	137.4	114.6	Vitreous china fixtures.....	114.1	118.9	124.2	124.2
Hardwood.....	114.8	118.4	125.9	132.8	Brass fittings.....	100.5	126.5	141.6	137.4
Millwork.....	114.6	128.7	129.1	119.3	Heating equipment.....	105.1	115.0	119.0	122.1
Plywood.....	106.5	105.4	101.7	128.3	Metal doors, sash, trim.....	110.0	139.4	145.6	140.6
Softwood plywood.....	113.8	110.3	100.8	96.4	<b>Nonmetallic mineral items:</b>				
Hardwood plywood.....	101.4	102.6	104.7	91.3	Concrete ingredients.....	106.8	124.8	130.6	136.0
Paint and paint materials:					Portland cement.....	108.0	131.4	139.7	146.9
Prepared paint.....	99.3	114.5	120.0	126.3	Concrete products.....	105.5	118.6	123.0	126.4
Paint materials.....	90.9	96.8	99.6	100.5	Structural clay products.....	112.6	140.1	148.0	154.0
					Gypsum products.....	104.6	122.1	127.1	127.1
					Insulation materials.....	101.1	106.6	101.5	102.8
					<b>Building board</b> <sup>1</sup> .....	<b>107.6</b>	<b>130.9</b>	<b>136.9</b>	<b>141.5</b>

<sup>1</sup> Includes paperboard for 1950.

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

## No. 987.—CONSTRUCTION AND BUILDING COST INDEXES: 1940 TO 1957

[1947-1949=100. Indexes of certain of these firms are published on bases different from those shown here; for factors used in converting to 1947-49 base and for detail discussion, see source publication. For AAC, ENR, and Turner indexes on 1913=100 base, see *Historical Statistics, 1789-1945*, series H 64, 65, and 73]

ITEM	1940	1945	1950	1955	1956	1957
Bureau of Labor Statistics:						
Composite of materials prices and hourly earnings in building construction <sup>1</sup> .....	50.6	66.9	110.3	133.5	139.6	143.1
Wholesale prices of building materials <sup>2</sup> .....	49.4	61.3	109.5	125.5	130.6	130.6
Average hourly earnings in building construction <sup>3</sup> .....	52.6	75.7	111.5	146.1	153.8	163.1
Union hourly wage scales in the building trades <sup>4</sup> .....	63.3	72.2	110.7	141.2	147.7	155.3
Bureau of Public Roads: Highways <sup>5</sup> .....	49.7	75.7	95.6	106.1	113.4	118.1
Department of Commerce: Composite <sup>6</sup> .....	50.1	66.7	106.5	124.6	132.0	137.0
Aberthaw Company: Industrial buildings <sup>7</sup> .....	61.8	75.6	102.8	127.4	( <sup>8</sup> )	145.2
American Appraisal Company: Building construction <sup>9</sup> .....	43.4	57.7	106.4	129.3	135.1	141.0
Associated General Contractors of America: General construction <sup>10</sup> .....	58.4	71.4	110.4	135.7	142.8	149.0
E. H. Boeckh and Associates: <sup>11</sup>						
Small residential structures: Composite.....	50.5	70.1	107.7	123.9	129.4	131.8
Apartments, hotels, and office buildings: Composite.....	54.8	71.3	109.6	130.6	137.0	141.2
Commercial and factory buildings: Composite.....	55.2	71.6	109.5	131.9	138.7	143.7
Engineering News-Record: <sup>12</sup>						
Building construction.....	60.3	71.1	111.6	139.3	145.9	151.2
General construction.....	53.7	68.3	113.2	146.5	153.8	160.7
George A. Fuller Company: Commercial buildings <sup>13</sup> .....	52.7	65.0	101.9	124.2	129.6	136.0
Turner Construction Company: Building construction <sup>14</sup> .....	47.5	63.6	105.2	122.9	134.2	142.0
Whitman Requaardt and Associates (Handy-Whitman Index): <sup>15</sup>						
Public-utility construction:						
Building.....	53.3	65.8	111.9	141.2	154.3	165.0
Gas plant.....	57.9	68.3	111.0	142.0	154.9	165.0
Electric light and power <sup>16</sup> .....	62.4	68.9	112.9	145.8	159.0	169.0

<sup>1</sup> Represents combination of indexes of wholesale prices of building materials (weighted 61.4 percent) and average of hourly earnings in building construction (weighted 38.6 percent).

<sup>2</sup> Covers materials either (a) physically incorporated as integral part of a building or (b) normally installed during construction and not removable without seriously impairing building. Excludes consumer durables, as kitchen ranges, refrigerators, etc.

<sup>3</sup> Covers both full- and part-time construction workers through working foreman level, engaged on-site or off-site in actual construction work (including preassembly and precutting operations) who are employed by general contractors and by subcontractors engaged in special trades, such as plumbing, painting, etc. Excludes all non-construction workers employed by these firms.

<sup>4</sup> Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of June 1 for 1940; July 1, thereafter.

<sup>5</sup> Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforced steel, structural steel, and structural concrete).

<sup>6</sup> Covers both building and nonbuilding construction excluding maintenance and repair. Represents a weighted average of various indexes both private and government used for different types of construction.

<sup>7</sup> Represents composite of 36 major cost items in construction of 5 types (3 4-story and 2 1-story) of industrial buildings in New England. Confined to labor, materials, and other costs actually required (including insurance, taxes other than Federal and State income, and contributions to union health and welfare fund) for construction of the building. Excludes home-office overhead, profit on the job, and architectural and engineering fees.

<sup>8</sup> Not available.

<sup>9</sup> 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 materials and labor prices for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit.

<sup>10</sup> Covers both building and nonbuilding construction. Wages and materials for 12 cities combined in 40-6 ratio. Wages are for hod carriers and common laborers only. Materials weighted: Sand, gravel, crushed stone, cement, common brick, and lumber, 1 each; hollow tile,  $\frac{1}{2}$ ; and structural and reinforcing steel (together)  $\frac{1}{4}$ . Excludes taxes and employee-benefit costs.

<sup>11</sup> Average of 20 cities for types shown. Weights based on surveys of actual building costs and vary with different types of structures. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and social security payroll taxes. Unweighted averages from Boeckh series prepared by Department of Commerce, Business and Defense Services Administration.

<sup>12</sup> Building construction index computed on basis of hypothetical unit of construction requiring 6 bbls. of portland cement, 1,088 M bd. ft. measures of 2" x 4" lumber, 2,500 lbs. 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. Not adjusted for changes in materials availability, competitive conditions, efficiency of plant and management, productivity, or related factors.

<sup>13</sup> Composite of 36 major cost elements in 3 commercial-type buildings including structural elements and elevators, wiring, plumbing, heating, and ventilating. Job costs include both skilled and unskilled labor, and series reflects employee-benefit costs.

<sup>14</sup> 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.

<sup>15</sup> Based on data covering public utility construction costs (building construction, gas plant construction, and electric light and power construction) for 95 items in 6 geographical regions of the U. S. Job costs include both skilled and common labor. Indexes do not reflect tax payments nor employee-benefit costs. Department of Commerce has converted these series to a 1947-49 base, and combined the various items into a single index.

<sup>16</sup> As derived by Department of Commerce; covers steam production plants only; excludes hydraulic plants.

Source: Department of Labor, Bureau of Labor Statistics; *Construction Cost Indexes* (Report No. 73) and records.



### No. 988.—VALUE OF CONTRACT AWARDS FOR NEW PUBLIC CONSTRUCTION, BY OWNERSHIP AND TYPE OF CONSTRUCTION: 1955 TO 1957

[In millions of dollars. Includes force-account construction (work done by government agencies own employees to perform nonmaintenance construction) and major additions and alterations. Federal excludes classified military projects but includes projects for Atomic Energy Commission. State and local represents work under the jurisdiction of State, county, municipal, or other non-Federal governmental units and includes projects under Federal-aid programs]

OWNERSHIP AND TYPE OF CONSTRUCTION	1955	1956	1957	OWNERSHIP AND TYPE OF CONSTRUCTION	1955	1956	1957
All public construction.....	9,001	10,372	11,413	State and locally owned.....	7,445	8,335	9,157
Federally owned.....	1,556	2,037	2,256	Residential building.....	210	253	327
Residential building.....	61	128	407	Nonresidential building.....	2,842	3,203	3,410
Nonresidential building.....	886	909	729	Highway.....	2,934	3,212	3,825
Airfields.....	157	156	181	Sewerage systems.....	502	659	619
Conservation and develop- ment.....	272	511	560	Water supply facilities.....	394	441	415
Highway.....	59	92	91	Utilities.....	378	336	364
Electric power utilities.....	44	177	140	All other State and locally owned.....	185	231	197
All other federally owned.....	78	64	148				

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

### No. 989.—FEDERAL EXPENDITURES FOR PUBLIC WORKS: 1957 AND 1958

[In millions of dollars. From budget accounts and trust funds. For years ending June 30. Comprises direct Federal works and grants and loans to State and local governments for public works]

FUNCTION AND TYPE OF FACILITY	1957	1958 esti- mate	FUNCTION AND TYPE OF FACILITY	1957	1958 esti- mate
Civil public works, total <sup>1</sup> .....	2,243	3,482	Natural resources—Continued		
Veterans' services and benefits.....	40	43	Roads, buildings, and utilities on		
Hospitals and other facilities.....	36	39	Indian lands.....	14	14
Cemeteries and memorials.....	4	3	Helium plant and laboratories.....	4	1
U. S. Soldiers' Home (trust fund).....	( <sup>2</sup> )	( <sup>3</sup> )	Fish hatcheries and wildlife refuges..	3	6
International affairs and finance.....	9	24	Parkways, roads, and utilities in na- tional parks.....	35	51
Radio facilities.....	( <sup>2</sup> )	2	Anthracite mine drainage facilities..	( <sup>2</sup> )	2
Department of State and foreign service buildings.....	9	22	Commerce and housing.....	1,125	2,077
Labor and welfare.....	127	219	Water transportation aids.....	1	10
Hospitals and health centers.....	44	57	Federal-aid highways (trust fund)....	953	1,752
Medical research facilities.....	3	13	Forest highways and other roads.....	35	37
Other research facilities and mu- seums.....	3	6	Airports.....	21	44
Waste treatment works.....	1	31	Air navigation facilities.....	24	55
Schools.....	75	103	Aeronautical research facilities.....	12	19
Federal prison facilities.....	2	3	Defense housing, civil defense and community facilities (net).....	4	23
Office building (trust fund).....	( <sup>2</sup> )	6	Public works in Alaska and Virgin Islands.....	10	9
Agriculture and agricultural resources..	48	61	Low-rent public housing (net).....	3	<sup>3</sup> 1
Grain storage facilities.....	31	33	College housing (net).....	48	97
Research facilities.....	2	4	Post office improvements.....	14	32
Watershed and flood prevention works..	15	24	General government: Government buildings and facilities.....	54	102
Natural resources.....	841	958	Major national security public works, total.....	2,249	2,177
Water resources and related projects for irrigation, water supply, flood control, navigation, and power.....	752	847	Military public works.....	1,959	1,962
Forest roads and other structures.....	32	36	Atomic energy facilities.....	263	214
			Nickel plant.....	28	( <sup>2</sup> )

<sup>1</sup> Nonconstruction costs excluded; proposed legislation included.

<sup>2</sup> Less than \$500,000.

<sup>3</sup> Deduct.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the U. S. Government, 1959*, Special Analysis F.

# No. 990.—CONSTRUCTION CONTRACTS—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1929 TO 1957

[Value in millions of dollars; floor space in millions of square feet. Covers 37 States through 1956, and 48 States beginning 1956, i. e., for purposes of comparison, data for 1956 are shown for both coverages. (See table 991 for States covered.) See also *Historical Statistics, 1789-1946*, series H 51-57]

ITEM AND YEAR	Total <sup>1</sup>	NONRESIDENTIAL BUILDINGS								Residential buildings <sup>1</sup>	Public works	Utilities
		Commercial <sup>2</sup>	Industrial	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous <sup>2</sup>			
<b>Value:</b>												
1929.....	5,750.8	929.2	545.9	369.6	152.2	120.8	106.1	146.6	54.9	1,015.7	940.1	460.6
1930.....	4,523.1	616.3	256.6	366.2	163.1	139.8	92.8	116.6	70.9	1,101.3	969.6	620.8
1932.....	1,255.7	99.4	127.5	38.9	37.3	50.9	17.7	27.2	18.7	249.3	504.5	84.5
1935.....	1,844.5	164.6	108.9	168.3	47.1	97.8	23.7	54.9	16.0	478.8	589.1	95.7
1940.....	4,004.0	318.3	442.4	147.2	94.1	80.2	45.7	62.6	104.2	1,596.9	831.3	281.1
1945.....	3,299.3	346.4	1,027.0	100.2	112.6	15.9	34.8	60.3	153.2	563.5	452.6	402.8
1950.....	10,592.0	1,208.5	1,142.3	1,179.8	655.2	124.3	336.3	261.3	273.9	8,832.0	1,930.0	048.4
1951 <sup>3</sup> .....	17,150.9	915.3	2,883.3	1,334.6	580.8	158.2	299.3	136.4	514.6	7,605.1	1,824.0	899.2
1952 <sup>3</sup> .....	18,070.2	978.2	2,558.1	1,471.6	443.7	233.2	317.5	153.4	538.3	7,962.8	2,267.6	1,144.8
1953 <sup>3</sup> .....	18,804.2	1,489.4	2,051.4	1,720.0	433.6	202.7	384.7	221.8	452.3	7,839.9	2,808.6	1,190.9
1954.....	20,595.6	1,615.5	1,274.1	2,062.7	518.8	249.2	486.3	251.6	452.1	9,343.7	3,094.6	1,046.0
1955.....	24,631.6	2,359.4	1,877.6	2,134.1	474.6	300.6	551.4	269.6	529.6	11,071.6	3,623.4	1,439.8
1956 <sup>4</sup> .....	24,627.7	2,581.0	1,917.6	2,913.9	559.0	320.6	590.5	321.6	401.6	10,041.6	4,162.7	1,417.6
1956 <sup>4</sup> .....	31,612.2	3,139.9	2,380.9	2,893.0	678.3	427.8	681.1	422.0	594.9	12,862.0	5,427.6	2,114.5
1957.....	32,173.4	3,266.8	2,168.1	2,936.3	869.7	469.8	698.8	428.5	455.2	13,039.0	5,465.8	2,375.4
<b>Floor space:</b>												
1929.....	791.1	161.3	105.5	58.6	19.5	12.6	12.8	21.5	5.8	387.7	0.5	5.4
1930.....	510.4	96.6	48.0	57.0	19.1	17.0	10.9	18.1	7.2	230.0	0.8	7.6
1932.....	147.1	22.6	19.0	5.5	5.6	9.5	2.6	5.6	2.2	72.8	0.2	1.5
1935.....	251.6	35.4	20.6	26.0	6.2	13.5	3.5	7.9	0.9	135.4	0.9	1.1
1940.....	690.5	66.6	94.8	24.8	14.4	11.9	7.1	11.9	36.7	420.5	0.3	1.5
1945.....	412.4	63.2	158.2	12.5	11.3	1.9	4.6	8.1	26.4	111.2	1.3	13.7
1950.....	1,474.8	122.4	114.9	110.6	44.5	9.5	29.4	24.2	27.0	989.0	-----	2.4
1951.....	1,279.1	77.2	148.2	109.5	37.9	10.8	25.1	11.3	50.1	805.2	( <sup>5</sup> )	3.7
1952.....	1,288.2	82.1	114.8	106.7	26.2	14.7	22.3	11.7	62.4	845.1	( <sup>5</sup> )	2.2
1953.....	1,305.7	122.9	111.7	124.2	22.9	13.1	27.7	17.3	49.8	814.4	( <sup>5</sup> )	1.6
1954.....	1,498.2	137.5	100.2	154.1	27.7	15.8	33.9	18.9	43.5	953.4	( <sup>5</sup> )	1.1
1955.....	1,695.3	173.2	124.8	154.9	23.2	17.9	36.7	20.4	53.4	1,088.8	( <sup>5</sup> )	2.1
1956 <sup>4</sup> .....	1,552.0	196.4	140.6	167.2	26.7	18.5	40.7	22.2	29.3	914.7	( <sup>5</sup> )	0.8
1956 <sup>4</sup> .....	2,017.1	244.4	192.1	199.8	33.4	27.4	47.9	29.7	48.1	1,193.5	( <sup>5</sup> )	0.8
1957.....	2,033.1	244.5	176.2	207.0	39.8	27.2	49.7	31.4	32.7	1,194.5	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> Figures revised beginning 1950; therefore not comparable with prior years.

<sup>2</sup> Nonindustrial warehouses included with Miscellaneous prior to 1956 (37 States); with Commercial thereafter.

<sup>3</sup> Includes data for Atomic Energy Commission projects for which floor space data are excluded because of security reasons, as follows (in millions): 1951, \$980; 1952, \$923; 1953, \$470.

<sup>4</sup> See headnote regarding coverage. Only figures in italics are comparable with preceding years.

<sup>5</sup> No longer reported.

Source: The F. W. Dodge Corporation, New York, N. Y.; figures published currently in *Dodge Statistical Service*.

## No. 991.—CONSTRUCTION CONTRACTS—VALUE, BY STATES: 1940 TO 1957

[In thousands of dollars. See headnote, table 990. Represents value of construction in States in which work was actually done. Beginning 1956, shown on revised basis; therefore not comparable with prior years. Revised data, 1950-1955, shown in table 990 not available on a State distribution (see footnote 1, table 990)]

STATE	1940	1950	1953	1954	1955	1956	1957
<b>Total</b> <sup>1</sup> .....	4,003,957	14,501,055	17,443,463	19,770,207	23,745,277	31,612,196	32,173,412
Alabama.....	56,630	226,588	198,765	239,611	319,897	424,960	377,158
Arizona.....	.....	.....	.....	.....	.....	311,262	484,717
Arkansas.....	29,103	126,076	89,260	147,006	138,566	173,887	216,502
California.....	.....	.....	.....	.....	.....	4,058,692	4,023,750
Colorado.....	.....	.....	.....	.....	.....	594,451	465,829
Connecticut.....	84,789	289,850	358,585	473,221	555,353	664,979	603,048
Delaware.....	16,612	62,418	77,364	85,418	113,609	135,786	112,066
District of Columbia.....	64,700	96,514	95,241	101,383	118,887	98,865	165,710
Florida.....	167,058	531,988	709,219	854,120	1,047,215	1,141,498	1,358,527
Georgia.....	91,277	296,170	341,787	401,046	480,426	493,467	537,445
Idaho.....	.....	.....	.....	.....	.....	108,771	138,672
Illinois.....	257,592	929,827	1,155,936	1,330,184	1,920,609	2,008,028	2,036,352
Indiana.....	125,990	389,153	438,071	645,543	649,021	724,161	790,306
Iowa.....	58,801	193,960	141,701	189,724	271,154	340,260	370,710
Kansas.....	51,989	213,574	229,087	394,453	511,764	345,895	383,353
Kentucky.....	56,555	191,187	285,762	343,289	374,853	397,725	453,217
Louisiana.....	70,066	311,198	462,487	497,838	612,175	648,261	629,631
Maine.....	13,774	39,599	65,897	108,549	154,203	110,151	104,567
Maryland.....	122,564	536,264	484,161	610,073	821,456	612,879	603,494
Massachusetts.....	150,145	455,577	557,237	624,822	758,733	750,504	860,187
Michigan.....	216,788	837,635	871,221	1,202,342	1,329,032	1,434,717	1,364,275
Minnesota.....	66,132	301,443	347,666	445,680	511,687	558,831	572,190
Mississippi.....	62,098	103,475	131,817	125,724	171,879	174,483	277,762
Missouri.....	121,989	368,465	458,698	554,401	688,081	619,815	574,729
Montana.....	.....	.....	.....	.....	.....	213,965	139,069
Nebraska.....	25,568	106,071	121,970	182,989	221,331	196,345	227,451
Nevada.....	.....	.....	.....	.....	.....	87,391	85,171
New Hampshire.....	11,574	33,879	37,110	94,680	85,988	85,783	104,152
New Jersey.....	164,567	747,771	793,889	886,947	1,010,469	1,106,452	1,048,449
New Mexico.....	.....	.....	.....	.....	.....	187,426	255,958
New York.....	474,231	1,766,684	2,176,196	2,262,968	2,654,712	2,901,465	3,115,249
North Carolina.....	80,843	287,820	253,963	267,840	353,046	401,505	444,849
North Dakota.....	7,335	62,790	105,563	59,785	84,680	108,396	139,815
Ohio.....	266,959	978,181	2,200,816	1,634,937	2,034,587	2,024,070	1,888,369
Oklahoma.....	54,367	252,963	230,160	309,732	433,724	367,798	364,636
Oregon.....	.....	.....	.....	.....	.....	298,484	298,844
Pennsylvania.....	268,456	1,137,735	1,163,001	1,484,856	1,539,117	1,472,320	1,544,051
Rhode Island.....	55,203	90,192	75,814	78,271	92,959	110,179	102,726
South Carolina.....	48,833	134,229	169,276	178,609	233,026	251,821	235,043
South Dakota.....	9,817	62,002	68,593	68,165	87,118	116,713	118,807
Tennessee.....	106,367	396,578	369,179	375,391	468,658	411,930	392,133
Texas.....	253,552	1,071,502	1,180,764	1,334,340	1,487,489	1,614,295	1,690,530
Utah.....	.....	.....	.....	.....	.....	191,421	226,648
Vermont.....	9,210	20,896	21,562	39,879	34,747	51,557	75,104
Virginia.....	168,893	392,667	442,373	542,627	665,979	654,075	659,457
Washington.....	.....	.....	.....	.....	.....	798,909	685,750
West Virginia.....	40,613	95,858	161,955	147,225	136,688	222,016	229,176
Wisconsin.....	82,527	332,326	375,317	506,539	562,369	632,838	670,894
Wyoming.....	.....	.....	.....	.....	.....	133,714	107,224

<sup>1</sup> Total for 37 States through 1955, 48 States beginning 1956.

Source: The F. W. Dodge Corporation, New York, N. Y.; figures published currently in *Dodge Statistical Service*.

## No. 992.—CONSTRUCTION CONTRACTS AWARDED—INDEXES OF VALUE: 1929 TO 1958

[1947-49=100, 1920-55; 1956-57=100, beginning 1956. Indexes are derived from monthly figures of construction contracts reported by F. W. Dodge Corporation. Reports covered 37 States through 1955, and 48 States thereafter. Indexes through 1955 based on 3-month moving average, centered at middle month; indexes beginning 1956 based on monthly data. More detailed description of old index, including seasonal adjustments, obtainable from Division of Research and Statistics, Board of Governors of the Federal Reserve System]

YEAR	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other
1929.....	63	52	70	1957:			
1930.....	49	30	62	January.....	87	76	94
1933.....	14	7	18	February.....	81	81	81
1935.....	20	13	25	March.....	116	103	125
1940.....	44	43	44	April.....	105	114	98
1945.....	36	16	50	May.....	128	120	133
1946.....	82	87	79	June.....	121	105	132
1947.....	84	86	83	July.....	109	119	102
1948.....	102	98	105	August.....	106	119	97
1949.....	113	116	111	September.....	96	107	89
1950.....	159	185	142	October.....	98	108	92
1951.....	171	170	172	November.....	89	86	91
1952.....	183	183	183	December.....	75	70	78
1953.....	192	178	201	1958:			
1954.....	215	232	204	January.....	78	72	82
1955.....	261	280	248	February.....	74	67	78
1956.....	99	99	99	March.....	102	99	105
1957.....	101	101	101	April.....	108	115	104

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

## No. 993.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED AND BACKLOG OF PROPOSED CONSTRUCTION—VOLUME, BY TYPE: 1930 TO 1957

[In millions of dollars. Covers continental U. S. construction projects of following minimum costs: For 1935, waterworks, excavation, drainage, and irrigation, \$10,500; other public works, \$17,500; industrial buildings, \$28,500; other buildings, \$105,000. For 1930, 1940, and 1945, minimums were \$15,000, \$25,000, \$40,000, and \$150,000. For 1950, minimums were \$28,000, \$50,000, \$85,000, and \$250,000. For 1951-54, minimums were \$34,000, \$60,000, \$82,000, and \$300,000. For 1955-57, minimums used were \$44,000, \$73,000, \$93,000, and \$344,000]

YEAR	Total	PUBLIC WORKS						PRIVATE BUILDINGS		Un-classified
		Water-works	Sewer-age	Bridges <sup>1</sup>	Earth-work, irr., drain.	Streets, roads	Build-ings	Indus-trial	Com-mercial	
CONTRACTS AWARDED										
1930-----	3,173	49	83	131	77	585	356	331	1,034	528
1935-----	1,590	81	100	98	259	325	298	172	109	148
1940-----	3,987	70	91	120	234	678	1,196	594	400	603
1945-----	2,289	61	35	53	57	227	463	635	387	371
1950-----	13,342	215	287	369	417	1,268	<sup>2</sup> 3,754	1,683	4,092	1,256
1951-----	13,605	209	335	316	505	1,167	<sup>2</sup> 2,701	4,124	2,632	1,617
1952-----	<sup>3</sup> 15,689	231	304	413	496	1,397	<sup>2,4</sup> 4,899	2,722	3,845	1,382
1953-----	15,171	247	431	752	374	1,793	<sup>2</sup> 2,112	3,178	4,621	1,663
1954-----	14,412	245	388	510	339	1,919	<sup>2</sup> 2,017	1,876	5,653	1,465
1955-----	18,722	314	402	546	546	2,137	<sup>2</sup> 1,987	2,951	7,794	2,046
1956-----	21,712	356	579	622	730	2,475	<sup>2</sup> 2,417	5,335	7,358	1,841
1957-----	17,986	369	556	781	969	2,965	<sup>2</sup> 2,995	3,081	4,795	1,475
BACKLOG OF PROPOSED PROJECTS (DEC. 31)										
1950-----	52,113	1,387	2,182	1,692	7,282	4,598	12,050	5,753	6,963	10,206
1951-----	62,147	1,432	2,372	2,030	7,444	5,129	13,569	9,400	7,993	12,777
1952-----	68,728	1,533	2,762	2,266	7,983	5,614	14,737	10,593	9,439	13,801
1953-----	74,056	1,582	2,902	2,366	8,601	7,315	14,994	10,716	11,306	14,274
1954-----	79,702	1,647	2,916	2,342	9,334	8,599	15,111	11,740	12,947	15,066
1955-----	93,053	1,900	2,988	2,760	11,293	11,313	16,405	14,302	15,767	16,235
1956-----	104,249	2,229	3,214	3,043	11,416	12,672	18,884	16,139	18,210	18,442
1957-----	111,482	2,422	3,362	3,401	12,370	13,180	20,208	16,774	20,253	19,513

<sup>1</sup> Includes private; amount of contracts awarded in 1957, \$9,426,000.

<sup>2</sup> Includes contracts awarded for atomic energy plants as follows (in millions): 1950, \$2,020; 1951, \$123; 1952, \$2,329; 1953, \$72; 1954, \$19; 1955, \$131; 1956, \$42; 1957, \$64.

<sup>3</sup> Deduct \$400 million for cost savings on Portsmouth, Ohio, atomic energy plant originally estimated to cost \$1.2 billion.

Source: Engineering News-Record, New York, N. Y.

# No. 994.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE, BY STATES: 1957

[In thousands of dollars. Covers continental U. S. construction projects of following minimum costs: Waterworks excavation, and irrigation, \$44,000; other public works, \$73,000; industrial buildings, \$93,000; other buildings \$944,000]

STATE	Total	PUBLIC WORKS CONTRACTS						PRIVATE BUILD- ING CONTRACTS		Un- clas- sified
		Water- works	Sewer- age	Bridges <sup>1</sup>	Earth- work, irr., drain.	Streets, roads	Build- ings <sup>2</sup>	Indus- trial	Com- mer- cial	
United States...	17,985,845	369,027	556,038	781,413	969,393	2,964,563	2,994,544	3,081,018	4,795,347	1,474,502
Alabama.....	222,514	1,310	569	4,309	4,523	31,297	65,786	84,471	10,986	19,263
Arizona.....	195,536	2,245	2,245	2,350	127,348	17,344	17,344	1,400	4,000	20,195
Arkansas.....	109,450	3,260	1,128	8,288	6,349	12,473	9,935	50,454	12,101	5,462
California.....	1,720,919	66,246	96,107	31,559	151,217	218,611	383,220	180,647	369,019	224,293
Colorado.....	195,461	3,694	3,113	9,061	3,121	48,699	42,608	11,335	21,363	52,467
Connecticut.....	499,467	2,773	11,237	30,997	4,822	59,595	86,144	91,948	200,258	11,693
Delaware.....	120,095	1,166	1,166	1,131	2,206	14,289	31,691	7,388	59,892	2,332
Dist. of Columbia.....	125,130	1,693	4,875	6,400	444	7,140	53,308	1,578	47,881	1,811
Florida.....	529,158	6,789	11,232	26,743	10,281	67,006	96,114	106,726	166,166	38,101
Georgia.....	176,857	6,530	4,188	4,081	16,419	44,816	68,510	8,946	12,075	11,292
Idaho.....	59,416	194	82	4,131	4,783	14,290	23,152	7,751	422	4,611
Illinois.....	1,155,958	15,554	48,118	135,921	6,877	324,248	113,038	207,754	256,864	47,584
Indiana.....	398,111	3,786	19,668	9,201	1,001	28,801	34,247	245,773	45,335	10,299
Iowa.....	224,470	3,085	6,478	23,720	9,467	81,333	27,900	13,097	26,984	32,406
Kansas.....	197,646	6,546	6,724	13,732	7,473	41,621	62,451	28,249	22,039	8,811
Kentucky.....	200,770	1,000	6,247	599	8,352	44,790	67,626	46,627	19,098	6,431
Louisiana.....	353,946	7,951	8,744	9,538	26,652	48,019	76,647	77,669	49,669	49,067
Maine.....	49,663	423	702	3,211	1,065	13,085	5,826	1,850	9,736	13,706
Maryland.....	372,649	6,202	8,904	9,533	3,784	40,745	135,871	37,909	110,283	13,418
Massachusetts.....	479,874	4,299	8,842	3,577	19,785	58,237	78,445	117,519	155,366	33,804
Michigan.....	827,240	34,491	32,071	45,822	34,685	98,223	140,234	80,448	332,543	28,682
Minnesota.....	277,800	4,133	19,164	9,451	2,311	47,276	59,745	74,194	48,675	12,551
Mississippi.....	82,029	-----	-----	1,258	5,016	47,965	2,524	6,000	5,431	13,835
Missouri.....	375,401	13,023	7,320	30,120	20,737	51,475	73,564	62,852	100,465	15,546
Montana.....	72,060	1,557	299	4,357	10,960	20,989	8,826	6,298	350	18,424
Nebraska.....	122,919	1,046	2,830	4,871	7,209	26,451	26,606	1,707	12,435	39,704
Nevada.....	54,093	-----	-----	1,261	1,261	13,810	15,159	-----	1,201	22,662
New Hampshire.....	49,087	116	671	2,668	160	13,913	20,095	2,604	7,497	1,368
New Jersey.....	815,399	3,603	8,301	7,482	3,892	38,952	106,384	95,436	529,057	22,292
New Mexico.....	92,749	51	-----	7,269	2,867	34,236	13,423	7,860	2,692	24,351
New York.....	1,921,941	53,715	48,294	117,504	95,657	259,720	264,934	165,278	785,311	131,528
North Carolina.....	143,858	3,751	8,791	19,324	852	49,186	38,014	10,058	2,068	11,814
North Dakota.....	102,506	2,498	1,123	5,304	15,801	27,378	5,674	2,481	3,531	38,716
Ohio.....	1,276,409	24,178	54,347	10,916	3,569	185,668	105,358	451,539	383,727	57,117
Oklahoma.....	220,638	3,733	6,620	11,004	2,314	51,433	40,915	65,709	21,118	17,792
Oregon.....	175,996	8,548	2,349	6,547	51,185	39,662	26,295	9,995	8,466	22,949
Pennsylvania.....	985,115	11,894	34,477	52,287	13,878	170,253	132,896	150,140	391,062	28,228
Rhode Island.....	82,506	656	527	5,089	3,042	10,447	12,792	21,364	15,741	12,848
South Carolina.....	139,075	160	-----	8,451	12,286	24,231	24,536	39,697	4,568	25,146
South Dakota.....	81,385	704	534	9,532	39,413	14,835	8,139	984	1,557	5,737
Tennessee.....	138,249	1,058	2,813	3,476	1,917	55,691	45,653	12,115	6,625	5,871
Texas.....	1,325,965	42,838	30,428	17,745	29,302	227,511	135,911	270,135	380,261	191,781
Utah.....	104,301	484	6,910	1,409	8,040	15,299	18,103	15,313	13,440	25,803
Vermont.....	30,666	129	130	120	8,553	9,705	5,786	180	4,483	1,580
Virginia.....	206,139	591	3,373	13,881	716	67,394	47,133	23,911	28,392	20,748
Washington.....	482,038	8,427	10,383	30,569	152,802	45,241	54,890	91,703	35,973	52,050
West Virginia.....	66,088	-----	1,191	3,092	1,507	19,287	14,913	12,802	8,700	4,596
Wisconsin.....	274,982	5,711	22,187	7,943	244	51,103	58,140	69,093	51,069	9,492
Wyoming.....	72,121	507	536	5,840	23,248	27,490	8,037	2,000	372	4,031

<sup>1</sup> Includes bridges under private contracts amounting to \$9,426,000.

<sup>2</sup> Includes \$56,016,000 in contracts awarded for atomic energy plants.

Source: Engineering News-Record, New York, N. Y.

NO. 995.—BUILDING CONSTRUCTION IN CITIES OF 100,000 INHABITANTS OR MORE—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1950  
TO 1957

[Valuation figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. No land costs are included. For type of building covered, see table 985. Cities shown here had a population of 100,000 or more in 1950]

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1950	1954	1955	1956	1957 (prel.)	1950	1954	1955	1956	1957 (prel.)
Akron, Ohio	33,343	30,900	33,453	42,182	37,521	2,041	1,249	1,421	1,637	1,280
Albany, N. Y.	11,063	6,248	13,529	9,540	8,940	949	199	228	250	237
Allentown, Pa.	11,267	9,176	12,734	13,601	8,274	456	524	528	437	367
Atlanta, Ga.	48,569	92,310	75,249	58,172	58,508	3,773	4,410	3,130	2,321	2,159
Austin, Tex.	39,622	45,146	40,934	45,484	42,339	2,837	1,839	1,927	1,549	1,205
Baltimore, Md.	91,430	75,022	87,551	64,750	86,480	7,918	3,709	3,642	1,915	3,038
Baton Rouge, La.	18,695	29,735	36,323	41,410	38,406	1,807	1,709	2,276	1,981	2,019
Berkeley, Calif.	14,888	8,067	10,314	12,415	11,657	438	426	565	488	583
Birmingham, Ala.	38,236	25,475	37,006	36,321	35,941	4,019	1,838	2,078	1,533	1,919
Boston, Mass.	68,078	32,965	41,185	47,580	43,484	2,353	647	844	575	396
Bridgeport, Conn.	16,710	7,761	10,226	16,053	8,873	1,301	492	583	436	313
Buffalo, N. Y.	20,810	20,737	27,935	41,709	21,001	1,355	1,066	989	1,799	605
Cambridge, Mass.	6,424	3,960	11,093	7,600	10,328	55	19	10	14	10
Camden, N. J.	8,527	11,165	7,727	8,695	3,025	805	85	134	112	42
Canton, Ohio	7,886	5,809	7,778	8,080	6,604	517	263	482	200	162
Charlotte, N. C.	32,049	23,181	27,107	25,954	19,325	3,136	1,115	1,436	911	659
Chattanooga, Tenn.	12,336	11,489	9,555	12,008	11,750	982	636	401	430	422
Chicago, Ill.	270,079	235,980	286,280	296,576	322,847	16,196	12,281	17,575	12,455	10,647
Cincinnati, Ohio	61,471	41,318	47,904	52,207	63,303	2,349	1,640	1,120	1,111	1,842
Cleveland, Ohio	66,492	62,177	79,140	92,947	81,385	2,913	1,655	2,004	1,456	2,087
Columbus, Ohio	48,733	44,263	50,155	60,384	72,000	4,549	1,866	2,200	2,967	2,972
Corpus Christi, Tex.	29,919	34,253	29,981	20,929	17,854	2,661	3,012	2,144	1,139	819
Dallas, Tex.	132,949	140,391	166,612	132,914	135,255	12,197	10,267	9,379	4,643	5,231
Dayton, Ohio	21,625	19,953	39,871	24,864	19,732	1,743	894	1,389	670	342
Denver, Colo.	66,275	79,193	77,136	73,159	58,088	6,911	5,483	5,392	3,459	2,349
Des Moines, Iowa	24,877	22,228	31,219	27,404	30,716	1,842	1,022	1,250	839	787
Detroit, Mich.	209,274	129,759	143,657	110,821	127,407	13,565	4,715	3,695	2,660	2,259
Duluth, Minn.	7,562	7,712	8,513	11,291	10,737	651	267	354	407	457
Elizabeth, N. J.	6,897	5,314	3,066	6,097	4,356	768	456	110	135	155
El Paso, Tex.	24,897	29,777	38,800	27,841	35,658	2,379	3,067	2,780	1,910	2,880
Erie, Pa.	15,306	15,240	14,866	11,915	17,805	1,325	686	733	551	344
Evansville, Ind.	5,638	6,415	10,029	5,053	4,441	717	653	482	360	145
Fall River, Mass.	3,851	2,082	2,088	3,683	2,894	289	108	129	126	35
Flint, Mich.	26,367	32,339	34,124	28,087	21,877	2,015	2,096	2,302	1,214	886
Fort Wayne, Ind.	13,726	18,803	14,834	16,400	16,862	1,231	518	392	510	537
Fort Worth, Tex.	49,161	46,922	57,116	51,377	58,204	7,131	3,867	4,308	2,577	2,576
Gary, Ind.	17,131	25,806	23,391	22,645	41,166	1,503	1,738	1,273	985	620
Grand Rapids, Mich.	18,308	11,617	13,918	11,253	7,450	1,510	616	624	421	260
Hartford, Conn.	20,159	12,477	14,885	14,568	23,024	882	538	177	226	213
Houston, Tex.	185,979	165,395	141,695	151,486	217,358	11,909	8,659	6,838	4,693	9,936
Indianapolis, Ind.	36,403	40,577	34,512	46,012	44,858	3,556	1,621	1,819	2,061	1,272
Jacksonville, Fla.	21,701	36,340	21,328	17,012	23,366	2,033	1,010	702	527	590
Jersey City, N. J.	9,633	3,292	5,612	7,722	12,620	628	65	428	470	846
Kansas City, Kans.	7,046	12,494	10,563	10,005	8,030	554	312	204	270	171
Kansas City, Mo.	44,098	63,030	71,230	52,188	56,745	2,957	1,853	1,588	1,308	1,213
Knoxville, Tenn.	19,954	12,226	11,730	12,217	9,279	1,790	483	430	224	241
Little Rock, Ark.	21,090	19,162	11,422	9,156	17,217	1,529	576	552	363	450
Long Beach, Calif.	38,579	38,627	51,131	54,336	39,702	1,810	2,487	2,353	1,854	2,409
Los Angeles, Calif.	407,293	409,961	435,677	484,748	508,398	30,798	25,148	24,194	26,888	27,202
Louisville, Ky.	23,179	27,672	32,971	33,386	28,997	2,310	1,339	1,918	1,319	1,398
Memphis, Tenn.	55,260	45,035	42,506	45,047	35,830	6,682	4,209	3,128	1,920	2,114
Miami, Fla.	47,037	46,754	46,433	49,771	57,305	4,664	3,485	2,584	2,668	3,793
Milwaukee, Wis.	87,360	104,218	88,494	103,126	99,771	6,322	5,246	3,982	4,701	5,281
Minneapolis, Minn.	45,868	36,894	45,066	35,362	45,355	2,900	1,283	1,031	913	793
Mobile, Ala.	12,932	13,702	14,725	17,070	31,336	1,743	1,046	1,129	1,334	2,086
Montgomery, Ala.	13,200	20,504	15,857	12,582	12,341	2,293	2,536	1,790	1,041	680
Nashville, Tenn.	16,391	8,994	21,488	25,624	9,503	1,024	385	537	157	341
Newark, N. J.	23,499	26,769	13,444	24,979	26,528	293	1,622	85	97	127
New Bedford, Mass.	4,217	4,729	3,925	5,347	3,197	387	133	395	277	203
New Haven, Conn.	14,051	12,494	10,832	9,646	25,836	1,093	237	211	215	121
New Orleans, La.	77,547	56,628	98,569	86,097	72,862	5,091	2,138	2,926	2,101	1,627

See footnotes at end of table.

No. 995.—BUILDING CONSTRUCTION IN CITIES OF 100,000 INHABITANTS OR MORE—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1950 TO  
1957—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1950	1954	1955	1956	1957 (prel.)	1950	1954	1955	1956	1957 (prel.)
New York, N. Y.: <sup>1</sup>										
Bronx.....	45,730	48,237	40,122	64,600	60,782	3,689	3,110	3,386	4,092	4,747
Brooklyn.....	71,811	111,605	100,186	73,833	97,737	6,566	7,447	7,776	8,096	6,842
Manhattan.....	117,080	197,617	202,965	254,467	324,372	4,389	6,555	10,551	7,481	5,285
Queens.....	194,562	122,482	106,412	108,738	84,440	24,336	9,589	7,988	7,365	5,905
Richmond.....	4,674	4,928	6,059	8,429	7,793	428	334	463	494	642
Norfolk, Va.....	20,012	13,285	16,587	26,482	14,625	2,132	578	789	896	323
Oakland, Calif.....	31,227	23,647	31,447	41,422	44,620	1,491	1,220	1,468	1,671	1,904
Oklahoma City, Okla.....	50,646	45,903	42,769	47,676	38,471	4,120	3,475	2,779	1,553	1,399
Omaha, Nebr.....	28,014	25,554	27,738	38,776	40,937	2,533	1,489	1,610	2,020	1,969
Pasadena, Calif.....	20,500	17,010	18,284	21,124	22,213	1,497	1,077	697	603	698
Paterson, N. J.....	7,340	8,864	5,241	6,412	5,122	472	650	224	312	142
Peoria, Ill.....	11,122	6,865	13,256	11,567	13,540	597	181	205	145	104
Philadelphia, Pa.....	157,332	131,677	140,096	119,479	101,437	12,484	5,000	5,829	4,810	4,694
Phoenix, Ariz.....	15,400	18,159	22,197	35,376	28,405	1,169	1,015	1,103	1,406	1,645
Pittsburgh, Pa.....	105,335	34,452	56,008	40,735	53,840	3,320	1,589	1,593	1,588	1,048
Portland, Oreg.....	63,325	51,674	47,646	45,119	43,497	3,824	2,179	1,371	996	825
Providence, R. I.....	17,778	3,306	4,483	13,254	9,801	775	195	237	190	129
Reading, Pa.....	4,766	5,088	8,011	7,511	6,792	79	47	171	88	90
Richmond, Va.....	32,949	32,952	24,150	28,988	32,007	1,336	737	480	709	1,153
Rochester, N. Y.....	16,406	17,105	20,057	15,263	20,822	1,040	359	378	385	324
Sacramento, Calif.....	30,524	27,317	25,781	35,227	23,528	3,048	1,230	1,639	1,287	1,168
St. Louis, Mo.....	74,559	63,791	49,389	36,305	47,572	4,145	2,856	1,758	754	485
St. Paul, Minn.....	47,424	38,108	44,419	43,987	42,657	3,216	1,216	1,236	1,027	1,371
Salt Lake City, Utah.....	33,740	21,109	10,669	27,532	20,069	2,207	883	924	709	560
San Antonio, Tex.....	57,040	57,701	57,433	59,290	50,382	5,989	5,532	5,698	3,539	3,205
San Diego, Calif.....	60,770	79,270	86,171	107,239	131,245	5,951	5,425	6,031	6,867	9,280
San Francisco, Calif.....	85,104	62,928	69,215	71,622	71,472	3,785	2,743	2,181	1,248	1,372
Savannah, Ga.....	7,867	9,464	4,570	5,783	7,436	1,095	669	588	601	834
Seranton, Pa.....	5,761	2,713	3,443	5,563	7,983	324	76	79	94	104
Seattle, Wash.....	57,742	77,544	72,036	80,057	74,819	3,415	3,632	3,380	2,914	3,688
Shreveport, La.....	28,851	29,934	35,243	27,850	24,010	3,281	1,607	1,449	938	1,008
Somerville, Mass.....	3,313	2,596	1,836	1,473	1,738	249	2	15	3	43
South Bend, Ind.....	21,247	15,666	17,453	19,507	15,606	2,012	689	815	536	520
Spokane, Wash.....	33,473	40,799	28,162	34,699	26,700	2,435	2,322	1,240	844	686
Springfield, Mass.....	13,346	14,660	14,960	14,320	9,154	1,192	1,282	1,441	1,009	572
Syracuse, N. Y.....	16,940	15,871	18,182	18,566	19,149	1,416	464	605	423	353
Tacoma, Wash.....	23,331	14,849	13,106	18,787	16,446	1,750	723	623	514	293
Tampa, Fla.....	15,658	40,701	49,168	47,186	48,311	1,548	3,414	3,048	2,590	2,757
Toledo, Ohio.....	22,645	15,609	24,179	18,897	19,567	1,680	790	842	619	456
Trenton, N. J.....	4,050	5,850	3,322	3,676	11,077	67	230	106	23	22
Tulsa, Okla.....	18,173	19,641	23,584	20,619	17,981	1,430	1,094	1,074	778	649
Utica, N. Y.....	2,322	4,424	3,971	6,147	5,525	212	196	265	180	294
Washington, D. C.....	59,194	76,036	87,331	66,249	133,815	4,857	2,984	2,796	2,176	3,082
Waterbury, Conn.....	9,529	6,947	8,155	11,104	6,706	743	539	648	609	285
Wichita, Kans.....	28,204	41,322	43,125	33,298	34,125	3,853	3,541	3,045	1,843	1,518
Wilmington, Del.....	3,620	7,677	10,387	9,918	10,678	276	49	88	48	50
Worcester, Mass.....	16,314	10,683	18,616	8,305	19,555	1,383	491	542	409	338
Yonkers, N. Y.....	15,847	16,680	14,438	20,523	14,726	1,450	1,275	1,293	1,497	1,196
Youngstown, Ohio.....	11,372	15,945	18,575	20,416	13,494	1,068	951	956	919	701

<sup>1</sup> Represents applications filed.

<sup>2</sup> Represents construction actually started, based on inspection records.

<sup>3</sup> December data not available.

Source: Department of Labor, Bureau of Labor Statistics.

## No. 996.—NATIONAL HOUSING INVENTORY—COMPONENTS OF CHANGE: 1950-56

[In thousands. Based on sample; see source for further explanation. For definition of standard metropolitan areas, see headnote, table 11]

AREA	INVENTORY OF DWELLING UNITS		NET INCREASE 1950-56		UNITS ADDED			UNITS LOST		
	April 1, 1950	Dec. 31, 1956	Number	Per cent	Total <sup>1</sup>	New construction	Net conversion	Total <sup>1</sup>	Demolition	Net merger
United States.....	45,986	55,341	9,355	20.3	12,571	10,920	708	3,216	1,131	672
Inside standard metropolitan areas.....	25,630	31,614	5,984	23.3	7,672	6,763	458	1,688	643	394
Outside standard metropolitan areas.....	20,356	23,726	3,370	16.6	4,899	4,157	250	1,529	488	279
Metropolitan areas:										
Atlanta.....	197	275	78	39.6	93	85	6	15	7	5
Boston.....	668	737	69	10.3	91	69	15	22	5	7
Chicago.....	1,646	1,931	285	17.3	358	307	26	73	31	21
Dallas.....	198	259	61	30.8	81	75	2	20	8	2
Detroit.....	858	1,083	225	26.2	271	247	16	46	22	13
Los Angeles.....	1,522	2,132	610	40.1	704	630	11	94	20	7
New York.....	3,954	4,631	677	17.1	839	737	58	162	72	36
Philadelphia.....	1,052	1,277	225	21.4	265	235	23	40	8	17
Seattle.....	253	297	44	17.4	58	51	2	14	5	3

<sup>1</sup> Includes units added or lost by other sources or other means, not shown separately.

Source: Department of Commerce, Bureau of the Census; *1956 National Housing Inventory—Components of Change, 1950 to 1956*, Vol. I.

## No. 997.—NEW PERMANENT DWELLING UNITS STARTED IN NONFARM AREAS, BY TYPE: 1930 TO 1957

[Figures are estimates covering construction of all new permanent family dwelling units in nonfarm area of United States, based upon building-permit reports, and from 1949, on building-permit information supplemented by data from field surveys in non-permit-issuing places. This area consists of all urban and rural-nonfarm places. See also *Historical Statistics, 1789-1945*, series H 40-45; data for 1941-1945 in historical volume include temporary units]

YEAR	DWELLING UNITS STARTED (1,000)									ESTIMATED CONSTRUCTION COST (\$1,000,000) *		
	Total non-farm	Area <sup>1</sup>		Type of dwelling			Type of financing				Privately financed	Publicly financed
		Metro-politan	Non-metro-politan	1-family	2-family <sup>2</sup>	Multi-family <sup>3</sup>	Private		Public			
							Total	Government programs				
								FHA		VA		
1930.....	330	( <sup>5</sup> )	( <sup>5</sup> )	227	29	74	330	( <sup>5</sup> )	( <sup>5</sup> )	-----	1,494	-----
1935.....	221	( <sup>5</sup> )	( <sup>5</sup> )	183	8	30	216	( <sup>5</sup> )	( <sup>5</sup> )	5	733	25
1940.....	603	( <sup>5</sup> )	( <sup>5</sup> )	486	37	80	530	( <sup>5</sup> )	( <sup>5</sup> )	73	2,072	227
1945.....	209	( <sup>5</sup> )	( <sup>5</sup> )	185	9	16	208	( <sup>5</sup> )	( <sup>5</sup> )	1	959	6
1950.....	1,396	1,022	374	1,154	45	197	1,352	487	200	44	11,418	370
1951.....	1,091	777	315	900	40	151	1,020	264	149	71	9,186	615
1952.....	1,127	795	332	943	46	139	1,069	280	141	59	9,706	503
1953.....	1,104	804	300	938	42	125	1,068	252	157	36	10,181	307
1954.....	1,220	897	324	1,078	34	108	1,202	276	307	19	12,309	169
1955.....	1,329	976	353	1,194	33	102	1,310	277	393	19	14,346	198
1956.....	1,118	780	338	990	31	97	1,094	189	271	24	12,815	262
1957.....	1,042	700	342	873	33	136	993	168	128	49	12,127	507

<sup>1</sup> Metropolitan segment corresponds to the 168 standard metropolitan areas used in the 1950 Census.

<sup>2</sup> Includes 1- and 2-family dwellings with stores. <sup>3</sup> Includes multifamily dwellings with stores.

<sup>4</sup> Private construction costs based on permit valuation, adjusted for understatement of costs shown on permit applications. Public construction costs based on contract values or estimated construction costs for individual projects. <sup>5</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).



# No. 998.—NUMBER AND AVERAGE CONSTRUCTION COST OF NEW PERMANENT PRIVATELY OWNED ONE-FAMILY DWELLING UNITS STARTED: 1940 TO 1957

[Average cost of all such dwelling units started nationally. Data do not represent construction cost of a typical house. These averages are affected by changes in cost of materials and labor, variations in size and design of the houses, type of projects started, differences in construction methods, and other variables. Construction costs cover only labor, materials, and subcontracted work, and that part of the builders' overhead and profit chargeable directly to the construction projects. Cost data based primarily on builders' estimates of construction cost made at the start of construction, and from 1946, also on reports of construction cost by individual construction contractors in a representative group of localities not issuing permits]

PERIOD	Number of dwelling units started	Average construction cost per unit	PERIOD	Number of dwelling units started	Average construction cost per unit
1940.....	447,600	\$4,075	1957.....	840,200	\$13,025
1945.....	184,600	4,650	January.....	50,100	12,600
1946.....	590,000	5,525	February.....	52,800	12,800
1947.....	740,200	6,750	March.....	68,000	12,950
1948.....	763,200	7,850	April.....	78,800	13,025
1949.....	792,400	7,625	May.....	81,600	13,250
1950.....	1,150,700	8,675	June.....	80,300	13,150
1951.....	892,200	9,300	July.....	81,100	13,050
1952.....	939,100	9,475	August.....	81,700	12,925
1953.....	932,800	9,950	September.....	76,900	13,075
1954.....	1,077,300	10,625	October.....	73,800	13,375
1955.....	1,190,000	11,350	November.....	64,200	13,000
1956.....	980,700	12,225	December.....	50,900	12,925

Source: Department of Labor, Bureau of Labor Statistics; *Construction During Five Decades: Historical Statistics, 1907-52*, and *Construction Review* (a joint publication of the Departments of Commerce and Labor).

# No. 999.—SELECTED CHARACTERISTICS OF NEW NONFARM ONE-FAMILY HOUSES: 1955 AND 1956

[Data are for first quarter. Based on sample of 6,000 projects (single-family and multifamily, for which permits were issued or work was started in the first quarter) including more than 37,000 dwelling units in various sizes and types of communities. See source for sampling reliability]

CHARACTERISTICS	1955	1956	CHARACTERISTICS	1955	1956
Number of houses <sup>1</sup> .....1,000.....	256.9	218.6	Number of bedrooms <sup>4</sup> —Continued		
Median proposed selling price <sup>2</sup> .....\$1,000.....	13.7	14.5	4 bedrooms or more.....	6	8
Average floor area <sup>3</sup> .....sq. ft.....	1,170	1,230	Unknown.....	3	1
Percent, all houses.....	100	100	Exterior wall construction:		
Selling price: <sup>2</sup>			Masonry.....	20	16
Less than \$7,000.....	7	4	Solid brick.....	3	2
\$7,000 to \$9,999.....	11	10	Brick facing.....	12	10
\$10,000 to \$11,999.....	16	13	Concrete block.....	4	1
\$12,000 to \$14,999.....	29	27	Other <sup>5</sup> .....	1	3
\$15,000 to \$19,999.....	23	26	Frame.....	77	83
\$20,000 and over.....	10	18	Brick facing.....	18	26
Unknown.....	4	2	Brick and wood facing.....	8	7
Floor area (sq. ft.): <sup>3</sup>			Wood facing.....	29	24
Less than 700.....	3	2	Asbestos shingle facing.....	8	9
700 to 799.....	4	3	Other <sup>7</sup> .....	14	17
800 to 999.....	22	17	All other <sup>8</sup> .....	1	(4) 1
1,000 to 1,199.....	30	31	Unknown.....	2	1
1,200 to 1,499.....	26	26	Basements:		
1,500 to 1,799.....	7	10	No basement.....	55	55
1,800 and over.....	5	9	Full or partial basement.....	42	43
Unknown.....	3	2	Unknown.....	3	2
Number of bedrooms: <sup>4</sup>			Utility room:		
1 bedroom <sup>4</sup> .....	1	1	Utility room.....	33	37
2 bedrooms.....	22	20	No basement.....	27	30
3 bedrooms.....	68	70	With basement.....	6	7
			No utility room.....	64	58
			Unknown.....	3	5

<sup>1</sup> Detached, semidetached, and row houses which can be sold independently of nearby or adjoining units.

<sup>2</sup> Advertised price at the time of survey, or the actual selling price of units already sold.

<sup>3</sup> Computed from outside dimensions. Includes all livable space as well as laundry rooms, halls, and closets on first or higher floors, but excludes rumpus, storage, laundry, and utility rooms in the basement, garages, unfinished attic space, and open or screened porches.

<sup>4</sup> Only rooms specifically designed for sleeping purposes.

<sup>5</sup> Includes a few houses with no bedrooms.

<sup>6</sup> Includes such outer facing materials as cut stone, field stone, structural tile, or stucco.

<sup>7</sup> Includes such outer facing materials as composition (e. g., asphalt siding and shingles), metal, or stucco.

<sup>8</sup> Steel frame panels, poured concrete, a combination of metal and lumber, concrete reinforced with steel, or sheathing panels with supplementary frame members.

Source: Department of Labor, Bureau of Labor Statistics; and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication)

# No. 1000.—SELECTED CHARACTERISTICS OF NEW NONFARM DWELLING UNITS IN MULTIFAMILY STRUCTURES, BY TYPE OF STRUCTURE: 1955 AND 1956

[Data are for first quarter. See headnote, table 999]

CHARACTERISTICS	2- TO 4-FAMILY		5-OR-MORE FAMILY	
	1955	1956	1955	1956
Number of houses.....	1,000			
Average floor area <sup>1</sup> .....	sq. ft.			
Percent, all units.....	100	100	100	100
Floor area (sq. ft.): <sup>1</sup>				
Less than 400.....	(2)	(2)	5	7
400 to 499.....	(2)	(2)	6	13
500 to 599.....	(2)	(2)	8	19
600 to 699.....	34	25	15	18
700 to 799.....	16	12	14	14
800 to 999.....	25	28	20	17
1,000 to 1,199.....	10	11	11	5
1,200 to 1,499.....	4	12	4	1
1,500 and over.....	2	4	1	1
Unknown.....	9	8	16	5
Number of bedrooms:				
No bedrooms.....	(3)	(4)	6	12
1 bedroom.....	22	24	53	60
2 bedrooms.....	62	57	33	23
3 bedrooms.....	3	14	4	1
4 bedrooms or more.....	1	(1)	(4)	(4)
Unknown.....	7	5	4	4
Exterior wall construction:				
Masonry.....	37	49	43	50
Solid brick.....	12	14	18	11
Brick facing.....	13	14	20	29
Concrete block.....	12	2	5	(4)
Other <sup>5</sup> .....	(4)	19	(4)	10
Frame.....	55	48	42	47
Brick facing.....	18	15	11	10
Brick and wood facing.....	2	(1)	1	(4)
Wood facing.....	13	11	1	1
Asbestos shingle facing.....	3	3	(4)	1
Other <sup>6</sup> .....	19	10	29	35
All other.....	1	1	11	(4)
Unknown.....	7	2	4	3

<sup>1</sup> Excludes halls, vestibules, corridors, and elevator and stair wells common to 2 or more units.<sup>2</sup> Included with floor-area class, 600-699 square feet. <sup>3</sup> Included with 1-bedroom units.<sup>4</sup> Less than 0.5 percent.<sup>5</sup> Includes such outer facing materials as cut stone, field stone, structural tile, or stucco.<sup>6</sup> Includes such outer facing materials as composition (e. g., asphalt siding and shingles), metal, or stucco.Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

## No. 1001.—OCCUPIED DWELLING UNITS—PERCENT OF HOME OWNERSHIP, BY REGIONS, INSIDE AND OUTSIDE STANDARD METROPOLITAN AREAS: 1950 AND 1956

[1950 figures are for April and are based on complete enumeration. 1956 figures are for December and are based on sample data collected in connection with National Housing Inventory; see source for further explanation. For definition of standard metropolitan areas, see table 11; for composition of Census regions, see fig. 1, p. XII]

TENURE	1950					1956				
	United States	North-east	North Central	South	West	United States	North-east	North Central	South	West
TOTAL										
Occupied dwelling units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied.....	55.0	48.4	60.7	53.7	57.8	60.4	55.7	65.0	59.9	60.6
Renter occupied.....	45.0	51.5	39.3	46.3	42.2	39.6	44.3	35.0	40.1	39.4
INSIDE STANDARD METROPOLITAN AREAS										
Occupied dwelling units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied.....	51.0	44.6	55.8	51.8	56.2	58.0	51.4	62.0	60.3	61.8
Renter occupied.....	49.0	55.4	44.2	48.2	43.8	42.0	48.6	38.0	39.7	38.2
OUTSIDE STANDARD METROPOLITAN AREAS										
Occupied dwelling units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied.....	60.3	62.6	66.8	54.8	60.4	63.9	70.9	68.9	59.6	58.3
Renter occupied.....	39.7	37.4	33.2	45.2	39.6	36.1	29.1	31.1	40.4	41.7

Source: Department of Commerce, Bureau of the Census, records.

**No. 1002.—VACANT DWELLING UNITS—PERCENT DISTRIBUTION BY CONDITION AND STATUS, BY INSIDE AND OUTSIDE STANDARD METROPOLITAN AREAS: 1950 TO 1958**

[1950 figures based on complete enumeration. Beginning 1956, figures based on sample data collected in connection with Current Population Survey; see Technical Note, p. 201. For definition of standard metropolitan areas, see table 11]

CONDITION AND STATUS	TOTAL				INSIDE STANDARD METROPOLITAN AREAS		OUTSIDE STANDARD METROPOLITAN AREAS	
	April 1950	1st quarter 1956	1st quarter 1957	1st quarter 1958	April 1950	1st quarter 1958	April 1950	1st quarter 1958
All dwelling units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round vacant:								
Not dilapidated.....	3.3	5.3	4.6	5.4	2.8	4.1	4.0	7.1
For rent or for sale (available).....	1.6	2.7	2.3	2.8	1.6	2.5	1.6	3.3
For rent.....	1.1	2.2	1.8	2.2	1.1	1.9	1.2	2.6
For sale only.....	0.5	0.5	0.5	0.6	0.5	0.6	0.4	0.7
Rented or sold, awaiting occupancy.....	1.7	{ 0.4	0.4	0.4	1.2	{ 0.4	2.4	{ 0.3
Held off market <sup>1</sup> .....	2.2	2.2	1.9	2.2	1.2	1.2	3.5	3.5
Dilapidated <sup>1</sup> .....	1.1	1.1	1.2	1.2	0.4	0.4	2.0	2.4
Seasonal <sup>1</sup> .....	2.5	2.4	2.7	3.5	1.1	1.4	4.0	6.3
Occupied.....	93.1	91.2	91.5	89.9	95.7	94.1	90.0	84.2

<sup>1</sup> Comprises unoccupied units and units temporarily occupied by nonresidents, that is, persons with usual residence elsewhere.

Source: Department of Commerce, Bureau of the Census; *Housing and Construction Reports*, Series H-111, Nos. 4, 8, and 12.

**No. 1003.—RENTAL AND HOME-OWNER VACANCY RATES—PERCENT DISTRIBUTION, BY REGIONS, AND BY INSIDE AND OUTSIDE STANDARD METROPOLITAN AREAS: 1950 TO 1958**

[Rental vacancy rate is the relationship between vacant housing for rent and total rental supply. The rental supply comprises renter-occupied units, vacant units already rented and awaiting occupancy at the time of enumeration, and vacant units available for rent. Similarly, home-owner vacancy rate is the relationship between available vacant housing for sale and total home-owner supply. The home-owner supply comprises owner-occupied units, vacant units already sold and awaiting occupancy, and vacant units available for sale. For composition of regions, see fig. 1, p. XII]

ITEM AND YEAR	United States	REGIONS				Inside standard metropolitan areas	Outside standard metropolitan areas
		North-east	North Central	South	West		
<b>Rental vacancy rate:</b>							
1950, April.....	2.6	1.5	1.7	3.4	4.9	2.2	3.2
1956, 1st quarter.....	5.6	2.9	4.8	7.0	9.3	4.4	7.6
1957, 1st quarter.....	4.8	3.0	4.6	5.7	6.6	3.9	6.3
1958, 1st quarter.....	5.7	3.2	6.5	6.9	6.8	4.5	7.8
<b>Home-owner vacancy rate:</b>							
1950, April.....	0.9	0.9	0.7	1.0	1.3	1.1	0.7
1956, 1st quarter.....	0.9	0.7	0.6	1.0	1.3	0.9	0.8
1957, 1st quarter.....	0.8	0.7	0.8	0.8	1.0	0.7	0.9
1958, 1st quarter.....	1.1	0.9	1.4	1.1	1.1	1.0	1.3

Source: Department of Commerce, Bureau of the Census; *Housing and Construction Reports*, Series H-111, Nos. 4, 8, and 12.

# NO. 1004.—OCCUPIED DWELLING UNITS—TENURE, AND POPULATION PER DWELLING UNIT, BY COLOR OF OCCUPANTS, AND BY NONFARM AND FARM RESIDENCE: 1890 TO 1950

[Minus sign (—) denotes decrease. See also *Historical Statistics, 1789-1945*, series H 89-112]

COLOR OF OCCU- PANTS, RESI- DENCE, AND CENSUS YEAR	OCCUPIED DWELLING UNITS (OR FAMILIES) <sup>1</sup>						PERCENT INCREASE OVER PRECEDING CENSUS		Popula- tion per occupied dwelling unit (or family) <sup>2</sup>
	Total	Reporting tenure	Owner-occupied		Renter-occupied		Total occupied dwelling units (or families) <sup>1</sup>	Total popu- lation	
			Number	Per- cent	Number	Per- cent			
1890.....	12,690,152	12,690,152	6,066,417	47.8	6,623,735	52.2	-----	-----	5.0
1900.....	15,963,965	15,428,987	7,205,212	46.7	8,223,775	53.3	25.8	20.7	4.8
1910.....	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1	26.9	21.0	4.5
1920.....	24,351,676	23,810,558	10,866,960	45.6	12,943,598	54.4	20.2	14.9	4.3
1930.....	29,904,663	29,321,891	14,002,074	47.8	15,319,817	52.2	22.8	16.1	4.1
1940.....	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4	16.6	7.2	3.8
1950.....	42,826,281	42,826,281	23,550,966	55.0	19,266,315	45.0	22.9	14.5	3.5
COLOR OF OCCUPANTS									
White									
1890.....	11,255,160	11,255,169	5,793,660	51.5	5,461,509	48.5	-----	-----	4.9
1900.....	14,063,791	13,659,106	6,788,069	49.7	6,871,037	50.3	25.0	21.2	4.8
1910.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	22.3	(2)
1920.....	21,825,654	21,379,193	10,286,267	48.1	11,092,896	51.9	(3)	16.0	4.3
1930.....	26,982,994	26,492,256	13,288,429	50.2	13,203,827	49.8	23.6	16.3	4.1
1940.....	31,561,126	31,561,126	14,418,092	45.7	17,143,034	54.3	17.0	7.2	3.7
1950.....	39,043,595	39,043,595	22,240,970	57.0	16,802,625	43.0	23.7	14.1	3.5
Nonwhite									
1890.....	1,434,983	1,434,983	272,757	19.0	1,162,226	81.0	-----	-----	5.5
1900.....	1,900,174	1,760,881	417,143	23.6	1,352,738	76.4	32.4	17.1	4.8
1910.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	11.5	(3)
1920.....	2,526,022	2,431,395	580,603	23.9	1,850,702	76.1	(3)	6.3	4.3
1930.....	2,921,669	2,829,635	718,645	25.2	2,115,990	74.8	15.7	14.7	4.3
1940.....	3,293,406	3,293,406	777,671	23.6	2,515,735	76.4	12.7	7.7	4.1
1950.....	3,782,686	3,782,686	1,318,996	34.9	2,463,690	65.1	14.9	17.1	4.2
RESIDENCE									
Nonfarm									
1890.....	7,922,973	7,922,973	2,923,671	36.9	4,999,302	63.1	-----	-----	(3)
1900.....	10,274,127	9,779,979	3,566,809	36.5	6,213,170	63.5	29.7	(3)	(3)
1910.....	14,131,945	13,672,044	5,245,380	38.4	8,426,664	61.6	37.5	(3)	(3)
1920.....	17,600,472	17,229,394	7,041,283	40.9	10,188,111	59.1	24.5	(3)	4.2
1930.....	23,300,026	22,917,072	10,540,972	46.0	12,367,100	54.0	32.4	25.0	4.0
1940.....	27,747,973	27,747,973	11,413,036	41.1	16,334,937	58.9	19.1	9.5	3.7
1950.....	37,105,250	37,105,259	19,801,646	53.4	17,303,613	46.6	33.7	25.8	3.4
Farm <sup>4</sup>									
1890.....	4,767,179	4,767,179	3,142,746	65.9	1,624,433	34.1	-----	-----	(3)
1900.....	5,689,838	5,649,008	3,638,403	64.4	2,010,605	35.6	19.4	(3)	(3)
1910.....	6,123,610	6,109,562	3,838,381	62.8	2,271,231	37.2	7.6	(3)	(3)
1920.....	6,751,204	6,581,164	3,825,677	58.1	2,755,487	41.9	10.2	(3)	4.7
1930.....	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1	-2.2	-4.6	4.6
1940.....	7,106,559	7,106,559	3,782,727	53.2	3,323,832	46.8	7.6	0.2	4.3
1950.....	5,721,022	5,721,022	3,758,320	65.7	1,962,702	34.3	-19.5	-23.7	4.0

<sup>1</sup> "Occupied dwelling units" for 1940 and 1950 is not exactly same as "Families" for earlier years, but differences are so small as to be negligible. Count of families for 1900 and 1930 represents private families only; that for 1890, 1910, and 1920, includes small number of quasi-family groups which were counted as families in those years.

<sup>2</sup> Since population in private families was not tabulated separately for all years, population per occupied dwelling unit (or family) is based on total population (including population in quasi-households). See table 9, pp. 12, 13.

<sup>3</sup> Not available.

<sup>4</sup> For 1890 to 1920, "Farm" contains a small proportion of urban-farm families in addition to the rural-farm families. For changes in definition of "Farm," see "Farm and nonfarm residence," p. 2.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1.

No. 1005.—DWELLING UNITS—OCCUPANCY, TENURE, AND RACE OF OCCUPANTS:  
1940 AND 1950

[In thousands of dwelling units]

OCCUPANCY, TENURE, AND RACE OF OCCUPANTS	1940		1950							
	Num- ber	Per- cent	Number				Percent distribution			
			Total	Ur- ban	Rural non- farm	Rural farm	Total	Ur- ban	Rural non- farm	Rural farm
All dwelling units.....	37,325	100.0	45,983	29,569	10,056	6,358	100.0	100.0	100.0	100.0
Urban-farm dwelling units.....	88	0.2	96	96	—	—	0.2	0.3	—	—
Occupied dwelling units.....	34,855	93.4	42,326	28,492	8,613	5,721	93.1	96.4	85.6	90.0
Owner occupied.....	15,196	40.7	23,560	14,377	5,425	3,758	51.2	48.6	53.9	59.1
White.....	14,418	38.6	22,241	13,567	5,135	3,539	48.4	45.9	51.1	55.7
Negro.....	720	1.9	1,252	787	265	199	2.7	2.7	2.6	3.1
Other races.....	58	0.2	67	22	25	20	0.1	0.1	0.2	0.3
Renter occupied.....	10,659	52.7	10,266	14,116	3,188	1,963	41.9	47.7	31.7	30.9
White.....	17,143	45.9	16,803	12,434	2,846	1,522	36.5	42.1	28.3	28.9
Negro.....	2,437	6.5	2,381	1,630	324	428	5.2	5.5	3.2	6.7
Other races.....	79	0.2	82	51	18	13	0.2	0.2	0.2	0.2
Nonresident dwelling units.....	106	0.3	127	56	28	44	0.3	0.2	0.3	0.7
Vacant dwelling units <sup>1</sup> .....	2,365	6.3	3,030	1,021	1,416	593	6.6	3.5	14.1	9.3
Nonseasonal not dilapidated, for rent or sale.....	( <sup>2</sup> )	( <sup>2</sup> )	732	493	146	93	1.6	1.7	1.5	1.5
For rent.....	( <sup>2</sup> )	( <sup>2</sup> )	517	354	106	57	1.1	1.2	1.1	0.9
For sale only.....	( <sup>2</sup> )	( <sup>2</sup> )	215	138	40	36	0.5	0.5	0.4	0.6
Nonseasonal not dilapidated, not for rent or sale <sup>2</sup> .....	( <sup>2</sup> )	( <sup>2</sup> )	743	276	297	170	1.6	0.9	3.0	2.7
Nonseasonal dilapidated.....	( <sup>2</sup> )	( <sup>2</sup> )	505	103	183	219	1.1	0.3	1.8	3.4
Seasonal.....	678	1.8	1,050	180	790	111	2.3	0.5	7.9	1.7

<sup>1</sup> 1940 and 1950 data not strictly comparable. See text, p. 744. <sup>2</sup> Not available.

<sup>3</sup> Comprises units already rented or sold but not yet occupied, and units held off market for other reasons.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, and Sixteenth Census Reports, *Housing*, Vol. II.

No. 1006.—DWELLING UNITS, BY GEOGRAPHIC DIVISIONS: 1950

[For composition of divisions, see table 1008]

DIVISION	TOTAL		URBAN		RURAL NONFARM		RURAL FARM	
	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
United States.....	45,983,398	100.0	29,569,073	100.0	10,056,382	100.0	6,357,943	100.0
New England.....	2,879,409	6.3	2,080,539	7.0	676,930	6.7	121,940	1.9
Middle Atlantic.....	9,171,773	19.9	7,271,291	24.6	1,498,371	14.9	402,111	6.3
East North Central.....	9,334,211	20.3	6,399,303	21.6	1,869,849	18.6	1,065,059	16.8
West North Central.....	4,411,435	9.6	2,274,630	7.7	1,030,063	10.4	1,086,782	17.1
South Atlantic.....	5,996,267	13.0	3,116,394	10.5	1,758,337	17.5	1,121,536	17.6
East South Central.....	3,195,164	6.9	1,330,434	4.5	851,620	8.5	1,013,110	15.9
West South Central.....	4,462,354	9.7	2,516,479	8.5	1,008,094	10.0	937,781	14.7
Mountain.....	1,608,421	3.5	884,417	3.0	468,824	4.7	255,180	4.0
Pacific.....	4,924,364	10.7	3,695,586	12.5	874,304	8.7	354,474	5.6

No. 1007.—DWELLING UNITS—YEAR BUILT: 1950

[In thousands of dwelling units. Based on 20-percent sample]

YEAR BUILT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural non- farm	Rural farm	Total	Urban	Rural non- farm	Rural farm
Number reporting year built.....	44,230	28,547	9,535	6,148	100.0	100.0	100.0	100.0
1945 or later.....	5,946	3,366	1,954	626	13.4	11.8	20.5	10.2
1940 to 1944.....	3,228	2,154	757	317	7.3	7.5	7.9	5.2
1930 to 1939.....	5,898	3,303	1,676	918	13.3	11.6	17.6	14.9
1920 to 1929.....	8,894	6,464	1,429	1,000	20.1	22.6	15.0	16.3
1919 or earlier.....	20,264	13,259	3,719	3,286	45.8	46.4	39.0	53.4

Source of tables 1006 and 1007: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I.

## No. 1008.—DWELLING UNITS—SELECTED CHARACTERISTICS, BY STATES: 1950

STATE	ALL DWELLING UNITS				OCCUPIED DWELLING UNITS				OWNER-OCCUPIED NONFARM		RENTER-OCCUPIED NONFARM	
	Total	Percent—			Total	Percent—			Percent mortgaged <sup>3</sup>	Median value of one-dwelling-unit structures <sup>4</sup>	Median contract monthly rent	Median gross monthly rent
		In one-dwelling-unit detached structures <sup>1</sup>	In structures built in 1940 or later <sup>2</sup>	With hot running water, private toilet and bath, not dilapidated		With 1.01 or more persons per room	Occupied by non-white	Owner occupied				
U. S.....	45,983,398	64.0	20.7	63.1	42,826,281	15.7	8.8	55.0	44.0	\$7,354	\$35.50	\$42.47
N. E.....	2,879,409	47.4	11.8	73.9	2,613,421	9.9	1.4	50.9	56.5	8,943	30.45	45.06
Maine.....	311,441	67.0	12.0	52.4	254,443	12.1	0.2	62.8	31.8	4,856	27.95	41.35
N. H.....	150,553	61.0	11.8	64.8	155,203	8.9	0.2	58.1	45.0	5,199	26.67	40.52
Vt.....	121,911	66.1	9.0	65.3	103,486	9.0	0.1	61.3	41.1	5,277	27.54	41.22
Mass.....	1,400,185	40.6	9.5	79.2	1,305,194	9.8	1.5	47.9	62.6	9,777	31.61	46.89
R. I.....	244,147	40.3	11.9	62.2	225,447	9.7	1.6	45.3	54.0	8,144	25.62	40.17
Conn.....	611,162	47.2	17.3	81.8	569,638	9.7	2.2	51.1	61.1	11,862	31.83	45.18
M. A.....	9,171,773	39.1	11.9	79.2	8,614,655	11.4	5.4	47.7	48.9	8,627	38.42	46.37
N. Y.....	4,633,806	32.7	11.1	83.5	4,325,139	12.4	5.4	37.9	56.7	10,152	41.02	48.30
N. J.....	1,501,473	46.7	15.2	83.5	1,373,637	10.2	5.3	53.1	51.3	10,408	39.12	48.76
Pa.....	3,036,494	45.0	11.6	71.6	2,915,879	10.7	5.5	59.7	40.7	6,992	31.28	39.76
E. N. C.....	9,334,211	64.9	16.3	66.1	8,823,056	11.9	5.0	60.0	42.9	7,720	38.33	45.40
Ohio.....	2,402,565	66.3	16.8	69.8	2,313,990	10.9	5.4	61.1	43.2	8,304	34.28	41.55
Ind.....	1,232,314	75.9	17.2	68.0	1,168,916	13.8	9.9	65.5	46.6	6,226	34.26	41.07
Ill.....	2,671,647	52.2	12.2	67.0	2,582,000	12.6	6.6	50.1	39.9	8,646	41.91	47.19
Mich.....	1,971,842	71.9	22.6	70.4	1,790,702	10.9	5.4	67.5	43.0	7,496	40.20	47.86
Wis.....	1,055,843	68.1	15.1	58.5	967,448	11.2	0.9	63.5	37.8	7,627	37.85	48.99
W. N. C.....	4,411,435	75.4	14.0	50.9	4,148,910	13.8	3.1	62.2	36.2	6,391	33.76	39.83
Minn.....	918,434	73.0	16.4	52.7	845,266	13.0	0.8	66.4	44.1	7,806	35.72	43.27
Iowa.....	811,912	80.4	11.2	51.4	780,167	10.3	0.7	63.4	32.3	6,320	34.80	42.63
Mo.....	1,268,354	67.8	14.1	48.5	1,197,597	16.8	6.8	57.7	41.1	6,399	30.38	36.44
N. Dak.....	175,769	82.6	14.2	33.6	162,105	20.5	1.2	66.2	22.8	5,396	36.14	42.80
S. Dak.....	194,573	82.8	14.2	38.0	182,978	15.4	2.5	62.2	25.0	5,410	33.54	42.30
Nebr.....	417,245	80.3	11.5	56.5	394,148	12.6	1.5	60.6	32.0	5,918	36.71	42.60
Kans.....	625,148	80.1	15.8	57.8	586,650	11.6	3.6	63.9	33.7	5,462	35.43	37.55
S. A.....	5,996,267	70.7	24.4	48.8	5,539,058	21.4	20.9	52.1	42.0	6,349	28.92	35.91
Del.....	97,013	53.8	21.9	69.6	90,390	9.6	12.1	58.9	51.0	9,079	35.80	46.03
Md.....	689,116	46.1	26.1	71.3	641,222	12.3	13.6	56.3	40.0	8,033	39.08	46.16
D. C.....	229,738	13.2	22.3	87.0	224,142	14.1	27.9	32.3	60.1	14,498	53.72	57.09
Va.....	901,483	71.5	20.0	49.7	845,259	19.1	19.4	55.1	43.5	6,581	31.71	39.16
W. Va.....	544,075	79.4	19.1	44.0	518,281	22.6	5.3	55.0	32.5	5,473	21.63	23.43
N. C.....	1,058,367	83.3	26.0	34.5	994,356	25.1	22.7	53.3	36.4	4,901	20.83	29.68
S. C.....	557,672	82.1	25.3	34.3	514,638	28.9	34.5	45.1	40.2	5,112	17.80	25.03
Ga.....	966,672	75.3	24.6	35.8	889,269	27.2	28.0	46.5	40.2	5,235	19.97	27.42
Fla.....	952,131	73.2	39.2	60.1	821,501	18.0	18.8	57.6	42.1	6,612	38.46	39.35
E. S. C.....	3,195,164	80.1	24.6	32.7	2,991,832	27.9	22.0	53.6	34.9	4,933	21.63	28.11
Ky.....	820,141	78.7	18.7	35.5	778,754	25.1	7.3	58.7	35.5	5,283	24.66	30.77
Tenn.....	921,837	78.6	26.7	36.0	871,474	25.3	15.5	56.5	37.2	5,268	24.13	30.73
Ala.....	843,857	79.3	27.3	31.6	786,839	30.5	29.3	49.4	34.6	4,473	17.61	24.52
Miss.....	609,329	85.2	25.8	25.2	554,765	32.1	42.3	47.8	29.4	4,159	18.81	24.62
W. S. C.....	4,462,354	80.0	31.0	47.6	4,101,717	23.7	15.9	55.8	37.3	5,446	31.57	33.60
Ark.....	575,163	86.5	26.9	28.7	524,391	26.7	21.2	54.5	29.1	4,087	22.60	27.91
La.....	777,672	73.1	30.0	40.5	724,945	26.2	30.8	50.3	37.1	5,141	22.21	26.74
Okl.....	715,691	83.6	24.0	51.7	663,203	20.0	7.8	60.0	40.0	5,228	32.78	34.20
Tex.....	2,393,828	79.6	34.4	53.2	2,189,178	23.3	12.1	56.7	37.9	5,805	35.96	37.13
Mt.....	1,608,421	75.9	30.0	62.3	1,445,433	22.8	3.4	59.4	38.8	6,582	35.65	40.29
Mont.....	194,256	78.0	19.1	56.3	175,470	19.0	2.1	60.3	27.2	5,797	35.35	40.83
Idaho.....	188,328	83.1	27.5	61.6	169,110	22.2	1.0	65.5	34.7	5,852	35.91	43.85
Wyo.....	92,080	73.3	25.7	60.5	84,185	22.2	1.0	64.0	36.9	6,811	38.41	41.23
Colo.....	436,228	71.0	22.7	61.1	391,235	18.0	1.8	58.1	41.7	7,151	36.81	39.25
N. Mex.....	199,709	78.2	39.7	51.0	176,993	34.0	5.6	58.8	36.2	5,097	39.19	40.93
Ariz.....	240,750	79.2	46.9	62.5	210,374	27.6	9.7	56.4	42.8	5,936	35.60	36.83
Utah.....	200,554	70.8	29.1	79.8	187,825	23.4	1.4	65.3	42.7	7,409	36.08	39.93
Nev.....	56,515	75.8	39.6	73.7	50,241	16.3	5.2	48.7	39.6	8,859	42.33	47.34
Pac.....	4,924,364	71.3	33.8	83.6	4,548,199	12.2	4.1	57.2	49.9	8,872	39.56	42.62
Wash.....	809,701	77.6	29.7	78.8	735,746	11.3	2.0	65.0	43.0	7,169	36.57	43.46
Oreg.....	524,003	79.8	32.6	74.0	479,047	12.7	1.2	65.3	40.3	6,846	38.01	44.19
Calif.....	3,590,660	68.6	34.9	86.0	3,333,406	12.3	5.0	54.3	53.0	9,564	40.48	42.30

<sup>1</sup> Includes occupied trailers.      <sup>2</sup> Based on 20-percent sample.<sup>3</sup> Restricted to units in 1- to 4-dwelling-unit structures without business.<sup>4</sup> Restricted to 1-dwelling-unit properties without business.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Housing: 1960, Vol. I.

**No. 1009.—DWELLING UNITS—TYPE OF STRUCTURE, ROOMS, FACILITIES, AND EQUIPMENT: 1950**

[In thousands of dwelling units. Percent not shown where less than 0.1]

SUBJECT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
Total dwelling units.....	45,983	29,569	10,056	6,358	100.0	100.0	100.0	100.0
TYPE OF STRUCTURE								
1 to 4 dwelling unit.....	40,591	24,470	9,788	6,332	88.3	82.8	97.3	99.6
5 to 9 dwelling unit.....	2,138	2,028	102	8	4.6	6.9	1.0	0.1
10 dwelling unit or more.....	2,940	2,897	37	5	6.4	9.8	0.4	0.1
Trailers.....	315	174	128	12	0.7	0.6	1.3	0.2
NUMBER OF ROOMS								
Number reporting.....	44,898	29,044	9,687	6,167	100.0	100.0	100.0	100.0
1 room.....	1,296	836	349	110	2.9	2.9	3.6	1.8
2 rooms.....	3,384	2,233	828	323	7.5	7.7	8.5	5.2
3 rooms.....	6,670	4,582	1,408	680	14.9	15.8	14.5	11.0
4 rooms.....	9,814	6,195	2,326	1,293	21.9	21.3	24.0	21.0
5 rooms.....	9,522	6,486	1,904	1,131	21.2	22.3	19.7	18.3
6 rooms.....	7,565	5,044	1,450	1,070	16.8	17.4	15.0	17.4
7 rooms.....	3,320	1,965	704	651	7.4	6.8	7.3	10.6
8 rooms or more.....	3,328	1,702	717	908	7.4	5.9	7.4	14.7
Median number of rooms.....	4.6	4.6	4.5	5.1	-----	-----	-----	-----
TOILET FACILITIES								
Number reporting.....	45,261	29,204	9,803	6,254	100.0	100.0	100.0	100.0
Flush toilet inside structure, exclusive use.....	32,335	25,363	5,240	1,732	71.4	86.8	53.5	27.7
Flush toilet inside structure, shared.....	1,839	1,055	160	24	4.1	5.7	1.6	0.4
Other toilet facilities (including privy) and no toilet.....	11,087	2,186	4,403	4,498	24.5	7.5	44.9	72.0
WATER SUPPLY								
Number reporting.....	45,289	29,240	9,799	6,249	100.0	100.0	100.0	100.0
Hot and cold piped running water inside structure.....	31,759	25,052	4,922	1,784	70.1	85.7	50.2	28.5
Only cold piped running water inside structure.....	5,746	3,119	1,740	887	12.7	10.7	17.8	14.2
Piped running water outside structure.....	1,064	560	335	169	2.3	1.9	3.4	2.7
No piped running water.....	6,720	509	2,802	3,409	14.8	1.7	28.6	54.6
Occupied dwelling units.....	42,826	28,492	8,613	5,721	-----	-----	-----	-----
REFRIGERATION EQUIPMENT <sup>1</sup>								
Number reporting.....	42,060	27,996	8,442	5,622	100.0	100.0	100.0	100.0
Mechanical.....	33,720	24,062	6,102	3,626	80.2	86.1	72.3	62.7
Ice.....	4,445	2,798	985	663	10.6	10.0	11.7	11.8
Other or none.....	3,894	1,106	1,355	1,433	9.3	4.0	16.1	25.5
HEATING EQUIPMENT <sup>1</sup>								
Number reporting heating equipment.....	42,056	28,045	8,423	5,588	100.0	100.0	100.0	100.0
Central heating.....	21,191	17,558	2,620	1,013	50.4	62.6	31.1	18.1
Pipe steam or hot water.....	9,890	8,922	786	183	23.5	31.8	9.3	3.3
Warm air furnace.....	11,301	8,637	1,834	830	26.9	30.8	21.8	14.9
Noncentral heating or not heated.....	20,865	10,487	5,803	4,575	49.6	37.4	68.9	81.9
Noncentral heating.....	20,295	10,065	5,720	4,510	48.3	35.9	67.9	80.7
Other means with flue.....	15,122	6,690	4,591	3,841	36.0	23.9	54.5	68.7
Other means without flue.....	5,173	3,375	1,120	669	12.3	12.0	13.4	12.0
Not heated.....	570	422	83	65	1.4	1.5	1.0	1.2

<sup>1</sup> Based on 20-percent sample.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I.

### No. 1010.—DWELLING UNITS—MORTGAGE STATUS OF NONFARM OWNER-OCCUPIED UNITS: 1890 TO 1950

For 1940 and 1950, mortgage statistics are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business. An owner-occupied dwelling unit was reported as mortgaged if property on which it was located had an indebtedness in form of a mortgage or deed of trust, or if occupants had contract to purchase property. For 1920 and earlier, mortgage data are for owner-occupied units in all types of structures. Although types of units for which mortgage data were reported are not the same for all censuses, differences are not large enough to invalidate comparisons]

CENSUS YEAR	Total owner-occupied dwelling units	Reporting mortgage status	MORTGAGED		Not mortgaged
			Number	Percent	
1890.....	2,923,671	2,923,671	809,933	27.7	2,113,738
1900.....	3,566,809	3,394,967	1,086,605	32.0	2,308,362
1910.....	5,245,380	5,109,916	1,701,062	33.3	3,408,854
1920.....	7,041,283	6,867,546	2,735,668	39.8	4,131,878
1930.....	10,549,972	(1)	(1)	(1)	(1)
1940.....	11,413,036	10,611,259	4,804,778	45.3	5,806,481
1950.....	19,801,646	17,795,844	7,825,116	44.0	9,970,728
Urban.....	14,376,594	13,296,133	6,429,743	48.4	6,866,390
Rural nonfarm.....	5,425,052	4,499,711	1,395,373	31.0	3,104,338

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I.

### No. 1011.—MORTGAGE DEBT OUTSTANDING, BY TYPE OF PROPERTY AND HOLDER: 1940 TO 1957

[In billions of dollars. As of December 31]

YEAR	ALL PROPERTIES			NONFARM					FARM	
	All holders	Financial institutions <sup>1</sup>	Other holders	All holders	1- to 4-family houses		Multi-family and commercial properties <sup>2</sup>		All holders	Financial institutions <sup>1</sup>
					Total	Financial institutions <sup>1</sup>	Total	Financial institutions <sup>1</sup>		
1940.....	36.5	19.5	16.9	30.0	17.4	10.2	12.6	7.8	6.5	1.5
1945.....	35.5	21.0	14.5	30.8	18.6	12.2	12.2	7.4	4.8	1.3
1950.....	72.8	51.7	21.1	66.7	45.2	35.4	21.6	14.0	6.1	2.3
1951.....	82.3	59.5	22.8	75.6	51.7	41.1	23.9	15.9	6.7	2.6
1952.....	91.4	66.9	24.5	84.2	58.5	46.8	25.7	17.2	7.3	2.8
1953.....	101.3	75.1	26.3	93.6	66.1	53.6	27.5	18.5	7.8	3.0
1954.....	113.8	85.8	28.0	105.5	75.7	62.5	29.8	20.0	8.3	3.3
1955.....	130.0	99.4	30.6	120.9	88.2	73.8	32.7	21.9	9.1	3.6
1956.....	144.7	111.2	33.5	134.8	99.0	83.4	35.8	23.9	9.9	3.9
1957 (prel.).....	156.3	119.9	36.4	145.8	107.6	90.3	38.2	25.6	10.5	4.0

<sup>1</sup> Comprises commercial banks (including nondeposit trust companies but not trust departments), mutual savings banks, life insurance companies, and savings and loans associations.

<sup>2</sup> Derived figures, which include negligible amount of farm loans held by savings and loan associations.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.



**No. 1012.—NONFARM MORTGAGES RECORDED—MORTGAGES OF \$20,000 OR LESS,  
BY TYPE OF MORTGAGEE: 1940 to 1957**

[Numbers in thousands; amounts in millions of dollars. Estimates based on recordings in 450 counties and similar political subdivisions, which contain over one-half of the 1- to 4-family nonfarm dwelling units]

MORTGAGEE	1940	1945	1950	1952	1953	1954	1955	1956	1957
<b>NUMBER</b>									
<b>Total</b> .....	<b>1,456</b>	<b>1,639</b>	<b>3,032</b>	<b>3,028</b>	<b>3,164</b>	<b>3,458</b>	<b>3,913</b>	<b>3,602</b>	<b>3,246</b>
Savings and loan associations.....	503	575	935	1,027	1,109	1,198	1,373	1,202	1,122
Insurance companies.....	68	47	227	171	168	186	191	169	134
Commercial banks.....	316	299	628	600	599	661	783	724	587
Mutual savings banks.....	45	52	165	153	168	183	210	197	153
Individuals.....	340	499	610	671	682	675	726	734	736
Miscellaneous mortgagees.....	184	167	466	407	438	554	631	575	514
<b>AMOUNT</b>									
<b>Total</b> .....	<b>4,031</b>	<b>5,650</b>	<b>16,179</b>	<b>18,018</b>	<b>19,747</b>	<b>22,974</b>	<b>28,484</b>	<b>27,088</b>	<b>21,244</b>
Average amount.....dol.	2,769	3,448	5,335	5,950	6,241	6,644	7,279	7,521	7,469
Savings and loan associations.....	1,284	2,017	5,060	6,452	7,365	8,312	10,452	9,532	9,217
Insurance companies.....	334	250	1,618	1,420	1,480	1,768	1,932	1,799	1,472
Commercial banks.....	1,006	1,097	3,365	3,600	3,680	4,239	5,617	5,458	4,264
Mutual savings banks.....	170	217	1,064	1,137	1,327	1,501	1,858	1,824	1,429
Individuals.....	640	1,402	2,299	2,758	2,841	2,882	3,362	3,558	3,554
Miscellaneous mortgagees.....	598	666	2,774	2,651	3,055	4,272	5,265	4,917	4,307

Source: Federal Home Loan Bank Board.

**No. 1013.—ESTIMATED NONFARM REAL ESTATE FORECLOSURES: 1926 TO 1957**

[Based on data from approximately 1,400 counties, cities, townships, or other government divisions. Represents number of properties acquired through foreclosure proceedings. Excludes voluntary deeds of sale in lieu of foreclosure and defaults on real estate contracts]

YEAR	Fore- closures	YEAR	Fore- closures	YEAR	Fore- closures
1926.....	68,100	1937.....	151,366	1948.....	13,052
1927.....	91,000	1938.....	118,357	1949.....	17,635
1928.....	116,000	1939.....	100,410	1950.....	21,537
1929.....	134,900	1940.....	75,556	1951.....	18,141
1930.....	150,000	1941.....	58,569	1952.....	18,135
1931.....	193,800	1942.....	41,997	1953.....	21,473
1932.....	248,700	1943.....	25,281	1954.....	26,211
1933.....	252,400	1944.....	17,153	1955.....	28,529
1934.....	230,350	1945.....	12,706	1956.....	30,963
1935.....	228,713	1946.....	10,453	1957.....	34,204
1936.....	185,439	1947.....	10,559		

Source: Federal Home Loan Bank Board.

**No. 1014.—MORTGAGE LOANS ON ONE- TO FOUR-FAMILY NONFARM HOMES—  
ESTIMATED BALANCE OUTSTANDING, BY TYPE OF MORTGAGEE: 1945 to 1957**

[In millions of dollars. Represents estimates on basis of recent surveys and more detailed analyses of mortgage holdings. See also *Historical Statistics, 1789-1945*, series H 120-126]

MORTGAGEE	1945	1949	1950	1951	1952	1953	1954	1955	1956	1957 (prel.)
<b>Total</b> .....	<b>18,591</b>	<b>37,619</b>	<b>45,170</b>	<b>51,711</b>	<b>58,500</b>	<b>66,094</b>	<b>75,677</b>	<b>88,250</b>	<b>99,037</b>	<b>107,600</b>
Savings and loan associations.....	5,156	11,117	13,116	14,844	17,645	20,999	25,004	30,001	34,040	38,209
Life insurance companies.....	2,306	6,093	8,478	10,610	11,757	13,195	15,153	17,661	20,130	21,516
Mutual savings banks.....	1,894	3,364	4,312	5,331	6,194	7,373	9,002	11,100	12,990	13,843
Commercial banks.....	2,875	7,956	9,491	10,275	11,250	12,025	13,300	15,075	16,245	16,405
Home Owners' Loan Corporation.....	852	231	10							
Federal National Mortgage Association.....	7	806	1,328	1,818	2,210	2,358	2,328	2,444	2,866	3,777
Individuals and others.....	5,501	8,052	8,445	8,833	9,444	10,144	10,890	11,969	12,766	13,850

Source: Federal Home Loan Bank Board: *Annual Report*.

# No. 1015.—PERCENT DISTRIBUTION OF HOME LOANS GUARANTEED BY VA, BY PURCHASE PRICE, MORTGAGE MATURITY, AND DOWNPAYMENT STATUS: 1954 TO 1957

[Based on complete count of loans]

PURCHASE PRICE, MATURITY, AND DOWNPAYMENT STATUS	NEW HOMES				EXISTING HOMES			
	1954	1955	1956	1957	1954	1955	1956	1957
<b>PURCHASE PRICE</b>								
All price ranges.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$3,000.....	4.1	2.1	1.3	0.0	19.9	18.4	15.7	16.4
\$3,000 to \$9,999.....	19.1	15.0	8.7	4.4	22.9	20.3	17.2	16.3
\$10,000 to \$14,999.....	34.3	29.8	24.5	17.2	22.6	22.2	21.2	19.4
\$15,000 to \$19,999.....	32.3	38.4	41.4	40.0	21.7	23.7	25.7	26.0
\$20,000 and over.....	8.6	13.0	21.3	30.7	10.2	12.1	15.4	16.7
Average purchase price.....	1.6	1.7	2.8	5.9	2.9	3.3	4.8	5.2
\$11,924	\$12,476	\$13,390	\$14,335	\$10,989	\$11,343	\$11,070	\$12,086	
<b>MORTGAGE MATURITY</b>								
All maturities.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 25 years.....	13.7	5.3	5.8	6.1	61.6	50.5	54.1	59.9
25 years.....	49.4	32.7	37.2	32.2	30.4	37.6	37.7	30.6
26 to 30 years.....	36.9	62.0	57.0	61.7	8.0	11.9	8.2	9.5
<b>DOWNPAYMENT STATUS</b>								
All loans.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
With downpayments.....	63.0	46.6	68.0	91.6	84.4	80.3	97.8	99.0
With no downpayments.....	37.0	53.4	32.0	8.4	15.6	19.7	2.2	1.0

Source: Veterans Administration.

# No. 1016.—FINANCIAL CHARACTERISTICS OF HOME LOANS GUARANTEED BY VA, BY MONTHLY INCOME OF PURCHASERS: 1957

[Based on a 10-percent sample of loan applications submitted to VA for prior approval, which constitute about 75 percent of the total. The remaining loans, made by supervised lenders on an automatic basis, do not contain data on income and liquid assets of the purchasers]

ITEM	All incomes	MONTHLY INCOME (AFTER TAXES)				
		Less than \$300	\$300 to \$399	\$400 to \$499	\$500 to \$699	\$700 and over
New and existing homes (averages):						
Liquid assets of purchaser.....	\$2, 215	\$1, 325	\$1, 570	\$1, 075	\$2, 555	\$4, 405
Purchase price.....	\$13, 790	\$9, 820	\$12, 070	\$13, 665	\$15, 060	\$17, 520
Loan.....	\$12, 740	\$8, 935	\$11, 210	\$12, 705	\$13, 905	\$15, 820
Downpayment.....	\$1, 050	\$885	\$860	\$960	\$1, 155	\$1, 700
Percent of purchase price.....	7.6	9.0	7.1	7.0	7.7	9.7
Percent of liquid assets.....	47.4	66.8	54.8	48.6	45.2	38.6
Monthly income after taxes.....	\$434.40	\$268.50	\$355.05	\$443.60	\$574.50	\$848.05
Monthly housing expense.....	\$118.10	\$87.70	\$103.30	\$118.90	\$127.80	\$146.25
Percent of income after taxes.....	24.4	32.7	29.1	26.8	22.2	17.2
Percent of loans.....	100.0	100.0	100.0	100.0	100.0	100.0
New homes.....	81.8	55.9	77.8	83.2	86.1	88.2
Existing homes.....	18.2	44.1	22.2	16.8	13.9	11.8

Source: Veterans Administration.

# No. 1017.—COMPLETED DWELLING UNITS OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION: 1935 TO 1957

[As of December 31. See headnote, table 1013]

YEAR	Total	Federally owned	Locally owned	YEAR	Total	Federally owned	Locally owned
1935.....	798	798	—	1947.....	1,173,646	765,492	408,154
1936.....	8,174	8,174	—	1948.....	841,844	561,176	280,668
1937.....	21,639	21,639	—	1949.....	669,240	451,136	218,104
1938.....	26,599	21,639	4,960	1950.....	581,912	395,401	186,511
1939.....	60,907	21,639	39,268	1951.....	563,551	372,192	191,359
1940.....	121,972	21,639	100,333	1952.....	589,025	343,269	245,756
1941.....	313,352	176,847	136,505	1953.....	584,321	271,004	313,317
1942.....	599,455	432,490	140,965	1954.....	547,400	179,195	368,205
1943.....	723,964	576,322	147,642	1955.....	493,668	98,956	394,712
1944.....	817,029	607,629	149,400	1956.....	451,175	45,057	406,118
1945.....	949,868	673,895	275,973	1957 <sup>1</sup> .....	429,500	5,400	424,100

<sup>1</sup> Excludes 5,158 emergency program units in process of disposition.Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report*, and records.

# No. 1018.—LOW-RENT DWELLING UNITS SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY PROGRAM: 1957

[As of December 31. PWA housing was authorized under the Industrial Recovery Act of 1933 and the Emergency Relief Appropriation Act of 1935. The Housing Act of 1937 (PL-412) provided for loans and annual contributions to local public housing authorities. In 1940, PL-671 extended the provisions of PL-412 to provide for defense-worker housing. Title III of the Housing Act of 1949 (PL-171) increased the provisions of PL-412 by 810,000 dwelling units. The Housing Act of 1950 (PL-475) provided for conveyance by PHA of "permanent war housing units" to local public housing authorities. Minus sign (-) denotes decrease]

PROGRAM	TOTAL		Federally owned	Locally owned
	Number	Net increase since Dec. 31, 1956		
Total.....	534,594	980	5,400	529,194
Under management.....	429,500	5,567	5,400	424,100
Under construction.....	24,036	10,058		24,036
Not yet under construction.....	81,058	-14,045		81,058
Public Law 171.....	322,088	6,268		322,088
Public Law 412.....	117,003	-19	5	116,998
Public Law 671.....	47,954	-453	303	47,651
Public Works Administration.....	21,135		3,522	17,613
Farm labor camps.....	1,570	-7,199	1,570	
Public Law 475.....	24,844	2,383		24,844

Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report*.

# No. 1019.—PUBLIC HOUSING ADMINISTRATION UNITS COMPLETED FOR OCCUPANCY: 1936 TO 1957

[Covers programs administered by Housing and Home Finance Agency or Public Housing Administration]

YEAR	All public housing	LOW-RENT			War and defense housing <sup>2</sup>	Veterans' re-use housing
		Total	U. S. Housing Act <sup>1</sup>	Public Works Administration		
Total.....	1,413,104	407,748	386,109	21,639	739,704	265,652
1936 to 1940.....	60,907	60,907	39,268	21,639		
1941.....	120,851	61,065	61,065		59,786	
1942.....	156,901	30,172	36,172		120,729	
1943.....	371,700	24,296	24,296		347,404	
1944.....	153,696	3,269	3,269		150,327	
1945.....	44,157	2,080	2,080		40,171	1,906
1946.....	134,847	1,925	1,925		4,051	128,871
1947.....	107,097	466	466			106,631
1948.....	30,066	1,348	1,348		1,550	27,168
1949.....	1,242	547	547			695
1950.....	1,636	1,255	1,255			381
1951.....	10,246	10,246	10,246			
1952.....	63,835	58,258	58,258		5,577	
1953.....	64,773	58,214	58,214		6,559	
1954.....	47,734	44,293	44,293		3,441	
1955.....	21,008	20,899	20,899		109	
1956.....	11,993	11,993	11,993			
1957.....	10,515	10,515	10,515			

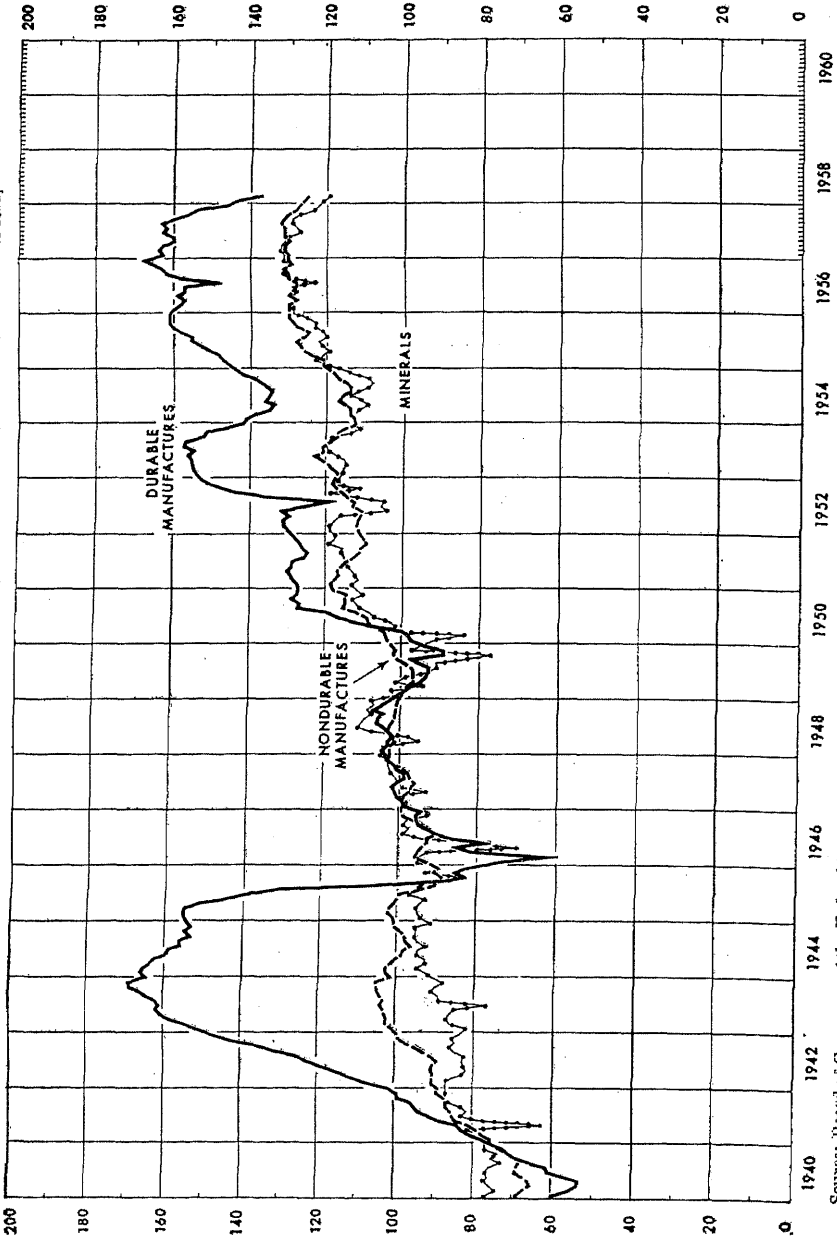
<sup>1</sup> Includes 60,489 units diverted to war housing during the emergency.

<sup>2</sup> Includes permanent war housing units (24,844) which have been conveyed to local authorities for low-rent use under Public Law 475.

<sup>3</sup> Units completed for emergency flood projects in Portland-Vancouver area.

Source: Housing and Home Finance Agency, Public Housing Administration.

FIG. XL.—INDUSTRIAL PRODUCTION INDEXES: 1940 TO 1958  
[1947-49=100. Monthly data based on physical volume and adjusted for seasonal variation. See table 1022]



Source: Board of Governors of the Federal Reserve System.

## Section 30

### Manufactures

This section presents measures of the manufacturing segment of the economy and its component inputs and outputs. The input data include figures for establishments; employment and wages; raw materials, fuels, and energy consumed; plant and equipment expenditures; and water use. The output data include figures for value and quantity of production and shipments; and value added by manufacture. Both types of data are shown for manufacturing as a whole, for major product groups, and for specific selected products.

The principal sources of these data are the reports of the Census of Manufactures conducted periodically by the Bureau of the Census; the same agency's *Annual Survey of Manufactures*; and its *Facts for Industry* 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 Bureau of Labor Statistics, Agricultural Marketing Service, Business and Defense Services Administration, Fish and Wildlife Service, Tariff Commission, and Internal Revenue Service, and by private research or trade associations such as the American Iron and Steel Institute, the National Cannery Association, and the National Association of Hosiery Manufacturers.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, and the Federal Trade Commission. Financial statistics for certain manufacturing industries 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 summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries.

**Censuses and annual surveys.**—The first Census of Manufactures covered the year 1809 and a census was taken at 10-year intervals to 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and every second year from 1921 through 1939, but was suspended during the war period until the 1947 Census. A census covering the year 1954 was the first taken under present legislation which provides for a quinquennial Census of Manufactures.

The *Annual Survey of Manufactures* was conducted for the first time in 1949 and carries forward, for the intercensal years, measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It is designed to yield estimates of general statistics (employment, payrolls, value added by manufacture, inventories, and new capital expenditures) for industry groups, important individual industries, geographic divisions, States, and large standard metropolitan areas. Cross-tabulations are provided for divisions, States, and selected standard metropolitan areas by major industry groups.

Note.—This section presents data for the most recent year or period available on June 4, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

The annual survey is based on a sample of about 50,000 of an approximate total of 300,000 manufacturing establishments. It comprises all large plants and a representative selection of the more numerous small plants. The large plants in the survey account for approximately two-thirds of total manufacturing employment in the United States. (Government-owned and -operated establishments are excluded.)

**Establishments and classification.**—The 1947 and 1954 Censuses of Manufactures covered operating manufacturing establishments as defined in the *Standard Industrial Classification Manual* issued by the Bureau of the Budget. Reports were required from all establishments employing one or more persons at any time during the census year. Each of the establishments tabulated was classified in one of the 461 manufacturing industries as defined by the Standard Industrial Classification system. This system defines an industry as a number of establishments producing a single product or a closely related group of products. An establishment is classified in a particular industry if its production of this product or product group exceeds in value its production of any other product group. In a few instances, the industry classification of an establishment is determined not only by its product group but also by the processes employed in making those products.

While some establishments produce only the products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of products primary to that industry.

The 1947 and 1954 Censuses were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory and is not necessarily identical with the business unit or company which consists 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.

In earlier Censuses of Manufactures, establishments having less than \$5,000 value of products were designated as outside the scope of the census. The change in the minimum size limit in 1947 (employment of one person) as compared with 1939 has not appreciably affected the comparability for these two years, except for data on number of establishments for a few industries.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for the annual surveys as for the census of manufactures. Consequently, these series may be considered to be comparable. However, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the fifteenth of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. The 1954 figures are an average of reported employment totals for the four specified months, except for highly seasonal industries, where a 12-month average was obtained. Further, 1947 figures exclude data for central administrative offices and auxiliary establishments of manufacturing concerns, which are included in the statistics for later years. Employment data shown for administrative and auxiliary units were obtained from employer reports for mid-March to the Bureau of Old-Age and Survivors Insurance for the years 1949 to 1953; for 1954 such data were obtained during the census directly from each manufacturing firm.

**Material in other sections.**—In addition to the statistics presented in this section, statistics on the output and activities of manufacturers will be found in various other sections of this volume. For example, an historical summation of production and

consumption of raw materials appears in section 28, Mining and Mineral Products (see table 935); data on wages and hours appear in section 8, Labor Force, Employment, and Earnings; and abbreviated balance sheet and income account data on all manufacturing corporations appear in section 14, Federal Government Finances and Employment, and in section 17, Business Enterprise.

**Historical statistics.**—Tabular headnotes (as “See also *Historical Statistics, 1789-1946*, series J 1-12”) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1946*, and its *Continuation to 1952*. See preface.

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### Technical Note—Annual Survey of Manufactures

The annual survey estimates vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation is given in the table column captioned “Standard error.” The standard error should be interpreted to mean that the sample estimates will differ from complete canvass totals by *less than*: (1) The percentage shown in approximately 2 cases out of 3; (2) twice the percentage shown in approximately 19 cases out of 20; and (3) three times the percentage shown in almost every case. The standard error percentages shown were computed for 1955 data. Standard error figures are not available for 1956, but on the average would be 1 or 2 percentage points greater than those for 1955. It should be noted that standard errors are shown only for selected items. The standard errors of other measures are usually of the same general magnitude.

In making any study of the trend, it is important to take account of the effect of the sampling variation on the apparent increase or decrease shown between years. In addition to sampling errors, individual figures may be subject to biases arising from undetected response or procedural errors which are not reflected in the “standard errors.” Figures are normally withheld from publication in the original source volumes if (1) the standard error of the estimate exceeds 15 percent, or (2) survey estimates are inconsistent with other Census series and related data. Any estimate which can be derived by subtraction of one published figure from another may have a standard error considerably in excess of 15 percent.

## No. 1020.—MANUFACTURES—SUMMARY: 1899 TO 1956

[Figures for 1899 to 1919 comprise establishments whose products were valued at \$500 or more; for 1921 to 1939, establishments whose products were valued at \$5,000 or more; for 1947 and later years, figures cover all establishments employing 1 or more persons at any time during year. Excludes hand and neighborhood industries. See also *Historical Statistics, 1789-1945*, series J 1-12]

YEAR	Number of establishments	Number of proprietors and firm members	ALL EMPLOYEES <sup>1</sup>		PRODUCTION WORKERS			Value added <sup>3</sup>
			Number (average for year) <sup>2</sup>	Salaries and wages	Number (average for year)	Man-hours	Wages	
			1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.
1899.....	204, 754	(4)	4, 850	2, 259	4, 502		1, 893	4, 647
1904.....	213, 444	225	5, 675	2, 991	5, 182		2, 441	6, 019
1909.....	264, 810	272	7, 012	4, 105	6, 262		3, 205	8, 160
1914.....	268, 436	259	7, 514	5, 016	6, 602		3, 782	9, 386
1919.....	270, 231	250	9, 837	12, 427	8, 465		9, 664	23, 842
1921.....	192, 059	172	7, 557	9, 870	6, 475		7, 451	17, 253
1923.....	192, 096	148	9, 475	12, 996	8, 194		10, 149	24, 569
1925.....	183, 877	133	9, 142	12, 958	7, 871		9, 980	25, 668
1927.....	187, 629	132	9, 072	13, 123	7, 848		10, 099	26, 325
1929.....	206, 663	133	9, 660	14, 284	8, 370		10, 885	30, 591
1931.....	171, 450	(4)	(4)	(4)	6, 163		6, 689	18, 001
1933.....	139, 325	72	6, 558	6, 238	5, 788		4, 940	14, 008
1935.....	167, 916	82	8, 282	9, 565	7, 204		7, 311	18, 553
1937.....	166, 794	99	9, 786	12, 830	8, 569		10, 112	25, 174
1939.....	173, 802	7 124	9, 527	12, 705	7, 808		8, 998	24, 437
1947.....	240, 807	189	14, 294	39, 696	11, 918	24, 316	30, 244	74, 290
1949 <sup>5</sup> .....	(4)	(4)	13, 880	42, 752	11, 016	21, 770	30, 254	75, 367
1950 <sup>5</sup> .....	260, 000	(4)	14, 770	47, 893	11, 779	23, 717	34, 600	89, 750
1951 <sup>5</sup> .....	202, 000	(4)	15, 638	56, 284	12, 509	25, 264	40, 655	102, 086
1952 <sup>5</sup> .....	267, 000	(4)	16, 061	61, 141	12, 706	25, 618	43, 764	109, 162
1953 <sup>5</sup> .....	285, 000	(4)	17, 093	68, 590	13, 501	27, 066	48, 979	121, 659
1954.....	286, 817	198	16, 126	65, 977	12, 373	24, 341	44, 595	116, 913
1955 <sup>5</sup> .....	283, 047	(4)	16, 819	72, 126	12, 957	25, 909	49, 280	131, 598
1956 <sup>5</sup> .....	(4)	(4)	17, 178	77, 059	13, 135	26, 101	52, 061	139, 683

<sup>1</sup> Beginning 1939 includes data for employees of manufacturing establishments engaged in distribution and construction work. Extent to which data for such employees were included in figures for earlier years is not known.

<sup>2</sup> Data for 1949-54 based on pay periods ending nearest 15th of Mar., May, Aug., and Nov. For 1947, data represent average of 12 monthly figures; for earlier years, sum of average number of production workers for year and number of nonproduction workers reported for 1 payroll period (usually in October).

<sup>3</sup> Value of shipments less cost of materials, supplies, fuel, electricity, and contract work. For 1899-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

<sup>4</sup> Not available. <sup>5</sup> Excludes data for salaried officers of corporations.

<sup>6</sup> Revised on basis of retabulation of returns to exclude data for establishments classified as nonmanufacturing in 1947. Value added by manufacture on a basis comparable with 1937 and previous years was \$24.7 billion.

<sup>7</sup> Number of proprietors and firm members not revised. Figures for "All employees" revised on basis of estimates rather than by retabulation of 1939 reports. (See footnote 6.)

<sup>8</sup> Estimates based on sample; see text, pp. 771 and 773.

<sup>9</sup> Includes data for administrative offices, and units auxiliary to manufacturing.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and *Annual Survey of Manufactures*.

## No. 1021.—INDEXES OF OUTPUT OF CONSUMER DURABLE GOODS: 1950 TO 1957

[1947-49=100. For description of series, see *Federal Reserve Bulletin*, May 1954, pp. 438-447]

TYPE OF GOODS	1950	1951	1952	1953	1954	1955	1956	1957
Consumer durables.....	133	114	105	127	116	147	131	130
Major durables.....	149	122	109	138	125	164	140	138
Autos.....	159	127	103	146	131	190	138	146
Major household goods.....	143	118	115	132	122	144	144	132
Furniture and floor coverings.....	120	104	109	113	101	116	117	114
Household furniture.....	123	109	113	118	106	120	121	120
Floor coverings.....	111	90	(1)	(1)	(1)	(1)	(1)	(1)
Appliances and heaters.....	132	112	90	118	111	138	143	127
Major appliances.....	137	115	100	123	115	144	151	133
Ranges.....	120	98	75	90	79	100	103	89
Refrigeration appliances.....	154	127	106	137	124	151	150	140
Laundry appliances.....	132	116	115	141	148	193	216	180
Heating apparatus.....	117	102	94	100	97	120	118	104
Radio and television sets.....	243	178	184	230	214	242	224	205
Radio sets.....	77	64	53	67	52	77	70	75
Television sets.....	561	396	436	541	522	558	519	453
Other consumer durables.....	95	96	95	102	95	106	111	111
Auto parts and tires.....	87	89	90	91	91	102	105	(1)
Miscellaneous home and personal goods.....	101	101	100	111	99	109	116	114

<sup>1</sup> Series suspended pending revision.

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.



## No. 1022.—INDUSTRIAL PRODUCTION—INDEXES, BY INDUSTRY GROUPS: 1947 TO 1958

[1947-49 average=100. Monthly data adjusted for seasonal variation. See also *Historical Statistics, 1789-1945*, series J 30-48 and G 6-8, for indexes on 1935-39 base]

YEAR AND MONTH	Total	MANUFACTURES										
		Total	Durable manufactures									Misc. manu- fac- tures
			Total	Pri- mary metals	Fabri- cated metal prod- ucts	Ma- chin- ery	Trans- porta- tion equip- ment	Instru- ments and related prod- ucts	Stone, clay, and glass prod- ucts	Lum- ber and prod- ucts	Furni- ture and fix- tures	
1947.....	100	100	101	108	103	103	96	100	98	101	100	100
1948.....	104	103	104	107	104	104	102	105	105	106	104	105
1949.....	97	97	95	90	93	93	102	95	97	93	96	95
1950.....	112	113	116	115	115	114	120	114	118	113	117	117
1951.....	120	121	128	126	122	130	135	128	131	113	111	120
1952.....	124	125	136	116	121	147	154	142	125	111	113	122
1953.....	134	136	153	132	136	160	189	155	133	118	117	140
1954.....	125	127	137	108	123	142	175	140	131	115	106	131
1955.....	139	140	155	140	134	155	203	149	149	127	119	141
1956.....	143	144	159	138	135	171	199	166	158	123	122	144
Mar.....	142	143	157	145	134	164	194	160	154	123	122	144
June.....	142	143	157	136	132	170	192	165	160	123	122	144
Sept.....	144	146	162	148	138	174	197	170	154	124	122	143
Dec.....	146	147	167	144	140	177	214	173	159	117	120	142
1957.....	143	145	160	131	139	168	213	172	155	114	120	140
Mar.....	145	147	163	137	138	172	219	173	155	115	119	140
June.....	145	147	163	132	139	171	220	173	156	125	121	142
Sept.....	144	146	160	131	139	170	212	173	159	112	122	143
Dec.....	135	137	146	107	135	155	194	168	148	103	116	131
1958:												
Mar.....	128	129	135	91	122	141	182	160	133	109	111	128

YEAR AND MONTH	MANUFACTURES—Continued											Minerals, total
	Nondurable manufactures											
	Total	Textile mill products	Apparel and allied products	Rubber products	Leather and products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Food and beverage manufactures	Tobacco manufactures	
1947.....	99	101	97	106	106	99	93	97	97	101	99	100
1948.....	102	105	102	102	100	102	103	103	104	99	101	106
1949.....	99	94	101	92	94	98	103	101	99	100	100	94
1950.....	111	111	108	119	101	118	111	121	110	103	101	105
1951.....	114	107	105	119	94	125	113	136	122	105	107	115
1952.....	114	103	108	116	99	120	116	137	123	105	110	114
1953.....	118	104	110	128	99	132	121	147	130	107	108	116
1954.....	116	95	105	115	95	134	120	148	125	106	108	111
1955.....	126	107	113	143	105	152	127	167	135	109	105	122
1956.....	129	104	112	133	104	159	136	177	141	113	107	129
Mar.....	129	108	111	137	103	157	132	170	144	113	105	129
June.....	129	102	111	126	101	161	135	178	142	112	106	129
Sept.....	130	103	112	133	103	159	137	177	142	113	107	130
Dec.....	130	101	110	135	102	157	141	178	144	113	107	130
1957.....	130	99	111	135	104	158	141	184	141	112	111	128
Mar.....	131	101	112	145	105	157	141	182	141	114	111	132
June.....	131	100	113	135	106	159	141	184	139	114	112	127
Sept.....	131	101	112	138	104	161	142	185	141	113	114	129
Dec.....	127	91	104	117	100	152	142	181	137	114	106	123
1958:												
Mar.....	124	91	99	116	98	149	138	170	127	113	112	112

Source: Board of Governors of the Federal Reserve System. Figures published monthly in *Federal Reserve Bulletin*.

**No. 1023.—MANUFACTURES—GENERAL STATISTICS**  
 [1955 and 1956 based on sample and subject to sampling variation; see

	INDUSTRY GROUP	1954							
		Estab- lish- ments, num- ber	All employees		Production workers		Value added by manu- facture <sup>1</sup>	Ratios	
			Num- ber	Payroll	Num- ber	Wages		Prim- ary prod- uct speciali- zation <sup>2</sup>	Cov- erage <sup>3</sup>
1	<b>All manufacturing establish- ments, incl. administrative and auxiliary units.....</b>	291,004	1,000 16,126	Mil. dol. 65,977	1,000 12,373	Mil. dol. 44,595	Mil. dol. 116,913	-----	-----
2	<b>Operating manufacturing estab- lishments only.....</b>	286,817	15,651	62,993	12,373	44,595	116,913	-----	-----
3	<b>Food and kindred products.....</b>	42,374	1,647	6,202	1,138	3,759	13,400	-----	-----
4	Meat products.....	4,992	311	1,235	243	899	1,931	0.97	0.99
5	Dairy products.....	11,503	283	1,086	153	507	2,257	.99	.99
6	Canned and frozen foods.....	3,513	199	573	175	442	1,301	.95	.97
7	Grain-mill products.....	3,352	110	435	79	286	1,217	.99	.90
8	Bakery products.....	6,414	291	1,124	179	583	1,977	.99	.99
9	Sugar.....	137	30	118	25	93	251	1.00	1.00
10	Candy and related products.....	1,490	80	255	66	181	596	.97	.95
11	Beverages.....	5,384	203	868	119	460	2,237	.99	1.00
12	Miscellaneous foods.....	5,589	139	508	99	303	1,633	.95	.89
13	<b>Tobacco manufactures.....</b>	627	95	260	87	220	988	-----	-----
14	Cigarettes.....	19	30	104	28	91	677	.99	1.00
15	Cigars.....	410	38	89	36	78	195	.99	1.00
16	Chewing and smoking tobacco.....	65	8	23	6	17	80	.96	.89
17	Tobacco stemming and redrying.....	133	19	43	17	33	65	1.00	.99
18	<b>Textile mill products.....</b>	8,070	1,037	3,032	948	2,527	4,749	-----	-----
19	Woolen and worsted manufactures.....	644	92	306	82	250	453	.97	.93
20	Yarn and thread mills.....	591	111	208	104	232	415	.95	.93
21	Broad-woven fabrics.....	1,060	386	1,056	364	937	1,550	.95	.88
22	Narrow fabric mills.....	513	26	79	23	61	122	.96	.94
23	Knitting mills.....	3,045	221	597	202	488	938	(9)	(9)
24	Finishing textiles, except wool.....	725	79	292	68	222	464	.86	.41
25	Carpets and rugs.....	327	51	185	44	145	361	.95	.98
26	Hats, except cloth and millinery.....	201	13	41	11	32	62	.98	.98
27	Miscellaneous textile goods.....	904	58	208	49	152	383	.93	.90
28	<b>Apparel and related products.....</b>	31,372	1,190	3,202	1,070	2,521	5,147	-----	-----
29	Men's and boys' suits and coats.....	1,426	122	382	109	307	548	.91	.96
30	Men's and boys' furnishings.....	3,901	286	659	263	523	1,008	.94	.81
31	Women's and misses' outerwear.....	10,298	364	1,046	327	825	1,686	.98	.92
32	Women's and children's undergar- ments.....	1,843	112	285	101	219	513	.96	.88
33	Millinery.....	871	20	66	18	54	101	.99	.98
34	Children's outerwear.....	1,983	78	196	70	156	322	.94	.83
35	Fur goods.....	1,972	10	43	8	34	75	.99	1.00
36	Miscellaneous apparel.....	1,804	64	163	57	125	267	.92	.86
37	Fabricated textiles, n. e. c.....	7,274	135	381	116	279	627	.94	.77
38	<b>Lumber and wood products.....</b>	41,484	646	1,934	582	1,605	3,188	-----	-----
39	Logging camps and contractors.....	12,865	76	211	68	182	390	.98	.89
40	Lumber and basic products.....	20,487	341	962	315	828	1,595	.96	.81
41	Millwork and related products.....	3,894	119	456	101	351	710	.94	.94
42	Wooden containers.....	1,513	52	138	48	114	215	.94	.88
43	Miscellaneous wood products.....	2,785	87	167	50	130	278	.93	.92
44	<b>Furniture and fixtures.....</b>	10,273	341	1,197	287	893	1,966	-----	-----
45	Household furniture.....	6,470	244	819	208	618	1,321	.96	.95
46	Office furniture.....	241	22	85	18	66	155	.84	.87
47	Public and professional furniture.....	304	20	76	16	55	126	.84	.81
48	Partitions and fixtures.....	1,626	33	143	27	102	231	.88	.87
49	Screens, shades, and blinds.....	1,327	18	60	14	40	110	.86	.84
50	Furniture and fixtures, n. e. c.....	215	4	16	4	11	25	.75	.74
51	<b>Pulp, paper, and products.....</b>	5,004	530	2,217	436	1,657	4,581	-----	-----
52	Pulp, paper, and board.....	932	216	975	133	778	2,289	.99	1.00
53	Paper coating and glazing.....	277	28	124	20	80	282	.85	.86
54	Envelopes.....	196	16	63	13	44	101	.96	.92
55	Paper bags.....	351	33	121	28	90	212	.91	.88
56	Paperboard containers.....	1,888	145	571	118	406	970	.96	.98
57	Pulp, paper, and products, n. e. c.....	1,330	92	364	74	260	727	.91	.89

For footnotes, see pp. 780 and 781.

FOR INDUSTRY GROUPS: 1954 TO 1956

text, pp. 771 and 773. "N. e. c." means not elsewhere classified]

1955			1956							STANDARD ERROR <sup>4</sup>	
All employees		Value added by manu- facture <sup>1</sup>	All employees		Production workers			Value added by manu- facture	Total em- ploy- ment	Value added by manu- facture <sup>1</sup>	
Num- ber	Payroll		Num- ber	Payroll	Num- ber	Man- hours	Wages				
1,000 16,819	Mil. dol. 72,126	Mil. dol. 131,598	1,000 17,178	Mil. dol. 77,059	1,000 18,135	Millions 26,101	Mil. dol. 52,061	Mil. dol. 139,683	Percent 1	Percent 1	1
16,344	69,143	131,598	16,704	74,076	13,135	26,101	52,061	139,683	1	1	2
1,675	6,545	14,366	1,707	6,965	1,167	2,379	4,203	15,374	1	1	3
314	1,329	2,257	324	1,439	253	541	1,056	2,469	1	1	4
294	1,156	2,318	300	1,211	158	334	550	2,442	2	2	5
208	601	1,309	213	665	186	351	519	1,537	1	1	6
111	452	1,264	111	468	79	188	299	1,330	1	1	7
295	1,186	2,101	304	1,254	185	369	645	2,244	1	1	8
29	121	297	28	127	23	51	99	2,848	1	1	9
82	265	640	82	280	65	128	195	658	1	1	10
202	905	2,383	205	952	119	234	501	2,501	1	1	11
140	530	1,708	142	569	100	203	338	1,836	1	1	12
96	271	1,079	93	279	85	156	237	1,175	2	1	13
31	113	749	31	119	29	57	105	534	1	1	14
38	90	184	35	87	32	68	76	197	2	4	15
7	24	79	7	24	6	11	18	77	1	2	16
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1	2	17
1,059	3,241	5,291	1,044	3,298	949	1,874	2,750	5,303	1	1	18
96	326	521	97	347	87	178	281	572	4	4	19
111	295	477	107	296	100	194	257	493	2	3	20
377	1,097	1,673	368	1,099	347	697	988	1,630	1	1	21
27	83	135	28	86	25	46	67	137	5	3	22
236	649	1,057	237	681	214	401	555	1,098	1	2	23
83	316	511	79	305	68	142	237	479	2	2	24
53	199	405	54	207	46	93	162	400	1	1	25
14	42	66	13	42	12	21	32	65	2	9	26
63	233	445	61	234	51	102	170	429	2	3	27
1,248	3,408	5,473	1,271	3,612	1,134	2,031	2,842	5,807	1	1	28
130	416	601	132	441	117	209	356	637	2	2	29
300	681	1,081	308	746	283	507	620	1,152	1	3	30
373	1,079	1,748	380	1,146	339	597	891	1,892	1	1	31
121	305	534	123	317	110	198	251	582	2	2	32
19	61	96	20	63	19	32	51	103	6	4	33
83	212	327	86	230	75	138	178	360	3	3	34
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4	4	35
67	175	288	68	178	60	104	137	288	4	4	36
144	428	727	143	439	121	228	315	704	3	3	37
693	2,187	3,650	698	2,276	631	1,187	1,887	3,655	1	1	38
85	262	468	90	278	83	139	245	492	5	6	39
363	1,069	1,818	365	1,125	338	632	964	1,816	1	2	40
132	525	837	128	522	107	215	397	778	1	2	41
51	139	226	49	142	45	88	118	229	2	4	42
63	189	300	67	208	58	114	162	340	4	5	43
366	1,329	2,237	376	1,417	315	638	1,057	2,453	1	1	44
200	905	1,494	265	951	226	457	720	1,599	1	1	45
24	102	192	27	122	22	48	98	242	3	4	46
22	87	154	23	99	19	39	69	163	8	10	47
36	153	254	35	160	28	58	113	278	4	4	48
20	65	115	21	67	16	30	45	142	6	9	49
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5	17	4	7	12	30	7	7	50
549	2,432	5,082	565	2,629	461	982	1,952	5,509	1	1	51
222	1,077	2,559	227	1,170	190	426	927	2,758	2	1	52
29	135	317	30	144	21	44	90	337	1	1	53
17	71	116	18	79	15	29	54	134	3	4	54
34	133	233	37	149	30	61	107	285	2	2	55
152	622	1,054	156	664	127	261	473	1,133	2	1	56
96	394	803	97	423	78	161	301	863	1	3	57

INDUSTRY GROUP		1954							
		Estab- lish- ments, num- ber	All employees		Production workers		Value added by manu- facture <sup>1</sup>	Ratios	
			Num- ber	Payroll	Num- ber	Wages		Pri- mary prod- uct special- ization <sup>2</sup>	Cov- erage <sup>3</sup>
			1,000	Mil. dol.	1,000	Mil. dol.	Mil. dol.		
1	Printing and publishing.....	32,531	804	3,625	500	2,115	6,265		
2	Newspapers.....	8,646	282	1,263	149	667	2,144	0.95	1.00
3	Periodicals.....	2,045	62	313	16	68	796	.95	.97
4	Books.....	1,412	57	245	28	108	539	.89	.80
5	Miscellaneous publishing.....	946	18	73	5	24	149	.85	.82
6	Commercial printing.....	12,073	200	889	168	651	1,358	.85	.86
7	Lithographing.....	2,924	78	377	60	261	579	.82	.79
8	Greeting cards.....	294	21	70	15	42	131	.93	.89
9	Bookbinding and related industries.....	1,419	37	131	32	98	199	.89	.85
10	Printing trades services.....	2,772	48	265	37	196	369	.96	.91
11	Chemicals and products.....	11,075	739	3,407	501	2,006	9,444		
12	Inorganic chemicals.....	518	121	594	78	346	1,387	.89	.83
13	Organic chemicals.....	772	245	1,193	176	769	3,214	.91	.90
14	Drugs and medicines.....	1,371	92	426	58	216	1,337	.94	.94
15	Soap and related products.....	1,543	46	219	28	108	828	.87	.64
16	Paints and allied products.....	1,671	70	324	44	167	850	.95	.95
17	Gum and wood chemicals.....	117	7	27	6	20	62	.76	.98
18	Fertilizers.....	840	32	112	25	77	252	.96	.97
19	Vegetable and animal oils.....	1,013	40	153	31	105	385	.91	.88
20	Chemical products, n. e. c.....	3,230	85	390	57	197	1,129	.90	.79
21	Petroleum and coal products.....	1,262	183	953	136	659	2,209		
22	Petroleum refining.....	409	153	816	114	571	1,901	.99	.98
23	Paving and roofing materials.....	523	20	88	16	63	200	.93	.95
24	Petroleum and coal products, n. e. c.....	339	10	49	6	25	108	.89	.22
25	Rubber products.....	1,406	247	1,059	196	775	1,904		
26	Tires and inner tubes.....	49	93	442	74	334	845	.88	.99
27	Rubber footwear.....	22	18	64	16	51	107	.84	.85
28	Reclaimed rubber.....	20	3	13	2	10	22	.87	.74
29	Rubber industries, n. e. c.....	1,315	133	541	104	380	930	.88	.78
30	Leather and leather goods.....	4,845	357	1,027	321	834	1,637		
31	Leather tanning and finishing.....	579	43	168	39	137	264	.98	1.00
32	Industrial leather belting.....	136	5	19	3	11	35	.97	.92
33	Footwear cut stock.....	563	20	57	18	44	87	.97	.96
34	Footwear, except rubber.....	1,369	230	619	210	513	986	1.00	1.00
35	Leather gloves.....	239	7	16	6	12	23	.88	.90
36	Luggage.....	497	16	52	14	40	89	.94	.97
37	Purses and small leather goods.....	973	30	80	27	63	125	.96	.96
38	Miscellaneous leather goods.....	489	6	16	5	12	27	.92	.85
39	Stone, clay, and glass products.....	11,162	492	1,938	412	1,496	3,822		
40	Flat glass.....	32	25	133	21	115	252	.90	1.00
41	Pressed and blown glassware.....	372	91	355	79	288	674	.99	.99
42	Products of purchased glass.....	859	22	88	18	68	193	.97	.75
43	Cement, hydraulic.....	1,62	40	168	34	135	529	.99	1.00
44	Structural clay products.....	1,053	73	267	64	214	425	.97	.99
45	Pottery and related products.....	867	51	174	45	139	260	.98	.95
46	Concrete and plaster products.....	5,410	90	340	70	241	706	.96	.98
47	Cut-stone and stone products.....	977	22	78	18	61	120	.93	.99
48	Nonmetallic mineral products, n. e. c.....	1,430	80	337	62	235	663	.94	.89
49	Primary metal industries.....	5,957	1,150	5,246	966	4,105	9,747		
50	Blast furnaces and steel mills.....	439	563	2,619	478	2,089	5,129	(e)	(e)
51	Iron and steel foundries.....	1,734	212	896	184	716	1,339	.94	.90
52	Primary nonferrous metals.....	104	54	245	45	192	614	.91	.94
53	Secondary nonferrous metals.....	360	16	72	12	47	142	.93	.64
54	Nonferrous rolling and drawing.....	281	89	410	72	305	860	.96	.92
55	Nonferrous foundries.....	1,920	73	328	62	251	477	.90	.92
56	Primary metal industries, n. e. c.....	1,119	142	677	114	504	1,135	.94	.35

For footnotes see pp. 780 and 781.

FOR INDUSTRY GROUPS: 1954 TO 1956—Continued

1955			1956						STANDARD ERROR <sup>4</sup>	
All employees		Value added by manu- facture <sup>1</sup>	All employees		Production workers			Value added by manu- facture <sup>1</sup>	Total em- ployment	Value added by manu- facture <sup>1</sup>
Number	Payroll		Number	Payroll	Number	Man- hours	Wages			
1,000	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.	Percent	Percent
823	3,843	6,781	854	4,124	527	1,018	2,389	1,400	1	1
289	1,351	2,370	299	1,448	155	296	757	2,513	1	2
65	337	833	65	343	17	29	72	935	1	3
57	263	595	68	296	29	( <sup>5</sup> )	( <sup>5</sup> )	679	1	4
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2	5
205	932	1,447	212	1,011	168	331	746	1,587	2	6
80	394	618	81	419	62	124	289	678	1	7
20	68	135	21	76	14	27	44	147	9	8
38	137	210	42	150	37	67	117	238	2	9
50	281	403	51	208	39	77	217	436	2	10
747	3,599	10,941	760	3,889	517	1,045	2,279	11,592	1	11
120	626	1,671	119	657	81	166	399	1,825	1	12
251	1,273	3,983	253	1,414	188	376	905	4,045	1	13
91	443	1,409	93	474	57	114	227	1,711	1	14
48	233	895	47	240	28	51	117	955	2	15
72	351	940	73	366	45	91	190	979	1	16
7	28	72	7	27	6	13	21	71	5	17
32	115	249	30	120	23	40	81	238	3	18
38	150	357	39	162	29	65	110	414	2	19
87	381	1,275	90	421	60	121	229	1,354	1	20
183	1,001	2,714	184	1,083	136	271	744	3,098	1	21
151	849	2,376	154	931	114	226	645	2,764	1	22
22	98	227	20	94	16	33	68	217	3	23
10	54	112	11	58	6	13	31	118	2	24
265	1,257	2,259	265	1,260	211	415	931	2,295	1	25
99	543	1,021	98	529	78	150	404	1,025	1	26
20	73	112	22	83	19	37	68	131	1	27
3	16	30	3	16	3	6	12	26	3	28
143	620	1,007	142	633	111	222	447	1,112	1	29
366	1,102	1,765	367	1,149	329	607	939	1,850	1	30
43	171	304	41	172	37	72	141	279	1	31
5	22	42	5	22	4	7	14	46	4	32
22	62	96	22	63	19	35	50	101	6	33
234	604	1,033	236	705	214	390	592	1,125	1	34
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5	35
19	61	106	20	63	17	31	48	106	5	36
32	86	138	31	89	28	53	69	146	3	37
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	3	38
525	2,178	4,532	536	2,345	450	911	1,815	4,883	1	39
26	160	346	27	166	23	49	144	319	2	40
94	386	732	97	419	84	166	340	805	1	41
23	104	238	24	106	20	40	84	236	2	42
41	179	594	41	195	36	74	158	660	1	43
78	300	520	81	330	72	144	263	530	2	44
54	193	302	54	209	48	90	167	323	3	45
99	382	858	102	418	81	172	301	1,019	2	46
22	82	136	22	85	19	38	66	137	2	47
87	391	806	87	417	67	138	293	853	1	48
1,274	6,418	12,786	1,319	6,893	1,109	2,195	5,444	13,403	1	49
636	3,336	6,976	661	3,556	550	1,069	2,868	7,201	1	50
232	1,072	1,945	238	1,143	207	426	1,779	2,779	2	51
50	260	816	59	306	48	100	237	914	2	52
18	83	193	18	89	14	28	58	174	3	53
99	494	1,090	103	537	82	169	397	1,118	1	54
82	378	573	82	394	70	141	306	596	2	55
151	790	1,493	158	867	129	269	653	1,622	1	56

INDUSTRY GROUP		1954							
		Estab- lish- ments, num- ber	All employees		Production workers		Value added by manu- facture <sup>1</sup>	Ratios	
			Num- ber	Payroll	Num- ber	Wages		Primary product special- ization <sup>2</sup>	Cov- erage <sup>3</sup>
1	Fabricated metal products.....	22,516	1,000	Mil. dol.	1,000	Mil. dol.	Mil. dol.		
2	Tin cans and other tinware.....	227	1,019	4,397	821	3,174	7,596	0.98	0.99
3	Cutlery, tools, and hardware.....	1,930	144	245	48	202	482	.87	.90
4	Heating and plumbing equipment.....	1,229	106	451	83	317	828	.85	.86
5	Structural metal products.....	7,421	284	1,281	217	874	2,204	.92	.91
6	Metal stamping and coating.....	5,553	184	777	154	580	1,245	.85	(9)
7	Lighting fixtures.....	1,228	45	182	36	129	324	.90	.91
8	Fabricated wire products.....	1,352	63	254	52	189	431	.89	.57
9	Metal products, n. e. c.....	3,585	139	606	113	439	1,038	.91	.81
10	Machinery, except electrical.....	25,601	1,542	7,191	1,171	4,980	12,339		
11	Engines and turbines.....	141	82	400	61	278	690	.88	.84
12	Tractors and farm machinery.....	1,360	139	602	106	424	1,050	.87	.92
13	Construction and mining machinery.....	971	109	510	80	328	901	.87	.85
14	Metalworking machinery.....	6,539	263	1,397	206	1,018	2,350	.92	.87
15	Special-industry machinery, n. e. c.....	2,900	166	755	123	498	1,215	.87	.85
16	General industrial machinery.....	2,604	224	1,047	157	653	1,859	.85	.81
17	Office and store machines.....	409	101	456	82	337	774	.80	.96
18	Service and household machines.....	1,137	197	875	149	601	1,589	.85	.90
19	Miscellaneous machinery parts.....	9,540	261	1,150	209	843	1,910	.90	.88
20	Electrical machinery.....	5,758	959	3,951	722	2,646	7,403		
21	Electrical industrial apparatus.....	2,030	340	1,494	250	984	2,795	.88	.91
22	Electrical appliances.....	365	49	202	39	146	424	.76	.74
23	Insulated wire and cable.....	136	14	59	12	42	110	.96	.27
24	Engine electrical equipment.....	169	46	200	37	147	339	.85	.87
25	Electric lamps (bulbs).....	66	22	79	19	63	218	.94	.99
26	Communication equipment.....	2,268	446	1,752	333	1,152	3,214	.93	.96
27	Electrical products, n. e. c.....	724	42	165	32	111	302	.95	.83
28	Transportation equipment.....	5,348	1,705	8,296	1,327	6,003	13,926		
29	Motor vehicles and equipment.....	2,195	695	3,408	583	2,710	6,407	.96	.98
30	Aircraft and parts.....	1,404	822	4,049	586	2,625	6,288	.96	.95
31	Ships and boats.....	1,509	126	562	111	469	776	.94	.98
32	Railroad equipment.....	86	52	244	40	173	404	.83	.90
33	Motorcycles and bicycles.....	46	7	28	6	22	42	.86	.92
34	Transportation equipment, n. e. c.....	108	2	6	1	4	10	.92	.44
35	Instruments and related products.....	3,142	273	1,200	196	759	2,129		
36	Scientific instruments.....	370	45	218	31	135	357	.77	.64
37	Mechanical measuring instruments.....	614	69	303	48	190	543	.87	.79
38	Optical instruments and lenses.....	205	13	58	9	38	86	.82	.77
39	Medical instruments and supplies.....	1,057	38	149	27	90	272	.88	.86
40	Ophthalmic goods.....	238	18	65	15	48	110	.83	.94
41	Photographic equipment.....	449	59	288	41	177	561	.90	.95
42	Watches and clocks.....	209	30	119	24	81	199	.82	.90
43	Miscellaneous manufactures <sup>4</sup> .....	17,010	696	2,658	556	1,862	4,473		
44	Jewelry and silverware.....	2,101	48	183	39	130	298	.93	.96
45	Musical instruments and parts.....	242	15	61	13	48	93	.96	.96
46	Toys and sporting goods.....	2,461	89	266	76	199	469	.93	.91
47	Office supplies.....	832	28	109	21	65	195	.91	.91
48	Costume jewelry and notions.....	2,364	67	200	57	146	316	.91	.94
49	Plastics products, n. e. c.....	2,439	92	350	76	249	589	.90	.84
50	Miscellaneous manufactures <sup>5</sup> .....	6,571	357	1,488	273	1,025	2,512		
51	Administrative and auxiliary <sup>6</sup> .....	4,187	474	2,983					

<sup>1</sup> Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work.<sup>2</sup> See footnote 2, table 1027. <sup>3</sup> See footnote 3, table 1027.<sup>4</sup> See Technical Note, p. 773, for explanation of standard error.<sup>5</sup> Withheld because estimate did not meet publication standards.<sup>6</sup> Not available.

## FOR INDUSTRY GROUPS: 1954 TO 1956—Continued

1955			1956							STANDARD ERROR <sup>1</sup>	
All employees		Value added by manu- facture <sup>1</sup>	All employees		Production workers			Value added by manu- facture <sup>1</sup>	Total em- ploy- ment	Value added by manu- facture <sup>1</sup>	Percent
Number	Payroll		Number	Payroll	Number	Man- hours	Wages				
1,000	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.	Percent	Percent	
1,094	4,863	8,404	1,162	5,127	881	1,774	3,669	8,934	1	1	1
65	256	563	55	278	48	99	230	609	1	1	2
150	681	1,246	150	682	121	244	495	1,218	1	1	3
111	402	882	110	499	84	163	343	910	1	1	4
299	1,366	2,196	317	1,535	241	487	1,031	2,595	4	3	5
199	855	1,390	198	882	164	331	657	1,416	1	1	6
65	214	365	55	220	44	88	159	382	8	5	7
67	287	493	66	296	55	110	218	514	2	2	8
152	711	1,270	151	735	123	252	535	1,290	1	1	9
1,605	7,816	13,138	1,718	8,902	1,309	2,718	6,159	14,968	1	1	10
82	415	708	85	466	63	132	321	781	1	1	11
153	697	1,195	154	713	118	226	501	1,251	1	1	12
123	614	1,088	143	737	106	220	490	1,336	2	2	13
202	1,432	2,231	288	1,742	229	512	1,275	2,792	2	1	14
108	800	1,282	183	953	136	284	613	1,473	1	1	15
228	1,122	1,953	241	1,253	169	350	791	2,186	1	1	16
107	502	1,823	116	602	89	190	418	903	1	1	17
208	955	1,758	212	1,002	160	315	680	1,792	1	1	18
274	1,277	2,100	295	1,445	239	490	1,069	2,456	1	1	19
1,001	4,314	7,740	1,081	4,915	817	1,621	3,268	8,697	1	1	20
351	1,603	2,837	392	1,902	292	587	1,252	3,432	1	1	21
51	216	484	58	246	47	84	175	538	3	4	22
16	67	141	20	100	16	38	73	193	1	1	23
54	245	418	49	227	40	79	165	388	1	1	24
22	83	262	24	96	21	41	77	275	1	1	25
407	1,929	3,280	497	2,166	371	730	1,405	3,560	1	1	26
41	171	318	41	177	31	61	120	312	5	5	27
1,812	9,403	16,625	1,792	9,702	1,357	2,797	6,740	16,175	1	1	28
832	4,390	9,422	739	3,857	608	1,241	3,029	8,030	1	1	29
705	4,153	5,960	860	4,882	586	1,231	2,945	6,710	1	1	30
123	555	764	128	626	112	220	515	823	2	2	31
53	265	422	56	299	44	90	221	548	1	1	32
8	32	46	8	32	6	12	25	47	1	2	33
2	6	12	2	7	1	3	5	11	4	8	34
283	1,295	2,280	297	1,458	211	426	897	2,543	1	1	35
46	237	323	52	292	36	75	177	398	2	3	36
74	336	594	77	372	53	110	228	649	2	2	37
12	56	87	11	58	8	17	36	92	3	3	38
38	156	305	40	170	28	57	102	341	1	2	39
( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1	40
61	309	638	64	346	43	86	204	700	1	1	41
29	124	206	28	126	22	43	84	206	1	2	42
682	2,641	4,455	675	2,755	535	1,055	1,860	4,570	1	1	43
46	176	292	47	182	38	76	128	327	6	8	44
17	68	109	18	79	16	32	62	126	4	4	45
96	293	526	104	328	80	166	247	688	3	3	46
31	117	211	31	128	23	47	76	229	4	1	47
70	219	343	67	221	57	109	161	353	3	4	48
99	390	683	107	426	88	175	303	723	3	2	49
323	1,378	2,291	301	1,392	225	450	882	2,219	3	3	50
474	2,983	-----	474	2,983	-----	-----	-----	-----	-----	-----	51

<sup>1</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."<sup>2</sup> 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 in 1954 from such units if at a different location or if they serviced more than one establishment.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Manufactures: 1954, Vol. II, and Annual Survey of Manufactures.

No. 1024.—MANUFACTURES—GENERAL  
[1955 and 1956 based on sample and subject to

	STATE	Estab- lish- ments, num- ber	1954						1955	
			All employees		Production workers			Value added by man- ufacture <sup>1</sup>	All employees	
			Num- ber	Pay- roll	Num- ber	Man- hours	Wages		Num- ber	Pay- roll
	U. S. ....	286,817	1,000 16,126	Mil. dol. 65,977	1,000 12,373	Mil- lions 24,341	Mil. dol. 44,595	Mil. dol. 116,913	1,000 16,819	Mil. dol. 72,126
1	New England.....	24,625	1,450	5,461	1,154	2,276	3,859	9,128	1,474	5,761
2	Maine.....	3,015	105	325	91	181	260	555	109	357
3	New Hampshire.....	1,609	77	247	66	123	191	409	80	267
4	Vermont.....	1,071	36	124	30	69	93	223	36	125
5	Massachusetts.....	11,205	687	2,582	536	1,047	1,769	4,366	700	2,718
6	Rhode Island.....	2,633	125	432	104	208	314	697	130	459
7	Connecticut.....	5,090	420	1,751	327	652	1,231	2,877	418	1,835
8	Middle Atlantic.....	82,380	4,291	17,873	3,212	6,217	11,525	30,402	4,375	18,888
9	New York.....	50,402	2,008	8,473	1,470	2,843	5,232	14,141	2,040	8,850
10	New Jersey.....	13,183	811	3,489	605	1,188	2,280	6,331	824	3,701
11	Pennsylvania.....	18,795	1,473	5,911	1,137	2,187	4,013	9,930	1,511	6,337
12	E. N. Central.....	58,946	4,605	20,926	3,490	6,964	14,265	36,501	4,886	23,525
13	Ohio.....	14,550	1,296	5,842	986	1,948	4,019	10,165	1,349	6,529
14	Indiana.....	6,355	588	2,532	458	902	1,797	4,625	631	2,893
15	Illinois.....	17,628	1,225	5,430	904	1,739	3,520	9,069	1,276	5,949
16	Michigan.....	12,711	1,057	5,252	809	1,655	3,661	8,707	1,165	6,087
17	Wisconsin.....	7,702	439	1,809	332	669	1,269	3,334	404	2,066
18	W. N. Central.....	19,020	964	3,863	713	1,426	2,573	7,114	978	4,080
19	Minnesota.....	5,027	209	865	151	305	560	1,595	212	920
20	Iowa.....	3,320	164	649	123	249	444	1,236	171	714
21	Missouri.....	6,198	332	1,500	285	553	977	2,727	386	1,581
22	North Dakota.....	367	6	19	4	8	13	35	6	20
23	South Dakota.....	546	12	41	8	18	28	78	11	44
24	Nebraska.....	1,423	60	228	43	90	151	394	63	246
25	Kansas.....	2,139	131	560	98	203	401	1,049	128	556
26	South Atlantic.....	30,530	1,779	5,703	1,466	2,848	4,072	10,658	1,874	6,319
27	Delaware.....	556	55	267	31	60	105	353	58	293
28	Maryland.....	3,253	255	1,002	196	384	675	1,889	266	1,107
29	Dist. of Columbia.....	484	22	97	12	22	45	157	22	108
30	Virginia.....	4,398	243	777	203	395	577	1,629	250	836
31	West Virginia.....	2,027	122	495	97	186	355	988	127	543
32	North Carolina.....	6,645	435	1,186	380	719	916	2,210	463	1,341
33	South Carolina.....	2,720	220	635	190	379	487	1,041	223	683
34	Georgia.....	5,655	303	855	260	503	643	1,592	329	974
35	Florida.....	4,792	124	389	97	198	271	798	135	439
36	E. S. Central.....	12,854	730	2,367	601	1,167	1,714	4,702	776	2,651
37	Kentucky.....	2,651	151	553	119	234	384	1,236	165	633
38	Tennessee.....	4,058	267	883	214	418	612	1,679	282	975
39	Alabama.....	3,893	220	690	188	358	529	1,319	231	775
40	Mississippi.....	2,252	91	241	80	157	189	468	98	268
41	W. S. Central.....	16,469	734	2,794	556	1,129	1,868	5,721	768	3,020
42	Arkansas.....	2,428	79	222	67	134	171	457	87	248
43	Louisiana.....	3,020	146	539	114	232	376	1,182	146	551
44	Oklahoma.....	2,131	89	364	61	123	212	581	95	399
45	Texas.....	8,890	419	1,669	314	640	1,109	3,502	440	1,823
46	Mountain.....	6,685	191	767	144	287	532	1,505	210	883
47	Montana.....	868	19	72	15	28	54	141	20	84
48	Idaho.....	981	24	91	20	39	72	182	26	103
49	Wyoming.....	328	6	27	5	9	19	51	6	28
50	Colorado.....	2,069	65	257	48	96	173	472	71	296
51	New Mexico.....	593	15	63	9	19	33	126	16	69
52	Arizona.....	817	26	111	20	42	81	192	32	140
53	Utah.....	852	30	121	23	45	82	276	32	137
54	Nevada.....	177	6	25	4	9	18	63	6	26
55	Pacific.....	35,308	1,382	6,224	1,035	2,027	4,186	11,184	1,479	6,999
56	Washington.....	4,929	194	855	149	281	595	1,549	206	960
57	Oregon.....	5,870	135	567	114	215	448	1,037	144	638
58	California.....	24,509	1,053	4,802	772	1,532	3,144	8,597	1,129	5,401

<sup>1</sup> Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work.

<sup>2</sup> See Technical Note, p. 773, for explanation of standard error.



## STATISTICS, BY STATES: 1954 TO 1956

sampling variation; see text, pp. 771 and 773]

1955—Continued			1956						STANDARD ERROR <sup>2</sup>	
Production workers		Value added by manufacture <sup>1</sup>	All employees		Production workers			Value added by manufacture <sup>1</sup>	Total employment	Value added by manufacture
Number	Wages		Number	Payroll	Number	Man-hours	Wages			
1,000	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.	Percent	Percent
12,957	49,230	131,598	17,178	77,059	13,135	26,101	52,061	139,683	1	1
1,173	4,084	9,680	1,508	6,223	1,195	2,394	4,391	10,473	1	2
90	292	597	111	380	98	197	317	658	3	3
68	206	461	81	283	08	135	215	495	1	2
30	93	232	38	144	32	64	108	248	2	5
546	1,861	4,586	714	2,904	556	1,094	1,985	4,884	1	6
109	334	743	129	474	107	214	346	803	2	7
324	1,297	3,062	435	2,030	335	601	1,421	3,385	1	8
3,275	12,257	32,694	4,494	20,295	3,359	6,564	13,144	34,972	1	9
1,401	5,464	14,732	2,078	9,403	1,517	2,961	5,779	15,562	1	10
616	2,429	6,872	849	3,988	631	1,249	2,592	7,392	1	11
1,107	4,363	11,090	1,567	6,904	1,211	2,353	4,772	12,018	1	12
3,745	16,376	42,211	4,894	24,477	3,692	7,482	16,713	43,579	1	13
1,030	4,596	11,730	1,380	6,983	1,048	2,123	4,854	12,372	1	14
409	2,089	5,377	619	2,965	481	957	2,088	5,498	1	15
947	3,905	10,760	1,325	6,444	978	1,970	4,212	11,694	1	16
900	4,365	10,691	1,087	5,831	819	1,686	4,019	10,067	1	17
364	1,420	3,653	482	2,254	366	746	1,540	3,949	1	18
725	2,715	7,872	1,001	4,343	742	1,477	2,877	8,263	1	19
164	594	1,762	225	1,004	163	329	647	1,912	2	20
129	489	1,387	172	762	131	262	515	1,482	1	21
288	1,033	3,021	394	1,680	293	574	1,095	3,135	1	22
4	13	40	6	22	4	9	14	49	2	23
8	30	85	12	47	9	10	33	91	4	24
46	164	445	65	261	47	96	173	504	2	25
95	391	1,132	128	568	94	189	399	1,090	1	26
1,553	4,555	12,451	1,923	6,812	1,579	3,095	4,870	13,236	1	27
34	123	419	58	297	33	65	123	376	2	28
204	742	2,059	277	1,218	207	411	803	2,223	1	29
12	49	170	22	107	12	23	50	180	1	30
208	619	1,827	255	889	212	416	654	1,897	1	31
102	309	1,110	132	588	106	205	432	1,207	1	32
404	1,038	2,564	473	1,448	410	801	1,110	2,742	1	33
169	541	1,329	225	711	199	396	562	1,386	1	34
284	738	1,937	337	1,054	289	555	789	2,093	1	35
107	307	1,036	144	500	112	223	346	1,130	2	36
640	1,949	5,522	791	2,845	649	1,271	2,079	5,782	1	37
132	456	1,537	168	679	136	260	478	1,636	1	38
226	685	1,931	288	1,046	228	452	730	1,986	1	39
197	600	1,504	233	829	197	388	696	1,589	2	40
84	209	551	102	291	87	171	225	571	2	41
580	2,022	6,783	796	3,346	601	1,215	2,241	7,439	1	42
73	186	585	92	272	76	146	203	619	4	43
114	386	1,399	144	587	112	227	410	1,494	1	44
65	240	644	98	427	67	136	258	727	1	45
328	1,210	4,156	462	2,060	346	706	1,370	4,600	1	46
161	622	1,864	220	984	169	339	695	2,095	1	47
17	65	208	21	95	17	34	74	243	4	48
22	83	198	27	115	24	47	93	205	3	49
5	20	51	7	30	5	10	21	61	2	50
53	202	587	74	327	55	112	221	643	2	51
10	36	119	17	78	11	21	41	133	5	52
25	103	234	35	163	28	58	121	278	5	53
24	94	386	33	152	26	51	106	430	2	54
4	19	83	5	24	4	8	17	102	2	55
1,106	4,651	12,520	1,551	7,734	1,148	2,265	5,051	13,843	1	56
159	672	1,762	213	1,051	162	312	720	1,942	1	57
122	494	1,150	143	663	122	227	509	1,145	2	58
825	3,485	9,608	1,195	6,020	864	1,725	3,822	10,755	1	59

Source: Department of Commerce, Bureau of the Census; U. S. Census of Manufactures: 1954, Vol. III, and Annual Survey of Manufactures.

# No. 1025.—MANUFACTURES—GENERAL STATISTICS FOR STANDARD METROPOLITAN AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1954 AND 1956

[1956 based on sample and subject to sampling variation; see text, pp. 771 and 773. For definition of standard metropolitan area, see table 11, p. 15]

STANDARD METROPOLITAN AREA	1954			1956							
	All employees		Value added by manu- facture <sup>1</sup>	All employees		Production workers		Value added by manu- facture <sup>1</sup>	Capital expend- itures, new	Standard error <sup>2</sup>	
	Num- ber	Pay- roll		Num- ber	Pay- roll	Num- ber	Wages			A	E
	1,000	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Mil. dol. 302	Mil. dol. 726	Mil. dol. 56	Per- cent 1	Per- cent 1
Akron (Ohio) area.....	91	421	619	92	490	63					
Albany-Schenectady-Troy (N. Y.) area.....	86	408	585	84	425	50	225	603	43	1	1
Allentown-Bethlehem- Easton (Pa.) area.....	94	353	593	103	429	82	303	741	57	1	1
Atlanta (Ga.) area.....	80	295	552	90	374	60	240	727	50	1	1
Baltimore (Md.) area.....	191	792	1,547	208	974	151	628	1,814	237	1	1
Binghamton (N. Y.) area.....	42	165	269	43	191	30	122	286	20	1	1
Birmingham (Ala.) area.....	61	254	482	62	293	47	204	561	31	1	1
Boston (Mass.) area.....	287	1,143	1,972	296	1,267	218	810	2,140	87	1	1
Bridgeport (Conn.) area.....	68	294	510	73	352	54	241	611	29	2	1
Buffalo (N. Y.) area.....	203	947	1,678	211	1,082	161	761	1,916	143	1	1
Canton (Ohio) area.....	57	249	449	61	311	51	236	621	33	2	1
Chattanooga (Tenn.) area.....	43	145	277	47	175	38	129	334	17	2	2
Chicago (Ill.) area.....	983	4,514	7,893	1,050	5,312	766	3,438	9,455	760	1	1
Cincinnati (Ohio) area.....	155	692	1,319	165	813	117	501	1,547	85	1	1
Cleveland (Ohio) area.....	302	1,446	2,401	318	1,705	233	1,153	2,914	245	1	1
Columbus (Ohio) area.....	74	320	581	79	381	55	237	552	32	1	2
Dallas (Tex.) area.....	76	311	508	80	364	55	210	571	33	3	4
Dayton (Ohio) area.....	98	471	747	102	545	81	408	862	65	1	1
Denver (Colo.) area.....	43	177	314	48	210	34	138	433	38	2	2
Detroit (Mich.) area.....	590	3,117	4,713	583	3,361	417	2,223	5,531	487	1	1
Erie (Pa.) area.....	41	173	286	43	209	33	147	331	17	2	2
Flint (Mich.) area.....	75	388	714	78	412	65	329	746	165	1	1
Fort Worth (Tex.) area.....	49	213	368	57	271	44	200	424	19	1	4
Grand Rapids (Mich.) area.....	52	245	454	54	264	43	194	469	30	2	1
Hartford (Conn.) area.....	77	344	530	79	395	58	262	634	36	1	1
Houston (Tex.) area.....	79	372	869	85	454	62	288	1,148	119	2	2
Indianapolis (Ind.) area.....	103	469	845	113	570	82	363	1,012	78	1	1
Kansas City (Mo.) area.....	118	516	1,040	110	501	76	311	1,019	67	1	1
Lancaster (Pa.) area.....	44	158	289	45	178	36	124	333	24	2	1
Los Angeles-Long Beach (Calif.) area.....	647	2,983	5,042	737	3,659	528	2,343	6,577	376	1	1
Louisville (Ky.) area.....	89	376	845	101	460	78	320	1,093	74	1	1
Memphis (Tenn.) area.....	43	157	336	47	191	36	126	409	22	4	2
Milwaukee (Wis.) area.....	180	837	1,440	199	1,040	142	671	1,745	91	1	1
Minneapolis-St. Paul (Minn.) area.....	139	610	1,081	148	698	102	422	1,253	52	2	2
New Britain-Bristol (Conn.) area.....	44	179	273	48	214	38	162	323	22	3	3
New Haven (Conn.) area.....	47	183	299	45	205	35	138	337	16	2	3
New Orleans (La.) area.....	54	196	375	51	209	39	139	454	50	1	1
New York-Northeastern New Jersey area.....	1,833	7,780	13,116	1,904	8,590	1,386	5,182	14,589	578	1	1
Peoria (Ill.) area.....	41	186	362	48	236	35	162	507	28	1	1
Philadelphia (Pa.) area.....	564	2,403	4,024	570	2,629	424	1,710	4,667	320	1	1
Pittsburgh (Pa.) area.....	332	1,558	2,481	364	1,866	258	1,236	3,118	253	1	1
Portland (Oreg.) area.....	57	244	475	62	307	48	204	568	38	3	4
Providence (R. I.) area.....	132	460	744	135	504	111	362	849	40	1	2
Reading (Pa.) area.....	49	169	294	54	206	45	152	346	25	1	4
Rochester (N. Y.) area.....	115	532	920	116	600	82	375	1,092	69	1	1
St. Louis (Mo.) area.....	264	1,131	2,053	271	1,273	196	824	2,444	146	1	1
San Diego (Calif.) area.....	48	225	390	55	301	41	186	449	14	4	6
San Francisco-Oakland (Calif.) area.....	186	881	1,674	197	1,004	135	618	1,916	164	2	1
Seattle (Wash.) area.....	79	357	521	85	425	60	262	685	37	1	1
South Bend (Ind.) area.....	44	202	320	42	215	31	143	345	23	1	1
Springfield-Holyoke (Mass.) area.....	74	304	502	77	335	60	241	572	32	1	1
Syracuse (N. Y.) area.....	60	257	479	65	312	43	187	561	32	1	1
Toledo (Ohio) area.....	65	319	535	66	360	47	230	639	66	1	1
Trenton (N. J.) area.....	40	166	303	40	190	30	128	364	15	2	3
Utica-Rome (N. Y.) area.....	43	169	328	45	199	35	138	394	18	2	2
Waterbury (Conn.) area.....	43	184	308	43	202	34	142	318	12	1	1
Wheeling (W. Va.)-Steubenville (Ohio) area.....	51	215	404	54	263	46	210	468	78	1	1
Wichita (Kans.) area.....	53	238	333	51	251	37	172	337	15	1	1
Wilmington (Del.) area.....	53	288	387	55	320	30	131	408	150	1	1
Worcester (Mass.) area.....	51	204	348	55	250	42	171	426	16	3	2
York (Pa.) area.....	45	162	283	46	179	36	123	339	28	1	3
Youngstown (Ohio) area.....	106	484	874	120	627	100	495	1,146	70	1	1

<sup>1</sup> Represents value of shipments less cost of materials, supplies, fuel, electric energy, and contract work.

<sup>2</sup> See Technical Note, p. 773, for explanation of standard error.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.

**No. 1026.—PERCENT OF TOTAL EMPLOYMENT BY LARGE MANUFACTURING COMPANIES IN SELECTED INDUSTRIES: 1951 AND 1954**

[First 30 industries as determined by 1954 employment. See headnote, table 1027. 1951 figures based on sample survey and not shown when estimate did not meet publication standards]

Industry code	INDUSTRY AND YEAR	Number of companies	Employment <sup>1</sup> (1,000)	PERCENT OF TOTAL EMPLOYMENT ACCOUNTED FOR BY—			Primary product specialization ratio <sup>2</sup>	Coverage ratio <sup>3</sup>
				4 largest companies	8 largest companies	20 largest companies		
3717	Motor vehicles and parts.....1951..	(4)	721	58	66	(4)	(4)	(4)
	.....1954..	991	649	69	75	84	(4)	(4)
3312	Steel works and rolling mills.....1951..	(4)	540	54	68	(4)	(4)	(4)
	.....1954..	102	482	53	69	85	(4)	(4)
3721	Aircraft.....1951..	(4)	312	52	73	(4)	(4)	(4)
	.....1954..	46	458	50	74	96	0.89	0.99
2421	Sawmills and planing mills.....1951..	(4)	424	4	(4)	(4)	(4)	(4)
	.....1954..	16,594	321	5	7	12	0.97	.81
2233	Cotton broad-woven fabrics.....1951..	(4)	340	15	24	(4)	(4)	(4)
	.....1954..	413	296	18	28	47	.94	.84
3661	Radios and related products.....1951..	(4)	217	20	30	(4)	(4)	(4)
	.....1954..	1,612	294	20	29	48	(4)	(4)
2711	Newspapers.....1951..	(4)	274	15	20	(4)	(4)	(4)
	.....1954..	8,445	282	14	19	27	.95	1.00
2051	Bread and related products.....1951..	(4)	258	16	24	(4)	(4)	(4)
	.....1954..	5,470	246	18	28	37	.98	.99
2011	Meat packing plants.....1951..	(4)	214	40	57	(4)	(4)	(4)
	.....1954..	2,228	220	44	56	65	.98	.87
3141	Footwear, except rubber.....1951..	(4)	215	23	29	(4)	(4)	(4)
	.....1954..	970	219	26	32	40	.99	.99
2751	Commercial printing.....1951..	(4)	203	10	15	(4)	(4)	(4)
	.....1954..	11,970	200	10	14	21	.85	.86
3729	Aircraft equipment, n. e. c.....1951..	(4)	59	20	34	(4)	(4)	(4)
	.....1954..	1,054	181	21	31	50	.86	.66
2027	Fluid milk and other products <sup>4</sup> .....1951..	(4)	177	21	25	31	.82	.94
3722	Aircraft engines.....1951..	(4)	107	55	81	(4)	(4)	(4)
	.....1954..	202	167	51	75	88	.93	.91
2911	Petroleum refining <sup>5</sup> .....1951..	(4)	253	39	61	84	.99	.98
2333	Dresses, unit price <sup>6</sup> .....1951..	(4)	143	2	3	6	.96	.95
2612	Paper and paperboard mills.....1951..	(4)	153	14	22	(4)	(4)	(4)
	.....1954..	391	142	18	27	42	.99	1.00
3321	Gray-iron foundries <sup>7</sup> .....1951..	(4)	165	16	21	(4)	(4)	(4)
	.....1954..	1,321	134	19	25	35	.94	.87
2671	Paperboard boxes.....1951..	(4)	123	12	20	(4)	(4)	(4)
	.....1954..	1,433	133	13	20	33	.96	.98
3009	Rubber industries, n. e. c.....1951..	(4)	134	31	40	(4)	(4)	(4)
	.....1954..	1,152	133	25	34	48	.88	.78
3585	Refrigeration machinery.....1951..	(4)	117	38	55	(4)	(4)	(4)
	.....1954..	561	128	33	47	65	(4)	(4)
3463	Metal stampings <sup>8</sup> .....1951..	(4)	2,215	128	18	28	.82	.83
2511	Wood furniture, not upholstered.....1951..	(4)	136	7	11	(4)	(4)	(4)
	.....1954..	2,731	125	7	12	20	.94	.93
2033	Canned fruits and vegetables.....1951..	(4)	141	19	28	(4)	(4)	(4)
	.....1954..	1,461	120	20	29	39	.90	.94
2311	Men's and boys' suits and coats.....1951..	(4)	136	10	17	(4)	(4)	(4)
	.....1954..	1,255	119	11	18	31	.91	.96
3441	Structural and ornamental work.....1951..	(4)	94	19	24	(4)	(4)	(4)
	.....1954..	2,829	116	16	20	27	.89	.88
3614	Motors and generators.....1951..	(4)	117	55	64	(4)	(4)	(4)
	.....1954..	266	112	47	56	73	.82	.84
3731	Ship building and repairing.....1951..	(4)	168	44	56	(4)	(4)	(4)
	.....1954..	328	109	42	57	72	.92	.99
2321	Men's dress shirts and nightwear.....1951..	(4)	97	14	22	(4)	(4)	(4)
	.....1954..	838	108	14	22	34	.90	.85
3599	Machine shops.....1951..	(4)	75	10	15	(4)	(4)	(4)
	.....1954..	6,795	104	8	12	20	.88	.86

<sup>1</sup> Represents average total number of employees of all establishments classified in an industry.

<sup>2</sup> See footnote 2, table 1027. <sup>3</sup> See footnote 3, table 1027. <sup>4</sup> Not available.

<sup>5</sup> Not shown because total value of primary products shipped includes large amount of duplication.

<sup>6</sup> 1951 figures not available. <sup>7</sup> See footnote 16, table 1027.

<sup>8</sup> Not meaningful because of large proportion of receipts for repair work to total value of shipments.

Source: Department of Commerce, Bureau of the Census; *The Proportion of the Shipments (or Employees) of Each Industry or the Shipments of Each Group of Products Accounted for by the Largest Companies as Reported in the 1954 Census of Manufactures.*

# No. 1027.—PERCENT OF TOTAL SHIPMENTS MADE BY LARGE MANUFACTURING COMPANIES IN SELECTED INDUSTRIES: 1947 AND 1954

[First 45 industries as determined by value of shipments in 1954. A "company" comprises all manufacturing establishments owned by the company plus those of subsidiaries or affiliates over which the company has acknowledged control. Percents were computed by adding together all establishments classified in the specified industry under common ownership; selecting the largest 4, largest 8, and largest 20 companies in each industry on basis of value of shipments of all products made by these establishments; and using these values of shipments of the companies as numerator, and total value of shipments of the industry as denominator. Top 4, 8, and 20 companies not necessarily identical for each year. Value of shipments includes transfers of products between manufacturing establishments of same company (interplant transfers). "N. e. c." means not elsewhere classified. Industries and code numbers listed are as defined in Bureau of the Budget, *Standard Industrial Classification Manual*, as amended]

Industry code	INDUSTRY AND CENSUS YEAR	Number of companies	Value of shipments <sup>1</sup> (\$1,000)	PERCENT OF TOTAL VALUE OF SHIPMENTS ACCOUNTED FOR BY—			Primary product specialization ratio <sup>2</sup>	Coverage ratio <sup>3</sup>
				4 largest companies	8 largest companies	20 largest companies		
3717	Motor vehicles and parts.....1947.....	779	4 3,544,924	4 56	4 64	4 78	(9)	(9)
	.....1954.....	991	4 6,111,470	4 75	4 80	4 87	(9)	(9)
2911	Petroleum refining.....1947.....	277	6,623,708	37	59	83	0.99	0.97
	.....1954.....	253	11,757,218	33	56	84	.99	.98
3312	Steel works and rolling mills.....1947.....	111	4 2,275,697	4 48	4 63	4 81	(9)	(9)
	.....1954.....	102	4 4,020,264	4 54	4 70	4 85	(9)	(9)
2011	Meat packing plants.....1947.....	1,990	4 977,144	4 41	4 54	4 63	6.96	6.99
	.....1954.....	2,228	4 1,394,486	4 39	4 51	4 60	.98	.87
3721	Aircraft.....1947.....	47	4 605,983	4 53	4 75	4 97	(7)	(7)
	.....1954.....	46	4 3,348,876	4 47	4 76	4 96	.89	.99
3661	Radios and related products.....1947.....	799	4 773,233	4 26	4 35	4 54	(9)	(9)
	.....1954.....	1,612	4 2,130,207	4 24	4 35	4 53	(9)	(9)
2027	Fluid milk and other products <sup>8</sup> .....1954.....	4,572	4 2,233,983	23	29	36	.82	.94
2612	Paper and paperboard mills.....1947.....	(9)	2,589,114	(9)	(9)	(9)	(9)	(9)
	.....1954.....	391	3,792,810	19	31	48	.99	1.00
2099	Food preparations, n. e. c. <sup>10</sup> .....1947.....	(11)	1,592,321	(11)	(11)	(11)	(11)	(11)
	.....1954.....	2,357	3,255,967	33	42	55	.94	.86
2421	Sawmills and planing mills.....1947.....	19,223	2,519,453	5	7	11	(7)	(7)
	.....1954.....	16,594	3,247,200	7	11	18	.97	.81
3722	Aircraft engines.....1947.....	54	464,623	72	88	98	.90	.95
	.....1954.....	202	3,188,950	62	81	93	.93	.91
2711	Newspapers.....1947.....	8,115	1,891,252	21	26	36	.94	1.00
	.....1954.....	8,445	3,091,027	18	24	34	.95	1.00
2051	Bread and related products <sup>12</sup> .....1947.....	5,985	2,403,589	16	26	36	.98	.99
	.....1954.....	5,470	3,067,017	20	31	40	.98	.99
2233	Cotton broad-woven fabrics.....1947.....	(11)	2,912,651	(11)	(11)	(11)	(7)	(7)
	.....1954.....	413	2,789,621	18	29	49	.94	.84
3311	Blast furnaces.....1947.....	33	1,713,945	67	82	96	1.00	1.00
	.....1954.....	34	2,753,998	65	82	96	.98	1.00
2042	Prepared animal feeds.....1947.....	2,372	2,112,241	19	27	40	.95	.89
	.....1954.....	2,037	2,702,267	21	29	43	.95	.90
3729	Aircraft equipment, n. e. c.....1947.....	201	105,327	37	58	75	.82	.38
	.....1954.....	1,054	2,342,536	20	32	52	.86	.66
3585	Refrigeration machinery.....1947.....	542	4 587,928	4 39	4 55	4 72	(9)	(9)
	.....1954.....	561	4 1,006,193	4 36	4 51	4 69	(9)	(9)
2033	Canned fruits and vegetables.....1947.....	1,856	1,640,754	27	35	46	.91	.94
	.....1954.....	1,401	2,228,947	28	39	52	.90	.94
2751	Commercial printing.....1947.....	11,810	1,513,136	9	13	20	.86	.80
	.....1954.....	11,970	2,202,074	10	16	24	.85	.86
2829	Organic chemicals, n. e. c.....1947.....	(13)	973,044	(13)	(13)	(13)	(13)	(13)
	.....1954.....	202	2,198,687	59	73	87	.77	.80
2671	Paperboard boxes.....1947.....	1,323	1,474,743	18	27	41	.97	.82
	.....1954.....	1,433	2,179,580	16	26	41	.96	.98
2819	Inorganic chemicals, n. e. c. <sup>14</sup> .....1947.....	(15)	562,426	(15)	(15)	(15)	(15)	(15)
	.....1954.....	294	1,859,372	36	51	74	.87	.78
2041	Flour and meal.....1947.....	1,084	2,526,646	29	41	57	.92	.82
	.....1954.....	692	1,868,888	40	52	68	.94	.84
2082	Beer and ale.....1947.....	404	1,316,085	21	30	44	1.00	.99
	.....1954.....	263	1,857,053	27	41	60	1.00	1.00
3011	Tires and inner tubes.....1947.....	35	1,547,040	77	90	99	.90	.95
	.....1954.....	27	1,841,732	79	91	99+	.88	.99
3441	Structural and ornamental work.....1947.....	1,600	855,101	23	27	37	.86	.88
	.....1954.....	2,829	1,809,971	18	23	31	.89	.88
3141	Footwear, except rubber.....1947.....	1,077	1,726,609	28	35	45	.99	1.00
	.....1954.....	970	1,790,717	30	36	45	.99	.99
3463	Metal stampings.....1947.....	1,954	1,177,396	17	25	37	.86	.81
	.....1954.....	2,215	1,727,544	14	21	33	.82	.83
3099	Rubber industries, n. e. c.....1947.....	733	945,257	30	38	53	.85	.81
	.....1954.....	1,152	1,677,072	28	37	50	.88	.78

See footnotes at end of table.

No. 1027.—PERCENT OF TOTAL SHIPMENTS MADE BY LARGE MANUFACTURING COMPANIES IN SELECTED INDUSTRIES: 1947 AND 1954—Continued

Industry code	INDUSTRY AND CENSUS YEAR	Number of companies	Value of shipments <sup>1</sup> (\$1,000)	PERCENT OF TOTAL VALUE OF SHIPMENTS ACCOUNTED FOR BY—			Primary product specialization ratio <sup>2</sup>	Coverage ratio <sup>3</sup>
				4 largest companies	8 largest companies	20 largest companies		
2834	Pharmaceutical preparations.....1947..	1, 123	941, 290	28	44	64	0.91	0.98
	.....1954..	1, 128	1, 643, 140	25	44	68	.91	.94
2111	Cigarettes.....1947..	19	1, 131, 891	90	99+	100	.96	1.00
	.....1954..	12	1, 640, 950	82	99+	100	.99	1.00
2611	Pulp mills.....1947..	132	939, 604	28	39	59	.99	1.00
	.....1954..	141	1, 577, 291	29	42	61	.99	1.00
2851	Paints and varnishes.....1947..	1, 154	1, 248, 841	27	36	48	.94	.96
	.....1954..	1, 337	1, 494, 399	27	37	50	.95	.97
2333	Dresses, unit price.....1947..	4, 165	1, 359, 030	3	5	9	.95	.97
	.....1954..	4, 072	1, 455, 080	4	7	12	.96	.95
2721	Periodicals.....1947..	2, 106	1, 059, 566	34	43	58	.94	.98
	.....1954..	2, 012	1, 440, 961	29	40	54	.95	.97
2609	Paper and board products, n. e. c.							
	.....1947..	676	783, 917	15	25	43	.86	.86
	.....1954..	770	1, 427, 622	25	39	58	.90	.89
3321	Gray-iron foundries <sup>16</sup> .....1947..	1, 554	1, 173, 039	16	24	35	.92	.87
	.....1954..	1, 321	1, 418, 947	26	34	46	.94	.87
2013	Prepared meats <sup>17</sup> .....1947..	(1) <sup>1</sup>	234, 758	(1) <sup>1</sup>	(1) <sup>1</sup>	(1) <sup>1</sup>	(1) <sup>1</sup>	(1) <sup>1</sup>
	.....1954..	1, 254	330, 312	416	424	435	.83	.92
3614	Motors and generators.....1947..	224	995, 640	59	66	80	.81	.88
	.....1954..	266	1, 389, 078	50	59	75	.82	.84
3411	Tin cans and other tinware.....1947..	102	678, 924	78	86	94	.97	.90
	.....1954..	109	1, 366, 766	80	88	96	.98	.99
3351	Copper rolling and drawing.....1947..	56	1, 064, 033	69	77	92	.92	.99
	.....1954..	64	1, 320, 608	53	71	90	.95	.90
3392	Wire drawing.....1947..	103	912, 891	45	62	82	.96	.37
	.....1954..	150	1, 266, 436	36	54	74	.95	.39
2337	Women's suits, coats, and skirts <sup>18</sup> .....1954..	3, 178	1, 261, 320	3	6	11	.94	.93
	.....1947..	330	478, 903	32	40	58	.88	.88
	.....1954..	1, 189	1, 257, 892	17	23	33	.96	.97

<sup>1</sup> Comprises for all manufacturing establishments classified in an industry (a) value of products "primary" to the industry, (b) value of "secondary" products, which are primary to other industries, and (c) "miscellaneous receipts" such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc. Excludes sales of products bought and resold in same condition. 1947 figures for some industries reflect minor revisions.

<sup>2</sup> Measures extent to which establishments classified in an industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments in the industry is expressed as a ratio of total shipments of all products made by these establishments (excluding "miscellaneous receipts," such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.). 1947 ratios for some industries reflect minor revisions.

<sup>3</sup> Measures extent to which all shipments of primary products of an industry are made by plants classified in the industry, as distinguished from secondary producers elsewhere. That is, value of shipments of primary products made by plants classified in the industry is expressed as a ratio of total shipments of primary products made by all producers, both in and out of the specified industry. 1947 ratios for some industries reflect minor revisions.

<sup>4</sup> Value added by manufacture used as basis for making calculations because of large amount of duplication resulting from use of products of some establishments in the industry as materials by other establishments in the same industry.

<sup>5</sup> Not shown because total value of primary products shipped includes large amount of duplication.

<sup>6</sup> Based on combined figures for Industry 2011, Meat Packing Plants, and Industry 2013, Prepared Meats.

<sup>7</sup> Not available. <sup>8</sup> Excluded from 1947 Census.

<sup>9</sup> Comparable data not available. In 1947, Industry 2613, Building Paper and Board Mills, combined with Industry 2612, Paper and Board Mills.

<sup>10</sup> Includes Vinegar and Cider Mills, and Liquid, Frozen, and Dried Eggs processors, for which figures were published separately in 1947.

<sup>11</sup> Comparable data not available due to significant revisions in 1947 classification of plants or products.

<sup>12</sup> For 1947, includes multi-unit bakeries producing baked goods at each location for sale through a retail outlet at the same location; excluded for 1954.

<sup>13</sup> Comparable data not available. In 1947, Industry 2829, Organic Chemicals, n. e. c., included Industry 2822, Intermediate Coal-Tar Products.

<sup>14</sup> Includes Government-owned privately operated plants.

<sup>15</sup> In 1947, Industry 2811, Sulfuric Acid, combined with Industry 2819, Inorganic Chemicals, n. e. c.; separate figures tabulated for 1954. Specialization ratio and coverage ratio for combined industries for 1947 were 87 and 89, respectively.

<sup>16</sup> Industry 3321, Gray-Iron Foundries, includes in addition to commercial (jobbing) foundries, "captive" foundries at separate locations producing gray-iron castings for other plants of the same company. Accordingly, the ratios do not reflect market shares in the commercial foundry industry.

<sup>17</sup> Includes data for Industry 2014, Sausage Casings.

<sup>18</sup> Includes data for Industry 2335, Women's Suits and Coats, and Industry 2336, Women's Skirts; shown separately in 1947 and therefore comparable data not available.

Source: Department of Commerce, Bureau of the Census; *The Proportion of the Shipments (or Employees) of Each Industry or the Shipments of Each Group of Products Accounted for by the Largest Companies as Reported in the 1954 Census of Manufactures*.

# No. 1028.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT, FOR MAJOR INDUSTRY GROUPS: 1955

[Employee figures in thousands; value added figures in millions of dollars. Operating manufacturing establishments only. Based on sample and subject to sampling variation; see text, pp. 771 and 773. Value added represents value of shipments less cost of materials, supplies, fuel, electric energy, and contract work]

MAJOR INDUSTRY GROUP AND ITEM	Total, all establishments	ESTABLISHMENTS WITH AVERAGE OF—					Standard error <sup>1</sup> (percent)				
		1 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees or more	A	B	C	D	E
		B	C	D	E	F					
<b>All industries:</b>											
Establishments.....	283, 047	255, 684	16, 032	6, 363	2, 862	2, 106	1	1	2	1	1
Employees.....	16, 344	4, 181	2, 483	2, 205	1, 977	5, 499					
Value added by manufacture.....	131, 598	26, 894	18, 324	17, 478	16, 856	52, 046					
<b>Food and kindred products:</b>											
Establishments.....	42, 205	38, 627	2, 501	717	245	115	1	1	2		
Employees.....	1, 675	651	380	245	169	230	1	2	2		
Value added by manufacture.....	14, 366	4, 828	3, 338	2, 315	1, 695	2, 190					
<b>Tobacco manufactures:</b>											
Establishments.....	560	( <sup>2</sup> )	84	46	25	20	12		12	1	
Employees.....	96	( <sup>2</sup> )	14	16	16	( <sup>3</sup> )	2		10	7	
Value added by manufacture.....	1, 079	( <sup>2</sup> )	64	105	89	( <sup>3</sup> )					
<b>Textile mill products:</b>											
Establishments.....	7, 905	5, 618	( <sup>2</sup> )	641	330	151	2	3			
Employees.....	1, 059	156	187	226	227	262	1	6	4		
Value added by manufacture.....	5, 291	805	951	1, 125	1, 151	1, 260					
<b>Apparel and related products:</b>											
Establishments.....	31, 181	28, 384	2, 035	582	150	30	1	1	6	7	1
Employees.....	1, 248	598	307	196	98	( <sup>3</sup> )	1	4	6	6	5
Value added by manufacture.....	5, 473	2, 862	1, 192	766	409	( <sup>3</sup> )					
<b>Lumber and wood products:</b>											
Establishments.....	39, 163	37, 992	868	223	66	14	3	3	4		
Employees.....	693	426	130	75	44	( <sup>3</sup> )	1	2	3		
Value added by manufacture.....	3, 650	1, 975	752	495	285	( <sup>3</sup> )					
<b>Furniture and fixtures:</b>											
Establishments.....	10, 156	9, 385	517	172	61	21	2	2	1		
Employees.....	366	155	79	59	39	( <sup>3</sup> )	1	3	3		
Value added by manufacture.....	2, 237	876	468	383	271	( <sup>3</sup> )					
<b>Pulp, paper, and products:</b>											
Establishments.....	4, 919	3, 539	830	342	146	62	2	2	4		
Employees.....	549	100	130	118	96	105	1	6	3		
Value added by manufacture.....	5, 082	680	1, 136	1, 104	1, 051	1, 112					
<b>Printing and publishing:</b>											
Establishments.....	32, 710	31, 360	885	287	102	96	2	2	12	13	1
Employees.....	823	348	140	93	73	170	1	6	11	12	2
Value added by manufacture.....	6, 781	2, 412	1, 256	815	668	1, 630					
<b>Chemicals and products:</b>											
Establishments.....	10, 894	9, 766	624	252	129	123	2	2	1		
Employees.....	747	173	97	88	91	298	1	2	2		
Value added by manufacture.....	10, 941	1, 812	1, 368	1, 571	1, 718	4, 472					
<b>Petroleum and coal products:</b>											
Establishments.....	1, 293	1, 010	151	65	30	37	2	3	12		
Employees.....	183	20	22	24	21	96	1	12	10		
Value added by manufacture.....	2, 714	267	330	391	331	1, 395					

See footnotes at end of table.

No. 1028.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT,  
FOR MAJOR INDUSTRY GROUPS: 1955—Continued

[Employee figures in thousands; value added figures in millions of dollars]

MAJOR INDUSTRY GROUP AND ITEM	Total all estab- lish- ments	ESTABLISHMENTS WITH AVERAGE OF—					Standard error <sup>1</sup> (percent)					
		1 to 99 em- ployees	100 to 249 em- ployees	250 to 499 em- ployees	500 to 999 em- ployees	1,000 em- ployees or more						
		A	B	C	D	E	F	A	B	C	D	E
All industries—Continued												
Rubber products:												
Establishments.....	1,390	1,087	123	69	52	59	4	4	1			
Employees.....	265	25	20	24	38	158	} 1	4	2			
Value added by manufacture.....	2,259	199	158	186	293	1,422						
Leather and leather goods:												
Establishments.....	4,712	3,715	542	356	89	10	4	5	1			
Employees.....	366	82	86	124	58	(3)	} 1	4	2			
Value added by manufacture.....	1,765	376	398	611	290	(5)						
Stone, clay, and glass products:												
Establishments.....	10,953	9,858	651	287	96	61	2	2	4			
Employees.....	625	154	103	97	65	106	} 1	3	4			
Value added by manufacture.....	4,632	1,064	922	935	564	1,048						
Primary metal industries:												
Establishments.....	5,833	4,344	637	408	218	226	2	2	6			
Employees.....	1,274	114	100	144	155	761	} 1	5	4			
Value added by manufacture.....	12,786	783	879	1,350	1,590	8,185						
Fabricated metal products:												
Establishments.....	22,682	20,557	1,271	507	239	108	1	1	3			
Employees.....	1,094	358	196	175	136	198	} 2	4	2			
Value added by manufacture.....	8,404	2,420	1,493	1,479	1,389	1,623						
Machinery, except electrical:												
Establishments.....	25,059	22,697	1,210	537	334	281	2	2	3			
Employees.....	1,605	349	192	188	234	641	} 1	3	3			
Value added by manufacture.....	13,138	2,620	1,632	1,582	1,938	5,366						
Electrical machinery:												
Establishments.....	5,663	4,282	589	353	220	219	3	3	5			
Employees.....	1,001	106	93	122	154	525	} 1	5	4			
Value added by manufacture.....	7,740	637	631	908	1,352	4,212						
Transportation equipment:												
Establishments.....	5,430	4,278	432	221	162	337	2	2	8	1		
Employees.....	1,812	67	67	80	114	1,485	} 1	8	5	4		
Value added by manufacture.....	16,625	429	480	554	948	14,214						
Instruments and related prod- ucts:												
Establishments.....	3,267	2,887	177	91	51	61	5	6	8			
Employees.....	283	39	28	32	37	147	} 1	8	5			
Value added by manufacture.....	2,280	265	206	258	283	1,268						
Miscellaneous manufactures: <sup>4</sup>												
Establishments.....	17,072	15,913	740	227	117	75	2	2	5			
Employees.....	682	254	110	79	81	158	} 1	3	4			
Value added by manufacture.....	4,455	1,556	671	548	541	1,139						

<sup>1</sup> See Technical Note, p. 773, for explanation of standard error.

<sup>2</sup> Withheld because the estimate did not meet publication standards.

<sup>3</sup> Withheld to avoid disclosing figures for individual companies.

<sup>4</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.

# No. 1029.—COST OF FUELS CONSUMED AND PURCHASED ELECTRIC ENERGY BY MAJOR INDUSTRY GROUPS: 1954 TO 1956

[In millions of dollars. Excludes value of fuels and electrical energy produced and consumed in same establishment; also excludes cost of fuels used as raw materials, such as coal used in making coke. 1955 and 1956 based on sample and subject to sampling variation; see text, pp. 771 and 773]

MAJOR INDUSTRY GROUP	1954			1955			1956		
	Total cost	Fuels consumed <sup>1</sup>	Purchased electric energy	Total cost	Fuels consumed <sup>1</sup>	Purchased electric energy	Total cost	Fuels consumed <sup>1</sup>	Purchased electric energy
<b>All industries, total.....</b>	<b>4,356</b>	<b>2,630</b>	<b>1,725</b>	<b>5,039</b>	<b>3,038</b>	<b>2,002</b>	<b>5,467</b>	<b>3,290</b>	<b>2,177</b>
Food and kindred products.....	419	250	169	444	260	183	485	285	200
Tobacco manufactures.....	8	4	3	8	4	4	9	5	4
Textile mill products.....	195	81	115	209	87	122	218	92	126
Apparel and related products.....	36	13	24	44	15	29	49	17	32
Lumber and wood products.....	99	58	42	120	72	48	132	79	53
Furniture and fixtures.....	81	12	19	35	13	21	38	15	24
Pulp, paper, and product.....	311	220	91	338	243	95	374	270	105
Printing and publishing.....	62	16	36	60	19	41	64	21	43
Chemicals and products.....	621	335	285	752	354	399	842	392	449
Petroleum and coal products.....	160	103	48	193	139	55	229	168	61
Rubber products.....	57	24	33	65	28	37	67	29	38
Leather and leather goods.....	24	12	12	26	13	13	28	14	14
Stone, clay, and glass products.....	370	275	95	414	307	107	452	335	117
Primary metal industries.....	1,182	868	314	1,454	1,101	353	1,538	1,159	380
Fabricated metal products.....	160	74	86	178	80	98	190	87	104
Machinery, except electrical.....	218	110	108	235	115	120	257	125	132
Electrical machinery.....	101	38	63	108	39	69	123	45	78
Transportation equipment.....	218	94	124	246	101	145	255	103	151
Instruments and related products.....	22	10	11	24	12	13	27	13	14
Miscellaneous manufactures.....	81	33	48	84	34	50	90	37	52

<sup>1</sup> Includes cost of all purchased fuel used for power and heat, such as bituminous coal and anthracite, natural, manufactured, and mixed gas, distillate and residual oil, liquefied petroleum gas, gasoline, and wood.

<sup>2</sup> Includes privately owned and/or operated establishments classified in "Ordinance and accessories."

# No. 1030.—MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY MAJOR INDUSTRY GROUPS: 1954 TO 1956

[In millions of dollars. See headnote, table 1032. 1955 and 1956 based on sample and subject to sampling variation; see text, pp. 771 and 773. 1954 expenditures include plants under construction but not in operation]

MAJOR INDUSTRY GROUP	1954			1955			1956			Standard error <sup>1</sup> (percent)	
	Total expenditures	New structures and additions	New machinery and equipment	Total expenditures	New structures and additions	New machinery and equipment	Total expenditures	New structures and additions	New machinery and equipment		
	A	B	C	D	E	F	D	E	F	D	E
<b>All industries, total.....</b>	<b>8,202</b>	<b>2,459</b>	<b>5,743</b>	<b>8,235</b>	<b>2,425</b>	<b>5,809</b>	<b>11,235</b>	<b>3,471</b>	<b>7,763</b>	<b>1</b>	<b>1</b>
Food and kindred prod.....	801	235	566	821	217	604	907	250	657	3	7
Tobacco manufactures.....	28	5	23	27	6	22	47	17	30	1	2
Textile mill products.....	230	47	184	269	55	215	303	58	245	3	7
Apparel and related products.....	277	23	254	286	219	267	288	219	269	7	18
Lumber and wood prod.....	236	69	167	311	91	220	307	83	224	5	5
Furniture and fixtures.....	62	22	39	79	230	249	92	41	52	7	8
Pulp, paper, and prod.....	2,533	2,130	2,403	577	106	472	825	178	648	3	6
Printing and publishing.....	237	60	178	261	64	197	315	89	227	9	21
Chemicals and products.....	1,021	260	761	841	234	607	1,169	290	879	3	5
Petroleum and coal products.....	705	458	247	601	421	180	710	530	180	4	6
Rubber products.....	129	19	110	127	22	105	152	20	132	6	11
Leather and leather goods.....	29	8	20	37	8	30	37	9	28	4	8
Stone, clay, and glass products.....	312	90	223	508	145	363	762	260	502	4	8
Primary metal indus.....	980	305	674	990	298	692	1,687	517	1,170	2	3
Fabricated metal prod.....	444	114	330	509	160	348	552	180	372	4	9
Machinery, except electrical.....	734	200	534	670	132	538	912	244	668	4	22
Electrical machinery.....	355	293	248	358	93	265	495	147	348	3	12
Transportation equip.....	1,003	218	784	854	216	637	1,498	400	1,098	1	1
Instruments and related products.....	99	30	68	110	40	70	148	55	93	4	7
Miscellaneous.....	178	46	132	187	59	127	226	84	142	11	22

<sup>1</sup> See Technical Note, p. 773, for explanation of standard error.

<sup>2</sup> Expenditures for establishments under construction excluded from industry group in order to avoid disclosing figures for individual companies. They are, however, included in the totals.

<sup>3</sup> Includes privately owned and/or operated establishments classified in "Ordinance and accessories."

Source of tables 1029 and 1030: Department of Commerce, Bureau of the Census; U. S. Census of Manufactures: 1954, Vol. 1, and Annual Survey of Manufactures.



## No. 1031.—MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY STATES: 1955 AND 1956

[In thousands of dollars. See headline, table 1030]

STATE	1955			1956			Standard error <sup>1</sup> (percent)	
	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment		
	A	B	C	A	B	C	A	B
United States.....	8,234,542	2,425,493	5,809,049	11,234,581	3,471,488	7,763,093	1	1
New England.....	470,682	105,121	365,561	573,958	149,742	424,216	2	6
Maine.....	<sup>2</sup> 54,333	<sup>2</sup> 9,259	<sup>2</sup> 45,074	50,172	11,175	38,997	6	16
New Hampshire.....	21,029	2,941	18,088	35,823	7,162	28,661	5	17
Vermont.....	9,940	1,891	8,049	11,667	( <sup>3</sup> )	( <sup>3</sup> )	13	-----
Massachusetts.....	<sup>2</sup> 195,004	<sup>2</sup> 37,548	<sup>2</sup> 157,456	<sup>2</sup> 228,810	<sup>2</sup> 51,732	<sup>2</sup> 177,078	3	5
Rhode Island.....	<sup>2</sup> 30,658	( <sup>3</sup> )	( <sup>3</sup> )	38,225	( <sup>3</sup> )	( <sup>3</sup> )	13	-----
Connecticut.....	149,913	41,109	108,804	<sup>2</sup> 190,501	<sup>2</sup> 61,247	<sup>2</sup> 129,254	5	9
Middle Atlantic.....	1,584,338	428,433	1,155,905	2,041,246	622,530	1,418,716	2	3
New York.....	548,906	112,776	436,130	693,183	168,091	525,092	3	5
New Jersey.....	370,741	87,371	283,370	491,716	149,911	341,805	3	9
Pennsylvania.....	664,691	228,286	436,405	856,347	304,528	551,819	3	4
East North Central.....	2,670,025	761,903	1,908,122	3,742,254	1,073,796	2,668,458	1	4
Ohio.....	679,536	186,502	493,034	1,053,550	272,786	780,764	2	4
Indiana.....	448,807	180,563	268,244	<sup>2</sup> 586,102	<sup>2</sup> 205,861	<sup>2</sup> 380,241	2	2
Illinois.....	562,349	171,701	390,648	822,330	292,763	529,567	3	4
Michigan.....	805,804	196,513	609,291	1,014,855	232,298	782,557	3	7
Wisconsin.....	173,529	26,624	146,905	<sup>2</sup> 224,031	( <sup>3</sup> )	( <sup>3</sup> )	11	-----
West North Central.....	406,220	149,689	256,531	535,567	196,613	338,954	3	6
Minnesota.....	<sup>2</sup> 70,327	<sup>2</sup> 31,891	<sup>2</sup> 47,436	98,658	35,855	62,793	9	10
Iowa.....	<sup>2</sup> 76,264	<sup>2</sup> 27,903	<sup>2</sup> 48,366	131,670	46,365	85,305	4	8
Missouri.....	<sup>2</sup> 144,393	<sup>2</sup> 39,805	<sup>2</sup> 104,588	166,351	44,835	121,516	6	18
North Dakota.....	13,924	13,140	784	14,451	13,640	805	15	4
South Dakota.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----
Nebraska.....	20,889	7,716	13,173	<sup>2</sup> 31,279	11,721	<sup>2</sup> 19,558	17	18
Kansas.....	<sup>2</sup> 64,538	<sup>2</sup> 26,446	<sup>2</sup> 38,093	<sup>2</sup> 89,407	<sup>2</sup> 43,417	<sup>2</sup> 45,990	5	6
South Atlantic.....	1,090,925	341,329	749,596	1,503,669	504,526	999,143	3	6
Delaware.....	<sup>2</sup> 22,634	( <sup>3</sup> )	( <sup>3</sup> )	<sup>2</sup> 150,401	( <sup>3</sup> )	( <sup>3</sup> )	18	-----
Maryland.....	<sup>2</sup> 177,629	<sup>2</sup> 61,254	<sup>2</sup> 116,374	<sup>2</sup> 320,024	<sup>2</sup> 124,475	<sup>2</sup> 195,549	7	11
Dist. of Columbia.....	7,037	2,620	4,417	<sup>2</sup> 7,544	<sup>2</sup> 1,955	<sup>2</sup> 5,589	5	2
Virginia.....	153,550	46,180	107,370	175,744	36,335	139,409	12	12
West Virginia.....	135,493	33,826	101,667	<sup>2</sup> 197,396	<sup>2</sup> 53,685	<sup>2</sup> 143,711	2	2
North Carolina.....	171,664	48,261	123,403	194,539	47,487	147,052	4	12
South Carolina.....	<sup>2</sup> 83,221	<sup>2</sup> 13,965	<sup>2</sup> 69,256	101,970	24,813	77,157	6	30
Georgia.....	196,161	52,857	143,304	232,016	55,474	176,542	5	14
Florida.....	80,343	18,824	61,519	117,004	( <sup>3</sup> )	( <sup>3</sup> )	23	-----
East South Central.....	348,637	82,379	266,258	597,633	160,832	436,801	5	12
Kentucky.....	95,465	14,016	81,449	119,495	31,069	88,426	4	22
Tennessee.....	120,931	29,093	91,838	203,681	( <sup>3</sup> )	( <sup>3</sup> )	11	-----
Alabama.....	<sup>2</sup> 95,302	<sup>2</sup> 26,141	<sup>2</sup> 69,161	239,451	63,095	176,356	5	5
Mississippi.....	<sup>2</sup> 33,100	<sup>2</sup> 11,833	<sup>2</sup> 21,267	35,006	12,321	22,685	5	4
West South Central.....	581,456	207,056	374,400	868,674	291,867	576,807	5	14
Arkansas.....	<sup>2</sup> 52,800	<sup>2</sup> 10,312	<sup>2</sup> 42,488	<sup>2</sup> 50,435	<sup>2</sup> 8,287	<sup>2</sup> 42,148	16	26
Louisiana.....	<sup>2</sup> 92,620	<sup>2</sup> 32,050	<sup>2</sup> 60,470	<sup>2</sup> 163,380	<sup>2</sup> 51,702	<sup>2</sup> 111,678	2	4
Oklahoma.....	45,481	19,963	25,518	50,562	18,231	32,331	4	5
Texas.....	382,656	141,627	241,029	553,378	191,447	361,931	7	21
Mountain.....	<sup>2</sup> 208,543	<sup>2</sup> 64,770	<sup>2</sup> 143,773	273,870	107,314	166,556	5	8
Montana.....	65,079	21,282	43,797	83,657	44,473	39,184	13	24
Idaho.....	33,679	6,029	27,650	30,530	8,437	22,093	7	15
Wyoming.....	5,082	4,540	542	12,178	10,141	2,037	22	4
Colorado.....	<sup>2</sup> 33,693	<sup>2</sup> 13,312	<sup>2</sup> 20,381	<sup>2</sup> 64,662	<sup>2</sup> 24,032	<sup>2</sup> 40,630	7	14
New Mexico.....	13,570	4,138	9,432	13,291	3,598	9,693	29	29
Arizona.....	<sup>2</sup> 15,800	<sup>2</sup> 7,454	<sup>2</sup> 8,346	<sup>2</sup> 14,021	<sup>2</sup> 6,536	<sup>2</sup> 7,485	16	26
Utah.....	36,479	7,145	29,334	46,408	5,967	40,441	9	22
Nevada.....	5,161	( <sup>3</sup> )	( <sup>3</sup> )	4,919	( <sup>3</sup> )	( <sup>3</sup> )	15	-----
Pacific.....	<sup>2</sup> 827,057	<sup>2</sup> 272,437	<sup>2</sup> 554,620	1,097,710	364,268	733,442	2	3
Washington.....	<sup>2</sup> 200,286	<sup>2</sup> 83,761	<sup>2</sup> 116,525	<sup>2</sup> 222,651	<sup>2</sup> 70,058	<sup>2</sup> 152,593	4	4
Oregon.....	<sup>2</sup> 80,870	<sup>2</sup> 18,011	<sup>2</sup> 62,859	<sup>2</sup> 92,168	<sup>2</sup> 21,998	<sup>2</sup> 70,170	7	12
California.....	585,519	180,388	405,131	771,434	270,224	501,210	3	4

<sup>1</sup> See Technical Note, p. 773, for explanation of standard error.<sup>2</sup> Excludes figures for establishments under construction.<sup>3</sup> Withheld because estimate did not meet publication standards.Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.

# No. 1032.—VALUE OF MANUFACTURERS' INVENTORIES, BY MAJOR INDUSTRY GROUPS: 1954 TO 1956

[In millions of dollars. As of end of year. For 1954, small establishments (usually those with less than 6 employees) reported only their total beginning and end-of-year inventories. Their detailed inventory (or expenditure) figures were derived by prorating on basis of 1954 industry averages to obtain figures representing all establishments for 1954. Data for 1955 and 1956 based on sample and subject to sampling variation; see text, pp. 771 and 773]

MAJOR INDUSTRY GROUP	1954				1955				1956				Standard error (percent)	
	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.		
	A	B	C	D	E	F	G	H	E	F	G	H	E	F
All industries.....	40,341	13,541	11,831	14,919	43,715	14,046	12,983	16,683	49,091	16,030	14,651	13,410	1	1
Food and kindred products.....	4,670	2,723	2,211	1,736	4,737	2,769	2,231	1,737	5,139	2,979	2,284	1,875	1	1
Tobacco manufactures.....	1,702	653	29	1,020	1,712	697	27	1,018	1,718	659	32	1,028	3	1
Textile mill products.....	2,147	784	575	1,788	2,184	757	595	832	2,315	830	598	837	1	1
Apparel and related products.....	1,464	629	260	574	1,617	681	311	625	1,726	756	314	666	1	1
Lumber and wood products.....	1,143	516	227	400	1,205	535	237	432	1,366	605	280	480	1	2
Furniture and fixtures.....	582	165	138	279	664	179	158	327	715	194	169	353	1	2
Pulp, paper, and products.....	1,091	299	104	688	1,179	309	122	749	1,367	362	138	867	1	1
Printing and publishing.....	2,853	1,179	407	1,267	3,031	1,207	412	1,410	3,321	1,397	443	1,481	2	2
Chemicals and products.....	1,430	818	273	1,339	1,481	842	278	361	1,673	997	295	381	1	1
Petroleum and coal products.....	500	280	93	207	692	329	107	256	734	400	109	226	1	2
Rubber products.....	489	167	121	201	508	164	126	213	528	184	127	217	1	2
Leather and leather goods.....	806	353	100	353	878	381	114	384	1,013	455	129	429	1	2
Stone, clay, and glass products.....	3,648	936	1,067	1,645	4,118	927	1,228	1,963	4,926	1,133	1,425	2,368	1	2
Primary metal industries.....	2,482	648	745	1,089	2,943	742	869	1,332	3,348	845	975	1,523	1	1
Fabricated metal products.....	4,098	1,548	1,798	1,352	5,345	1,611	2,103	1,631	6,433	1,963	2,553	1,916	1	1
Machinery, except electrical.....	2,472	608	1,114	749	2,793	624	723	886	3,209	783	1,424	1,003	1	2
Electrical machinery.....	5,474	453	3,620	1,402	6,066	570	3,856	1,940	6,908	640	4,384	1,833	1	1
Transportation equipment.....	747	187	370	190	798	190	36	606	896	223	439	212	1	3
Instruments and related products.....	1,853	586	627	639	1,795	562	562	671	1,756	576	533	647	2	3
Miscellaneous manufactures.....														

<sup>1</sup> See Technical Note, p. 773, for explanation of standard error.

<sup>2</sup> Work in process for "Meat packing" and "Prepared meats" included in finished products.

<sup>3</sup> Data not collected.

<sup>4</sup> Includes privately owned and/or operated establishments classified in "Ordinance and accessories."

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Manufactures: 1954*, Vol. I, and *Annual Survey of Manufactures*.

# No. 1033.—WATER USE IN MANUFACTURING INDUSTRIES, BY MAJOR INDUSTRY GROUP: 1954

[In billions of gallons. For establishments reporting intake of 20 million or more gallons of water, which account for about 97 percent of the water used in manufacturing]

MAJOR INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS			WATER INTAKE						WATER DISCHARGE		Water required if none recirculated or reused	
	Total	Recirculating or reusing water	Treating water prior to recirculation or reuse	All purposes		Fresh, from—			Brackish (salt) water	Total	Treated prior to discharge		
				Total	Treated prior to use <sup>1</sup>	Total	Public system	Company surface water system					Company ground water system
All industries.....	10,226	6,770	1,310	11,757	4,155	10,135	1,663	6,899	1,573	1,622	10,677	1,373	21,906
Food and kindred products.....	2,614	1,726	237	590	280	530	200	120	210	60	526	38	1,248
Tobacco manufactures.....	23	19	11	2	2	2	2	2	2	3	1	1	11
Textile mill products.....	778	432	53	273	73	270	47	108	115	3	228	13	307
Apparel and related products.....	12	6	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Lumber and wood products.....	308	196	22	133	7	107	10	81	16	26	111	4	155
Furniture and fixtures.....	64	36	7	7	2	7	3	4	4	3	4	4	8
Pulp, paper, and products.....	897	763	156	1,607	843	1,472	211	998	263	135	1,437	201	4,129
Printing and publishing.....	17	64	13	13	1	13	12	1	1	3	12	12	19
Chemicals and products.....	1,102	779	198	2,810	1,124	2,297	212	1,451	634	513	2,554	332	5,004
Petroleum and coal products.....	376	304	129	1,516	280	908	117	689	102	608	1,388	468	4,515
Rubber products.....	179	137	21	113	27	108	43	48	17	5	108	1	170
Leather and leather goods.....	134	68	10	20	4	19	12	4	3	1	18	4	22
Stone, clay, and glass products.....	472	288	71	267	44	246	25	199	22	21	244	27	563
Primary metal industries.....	865	593	102	3,641	1,352	3,490	271	3,044	105	221	3,389	270	4,664
Fabricated metal products.....	547	281	106	196	88	195	177	5	15	3	186	5	275
Machinery, except electrical.....	513	327	61	120	16	107	37	37	27	11	101	8	183
Electrical machinery.....	326	207	46	112	15	107	71	29	7	9	178	5	342
Transportation equipment.....	488	309	80	253	28	244	102	57	26	9	219	9	393
Instrument and related products.....	93	62	14	10	8	19	6	10	4	4	18	4	34
Miscellaneous manufactures.....	291	173	33	50	14	54	25	14	15	5	55	6	94

<sup>1</sup> Includes simple as well as complex treatment.

<sup>2</sup> Less than 500 million gallons.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Manufactures: 1954*, Vol. I.

# No. 1034.—CANNED FRUIT AND VEGETABLE PRODUCTS—ANNUAL PRODUCTION: 1946-47 TO 1957-58

[In millions of standard cases except as noted. Data are for pack years and are partly estimated]

PRODUCT	1946-1947	1947-1948	1948-1949	1949-1950	1950-1951	1951-1952	1952-1953	1953-1954	1954-1955	1955-1956	1956-1957	1957-1958
<b>Fruits <sup>1</sup></b>	82.9	66.2	65.1	69.6	74.2	81.5	75.5	78.3	81.4	90.5	96.1	(2)
Apples	4.0	2.1	1.6	3.9	4.9	3.1	2.4	2.7	4.3	3.3	3.6	3.4
Applesauce	6.2	4.5	3.4	5.9	8.3	5.5	5.5	7.0	9.4	8.3	9.5	8.9
Apricots	10.7	3.3	4.8	2.4	3.7	4.6	4.0	4.8	2.8	5.9	4.2	4.2
Berries	0.8	1.0	1.8	2.0	1.3	1.7	1.4	1.4	1.4	1.1	1.0	1.3
Cherries, red, pitted	2.4	1.8	2.7	2.6	3.8	3.6	2.9	2.8	2.3	3.5	1.8	2.6
Cherries, other	1.8	0.6	0.8	1.7	0.7	0.9	1.3	1.1	1.0	1.4	0.7	1.0
Cranberries	3.2	2.2	1.3	1.8	2.5	2.7	2.5	2.8	3.0	3.1	3.1	3.0
Figs	1.2	0.8	0.6	0.3	0.5	0.7	0.8	0.5	0.5	0.6	0.6	0.5
Grapefruit	4.0	2.3	3.1	2.4	3.2	2.4	2.6	3.0	3.6	3.3	3.1	(2)
Mixed fruits	8.9	10.2	11.0	7.6	8.2	10.0	8.3	9.2	10.0	10.9	12.2	11.7
Peaches	20.0	19.0	17.4	19.1	16.6	22.8	19.3	21.1	18.5	22.5	27.9	23.9
Pears	5.2	5.7	4.0	5.9	6.4	6.6	6.6	5.8	7.8	8.3	8.9	8.6
Pineapple <sup>2</sup>	8.4	9.4	10.8	10.8	11.3	12.2	14.6	13.4	13.1	14.7	14.6	13.5
Plums and prunes	4.2	2.3	0.9	1.8	1.0	2.4	1.6	1.4	1.7	1.7	2.3	1.1
Olives, ripe	1.9	1.0	0.9	1.4	1.8	2.3	1.7	1.3	2.0	1.9	2.6	2.0
<b>Juices <sup>1</sup></b>	110.0	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Apple	4.4	1.4	1.1	2.7	3.4	3.0	3.1	3.0	4.1	3.4	4.0	4.4
Apricot, peach, pear	1.5	1.5	1.6	1.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Grape	3.4	3.4	3.5	2.8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Grapefruit	17.6	17.5	14.3	12.2	18.3	9.2	11.6	16.0	12.0	13.8	14.2	(2)
Lemon	0.4	0.5	0.4	0.6	0.4	0.4	0.7	0.3	0.5	0.7	0.6	(2)
Orange	19.7	27.3	19.3	19.5	22.5	20.9	18.9	18.6	18.1	16.6	17.6	(2)
Orange-grapefruit	11.0	12.4	10.8	7.4	9.4	6.6	6.1	6.5	5.1	5.4	5.3	(2)
Pineapple <sup>3</sup>	9.0	9.9	11.5	12.0	13.7	12.2	16.9	16.4	16.0	16.2	16.7	12.5
Prune	4.0	3.9	4.0	5.4	4.5	4.0	(2)	(2)	(2)	(2)	(2)	(2)
Other fruit	3.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Tomato	29.2	19.5	27.8	23.5	26.2	36.2	35.8	37.8	27.1	26.9	43.6	32.6
Other vegetable	6.3	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>Seasonal vegetables <sup>4</sup></b>	(2)	(2)	(2)	(2)	124.3	149.2	139.8	140.7	135.0	136.9	159.0	150.0
Asparagus	4.6	3.8	3.6	4.4	4.5	4.8	4.4	4.0	5.0	6.2	5.4	5.9
Beans, green and wax	18.3	13.1	15.2	20.6	21.0	19.4	16.3	22.6	27.1	23.4	24.0	26.2
Beans, lima	1.7	2.2	2.5	4.4	3.2	3.0	2.3	3.1	3.5	2.8	3.4	2.5
Beets	7.0	3.4	4.4	7.3	8.2	7.5	6.7	8.6	7.1	7.5	9.7	8.4
Carrots	3.7	1.0	3.1	1.8	1.9	2.2	2.8	2.7	2.1	1.8	3.1	2.4
Corn	31.0	26.1	31.5	29.8	18.2	25.6	32.3	31.0	30.6	24.1	35.7	31.5
Greens, leafy	1.5	0.9	1.7	2.5	2.0	2.8	2.9	2.3	2.1	2.5	2.2	2.1
Mixed vegetables	(2)	(2)	(2)	(2)	2.4	1.9	2.0	1.8	1.7	1.7	1.7	1.4
Peas, field	(2)	(2)	(2)	1.1	1.7	1.4	1.5	2.0	1.3	1.8	0.9	1.4
Peas, green	40.9	33.1	23.4	23.5	29.1	33.9	26.5	28.0	24.0	27.4	29.2	33.0
Pimientos	0.6	0.5	0.5	0.6	1.2	0.4	0.3	1.0	0.7	1.0	0.3	0.4
Pumpkin and squash	4.6	3.4	1.8	1.1	2.2	4.4	5.4	3.0	2.1	4.2	5.1	3.3
Spinach	8.4	3.9	5.0	6.7	5.6	7.6	6.1	5.4	4.0	6.0	6.4	6.3
Tomatoes	23.9	27.7	24.4	21.5	21.1	31.8	28.0	22.3	21.8	24.7	29.9	21.7
Other vegetable packs <sup>5</sup>	(2)	(2)	(2)	(2)	2.0	2.5	2.3	2.9	1.9	1.8	2.0	2.6
<b>Nonseasonal vegetables <sup>4</sup></b>	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Beans, all dry varieties	35.0	37.1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hominy	(2)	4.3	4.5	4.8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Mushrooms	0.5	0.9	0.6	0.7	0.6	0.6	0.7	(2)	(2)	(2)	(2)	(2)
Sauerkraut	8.3	4.2	6.5	7.8	8.9	7.2	7.1	8.2	8.1	7.6	8.1	(2)
Spaghetti and macaroni	(2)	6.2	(2)	(2)	8.7	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Sweet potatoes	4.2	1.7	1.8	3.1	4.3	3.2	5.0	4.9	4.1	5.1	5.1	5.3
Soups	43.0	43.5	42.0	41.0	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
White potatoes	(2)	0.9	1.6	1.5	1.6	1.3	2.6	2.8	1.7	2.7	2.9	3.2
<b>Tomato products <sup>4</sup></b>	45.0	35.7	25.4	21.8	26.0	46.9	37.2	30.3	31.4	41.3	55.1	39.2
Catsup and chili sauce	13.0	16.9	13.2	8.7	11.7	19.8	15.5	15.2	14.4	18.4	24.7	18.2
Paste and sauce	16.2	12.9	8.5	9.0	10.3	19.4	17.0	11.5	13.8	18.6	24.2	16.4
Pulp and puree	15.8	5.9	3.7	4.1	4.0	7.7	4.7	3.6	3.2	4.3	6.2	4.6
<b>Canned baby foods <sup>6</sup></b>	120.2	90.0	126.7	122.1	130.2	119.6	134.1	156.4	160.6	157.4	160.7	(2)
Desserts	10.6	7.2	10.1	8.5	9.3	9.9	12.1	14.4	14.7	21.0	19.1	(2)
Fruits	45.0	34.8	41.6	49.6	49.3	44.9	49.4	61.1	63.1	54.3	58.4	(2)
Meat compounds	36.8	24.7	38.0	36.1	40.4	36.4	43.2	47.5	49.0	50.5	53.4	(2)
Vegetables	27.8	23.3	37.0	27.9	31.2	28.4	29.4	33.4	33.8	31.6	29.8	(2)

<sup>1</sup> Basis 24 No. 2½ cans. <sup>2</sup> Not available.

<sup>3</sup> Hawaiian pack plus receipts from Puerto Rico. 1951-57 represents Hawaiian pack and foreign operations.

<sup>4</sup> Basis 24 No. 2 cans.

<sup>5</sup> Succotash, triple succotash, carrots and peas, okra, okra and tomatoes.

<sup>6</sup> Basis dozen cans.

Source: National Canners Association, Washington, D. C.; *Canned Food Pack Statistics*, and records.

No. 1035.—CANNED VEGETABLES, FRUITS, JUICES, AND FISH—CANNERS' CARRYOVER, PACK, TOTAL SUPPLY, AND SHIPMENTS: 1955-1956 TO 1957-1958

[In thousands of actual cases]

COMMODITY	Season beginning date	TOTAL SUPPLY		1957-1958 SEASON			SHIPMENTS FROM SEASON DATE TO—	
		1955-1956	1956-1957	Total supply	Carry-over	Pack	Jan. 1, 1957	Jan. 1, 1958
<b>Vegetables:</b>								
Asparagus.....	Mar. 1	7,738	8,048	8,613	1,844	6,769	5,214	5,652
Beans, green and wax.....	July 1	28,181	30,397	31,075	4,708	126,367	12,797	12,592
Beans, lima.....	Aug. 1	4,149	4,805	3,986	1,247	2,739	(2)	(2)
Beets.....	July 1	9,689	11,980	11,728	3,014	8,714	5,005	4,438
Carrots.....	July 1	2,643	3,468	3,192	1,039	1,213	1,814	1,254
Corn.....	Aug. 1	34,530	44,391	43,149	5,632	37,517	17,720	15,989
Peas.....	June 1	33,096	35,152	41,708	3,901	37,807	18,880	19,604
Pumpkin and squash.....	July 1	3,763	4,613	4,201	1,357	2,844	2,734	2,763
Sauerkraut <sup>4</sup> .....	Aug. 1	6,740	8,160	7,411	2,710	4,701	2,538	2,521
Spinach.....	Mar. 1	5,829	5,282	(2)	1,603	(2)	(2)	(2)
Tomatoes.....	July 1	25,442	30,395	24,771	5,379	19,392	13,365	13,443
Tomato catsup and chili sauce.....	July 1	28,478	36,903	34,516	8,229	26,287	14,123	12,611
Tomato paste <sup>6</sup> .....	July 1	7,082	10,010	8,382	1,812	6,570	5,732	4,255
Tomato puree (pulp) <sup>6</sup> .....	July 1	2,200	3,036	3,154	837	2,317	1,186	1,280
Tomato sauce <sup>6</sup> .....	July 1	8,222	10,164	9,321	3,292	6,029	2,853	4,175
<b>Fruits:</b>								
Apples <sup>7</sup> .....	Sept. 1	4,625	4,614	4,260	963	3,297	1,351	1,248
Applesauce.....	Sept. 1	15,901	16,464	14,996	2,358	12,638	4,845	5,248
Apricots.....	June 1	7,497	6,597	6,338	1,218	5,120	(2)	2,783
Cherries, red, pitted.....	July 1	5,027	3,104	3,805	201	3,604	1,639	2,125
Cherries, sweet.....	June 1	2,463	1,681	1,661	168	1,503	(2)	558
Fruit cocktail <sup>9</sup> .....	June 1	16,727	19,359	19,815	3,479	16,336	6,068	6,079
Grapefruit segments <sup>10</sup> .....	Oct. 1	6,369	5,651	3,735	730	3,005	971	882
Peaches.....	June 1	27,329	34,872	35,183	7,047	28,136	(2)	15,197
Pears.....	June 1	12,559	13,336	13,712	3,323	10,389	(2)	4,271
Pineapple <sup>11</sup> .....	June 1	5,750	25,984	21,433	6,619	14,814	10,509	10,622
Plums <sup>12</sup> .....	June 1	2,263	2,929	1,925	891	1,034	1,108	985
<b>Juices:</b>								
Citrus blends <sup>10</sup> .....	Oct. 1	4,604	4,686	2,037	460	1,577	764	1,059
Grapefruit <sup>10</sup> .....	Oct. 1	12,647	12,860	3,840	1,750	2,090	1,965	2,332
Orange <sup>10</sup> .....	Oct. 1	17,378	20,169	10,739	1,631	9,108	3,184	3,618
Pineapple <sup>11</sup> .....	June 1	19,604	19,466	15,049	5,066	9,983	7,927	6,200
Tomato <sup>13</sup> .....	July 1	29,039	40,029	37,560	9,077	28,483	14,356	15,069
<b>Fish:</b>								
Maine sardines <sup>14</sup> .....	Apr. 15	1,945	2,342	2,543	426	2,117	1,463	1,432

<sup>1</sup> Pack to January 1, 1958.

<sup>2</sup> Not available.

<sup>3</sup> Shipments to December 1.

<sup>4</sup> Pack of sauerkraut converted to cases by using a factor of 10 cases of 24/2-1/2's per barrel (of 45 gallons).

<sup>5</sup> Pack only.

<sup>6</sup> Covers California only.

<sup>7</sup> Basis 6/10's.

<sup>8</sup> Shipment figures are in standard cases.

<sup>9</sup> Includes fruits for salad and mixed fruits (except citrus).

<sup>10</sup> Covers Florida only.

<sup>11</sup> Covers Hawaii and the Philippines.

<sup>12</sup> Covers purple plums only.

<sup>13</sup> Includes vegetable juice combinations containing at least 70 percent tomato juice.

<sup>14</sup> Measured in 100-can cases.

Source: Department of Commerce, Bureau of the Census; *Canned Food Report*.

## No. 1036.—DENATURED ALCOHOL: 1920 TO 1957

[For years ending June 30. Includes data for Hawaii for all years and for Puerto Rico beginning 1930]

YEAR	Alcohol produced at industrial alcohol plants	Denaturing plants operated	SPECIALLY DENATURED ALCOHOL DEALERS AND USERS		Ethyl alcohol used for denaturation <sup>1</sup>	DENATURED ALCOHOL PRODUCED <sup>2</sup>		
			Dealers operating	Manufacturers operating		Total	Completely denatured	Speci- ally denatured
	1,000 proof gallons				1,000 proof gallons	1,000 wine gallons	1,000 wine gallons	1,000 wine gallons
1920.....	18,934	52	57	1,395	45,641	28,836	13,528	15,308
1925.....	166,166	91	118	4,759	152,254	81,808	46,984	34,824
1930.....	193,824	68	81	4,306	185,001	106,777	59,064	47,713
1935.....	180,646	39	71	4,279	165,234	97,031	38,747	58,284
1940.....	243,728	40	52	4,283	225,161	126,762	15,352	111,410
1945.....	650,060	65	38	4,061	971,447	527,096	33,088	494,008
1950.....	313,535	46	35	4,176	322,837	174,674	4,414	170,260
1951.....	444,935	48	36	4,128	456,000	245,437	1,439	243,999
1952.....	467,390	55	34	4,083	489,789	262,493	993	261,500
1953.....	484,990	53	34	4,052	444,845	239,829	627	239,202
1954.....	378,499	45	34	4,016	386,229	208,596	625	207,970
1955.....	411,840	46	35	3,939	395,334	213,229	576	212,654
1956.....	485,484	42	35	3,972	498,614	268,226	673	267,554
1957.....	426,418	47	36	3,930	436,469	235,291	589	234,752

<sup>1</sup> Through 1940, represents *withdrawals* of all products for denaturation, that is, domestic ethyl alcohol, spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol), and rum. Beginning 1945, represents all products (except rum) *used* for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits. Rum is included for 1935 and 1940 because denatured rum is included with specially denatured alcohol for those years. <sup>2</sup> Prior to 1945 includes denatured rum.

Source: Treasury Department, Internal Revenue Service; annual report, *Statistics Relating to the Alcohol and Tobacco Industries*, and records.

## No. 1037.—ALCOHOLIC BEVERAGES—PRODUCTION, TAX-PAID WITHDRAWALS, AND STOCKS: 1940 TO 1957

[For years ending June 30. Includes data for Alaska and Hawaii. See also *Historical Statistics, 1789-1945*, series J 172, for production of fermented malt liquor]

CLASS	Unit	1940	1945	1950	1955	1956	1957
<b>Fermented malt liquor (beer):</b>							
Production.....	1,000 bbl. <sup>1</sup> .....	54,892	86,604	88,807	89,791	90,698	89,832
Tax-paid withdrawals.....	do.....	53,014	79,591	83,512	84,457	85,537	84,321
Stocks on hand, June 30.....	do.....	9,019	9,262	10,982	11,627	11,264	11,451
Breweries operated.....	Number.....	611	468	407	292	281	264
<b>Distilled spirits:</b>							
Production <sup>2</sup> .....	1,000 tax gal. <sup>3</sup> .....	143,455	524,301	208,235	182,142	235,270	224,948
Tax-paid withdrawals <sup>4</sup> .....	do.....	128,326	142,331	144,124	153,122	165,537	169,857
Stocks on hand, June 30.....	do.....	525,395	338,173	708,562	841,496	854,755	853,012
<b>Premises operated:</b>							
Registered distilleries.....	Number.....	101	138	82	72	71	68
Fruit distilleries.....	do.....	120	111	109	95	95	93
Internal revenue bonded ware- houses.....	do.....	295	249	236	225	218	214
<b>Whiskey:</b>							
Production <sup>2</sup> .....	do.....	98,993	41,562	118,760	103,927	130,999	118,796
Tax-paid withdrawals.....	do.....	81,267	63,891	60,499	74,356	78,430	81,207
Stocks on hand, June 30.....	do.....	480,938	307,588	643,280	715,861	737,709	742,872
<b>Rectified spirits and wines, pro- duction.....</b>							
1,000 proof gal.....	47,657	118,863	107,861	81,925	83,451	84,400	
Whiskey, production.....	do.....	37,977	101,645	94,908	72,409	71,490	70,568
<b>Still wines:</b>							
Production <sup>5</sup> .....	1,000 wine gal. <sup>6</sup> .....	212,368	314,983	297,857	380,229	503,677	444,802
Tax-paid withdrawals <sup>7</sup> .....	do.....	82,571	91,752	135,581	136,279	138,008	139,920
Stocks on hand, June 30 <sup>7,8</sup> .....	do.....	93,421	103,930	128,433	128,475	143,082	139,115
<b>Effervescent wines: <sup>9</sup></b>							
Production.....	do.....	482	1,551	1,061	1,716	2,178	2,479
Tax-paid withdrawals.....	do.....	419	1,263	1,047	1,561	1,833	2,123
Stocks on hand, June 30.....	do.....	660	1,132	1,619	1,401	1,720	1,840

<sup>1</sup> Barrels of 31 wine gallons. <sup>2</sup> Prior to 1957, net production obtained by deducting total products used in redistillation from gross production of neutral product (spirits); thereafter, each kind of distilled spirit used in redistillation was deducted from gross production of same kind. <sup>3</sup> A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon. <sup>4</sup> For spirits of less than 100 proof the tax gallon is equivalent to the wine gallon.

<sup>5</sup> Includes ethyl alcohol. <sup>6</sup> Production represents total amount removed from fermenters, including distilling material (substandard wines produced with excessive water or residue materials). In 1957, 296,010,579 gallons of distilling materials were produced. <sup>7</sup> Standard United States gallon.

<sup>8</sup> Includes vermouth and other special natural wines. <sup>9</sup> Excludes distilling materials.

<sup>10</sup> Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Treasury Department, Internal Revenue Service; annual report, *Statistics Relating to the Alcohol and Tobacco Industries*, and records.

# No. 1038.—ETHYL ALCOHOL AND DISTILLED SPIRITS—MATERIALS USED IN PRODUCTION, BY KINDS: 1931 TO 1957

[Excludes materials used at fruit distilleries in production of brandy and spirits-fruit. For years ending June 30]

YEARLY AVERAGE OR YEAR	Molas- ses	GRAIN <sup>1</sup>				Ethyl sulphate	Pro- ducts used in redistil- lation	Other materials <sup>2</sup>	
		Corn	Malt	Rye	Other <sup>3</sup>				
	1,000 gal.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 gal.	1,000 proof gal.	1,000 gal.	1,000 lb.
1931-1935.....	167,264	480,276	101,183	245,457	5,252	10,686	(4)	14,473	26,606
1936-1940.....	183,214	1,398,797	267,247	466,285	3,179	31,530	(4)	15,518	3,195
1941-1945.....	240,247	1,652,322	562,455	348,848	3,069,179	77,809	51,517	18,033	49,748
1946-1950.....	132,504	1,769,024	381,054	343,640	604,398	116,613	41,604	219,157	660,869
1951-1955.....	132,028	1,562,061	272,758	274,881	543,080	180,685	48,117	305,867	100,870
1951.....	131,206	2,790,404	564,853	428,736	1,601,429	148,393	41,151	296,457	75,229
1952.....	160,801	1,624,372	294,647	235,281	855,593	168,020	38,086	323,242	72,128
1953.....	223,737	891,384	133,290	160,174	58,561	183,167	35,783	325,092	120,121
1954.....	88,152	1,295,029	192,817	285,964	59,819	189,423	70,323	283,313	118,209
1955.....	61,245	1,209,117	178,184	264,251	139,996	214,421	55,240	301,230	118,661
1956.....	107,798	1,545,368	221,180	259,224	170,418	232,538	38,947	318,005	111,053
1957.....	35,584	1,567,279	210,972	254,248	154,362	252,245	42,739	316,631	98,517

<sup>1</sup> Conversion factor used was 56 pounds per bushel when reported in bushels.

<sup>2</sup> Wheat, barley, rice, sorghum grain, etc., also mixtures of corn, malt, and rye.

<sup>3</sup> Diamalt, sulphite liquors, pineapple juice, enzyme extract, cider, corn sirup, potatoes, crude alcohol mixtures, cellulose pulp and chemical mixtures, ethylene gas, whey, etc.

<sup>4</sup> Not available. <sup>5</sup> 4-year average, 1942-45.

Source: Treasury Department, Internal Revenue Service; annual report, *Statistics Relating to the Alcohol and Tobacco Industries*, and records.

# No. 1039.—DISTILLED SPIRITS, MALT LIQUORS, AND WINES—APPARENT AVERAGE ANNUAL PER CAPITA CONSUMPTION: 1901 TO 1957

[In gallons, except distilled spirits which is shown in tax gallons. For years ending June 30]

YEAR	DISTILLED SPIRITS			MALT LIQUORS			WINES		
	Total	Domes- tic	Im- ported	Total	Domes- tic	Im- ported	Total	Domes- tic	Im- ported
1901-1905 <sup>1</sup>	1.39	1.36	0.03	17.34	17.29	0.05	0.47	0.40	0.07
1906-1910 <sup>1</sup>	1.43	1.39	0.04	19.81	19.73	0.08	0.62	0.53	0.09
1915.....	1.26	1.23	0.03	18.40	18.37	0.03	0.33	0.27	0.06
1920.....	0.22	0.22	(?)	2.61	2.61	(?)	0.12	0.12	(?)
1925 <sup>1</sup> .....	0.09	0.09	(?)				0.03	0.03	(?)
1930 <sup>2</sup> .....	0.08	0.08	(?)				0.03	0.03	(?)
1935.....	0.70	0.67	0.03	10.45	10.44	0.01	0.30	0.28	0.02
1940.....	1.02	0.93	0.09	12.58	12.57	0.01	0.66	0.63	0.03
1945.....	1.22	1.05	0.17	18.86	18.79	0.07	0.73	0.70	0.03
1950.....	1.02	0.92	0.10	17.26	17.24	0.02	0.93	0.91	0.02
1951.....	1.23	1.09	0.14	16.97	16.95	0.02	0.87	0.84	0.03
1952.....	1.00	0.87	0.13	16.94	16.92	0.02	0.85	0.82	0.03
1953.....	1.10	0.96	0.14	16.79	16.76	0.03	0.90	0.86	0.04
1954.....	1.12	0.97	0.15	16.68	16.65	0.03	0.86	0.82	0.04
1955.....	1.07	0.92	0.15	16.13	16.09	0.04	0.89	0.85	0.04
1956.....	1.13	0.97	0.16	16.04	16.00	0.04	0.89	0.84	0.05
1957.....	1.17	0.99	0.18	15.54	15.49	0.05	0.89	0.86	0.03

<sup>1</sup> Average for the period. <sup>2</sup> Less than 0.005.

<sup>3</sup> Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

Source: Department of Commerce, Business and Defense Services Administration.

# No. 1040.—TOBACCO PRODUCTS—PRODUCTION AND AMOUNT OF LEAF TOBACCO CONSUMED IN MANUFACTURE: 1921 TO 1956

[Data relate to products manufactured in continental U. S. and exclude tobacco used in bonded manufacturing warehouses. Leaf tobacco figures represent the equivalent in unstemmed leaf tobacco of stemmed leaf or scraps, cuttings, and clippings. Tobacco used in the manufacture of cigars and cigarettes converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed. For other conversion ratios, see source. See also *Historical Statistics, 1789-1945*, series J 171 and J 174]

YEAR OR YEARLY AVERAGE	PRODUCTION					TOBACCO CONSUMED IN MANUFACTURE			
	Tobacco			Cigars	Cigarettes	Total	Cigars	Cigarettes	Tobacco
	Total	Smoking <sup>1</sup>	Other <sup>1</sup>						
	1,000 lb.	1,000 lb.	1,000 lb.	Millions	Millions	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1921-1925.....	409,457	239,151	170,307	7,249	65,921	672,077	151,421	198,069	322,588
1926-1930.....	389,244	235,421	153,824	6,775	109,372	762,540	149,240	312,533	300,767
1931-1935.....	349,785	239,072	110,713	4,894	121,723	740,934	112,296	345,985	282,052
1936-1940.....	344,381	241,561	102,770	5,340	174,121	878,722	124,700	492,296	261,726
1941-1945.....	327,473	217,829	109,644	5,583	285,499	1,182,914	133,383	821,311	228,221
1946-1950.....	242,865	148,725	94,140	5,603	376,694	1,367,515	133,056	1,071,586	162,873
1950.....	235,189	146,751	88,439	5,468	391,956	1,393,355	127,409	1,106,067	159,878
1951.....	227,151	140,412	85,739	5,664	418,803	1,464,663	129,819	1,184,633	150,211
1952.....	220,420	134,980	85,440	5,892	435,549	1,521,851	138,019	1,239,622	144,210
1953.....	209,368	124,738	84,630	5,973	423,070	1,519,930	139,682	1,243,860	136,388
1954.....	203,850	120,302	83,347	5,882	401,849	1,443,448	136,728	1,171,047	135,673
1955.....	199,120	115,998	83,152	5,834	412,309	1,473,359	133,946	1,202,817	137,096
1956.....	184,910	107,018	77,892	5,830	424,247	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Includes scrap chewing tobacco. <sup>2</sup> Comprises snuff, plug, twist, and fine-cut chewing.

<sup>3</sup> Not available.

Source: Treasury Department, Internal Revenue Service; annual reports.

## No. 1041.—SMOKING PATTERNS, BY AGE, COLOR, SEX, AND URBAN-RURAL RESIDENCE: 1955

[In thousands of persons 18 years old and over. Excludes Armed Forces and inmates of penal and mental institutions and inmates of homes for the aged, infirm, and needy. Data classified by smoking habits existing at time of interview (February 1955). Among smokers, the same person may be included in more than one category; e. g., smoke both cigarettes and cigars. Figures (except population) exclude persons not reporting on smoking habits. Based on Current Population Survey (see Technical Note, p. 201)]

AGE (IN YEARS), RESIDENCE, AND COLOR	MALE								FEMALE			
	Total per- sons	Non- smoker of cigar- ettes	Cigarette smoker		Cigar smoker		Pipe smoker		Total per- sons	Non- smoker of cigar- ettes	Cigarette smoker	
			Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>	Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>	Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>			Occa- sional <sup>1</sup>	Regu- lar <sup>2</sup>
<b>Total</b> .....	49,581	20,219	2,005	24,667	7,391	2,636	4,630	3,645	55,096	38,048	2,086	12,986
By color:												
White.....	44,870	18,452	1,691	22,387	6,772	2,343	4,310	3,370	49,645	34,393	1,793	11,737
Nonwhite.....	4,711	1,767	314	2,280	619	293	320	275	5,451	3,655	293	1,249
By residence:												
Urban.....	32,572	12,616	1,312	16,791	4,886	1,975	3,086	2,191	37,453	24,542	1,601	9,858
Rural nonfarm.....	10,466	4,339	403	5,187	1,593	469	1,040	822	11,473	8,210	369	2,542
Rural farm.....	6,553	3,264	290	2,689	912	192	504	632	6,170	5,296	116	586
By age:												
18 to 24.....	5,405	2,202	262	2,605	481	70	408	174	7,460	4,651	369	2,118
25 to 34.....	11,065	3,404	377	6,655	1,841	326	1,206	483	12,196	6,950	589	4,192
35 to 44.....	10,755	3,437	398	6,286	1,727	456	1,200	622	11,484	7,020	466	3,596
45 to 54.....	9,100	3,325	379	4,899	1,415	619	938	635	9,399	6,674	353	2,067
55 to 64.....	6,934	3,392	312	2,865	1,024	625	540	672	7,296	6,080	212	767
65 and over.....	6,322	4,459	277	1,357	903	540	338	1,059	7,261	6,673	97	246
<b>Percent</b> .....	100.0	40.8	4.0	49.8	14.9	5.3	9.3	7.4	100.0	69.1	3.8	23.6
By color:												
White.....	100.0	41.1	3.8	49.9	15.1	5.2	9.6	7.5	100.0	69.3	3.6	23.6
Nonwhite.....	100.0	37.5	6.7	48.4	13.1	6.2	6.8	5.8	100.0	67.1	5.4	22.9
By residence:												
Urban.....	100.0	38.7	4.0	51.5	15.0	6.1	9.5	6.7	100.0	65.5	4.3	26.3
Rural nonfarm.....	100.0	41.5	3.9	49.6	15.2	4.5	9.9	7.9	100.0	71.6	3.2	22.2
Rural farm.....	100.0	49.8	4.4	41.0	13.9	2.9	7.7	9.6	100.0	85.8	1.9	9.5
By age:												
18 to 24.....	100.0	40.7	4.8	48.2	8.9	1.3	7.5	3.2	100.0	62.3	4.9	28.4
25 to 34.....	100.0	30.8	3.4	60.1	16.6	2.9	10.9	4.4	100.0	57.0	4.8	34.4
35 to 44.....	100.0	32.0	3.7	58.4	16.1	4.2	11.2	5.8	100.0	61.1	4.1	31.3
45 to 54.....	100.0	36.5	4.2	53.8	15.5	6.8	10.3	7.0	100.0	71.0	3.8	22.0
55 to 64.....	100.0	48.9	4.5	41.3	14.8	9.0	7.8	9.7	100.0	83.3	2.9	10.5
65 and over.....	100.0	70.5	4.4	21.5	14.3	8.5	5.3	16.8	100.0	91.9	1.3	3.4

<sup>1</sup> Does not smoke daily, but smokes once in a while. <sup>2</sup> Smokes every day.

Source: Department of Health, Education, and Welfare, Public Health Service; *Tobacco Smoking Patterns in the United States*.



# No. 1042.—TOBACCO PRODUCTS—CONSUMPTION PER PERSON 15 YEARS OLD AND OVER: 1900 TO 1957

[In pounds (unstemmed processing weight). Beginning 1940, population base includes Armed Forces overseas. There are approximately 339 cigarettes, and 42.8 small cigars, per pound of tobacco]

YEAR	Total	Cigars	Cigarettes	Tobacco <sup>1</sup>	YEAR	Total	Cigars	Cigarettes	Tobacco <sup>1</sup>
1900.....	7.43	1.99	0.16	5.28	1945.....	12.46	1.26	9.15	2.05
1905.....	8.61	2.31	0.19	6.11	1946.....	12.20	1.37	9.24	1.59
1910.....	8.59	2.19	0.41	5.99	1947.....	11.95	1.29	9.16	1.50
1915.....	8.40	2.17	0.82	5.41	1948.....	12.12	1.31	9.35	1.46
1920.....	8.67	2.45	1.89	4.33	1949.....	11.93	1.16	9.33	1.44
1925.....	8.98	1.99	2.96	4.03	1950.....	11.96	1.18	9.36	1.42
1930.....	8.85	1.67	3.84	3.34	1951.....	12.48	1.19	9.98	1.31
1935.....	8.21	1.30	4.11	2.80	1952.....	12.02	1.26	10.41	1.25
1940.....	9.12	1.36	5.16	2.60	1953.....	12.90	1.26	10.46	1.18
1941.....	9.78	1.42	5.95	2.41	1954.....	12.11	1.22	9.73	1.16
1942.....	10.69	1.41	7.01	2.27	1955.....	11.94	1.21	9.58	1.15
1943.....	11.46	1.28	7.99	2.19	1956.....	11.69	1.20	9.82	1.07
1944.....	11.22	1.22	8.04	1.96	1957 (prel.).....	11.41	1.17	9.22	1.02

<sup>1</sup> Smoking and chewing tobaccos and snuff.

Source: Department of Agriculture, Agricultural Marketing Service; quarterly report, *Agricultural Economics Research*, Vol. VIII, No. 1, and records.

# No. 1043.—BROAD-WOVEN FABRICS—PRODUCTION, BY TYPE: 1947 TO 1957

[In thousands of linear yards; in terms of gray goods except woolen and worsted which are in terms of finished yardage. Fabrics composed of a mixture of fibers classified according to primary fiber content except as noted]

PRODUCT	1947	1950	1954	1955	1956	1957 (prel.)
<b>Total goods.....</b>	<b>12,371,120</b>	<b>13,105,067</b>	<b>12,518,039</b>	<b>13,119,399</b>	<b>12,932,649</b>	<b>12,135,292</b>
<b>Cotton woven goods over 12 inches in width, except tire fabrics.....</b>	<b>9,816,769</b>	<b>10,027,037</b>	<b>9,890,948</b>	<b>10,174,582</b>	<b>10,317,288</b>	<b>9,563,177</b>
Cotton duck.....	206,415	248,890	230,819	242,087	255,471	222,664
Sheeting and allied coarse and medium yarn fabrics.....	3,038,975	2,736,691	2,493,582	2,586,818	2,691,176	2,508,200
Print cloth yarn fabrics.....	3,229,025	3,663,449	4,039,169	3,967,718	3,888,061	3,755,241
Napped fabrics.....	502,393	412,965	233,143	240,600	240,844	208,955
Colored yarn fabrics.....	751,749	860,318	738,617	698,691	617,148	544,013
Fine cotton goods (all combed, part-combed, and fine carded goods).....	1,312,582	1,218,381	1,244,336	1,370,081	1,508,525	1,335,011
Towels, toweling, washcloths, and Terry-woven fabrics other than towels.....	408,606	453,662	455,088	502,298	562,638	541,033
Specialties and all other fabrics.....	367,024	432,681	447,194	557,289	553,425	448,060
<b>Rayon and acetate.....</b>	<b>1,976,835</b>	<b>2,406,205</b>	<b>1,730,904</b>	<b>1,928,162</b>	<b>1,626,181</b>	<b>1,454,620</b>
Pile, upholstery, drapery, tapestry, and tie fabrics.....	57,060	37,763	87,906	118,407	115,023	133,293
100 percent filament rayon and/or acetate fabrics.....	1,236,805	1,601,282	848,310	887,373	790,113	692,378
Flat fabrics.....	652,252	860,375	619,356	716,986	632,881	552,875
Twisted yarn fabrics.....	584,553	740,907	228,954	170,387	157,232	139,503
100 percent spun rayon and/or acetate fabrics.....	332,451	434,085	445,485	528,185	351,474	282,097
Combination filament and spun rayon and/or acetate fabrics.....	178,982	202,450	118,876	109,184	107,776	108,189
All other rayon mixtures.....	171,537	130,625	230,327	285,013	261,795	238,663
<b>Woolen and worsted <sup>1</sup>.....</b>	<b>515,843</b>	<b>470,513</b>	<b>234,231</b>	<b>317,586</b>	<b>325,158</b>	<b>292,601</b>
Apparel fabrics.....	448,388	390,638	262,369	297,744	311,411	278,211
Woolen.....	245,138	215,113	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Worsted.....	203,250	175,525	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Nonapparel fabrics.....	67,455	79,875	21,862	19,842	13,747	14,390
<b>Silk, nylon, glass, and other <sup>3</sup>.....</b>	<b>61,673</b>	<b>201,312</b>	<b>611,956</b>	<b>699,069</b>	<b>664,022</b>	<b>824,804</b>
Nylon fabrics, including mixtures.....	21,881	<sup>4</sup> 110,233	333,286	395,273	285,895	( <sup>2</sup> )
Silk fabrics, including mixtures.....	10,400	29,338	42,408	42,707	41,031	32,560
Other woven fabrics, not classified above.....	29,392	61,741	186,262	261,089	337,096	( <sup>2</sup> )

<sup>1</sup> Through 1950, comprises all fabrics containing more than 25 percent wool; beginning 1951, comprises fabrics containing 50 percent or more wool.

<sup>2</sup> Not available. <sup>3</sup> Includes fabrics made of acrylic, vinyl, protein, etc., fibers.

<sup>4</sup> Nylon mixtures not collected separately and included with other fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and *Facts for Industry*, Series M22T.

# No. 1044.—MILL CONSUMPTION OF COTTON, WOOL, MAN-MADE FIBERS, FLAX, AND SILK: 1920 TO 1956

[In millions of pounds, except per capita in pounds. Per capita figures based on population estimates of July 1, including Armed Forces overseas]

YEAR	COTTON <sup>1</sup>		WOOL (SCOURED BASIS) <sup>2</sup>		MAN-MADE FIBERS				FLAX <sup>5</sup>		SILK <sup>6</sup>	
					Rayon and acetate <sup>3</sup>		Other <sup>4</sup>					
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1920.....	2,822.8	26.51	314.2	2.95	8.7	0.08	-----	-----	13.3	0.12	38.8	0.36
1925.....	3,075.3	26.56	349.9	3.02	58.4	0.50	-----	-----	12.6	0.11	76.0	0.66
1930.....	2,616.6	21.26	263.2	2.14	119.3	0.97	-----	-----	15.6	0.13	80.6	0.65
1935.....	2,755.4	21.66	417.5	3.28	259.2	2.04	-----	-----	12.6	0.10	72.4	0.57
1940.....	3,959.1	29.97	407.9	3.09	482.1	3.65	4.4	0.03	12.1	0.09	47.6	0.36
1945.....	4,515.8	32.28	645.1	4.61	769.9	5.50	49.8	0.36	7.4	0.05	1.0	0.01
1950.....	4,682.7	30.87	634.8	4.18	1,351.6	8.91	140.5	0.93	10.9	0.07	10.5	0.07
1951.....	4,868.6	31.53	484.1	3.13	1,276.6	8.27	195.5	1.27	11.1	0.07	7.2	0.05
1952.....	4,470.9	28.48	466.4	2.97	1,215.5	7.74	249.1	1.59	6.7	0.04	12.6	0.08
1953.....	4,456.1	27.92	493.9	3.09	1,223.0	7.66	279.6	1.75	7.6	0.05	7.8	0.05
1954.....	4,127.3	25.41	384.1	2.37	1,154.8	7.11	328.7	2.02	7.0	0.04	8.5	0.05
1955 (prel.).....	4,382.4	26.51	413.8	2.50	1,419.2	8.59	432.1	2.61	8.0	0.05	11.0	0.07
1956 (prel.).....	4,362.6	25.94	440.7	2.62	1,201.1	7.14	482.9	2.87	7.9	0.05	12.7	0.08

<sup>1</sup> Reported by Bureau of the Census. For American cotton, tare of 22 pounds deducted from gross weight of bale produced in 1920; beginning 1925, tare as reported by Crop Reporting Board deducted. For foreign cotton, 15 pounds deducted.

<sup>2</sup> Reported by Bureau of the Census. Beginning 1950, excludes consumption of cotton and other spinning systems and consumption in batting and felt manufacture.

<sup>3</sup> From *Textile Organon*. Represents domestic shipments plus imports for consumption.

<sup>4</sup> From *Textile Organon*. Represents domestic production less exports plus imports for consumption.

<sup>5</sup> Through 1952, represents imports for consumption reported by Bureau of the Census plus estimated production by (a) Bureau of Plant Industry through 1945 and (b) Portland, Oreg., office of Agricultural Marketing Service, 1950 to 1952; beginning 1953, imports for consumption reported by Bureau of the Census.

<sup>6</sup> Compiled from reports of Bureau of the Census. Through 1930, general imports less reexports; beginning 1935, imports for consumption.

Source: Department of Agriculture, Agricultural Marketing Service; records. (Through 1954, published in Department of Commerce, Business and Defense Services Administration; *Wool and Man-Made Fibers in the United States*.)

## No. 1045.—TIRE CORD AND FABRICS—PRODUCTION, BY KIND: 1947 TO 1957

[In thousands of pounds]

PRODUCT	1947	1950	1954	1955	1956	1957 (prel.)
<b>Tire cord and fabrics.....</b>	<b>565,261</b>	<b>523,033</b>	<b>418,338</b>	<b>524,388</b>	<b>449,479</b>	<b>441,493</b>
<b>Man-made fibers.....</b>	<b>214,576</b>	<b>296,983</b>	<b>353,448</b>	<b>456,182</b>	<b>398,060</b>	<b>392,663</b>
Rayon tire cord, not woven.....	25,638	150,082	61,591	86,932	84,033	67,634
Rayon tire cord fabric, woven.....	188,938	246,901	267,793	319,875	248,629	246,165
Nylon tire cord and tire cord fabric.....	( <sup>1</sup> )	( <sup>1</sup> )	29,064	49,375	61,429	84,486
Chafer fabric and all other tire fabrics.....	-----	-----	( <sup>2</sup> )	( <sup>2</sup> )	3,969	4,378
<b>Cotton.....</b>	<b>350,685</b>	<b>226,050</b>	<b>59,890</b>	<b>68,206</b>	<b>51,419</b>	<b>48,830</b>
Tire cord and tire cord fabrics.....	285,076	165,395	12,716	16,399	10,759	9,275
Chafer fabric and all other tire fabrics.....	65,609	60,655	47,174	51,807	40,660	39,555

<sup>1</sup> Data for nylon included with rayon.

<sup>2</sup> Man-made fiber chafer fabric and all other tire fabrics included with rayon tire cord fabric woven in 1954, and with cotton chafer fabric and all other tire fabrics in 1955.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and *Facts for Industry*, Series M22T4.

**No. 1046.—COTTON AND MAN-MADE FIBER FABRICS, BLEACHED, DYED, OR PRINTED:  
1947 TO 1956**

[In millions of linear yards. Fabrics are classified by chief fiber content]

PRODUCT	1947	1950	1952	1953	1954	1955	1956 (prel.)
<b>Bleached, dyed, or printed goods</b> .....	8,915	9,329	9,803	9,647	9,595	10,502	10,188
Cotton.....	6,944	7,083	7,532	7,629	7,407	8,144	8,040
Man-made fiber fabrics and silk <sup>1</sup> .....	1,971	2,286	2,270	2,018	2,188	2,358	2,148
<b>Bleached and white finished goods</b> .....	3,815	3,467	3,598	3,560	3,377	3,668	3,850
Cotton.....	3,616	3,296	3,380	3,355	3,180	3,347	3,535
Man-made fiber fabrics and silk <sup>1</sup> .....	199	170	218	206	197	321	315
<b>Plain dyed and finished goods</b> .....	3,176	3,950	4,187	4,045	3,981	4,320	4,087
Cotton.....	1,757	2,166	2,413	2,454	2,308	2,671	2,572
Man-made fiber and silk <sup>1</sup> .....	1,419	1,784	1,774	1,591	1,673	1,649	1,515
<b>Printed and finished goods</b> <sup>2</sup> .....	1,924	1,912	2,017	2,042	2,237	2,514	2,281
Cotton.....	1,571	1,601	1,739	1,820	1,919	2,126	1,933
Man-made fiber fabrics and silk <sup>1</sup> .....	353	311	278	222	318	388	318

<sup>1</sup> Comprises fabrics made of rayon, acetate, nylon, silk, glass, acrylic fibers, etc.

<sup>2</sup> Includes roller, screen, flock and block printed fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and *Facts for Industry*, Series M16G.

**No. 1047.—COTTON-SYSTEM SPINDLE ACTIVITY, 1955 TO 1957, AND COTTON CONSUMPTION, 1953 TO 1957, BY REGION AND STATE**

[For years ending July 31. Consumption comprises domestic and foreign cotton and is in running bales, counting round as half bales, except foreign cotton which is in equivalent 500-pound bales]

REGION AND STATE	COTTON SPINDLES IN PLACE (1,000) <sup>1</sup>			SPINDLE HRS. CONSUMING 100% COTTON (millions)			COTTON CONSUMED, EXCLUDING LINTERS (1,000 bales)				
	1955	1956	1957	1955	1956	1957	1953	1954	1955	1956	1957
<b>United States</b> .....	22,273	21,903	21,195	113,447	117,748	112,108	9,424	8,576	8,841	9,141	8,728
By region:											
Cotton-growing States.....	19,027	19,069	18,782	103,188	106,963	103,982	8,731	8,011	8,358	8,638	8,320
New England.....	3,059	2,680	2,277	9,967	10,465	7,810	601	499	427	446	355
Other States.....	187	154	136	292	320	316	92	66	56	57	53
By State:											
Alabama.....	1,765	1,764	1,636	9,663	9,568	9,113	1,133	982	1,053	1,040	950
Connecticut.....	258	263	233	792	719	607	52	42	29	28	23
Georgia.....	3,164	3,133	3,055	16,998	17,131	16,290	1,914	1,704	1,767	1,781	1,688
Maine.....	599	516	509	2,423	2,489	2,092	189	172	160	164	150
Massachusetts.....	1,509	1,342	1,025	4,454	4,919	3,400	258	195	161	178	123
New York.....	40	36	29	40	38	36	22	8	7	7	6
North Carolina.....	5,994	6,030	5,880	29,891	32,161	31,259	2,673	2,396	2,511	2,637	2,642
Rhode Island.....	475	369	335	1,451	1,492	1,009	60	53	43	41	28
South Carolina.....	6,383	6,477	6,569	37,914	39,219	38,967	2,300	2,263	2,355	2,502	2,501
Tennessee.....	517	510	505	2,826	2,793	2,566	205	179	191	193	176
Texas.....	223	224	239	1,053	1,167	1,171	144	142	135	144	141
Virginia.....	689	668	646	3,666	3,945	3,719	197	194	207	222	213
All other States.....	657	571	534	2,276	2,107	1,879	277	246	222	204	187

<sup>1</sup> Comprises all cotton-system spindles in place regardless of fiber spun (includes idle spindles).

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

# No. 1048.—COTTON-SYSTEM SPINDLES, COTTON CONSUMPTION, AND STOCKS: 1900 TO 1957

[For years ending August 31 through 1910, July 31 thereafter. For 1946-55, spindles in place comprise all cotton-system spindles in place regardless of fiber spun. Prior to 1946, "in place" figure represents all spindles in place used exclusively for spinning cotton. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton for all years which is in equivalent 500-pound bales. See also *Historical Statistics, 1789-1945*, series J 179-180, for data on active cotton-system spindles in the U. S. and total cotton consumed including linters]

YEAR	COTTON-SYSTEM SPINDLES (1,000)					Spindle hours consuming 100% cotton (millions)	COTTON CONSUMED, EXCLUDING LINTERS (1,000 bales) <sup>2</sup>			
	Total in place	United States	Cotton-growing States	New England	Other States		United States	Cotton-growing States	New England	Other States
1900.....	( <sup>3</sup> )	19,472	4,368	13,171	1,933	( <sup>3</sup> )	3,873	1,523	1,909	440
1910.....	28,929	28,267	10,494	15,735	2,038	( <sup>3</sup> )	4,622	2,234	1,995	393
1920.....	35,834	35,481	15,231	18,287	1,963	( <sup>3</sup> )	6,420	3,583	2,397	440
1925.....	37,929	35,032	17,292	15,975	1,765	91,055	6,193	4,220	1,639	335
1930.....	34,025	31,245	18,586	11,351	1,308	87,515	6,106	4,749	1,143	214
1935.....	30,093	26,701	18,212	7,763	726	72,526	5,361	4,306	818	237
1940.....	24,750	23,586	17,641	5,279	666	97,006	7,784	6,647	918	219
1945.....	23,128	22,675	17,610	4,511	554	111,898	9,568	8,455	891	222
1950.....	22,995	21,790	17,673	3,789	378	109,243	8,851	8,030	664	157
1951.....	23,195	22,140	18,129	3,637	374	126,852	10,654	9,642	840	172
1952.....	23,205	21,298	18,119	2,927	252	106,932	9,120	8,443	559	118
1953.....	22,903	21,423	18,128	3,066	229	118,206	9,424	8,731	601	92
1954.....	22,694	20,626	17,957	2,522	147	109,705	8,576	8,011	499	66
1955.....	22,273	20,716	18,230	2,342	144	113,447	8,841	8,358	427	56
1956.....	21,903	20,557	18,283	2,140	134	117,748	9,141	8,638	446	57
1957.....	21,195	19,760	18,119	1,515	126	112,108	8,728	8,320	355	53

YEARLY AVERAGE OR YEAR	CONSUMPTION (1,000 bales)						STOCKS IN CONSUMING ESTABLISHMENTS AT END OF YEAR (1,000 bales)			
	Cotton, excluding linters					Linters	Cotton, excluding linters <sup>4</sup>			
	Total	Domestic					Total	Domestic	Foreign	Linters
		Total	Upland	Sea Island	American-Egyptian					
1906-1910.....	5,4,829	5,4,680	5,4,616	5,64	-----	149	5,163	5,731	5,673	5,39
1911-1915.....	5,257	5,051	5,4,976	75	( <sup>7</sup> )	206	293	822	738	84
1916-1920.....	6,388	6,105	5,6,034	71	( <sup>7</sup> )	282	734	1,462	1,352	100
1921-1925.....	5,869	5,577	5,5,331	9	37	292	599	1,003	911	92
1926-1930.....	6,735	6,434	6,419	1	15	301	815	1,150	1,050	100
1931-1935.....	5,466	5,325	5,311	1	14	140	720	1,116	1,061	55
1936-1940.....	6,938	6,799	6,780	2	18	139	836	7,133	7,060	74
1941-1945.....	10,301	10,151	10,105	3	42	149	1,399	10,354	10,233	121
1946-1950.....	9,038	8,829	8,820	1	8	209	1,243	4,678	4,570	108
1951-1955.....	9,323	9,195	9,177	1	17	128	1,376	6,103	6,020	83
1950.....	8,851	8,669	8,666	1	2	182	1,616	6,496	6,399	97
1951.....	10,654	10,487	10,452	1	34	167	1,396	2,144	2,032	112
1952.....	9,120	9,036	9,011	1	24	84	1,306	2,560	2,500	69
1953.....	9,424	9,292	9,280	1	11	132	1,359	5,346	5,252	94
1954.....	8,576	8,445	8,439	-----	6	131	1,324	9,473	9,398	75
1955.....	8,841	8,714	8,705	-----	9	127	1,474	10,985	10,920	65
1956.....	9,141	9,018	8,987	2	29	123	1,789	13,738	13,699	39
1957.....	8,728	8,661	8,591	3	67	67	1,438	11,026	10,987	39

<sup>1</sup> For 1945 and earlier years data represent sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated. Beginning with 1947, active figure comprises cotton-system spindles active last day of year, regardless of type of fiber spun. On July 31, 1957, there were 18,072,000 spindles active on cotton, 1,271,000 on synthetics, 417,000 on other fibers and blends, and 1,435,000 idle.

<sup>2</sup> Includes linters through 1908. Figures for all years include foreign and domestic cotton.

<sup>3</sup> Not available.

<sup>4</sup> Includes stocks held in public storage and at compresses beginning 1938.

<sup>5</sup> Includes linters for 1906 to 1908. <sup>6</sup> Average, 1909 and 1910.

<sup>7</sup> "Upland" includes "American-Egyptian" 1912 to 1920.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

**No. 1049.—WOOL—STOCKS, PRODUCTION, PRICE, IMPORTS, AND EXPORTS:  
1926 TO 1957**

ITEM	1926-1930, average	1931-1935, average	1936-1940, average	1941-1945, average	1946-1950, average	1951-1955, average
Sheep and lambs shorn.....1,000.....	39,753	45,891	45,069	45,366	29,402	27,664
Weight per fleece.....pound.....	7.8	8.0	8.0	7.9	8.1	8.4
Shorn wool production.....1,000 lb.....	310,682	366,368	360,583	360,191	238,789	232,705
Price per pound <sup>1</sup> .....cents.....	30.0	16.8	25.7	40.3	49.0	60.4
Pulled wool production.....1,000 lb.....	53,600	64,780	64,680	68,340	46,500	37,360
Apparel wool, grease basis:						
Total production.....do.....	364,282	431,148	425,263	428,531	285,289	270,065
Imports, less reexports <sup>2</sup> .....do.....	107,538	37,404	122,583	<sup>3</sup> 656,091	<sup>3</sup> 466,246	279,946
Exports, domestic <sup>4</sup> .....do.....	300	122	412	12,869	10,491	2,535
Total new supply <sup>5</sup> .....do.....	471,520	468,430	547,434	<sup>1</sup> 1,071,753	<sup>3</sup> 740,740	547,475
Carpet wool, imports <sup>2</sup> .....do.....	134,601	100,881	132,977	100,058	254,679	162,038

ITEM	1952	1953	1954	1955	1956	1957 (prel.)
Stocks of apparel wool, April 1 <sup>6</sup> .....1,000 lb.....	130,831	163,100	149,696	159,671	145,666	115,160
Sheep and lambs shorn.....1,000.....	28,051	27,845	27,692	27,383	28,502	28,508
Weight per fleece.....pound.....	8.3	8.3	8.5	8.6	8.4	8.3
Shorn wool production.....1,000 lb.....	223,309	232,258	235,807	234,058	238,566	235,366
Price per pound <sup>1</sup> .....cents.....	54.1	<sup>7</sup> 53.2	<sup>7</sup> 53.2	42.6	44.2	<sup>8</sup> 54.4
Pulled wool production.....1,000 lb.....	33,600	42,200	43,500	41,600	40,500	33,600
Apparel wool, grease basis:						
Total production.....do.....	266,909	274,458	279,307	275,658	279,069	268,966
Imports, less reexports <sup>2</sup> .....do.....	379,677	260,804	169,630	169,054	151,839	111,713
Exports, domestic <sup>4</sup> .....do.....	<sup>6</sup> 81	<sup>6</sup> 2,329	3,718	6,338	12,126	12,161
Total new supply <sup>5</sup> .....do.....	646,555	532,933	435,169	438,374	418,782	368,528
Carpet wool, imports <sup>2</sup> .....do.....	165,269	188,046	144,767	185,958	193,217	161,975

<sup>1</sup> Price received by farmers. Weighted season average 1946 to date, weighted calendar average earlier years. Season April-March.

<sup>2</sup> Actual weight. Imports for consumption beginning 1934, general imports prior thereto. For 1941 and earlier years, carpet wool includes only Donskoi, Smyrna, East Indian, Chinese, and similar wools without merino or English blood, and through 1933, includes camel hair; apparel wool includes all other wools. For 1942 and thereafter, carpet wool includes all duty-free wool and apparel wool includes all dutiable wool.

<sup>3</sup> For 1942-1946, excludes a total of 506 million pounds of duty-free wool imported and stored in this country largely for the British Government, and later re-exported; not available to domestic mills.

<sup>4</sup> Includes hair of angora goat, alpaca, and other like animals. Includes a small amount of carpet wool beginning 1943.

<sup>5</sup> Production, minus exports, plus imports; stocks not taken into consideration. <sup>6</sup> Scoured basis.

<sup>7</sup> Includes an allowance for wool under loan.

<sup>8</sup> Weighted average price for wool sold April 1957-January 1958.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*. Exports and imports from Department of Commerce, Bureau of the Census.

**No. 1050.—WOOL CONSUMED IN MANUFACTURES: 1925 TO 1957**

[In millions of pounds. Scoured wool, plus greasy wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled. See also *Historical Statistics, 1789-1945*, series J 176]

SCOURED BASIS			YEAR	SCOURED BASIS			YEAR	SCOURED BASIS		
Total <sup>1</sup>	Ap- parel class <sup>2</sup>	Car- pet class		Total <sup>1</sup>	Ap- parel class <sup>2</sup>	Car- pet class		Total <sup>1</sup>	Ap- parel class <sup>2</sup>	Car- pet class
1925.....	349.9	251.7	98.2	1947.....	698.3	525.9	172.4	1953.....	494.0	358.0
1930.....	253.2	200.7	62.5	1948.....	693.1	485.2	207.9	1954.....	380.8	266.3
1935.....	417.5	319.0	98.5	1949.....	500.4	339.0	161.4	1955.....	413.8	281.2
1940.....	407.9	310.0	97.9	1950.....	634.8	436.9	197.9	1956.....	440.7	296.6
1945.....	645.1	589.2	55.9	1951.....	484.1	382.1	102.0	1957 (prel.)	371.8	242.9
1946.....	737.5	609.6	127.9	1952.....	466.4	346.8	119.6			

<sup>1</sup> Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

<sup>2</sup> Beginning 1946, includes raw wool consumed on woolen and worsted systems only. Raw wool consumed on cotton and other systems and by felt and batting manufactures amounted to about 10 million pounds in 1946.

Source: Department of Commerce, Bureau of the Census; monthly data are published in *Facts for Industry*, Series M22D.

# No. 1051.—WOOL MANUFACTURING EQUIPMENT IN PLACE, 1947 TO 1956, AND BY REGION AND STATE, 1956

[Data as of end of year, except as noted. Machinery in place is that which is set up in operating position]

YEAR, REGION, AND STATE	Worsted combs	Woolen spinning spindles	Worsted spinning spindles	Woolen and worsted looms	WOOL CARPET AND RUG LOOMS	
					Broad	Narrow
1947.....	2,656	1,561,198	1,920,542	38,572	2,329	3,354
1948.....	2,679	1,535,127	1,863,335	38,146	2,359	3,209
1949.....	2,720	1,423,860	1,836,744	37,493	2,307	2,901
1950.....	2,808	1,308,139	1,814,430	36,337	2,338	2,556
1951.....	2,859	1,233,468	1,811,394	34,817	2,245	2,219
1952.....	2,694	1,127,077	1,691,088	33,811	2,226	2,262
1953 <sup>1</sup> .....	2,738	1,067,328	1,651,356	31,008	2,209	2,262
1954.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5,411	( <sup>2</sup> )
1955.....	2,092	817,254	925,736	21,734	( <sup>2</sup> )	( <sup>2</sup> )
1956						
United States.....	1,901	750,437	809,022	19,389	( <sup>2</sup> )	( <sup>2</sup> )
New England.....	1,131	350,325	359,372	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Connecticut.....	( <sup>3</sup> )	56,678	16,096			
Maine.....		55,892	15,856			
Massachusetts.....	592	149,858	79,352			
New Hampshire.....	( <sup>3</sup> )	45,115	36,952			
Rhode Island.....	467	18,976	211,116			
Vermont.....		23,806				
Middle Atlantic.....	308	172,839	126,538			
New Jersey.....	( <sup>3</sup> )	30,708	49.5			
New York.....	( <sup>3</sup> )	74,338	( <sup>3</sup> )			
Pennsylvania.....	138	67,793	56,240			
Southern <sup>4</sup> .....	433	149,674	275,996			
North Central <sup>5</sup> .....	( <sup>3</sup> )	64,049	( <sup>3</sup> )			
Western <sup>6</sup> .....	( <sup>3</sup> )	13,550	( <sup>3</sup> )			

<sup>1</sup> End of June, except woolen and worsted looms.

<sup>2</sup> Not available.

<sup>3</sup> Not shown separately to avoid disclosure of individual company data.

<sup>4</sup> Ala., Del., Ga., Ky., N. C., S. C., Tenn., Texas, Va., W. Va., Md., and Okla.

<sup>5</sup> Ill., Ind., Iowa, Mich., Minn., Mo., Ohio, S. Dak., and Wis.

<sup>6</sup> Calif., Oreg., Utah, Wash., and Wyo.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M22E, and a special tabulation from Series M22T.

# No. 1052.—KNIT GOODS: CLOTH, UNDERWEAR, AND OUTERWEAR—PRODUCTION BY TYPE: 1947 TO 1956

PRODUCT	Unit	1947	1950	1953	1954	1955	1956
Knit cloth for sale <sup>1</sup> .....	Million lb.....	152.6	162.8	164.2	165.0	181.9	176.1
Warp knit fabrics.....	do.....	41.5	47.2	47.2	49.5	54.9	48.3
Circular knit fabrics.....	do.....	111.1	115.6	116.9	115.5	127.0	127.8
Knit underwear and nightwear:							
Made from warp knit fabrics, all fibers.....	1,000 doz.....	7,708	16,617	24,793	25,701	( <sup>2</sup> )	( <sup>3</sup> )
Made from circular knit fabrics:							
Rayon, silk, and synthetics.....	do.....	10,932	12,371	9,342	12,176		
Cotton and wool.....	do.....	40,557	43,271	44,945	43,580		
Knit outerwear:							
Sweaters, jackets, and jerseys.....	do.....	6,677	8,733	8,921	9,041	10,119	11,539
Bathing suits and trunks.....	do.....	500	328	348	315	330	378
Knit headwear and neckwear.....	do.....	1,556	1,599	1,916	1,314	1,426	1,558

<sup>1</sup> Beginning 1950, represents shipments.

<sup>2</sup> Excludes men's nightwear.

<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and *Facts for Industry*, Series M22K and M23A.

No. 1053.—WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR—SELECTED GARMENTS  
CUT: 1947 TO 1957

TYPE OF GARMENT	Unit	1947	1950	1954	1955	1956 (prel.)	1957 (prel.)
Blouses.....	1,000 dozens.....	7,496	10,764	12,686	14,889	13,492	13,664
Unit price dresses.....	1,000 units.....	127,791	139,607	137,589	150,445	153,002	154,970
Dozen price dresses.....	1,000 dozens.....	75,456	9,097	9,215	9,162	8,574	8,520
Suits.....	1,000 units.....	14,352	18,048	12,138	13,638	12,213	11,900
Skirts.....	1,000 dozens.....	2,020	4,784	5,773	6,575	7,258	7,770
Untrimmed coats.....	1,000 units.....	18,956	22,598	21,042	22,526	23,100	23,960
Fur-trimmed coats.....	do.....	1,924	2,105	1,541	1,469	1,472	1,720

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M23A.

No. 1054.—MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1947 TO 1957

TYPE OF GARMENT	Unit	1947	1950	1954	1955	1956 (prel.)	1957 (prel.)
Suits.....	1,000 units.....	28,882	27,145	21,469	23,857	24,269	23,730
Men's.....	do.....	26,428	23,695	18,152	20,280	20,888	20,100
Boys'.....	do.....	2,454	3,450	3,317	3,577	3,381	3,630
Separate trousers.....	do.....	60,905	65,819	56,088	67,355	72,322	70,800
Separate coats.....	do.....	5,286	8,855	7,952	10,234	11,256	12,410
Men's and youths'.....	do.....	4,760	7,039	5,743	7,932	8,864	9,650
Boys'.....	do.....	526	1,816	2,209	2,302	2,392	2,760
Dress and sport shirts, men's.....	1,000 dozens.....	17,042	18,100	19,909	21,757	22,395	20,900
Overalls.....	do.....	6,807	9,824	9,273	9,753	8,874	8,540
Men's and youths'.....	do.....	4,241	6,100	5,103	4,854	4,491	(2)
Boys'.....	do.....	2,566	3,724	4,170	4,899	4,383	(2)
Work shirts (includes flannel).....	do.....	5,815	5,796	5,290	5,067	5,284	4,720
Men's.....	do.....	4,959	5,471	4,754	4,557	4,800	4,300
Boys'.....	do.....	856	325	536	510	484	420

<sup>1</sup> Men's only.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; monthly data published in *Facts for Industry*, Series M23B.

No. 1055.—SHOES AND SLIPPERS—PRODUCTION, BY CLASS: 1947 TO 1957

[In thousands of pairs. Excludes rubber footwear]

CLASS	1947	1950	1954	1955	1956 (prel.)	1957 (prel.)
Shoes and slippers.....	484,964	522,532	530,367	585,369	588,479	593,611
Footwear, except slippers.....	437,312	464,506	473,463	517,300	521,452	529,158
Shoes and sandals.....	429,923	456,611	465,173	509,207	511,293	516,287
Men's.....	<sup>1</sup> 107,486	103,361	94,712	103,661	106,707	104,411
Youths' and boys'.....	19,829	16,721	19,684	22,097	21,937	24,243
Women's.....	<sup>2</sup> 212,381	236,059	245,071	270,908	271,525	275,500
Misses'.....	27,028	32,706	36,894	40,755	40,612	39,478
Children's.....	27,035	29,173	31,939	33,784	33,506	35,045
Infants'.....	<sup>3</sup> 21,664	24,747	36,873	38,002	37,006	37,610
Babies'.....	14,502	13,844				
Athletic shoes.....	4,233	3,644	3,529	4,723	6,038	5,900
Other footwear.....	3,156	4,251	4,761	3,370	4,121	6,971
Slippers for housewear.....	47,652	58,026	56,904	68,069	67,027	64,453

<sup>1</sup> Includes 743,000 pairs of men's, youths' and boys' playshoes.

<sup>2</sup> Includes 29,565,000 pairs of women's and misses' playshoes.

<sup>3</sup> Includes 753,000 pairs of infants' and babies' playshoes.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports, and *Facts for Industry*, Series M31A.

## No. 1056.—HOSIERY—PRODUCTION, BY TYPE: 1950 TO 1957

[In thousands of dozens of pairs]

TYPE	1950	1953	1954	1955	1956	1957
<b>Total, all types</b> .....	<b>160,486</b>	<b>158,788</b>	<b>151,818</b>	<b>151,996</b>	<b>145,682</b>	<b>145,048</b>
Women's full-fashioned, total.....	51,585	50,657	48,832	47,250	43,856	37,949
Nylon.....	51,032	50,334	48,537	46,981	43,624	37,746
Other.....	553	323	295	269	232	203
Seamless, total.....	108,901	108,131	102,986	104,746	101,826	107,099
Women's seamless, total.....	7,449	8,552	9,742	12,655	16,318	19,747
Nylon.....	4,303	6,272	7,845	10,662	14,604	18,669
Rayon.....	1,161	713	680	566	409	262
Cotton.....	1,619	1,259	1,095	1,209	1,052	745
Other.....	366	308	222	218	253	71
Men's full-fashioned.....	35	36	38	25	22	(1)
Men's seamless half-hose, total.....	14,019	11,904	9,976	8,884	8,044	6,997
Nylon.....	605	503	1,159	1,134	1,389	966
Rayon.....	4,281	2,641	1,481	1,178	937	762
Cotton.....	7,271	6,723	5,762	5,375	4,707	4,347
Wool.....	1,862	2,030	1,552	1,143	941	818
Synthetics, other.....		7	22	54	70	104
Men's slack socks, total.....	32,434	31,525	31,905	32,421	29,044	28,209
Nylon.....	3,038	5,163	8,025	9,466	8,924	9,546
Rayon.....	7,802	5,178	3,809	2,974	2,611	2,549
Cotton.....	20,291	19,820	18,935	18,261	15,729	20,075
Wool.....	1,303	1,134	999	1,543	1,624	1,643
Synthetics, other.....		230	137	157	156	396
Cotton bundle goods.....	5,511	4,291	4,426	4,326	4,535	3,988
Woolen bundle goods.....	1,547	1,267	1,098	1,421	1,575	1,428
Athletic socks.....	2,354	1,797	1,798	2,106	2,086	2,606
Crew socks.....	3,082	2,966	2,366	2,148	2,133	2,430
Children's and infants'.....	9,465	9,771	8,118	8,563	8,251	8,600
Anklets, total.....	32,557	35,790	33,381	32,108	29,770	26,327
Misses' and women's.....	14,183	15,279	13,809	12,847	11,448	11,425
Men's and boys'.....	4,190	5,351	5,436	5,168	4,498	4,488
Children's.....	8,130	9,449	9,621	9,490	9,298	7,784
Infants'.....	6,054	5,711	4,515	4,603	4,526	5,630
Women's and misses' socks <sup>4</sup> .....						767
All other.....	448	232	138	89	48	

<sup>1</sup> Men's full-fashioned included with men's seamless half-hose.<sup>2</sup> Men's anklets included with men's slack socks.<sup>3</sup> Infants' socks included with infants' anklets.<sup>4</sup> Included with misses' and women's anklets prior to 1957.Source: National Association of Hosiery Manufacturers New York, N. Y., and Charlotte, N. C.; published annually in *Hosiery Statistics*.No. 1057.—LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK:  
1937 TO 1957

[Cattle hide and side kip in thousands of hides and kips; other figures in thousands of skins]

YEAR	Cattle hide	Calf and whole kip	Goat and kid	Sheep and lamb <sup>1</sup>	YEAR	Cattle hide <sup>2</sup>	Calf and whole kip	Goat and kid	Sheep and lamb <sup>1</sup>
1937.....	22,380	12,027	46,554	34,077	1948.....	26,070	10,480	37,970	33,492
1938.....	19,047	12,991	31,905	28,675	1949.....	23,332	10,173	34,774	28,644
1939.....	22,095	14,027	40,419	38,914	1950.....	24,383	10,659	37,203	31,397
1940.....	21,070	11,387	37,697	37,920	1951.....	22,703	7,955	31,111	24,504
1941.....	28,121	13,098	45,373	51,915	1952.....	22,694	9,960	30,418	27,902
1942.....	30,828	12,264	41,127	53,629	1953.....	24,070	9,958	32,154	28,264
1943.....	25,656	11,112	37,351	59,891	1954.....	24,210	9,366	26,496	23,796
1944.....	26,152	10,930	34,653	55,296	1955.....	25,832	10,393	26,109	26,434
1945.....	27,566	11,636	24,026	52,450	1956.....	25,908	8,546	25,103	27,241
1946.....	27,032	10,882	24,137	47,971	1957.....	25,511	9,217	22,336	25,665
1947.....	28,824	12,471	37,188	36,535					

<sup>1</sup> Includes the flesh side leather of split sheepskins (fleshers) and excludes the grain leather (skivers).<sup>2</sup> Beginning 1954 includes also side kip.Source: Tanners' Council of America. Monthly figures published in *Survey of Current Business*.



# No. 1058.—RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1945 TO 1957

[In tons of 2,240 pounds. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises GR-S, Neoprene, Butyl, and Butadiene-Acrylonitrile; reclaimed comprises both natural and synthetic rubber reclaims]

ITEM	1945	1950	1953	1954	1955	1956	1957
<b>New supply</b> .....	1,209,761	1,618,108	1,807,171	1,495,054	1,945,733	1,953,788	1,952,099
Domestic production.....	1,064,218	789,190	1,143,991	879,940	1,296,382	1,366,378	1,392,072
Natural.....	536						
Reclaimed.....	243,309	313,005	295,550	257,088	325,914	286,804	273,899
Synthetic.....	820,373	476,184	848,441	622,852	970,468	1,079,574	1,118,173
Imports.....	145,543	828,918	663,180	615,114	649,351	587,410	560,027
Natural.....	135,136	802,138	647,614	597,200	637,577	579,217	553,043
Reclaimed.....	(1)	1,059	2,786	1,013	735	416	168
Synthetic.....	10,407	25,721	12,780	16,901	11,039	7,777	6,826
<b>Distribution</b> .....	1,143,979	1,590,324	1,665,954	1,529,853	1,960,813	1,881,491	1,958,127
Domestic consumption.....	1,040,045	1,652,290	1,623,359	1,482,061	1,842,480	1,707,029	1,731,492
Natural.....	105,429	720,268	553,473	596,285	634,800	562,088	538,761
Reclaimed.....	241,036	303,733	285,050	249,049	312,781	270,547	266,852
Synthetic.....	693,580	538,289	784,836	636,727	894,899	874,394	925,879
Exports.....	103,934	28,034	42,595	47,792	118,333	174,462	226,635
Natural.....	6,743	8,640	8,376	7,443	10,611	11,302	10,146
Reclaimed.....	13,413	11,741	11,597	10,232	13,988	13,832	13,021
Synthetic.....	83,778	7,653	22,622	30,117	93,734	149,328	203,468
<b>Stocks, end of year</b> <sup>2</sup> .....	350,324	177,681	320,480	285,684	279,342	354,284	329,309
Natural.....	118,715	89,215	112,316	104,543	110,105	116,469	101,401
Reclaimed.....	28,155	35,708	32,319	30,746	31,498	34,966	29,323
Synthetic <sup>3</sup> .....	203,454	52,758	175,845	150,395	137,739	202,846	198,585

<sup>1</sup> Less than 0.5 long tons.

<sup>2</sup> Differences between "new supply" and "distribution" not precisely comparable with "stocks" due to year-end and inventory adjustments. <sup>3</sup> Includes stocks shipped for export which had not yet cleared port.

Source: Department of Commerce, Business and Defense Services Administration. Monthly data published in *Survey of Current Business*.

# No. 1059.—SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP: 1954 TO 1956

[Production and sales in millions of pounds; sales value in millions of dollars]

GROUP	1954			1955			1956		
	Pro- duc- tion	Sales	Sales value	Pro- duc- tion	Sales	Sales value	Pro- duc- tion	Sales	Sales value
<b>Synthetic organic chemicals</b> .....	28,445	15,732	3,977	35,206	19,469	4,835	40,752	20,742	5,116
<b>Cyclic</b> .....	9,174	5,764	1,970	12,123	7,582	2,486	13,069	7,954	2,567
Intermediates.....	4,614	1,793	320	6,016	2,285	408	6,900	2,555	444
Dyes.....	143	137	160	168	168	184	152	155	185
Color index.....	101	95	84	119	111	97	109	112	99
Prototype.....	29	30	50	33	30	54	28	28	51
Ungrouped.....	13	13	27	16	15	33	15	15	36
Toners and lakes.....	40	35	54	44	38	64	41	33	58
Medicinals.....	49	40	400	62	51	436	66	53	474
Flavor and perfume materials.....	22	18	27	24	20	31	25	21	33
Plastics and resin materials.....	1,588	1,331	360	2,021	1,650	439	2,018	1,655	455
Rubber-processing chemicals.....	110	85	51	148	121	70	141	111	67
Elastomers (synthetic rubbers).....	973	1,029	242	1,643	1,644	402	1,808	1,680	403
Plasticizers.....	228	186	57	296	253	72	315	244	73
Surface-active agents.....	640	577	120	641	601	136	752	690	110
Pesticides and other organic agricul- tural chemicals.....	358	279	102	429	354	126	474	343	135
Miscellaneous.....	409	255	77	629	410	117	677	414	130
<b>Acyclic</b> .....	19,271	9,968	2,007	23,083	11,888	2,349	27,684	12,788	2,549
Medicinals.....	17	13	26	17	18	29	24	20	32
Flavor and perfume materials.....	13	13	20	18	16	22	19	18	22
Plastics and resin materials.....	1,240	1,166	495	1,718	1,669	638	1,959	1,810	687
Rubber-processing chemicals.....	20	16	12	29	22	15	26	21	13
Elastomers (synthetic rubbers).....	462	468	194	440	425	170	506	476	185
Plasticizers.....	73	62	25	100	85	32	101	88	34
Surface-active agents.....	386	336	76	389	361	93	396	357	98
Pesticides and other organic agricultural chemicals.....	62	57	22	77	61	27	96	57	38
Miscellaneous.....	16,999	7,837	1,186	20,296	9,330	1,322	24,556	9,942	1,440

Source: U. S. Tariff Commission; annual report, *Synthetic Organic Chemicals, United States Production and Sales*.

## No. 1060.—CHEMICALS—PRODUCTION, BY KIND: 1947 TO 1957

[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, but excludes data for Government-owned privately operated plants, except as noted]

CHEMICAL	Unit	1947	1950	1955	1956	1957 (prel.)
Ammonia, synthetic anhydrous	1,000 sh. tons	1,114	1,566	3,252	3,378	3,711
Ammonium nitrate, original solution (100% $\text{NH}_4\text{NO}_3$ ) <sup>1</sup>	do	1,087	1,214	1,842	2,204	2,566
Ammonium sulfate, synthetic (technical) <sup>2</sup>	do	196	1,138	1,173	1,096	1,045
Calcium carbide (commercial)	do	607	671	875	1,025	1,016
Calcium phosphate, dibasic (100% $\text{CaHPO}_4$ )	Short tons	41,323	53,046	164,539	147,013	172,131
Carbon, activated <sup>3</sup>	do	35,548	37,921	48,518	53,469	52,638
Carbon dioxide: Liquid and gas and solid (dry ice) <sup>4</sup>	do	477,800	639,906	797,266	812,636	878,983
Chlorine, gas <sup>5</sup>	1,000 sh. tons	1,443	2,084	3,421	3,798	3,917
Chrome green (C. P.)	Short tons	6,991	7,688	6,586	5,238	4,694
Chrome yellow and orange (C. P.)	do	23,235	27,098	27,059	25,827	24,805
Hydrochloric acid (100% $\text{HCl}$ )	do	442,558	618,784	838,249	906,348	926,754
Hydrofluoric acid, anhydrous and technical (100% $\text{HF}$ )	do	27,933	35,174	66,637	78,126	84,796
Hydrogen	Mil. cu. ft.	21,185	45,163	63,831	38,167	40,949
Methanol (natural) (100% $\text{CH}_3\text{OH}$ )	1,000 gallons	2,598	2,082	2,200	2,281	1,956
Molybdate chrome orange (C. P.)	Short tons	2,238	3,905	6,289	6,087	5,964
Nitric acid (100% $\text{HNO}_3$ ) <sup>1</sup>	1,000 sh. tons	1,189	1,336	2,592	2,592	2,821
Oxygen	Mil. cu. ft.	14,429	17,848	29,300	31,990	30,507
Phosphoric acid, total (50% $\text{H}_3\text{PO}_4$ )	1,000 sh. tons	1,013	1,641	3,631	3,816	4,282
Silver nitrate (100% $\text{AgNO}_3$ )	1,000 ounces	38,336	55,549	65,955	71,047	69,002
Soda ash (commercial sodium carbonate): Synthetic (58% $\text{Na}_2\text{O}$ ) <sup>7</sup>						
Total crude bicarbonate equivalent <sup>8</sup>	1,000 sh. tons	4,525	3,991	4,007	4,098	4,651
Finished light <sup>9</sup>	do	2,207	2,050	2,701	2,655	2,489
Finished dense	do	1,629	1,410	1,769	1,935	1,830
Natural ( $\text{Na}_2\text{CO}_3$ equivalent) <sup>10</sup>	do	276	338	689	655	677
Sodium bicarbonate (refined) (58% $\text{Na}_2\text{O}$ )	Short tons	124,611	101,365	112,429	105,463	97,943
Sodium bichromate and chromate	do	90,285	89,829	118,524	120,785	106,595
Sodium hydroxide (caustic soda): Liquid (100% $\text{NaOH}$ ) <sup>11</sup>	1,000 sh. tons	2,103	2,511	3,915	4,217	4,320
Solid (100% $\text{NaOH}$ )	do	493	438	516	584	537
Sodium phosphate: Dibasic (100% $\text{Na}_2\text{HPO}_4$ )	Short tons	78,806	158,756	29,417	25,191	27,208
Tribasic (100% $\text{Na}_3\text{PO}_4$ )	do	88,568	66,801	51,846	49,204	47,668
Meta (100% $\text{NaPO}_3$ )	do	30,460	39,412	57,597	59,436	60,842
Tetra (100% $\text{Na}_4\text{P}_2\text{O}_7$ )	do	56,641	85,657	102,761	102,469	104,053
Tripoly (100% $\text{Na}_3\text{P}_3\text{O}_{10}$ ) <sup>(12)</sup>	do	233,034	556,337	587,215	632,404	632,404
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous)	do	492,837	486,203	629,168	631,035	608,807
Sodium sulfate: Anhydrous (refined) (100% $\text{Na}_2\text{SO}_4$ )	do	134,969	184,254	256,549	248,039	292,720
Glauber's salt (100% $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ ) <sup>10</sup>	do	202,285	185,626	149,177	143,300	117,708
Salt cake (crude) (commercial) <sup>11</sup>	do	693,517	561,395	737,599	763,274	727,292
Sulfuric acid, gross (100% $\text{H}_2\text{SO}_4$ ) <sup>14</sup>	1,000 sh. tons	10,780	13,029	16,255	16,495	16,219
Zinc yellow (zinc chromate) (C. P.)	Short tons	3,476	4,565	6,383	6,528	7,163

<sup>1</sup> Beginning 1955 includes data for Government-owned privately operated plants.

<sup>2</sup> Excludes byproduct coke-oven production. Data for 1950 and 1955 include synthetic ammonium sulfate produced in coke plants.

<sup>3</sup> Includes data for decolorizing and water purification grades only.

<sup>4</sup> Liquid and gas excludes quantities produced and consumed in the same plants manufacturing soda ash.

<sup>5</sup> Total production including quantities liquefied for use, storage, or shipment.

<sup>6</sup> Excludes quantities produced and consumed in manufacture of methanol and ammonia but includes an unspecified amount of hydrogen produced for sale or interplant transfer to plants consuming this gas in production of ammonia.

<sup>7</sup> Ammonia soda and caustic carbonation processes.

<sup>8</sup> Includes quantities diverted to manufacture of caustic soda and sodium bicarbonate and quantities processed to finished light and finished dense soda ash.

<sup>9</sup> Excludes quantities converted to finished dense soda ash.

<sup>10</sup> Collected in cooperation with Bureau of Mines.

<sup>11</sup> Liquid production figures represent total production for electrolytic and lime soda processes, including quantities later evaporated to solid caustic and reported as such.

<sup>12</sup> Represents quantities produced only for sale or interplant transfer.

<sup>13</sup> Not available.

<sup>14</sup> Includes sulfuric acid of oleum grades.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports; 1950-57 compiled from manufacturers' reports and published in *Facts for Industry*, Series M28A.

# No. 1061.—INDUSTRIAL EXPLOSIVES SOLD FOR CONSUMPTION IN THE UNITED STATES: 1930 TO 1956

[In thousands of pounds. Excludes exports]

YEAR	Total	Per- mis- sible explo- sives <sup>1</sup>	High explo- sives other than permis- sible	Black blast- ing pow- der	USE	Total	Per- mis- sible explo- sives <sup>1</sup>	High explo- sives other than permis- sible	Black blast- ing pow- der
					1955 (prel.).....	2 806, 878	93, 718	687, 226	6, 624
1930.....	445, 090	53, 826	201, 391	99, 873	Coal mining.....	4 239, 095	92, 657	123, 651	3, 539
1935.....	308, 381	39, 170	200, 324	68, 888	Metal mining.....	168, 628	125	168, 483	20
1940.....	423, 369	58, 436	305, 180	59, 754	Quarrying and nonmetallic mineral mining.....	5 196, 533	754	195, 185	532
1945.....	457, 311	97, 407	322, 956	36, 948	Railway and other construction work.....	189, 082	104	187, 456	1, 522
1946.....	536, 315	100, 258	399, 233	36, 824	All other purposes.....	13, 540	78	12, 451	1, 011
1947.....	2 651, 391	122, 349	476, 017	36, 464					
1948.....	2 725, 227	126, 282	550, 086	33, 240	1956 (prel.).....	2 1, 026, 774	104, 934	898, 524	5, 593
1949.....	2 631, 230	91, 630	505, 601	20, 077	Coal mining.....	4 297, 069	103, 698	172, 730	2, 918
1950.....	2 719, 841	109, 420	575, 962	20, 655	Metal mining.....	197, 303	95	197, 190	18
					Quarrying and nonmetallic mineral mining.....	213, 368	726	212, 189	453
1951.....	2 753, 821	108, 258	611, 236	13, 985	Railway and other construction work.....	235, 349	144	233, 322	1, 883
1952.....	2 764, 718	95, 460	636, 741	10, 602	All other purposes.....	83, 685	271	83, 093	821
1953.....	2 790, 811	89, 879	668, 952	9, 515					
1954.....	2 715, 955	75, 863	612, 054	10, 297					
1955 (prel.).....	2 806, 878	93, 718	687, 226	6, 624					
1956 (prel.).....	2 1, 026, 774	104, 934	898, 524	5, 593					

<sup>1</sup> Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.

<sup>2</sup> Includes 16,562,000 pounds liquid oxygen explosive in 1947, 15,620,000 in 1948, 13,922,000 in 1949, 13,804,000 in 1950, 20,341,000 in 1951, 21,915,000 in 1952, 22,465,000 in 1953, 17,741,000 in 1954, 19,310,000 in 1955, and 17,723,000 in 1956.

<sup>3</sup> Includes completely processed ammonium nitrate blasting agents.

<sup>4</sup> Includes 19,248,000 pounds liquid oxygen explosive in 1955, and 17,723,000 in 1956.

<sup>5</sup> Includes 62,000 pounds liquid oxygen explosive in 1955.

Source: Department of the Interior, Bureau of Mines; *Consumption of Industrial Explosives*.

# No. 1062.—ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS: 1950 TO 1957

PRODUCT	1950	1952	1953	1954	1955	1956	1957
<b>Asphalt roofing.....1,000 squares.....</b>	<b>65, 024</b>	<b>57, 938</b>	<b>56, 703</b>	<b>59, 132</b>	<b>62, 582</b>	<b>57, 590</b>	<b>53, 326</b>
Smooth-surfaced.....do.....	14, 377	12, 459	12, 084	11, 591	11, 502	10, 362	9, 358
Mineral-surfaced.....do.....	14, 116	13, 704	12, 964	12, 910	12, 902	12, 535	11, 947
Strip shingles.....do.....	32, 109	27, 806	27, 411	30, 149	33, 915	30, 699	28, 813
Individual shingles.....do.....	4, 422	3, 969	4, 244	4, 482	4, 263	3, 994	3, 708
<b>Asphalt sidings.....do.....</b>	<b>2, 009</b>	<b>1, 858</b>	<b>1, 557</b>	<b>1, 428</b>	<b>1, 288</b>	<b>1, 208</b>	<b>1, 036</b>
Roll form.....do.....	1, 659	1, 540	1, 277	1, 175	1, 066	961	821
Shingle form.....do.....	350	318	280	252	223	247	215
<b>Insulated brick siding, all types and finishes.....1,000 squares.....</b>	<b>2, 402</b>	<b>2, 718</b>	<b>2, 794</b>	<b>2, 297</b>	<b>2, 195</b>	<b>2, 055</b>	<b>1, 764</b>
<b>Asphalt board products.....1,000 sq. ft.....</b>	<b>45, 376</b>	<b>45, 933</b>	<b>43, 840</b>	<b>32, 528</b>	<b>36, 641</b>	<b>25, 408</b>	<b>22, 245</b>
<b>Saturated felts.....short tons.....</b>	<b>720, 951</b>	<b>707, 301</b>	<b>773, 349</b>	<b>869, 755</b>	<b>1, 038, 819</b>	<b>893, 214</b>	<b>922, 819</b>
Asphalt.....do.....	620, 579	598, 199	648, 274	732, 770	905, 005	761, 725	789, 318
Tar.....do.....	100, 372	109, 102	125, 075	136, 985	133, 814	131, 489	133, 501
<b>Saturated and coated sheathings.....short tons.....</b>	<b>12, 025</b>	<b>9, 587</b>	<b>9, 609</b>	<b>10, 066</b>	<b>9, 723</b>	<b>10, 603</b>	<b>8, 491</b>

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M29A.

**No. 1063.—PRESSED AND BLOWN GLASSWARE—VALUE OF SHIPMENTS, BY CLASS:**  
1952 TO 1957

[In thousands of dollars. Comprises products manufactured from glass produced in reporting establishment]

CLASS	1952	1953	1954	1955	1956	1957
<b>Total value</b> .....	<b>324,599</b>	<b>361,865</b>	<b>379,754</b>	<b>377,056</b>	<b>388,625</b>	<b>393,940</b>
Tumblers, goblets, and other stemware.....	52,885	55,279	54,713	58,373	57,189	64,644
Cooking ware.....	14,920	14,807	13,434	18,040	19,081	20,574
Ornamental, decorative, novelty glassware, and smokers' accessories.....	12,785	13,659	14,647	13,968	15,733	17,918
<b>Lighting glassware</b> .....	<b>115,831</b>	<b>146,549</b>	<b>156,893</b>	<b>158,793</b>	<b>157,321</b>	<b>142,491</b>
Electric-light bulb and electronic-tube blanks (including radio, television, X-ray, radar, and special tubes and parts).....	92,870	123,872	121,903	125,371	120,996	106,243
Bowls, all types.....	2,972	2,311	2,230	2,414	2,613	3,012
Enclosing globes, all types.....	3,005	2,825	3,865	3,198	3,253	3,090
Shades, reflectors, and torcheres.....	4,654	4,682	4,448	4,735	4,715	4,377
Railroad, marine, and traffic lighting glassware.....	1,186	1,292	2,409	1,818	2,563	2,451
Lamp chimneys.....	1,335	1,246	1,274	1,215	1,271	1,254
Lantern globes (oil and electric).....	675	810	801	944	889	765
All other lighting glassware.....	9,134	9,511	19,963	19,098	21,051	21,209
All other pressed and blown glassware, except glass containers <sup>2</sup> .....	128,178	131,571	140,067	127,282	139,301	148,313

<sup>1</sup> Heat-resistant, heat-treated, and annealed.

<sup>2</sup> Comprises tubing (except fluorescent and neon) and technical, scientific, and industrial glassware.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M77E and M32E.

**No. 1064.—GLASS CONTAINERS—DIRECT EXPORTS AND DOMESTIC PRODUCTION AND SHIPMENTS, BY KIND: 1954 TO 1957**

[In thousand gross]

ITEM	1954		1955		1956		1957	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
<b>Total</b> .....	<b>126,898</b>	<b>124,649</b>	<b>138,470</b>	<b>137,228</b>	<b>141,631</b>	<b>140,519</b>	<b>147,512</b>	<b>142,971</b>
Direct exports.....		2,779		2,804		2,966		3,019
Domestic production and shipments:								
<b>Narrow-neck</b> .....	<b>79,132</b>	<b>75,640</b>	<b>86,596</b>	<b>83,523</b>	<b>88,985</b>	<b>86,086</b>	<b>92,549</b>	<b>86,998</b>
Food.....		12,745		14,337		14,927		15,118
Medicinal and health supplies.....		14,629		15,839		16,065		17,487
Household and industrial.....	46,800	9,276	51,013	9,624	51,593	9,682	54,958	10,018
Toiletries and cosmetics.....		8,918		9,662		9,487		9,772
Beverage, returnable.....	7,163	6,304	8,889	8,565	9,608	9,239	9,613	8,452
Beverage, nonreturnable.....	1,087	963	1,267	1,177	1,185	1,188	1,380	1,274
Beer, returnable.....	2,561	2,125	2,723	2,444	2,851	2,478	2,746	2,343
Beer, nonreturnable.....	7,739	7,729	8,266	8,011	8,059	8,232	8,770	8,494
Liquor.....	9,325	8,709	9,737	9,274	10,812	10,115	10,295	9,476
Wine.....	4,457	4,242	4,711	4,590	4,877	4,673	4,781	4,564
<b>Wide-mouth</b> .....	<b>47,766</b>	<b>46,230</b>	<b>51,874</b>	<b>50,901</b>	<b>52,646</b>	<b>51,467</b>	<b>54,963</b>	<b>52,954</b>
Food.....		33,150		36,864		37,574		39,623
Medicinal and health supplies.....		4,648		4,682		5,146		5,167
Household and industrial.....	42,870	1,855	47,159	2,087	48,633	2,162	51,724	2,205
Toiletries and cosmetics.....		1,863		2,611		2,673		2,804
Dairy products.....	2,945	2,778	2,854	2,791	2,687	2,612	2,376	2,272
Packers' tumblers.....	1,951	1,936	1,861	1,866	1,326	1,300	863	883

<sup>1</sup> Includes fruit jars and jelly glasses.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M77C and M32G.

## No. 1065.—REFRACTORIES—SHIPMENTS: 1954 TO 1956

PRODUCT	Unit	1954		1955		1956	
		Quantity	Value f. o. b. plant	Quantity	Value f. o. b. plant	Quantity	Value f. o. b. plant
<b>Clay refractories</b> .....			\$1,000 129,086		\$1,000 181,076		\$1,000 208,608
Fire-clay brick, standard and special shapes, except superduty.....	M 9" equiv.	394,649	51,205	488,587	63,222	521,604	73,439
Superduty fire-clay brick, standard and special shapes.....	do	61,738	11,891	74,272	15,137	82,924	18,631
Insulating fire-brick, standard and special shapes.....	do	37,090	7,647	54,178	11,196	62,490	13,698
High-alumina brick, standard and special shapes (50% Al <sub>2</sub> O <sub>3</sub> and over, except fused alumina and mullite).....	do	15,818	5,151	21,132	7,138	23,593	8,631
Ladle brick.....	do	169,273	12,915	246,533	20,654	244,409	21,928
Glass-house pots, tank blocks, upper structure, and floaters.....	Short tons	15,922	2,716	18,889	3,602	21,770	4,443
Hot-top refractories.....	M 9" equiv.	32,347	4,537	38,804	6,114	38,263	6,234
Sleeves, nozzles, runner brick, and tuyeres.....	do	43,427	6,993	58,976	10,352	69,470	11,105
High-temperature bonding mortars.....	Short tons	86,519	8,123	88,814	8,453	95,274	9,848
Plastic refractories.....	do	92,613	5,125	139,357	9,232	159,137	10,567
Cast and castables (hydraulic setting).....	do	70,511	6,095	95,979	8,828	113,017	10,805
Ground crude fire clay and high-alumina material.....	do	(2)	(2)	776,966	7,474	621,504	7,593
Other clay refractories.....	do		6,688		9,675		11,686
<b>Nonclay refractories</b> .....			127,621		188,276		210,102
Silica brick and shapes.....	M 9" equiv.	226,402	37,875	328,414	55,568	314,514	58,979
Magnesite and magnesite-chrome brick and shapes.....	do	31,351	18,939	53,153	32,093	49,653	32,742
Chrome and chrome-magnesite brick and shapes.....	do	35,783	18,773	54,101	28,771	61,651	36,725
Graphite and other carbon crucibles and retorts.....	Short tons	9,980	5,522	12,721	7,925	13,677	8,658
Other graphite and carbon refractories.....	do						
High-temperature bonding mortars.....	do	76,686	7,061	95,448	9,253	100,272	10,137
Plastic refractories.....	do	98,867	8,252	202,476	17,704	186,206	17,913
Other nonclay standard and special shapes.....	do		22,958		26,059		32,645
Other nonclay refractory materials sold in lump or ground form.....	do		7,341		10,907		12,303

<sup>1</sup> Excludes value of ground crude fire clay, high-alumina clay, and silica fire clay.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M32C.

## No. 1066.—STRUCTURAL CLAY PRODUCTS—PRODUCTION AND SHIPMENTS, BY KIND: 1950 TO 1956

PRODUCT	1950	1954	1955	1956 (prel.)
<b>Unglazed brick, common and face:</b>				
Production.....1,000 standard bricks.....	6,333,260	6,720,360	7,902,092	8,085,405
Shipments: Quantity.....	6,486,332	6,657,009	7,740,754	7,381,558
Value.....\$1,000.....	164,470	193,434	232,464	236,349
<b>Hollow facing tile, glazed and unglazed:</b>				
Production.....1,000 brick equivalent.....	434,083	432,369	481,403	497,170
Shipments: Quantity.....	432,027	417,734	471,551	470,605
Value.....\$1,000.....	22,438	29,783	34,600	36,720
<b>Unglazed structural tile:</b>				
Production.....short tons.....	1,294,364	981,452	934,859	861,617
Shipments: Quantity.....	1,316,972	907,808	928,940	750,458
Value.....\$1,000.....	14,896	12,725	11,732	9,811
<b>Vitrified clay sewer pipe:</b>				
Production.....short tons.....	1,549,037	1,763,057	2,112,111	2,153,597
Shipments: Quantity.....	1,567,664	1,702,867	2,056,198	2,038,507
Value.....\$1,000.....	53,402	70,878	84,156	90,120
<b>Floor and wall tile and accessories:<sup>1</sup></b>				
Production.....1,000 square feet.....	124,746	177,988	233,001	245,996
Shipments: Quantity.....	127,302	176,253	232,802	227,369
Value.....\$1,000.....	61,579	92,758	128,192	128,626
<b>Drain tile:</b>				
Production.....short tons.....	627,055	(2)	(2)	(2)
Shipments: Quantity.....	627,545	(2)	(2)	(2)
Value.....\$1,000.....	10,191	(2)	(2)	(2)

<sup>1</sup> Glazed and unglazed floor and wall tile, and accessories, including quarry tile. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M32D.

# No. 1067.—PIG IRON AND FERROALLOYS—CAPACITY, PRODUCTION, AND MATERIALS USED: 1920 TO 1957

[In thousands of short tons (2,000 pounds), except number of furnaces]

ITEM	1920	1930	1940	1950	1954	1955	1956	1957
Blast furnaces, total number, Jan. 1.....	453	316	232	248	260	261	261	262
Number in blast, Jan. 1.....	280	165	195	218	210	206	247	249
Blast furnace capacity <sup>1</sup> .....	56,249	57,855	55,724	271,560	82,001	83,971	85,485	86,818
Blast furnace production.....	41,179	35,338	46,979	65,440	58,687	77,790	75,960	79,339
Percent of capacity.....	73.2	61.1	84.3	91.4	71.6	92.6	88.9	91.4
Pig iron.....	40,593	34,743	46,072	64,537	57,966	76,857	75,068	78,375
Ferroalloys.....	586	594	907	853	721	932	891	964
Electric furnace production, ferroalloys.....			419	961	1,119	1,474	1,616	1,459
<b>Total production <sup>2</sup>.....</b>	<b>41,357</b>	<b>35,562</b>	<b>47,399</b>	<b>66,400</b>	<b>59,806</b>	<b>79,264</b>	<b>77,575</b>	<b>80,798</b>
Basic.....	18,746	20,601	33,988	49,880	47,023	62,485	61,639	65,378
Bessemer and low-phosphorus.....	13,510	8,193	7,835	8,426	5,837	7,699	7,169	6,924
Foundry (incl. ferrosilicon).....	6,673	4,436	2,791	3,646	2,910	3,558	3,208	3,000
Malleable.....	1,468	1,760	1,832	3,181	2,630	3,531	3,467	3,459
Forge.....	366	57	4					
Ferromanganese, spiegeleisen, and all other.....	604	517	949	1,267	1,406	1,990	2,093	2,037
<b>Materials used: <sup>4</sup>.....</b>	<b>74,424</b>	<b>60,101</b>	<b>79,672</b>	<b>112,166</b>	<b>96,007</b>	<b>127,753</b>	<b>122,334</b>	<b>128,738</b>
Iron ore, briquettes, etc.....	5,585	7,052	7,480	10,731	11,787	15,210	12,941	12,909
Mill cinder, scale, scrap, etc.....	42,046	31,168	40,451	59,549	50,604	67,061	63,798	65,996
Coke.....	19,964	12,431	16,678	27,708	22,896	29,738	27,174	27,403
Limestone.....								

<sup>1</sup> Annual capacity as of Jan. 1; capacity as of Jan. 1, 1958, was 91,000, 110 short tons.

<sup>2</sup> Average annual capacity as of Jan. 1 and July 1.

<sup>3</sup> Includes ferroalloys made in electric furnaces.

<sup>4</sup> Materials consumed in manufacture of pig iron only, beginning 1930.

<sup>5</sup> Coke and bituminous coal.

Source: American Iron and Steel Institute; *Annual Statistical Report*.

# No. 1068.—PIG IRON AND FERROALLOYS—PRODUCTION, BY STATES: 1945 TO 1957

[In thousands of short tons (2,000 pounds)]

STATE	1945	1950	1953	1954	1955	1956	1957
<b>Grand total.....</b>	<b>54,919</b>	<b>66,400</b>	<b>77,250</b>	<b>59,806</b>	<b>79,264</b>	<b>77,575</b>	<b>80,798</b>
<b>Pig iron.....</b>	<b>53,223</b>	<b>64,587</b>	<b>74,901</b>	<b>57,966</b>	<b>76,857</b>	<b>75,068</b>	<b>78,375</b>
Massachusetts, New York.....	3,295	4,302	4,958	3,793	5,144	4,905	5,406
Pennsylvania.....	16,171	18,240	20,767	14,736	20,844	20,648	20,980
Maryland, West Virginia.....	3,519	5,203	5,696	5,459	6,094	6,087	6,670
Kentucky, Tennessee, Texas.....	808	1,460	1,701	1,376	1,713	1,505	1,967
Alabama.....	3,682	4,347	4,663	4,065	4,624	4,167	4,904
Ohio.....	11,259	12,510	15,148	11,185	15,370	15,127	15,000
Indiana.....	5,982	7,018	8,350	7,490	8,717	8,246	9,007
Illinois.....	5,045	6,024	6,532	4,518	6,459	6,516	6,309
Michigan, Minnesota.....	1,921	2,830	3,169	2,349	4,002	3,998	4,191
Colorado, Utah, California.....	1,642	2,653	3,867	2,795	3,561	3,809	3,041
<b>Ferroalloys.....</b>	<b>1,696</b>	<b>1,813</b>	<b>2,349</b>	<b>1,841</b>	<b>2,406</b>	<b>2,507</b>	<b>2,423</b>
New York, New Jersey.....	449	392	327	186	309	256	218
Pennsylvania.....	573	554	664	454	590	537	624
Virginia, West Virginia, South Carolina.....	171	287	389	320	464	480	468
Tennessee.....	66	60					
Alabama.....	85	59	111	147	114	151	169
Ohio.....	204	198	479	441	547	654	589
Other States.....	148	264	379	292	383	429	365

Source: American Iron and Steel Institute; *Annual Statistical Report*.

# No. 1069.—PIG IRON AND FERROALLOYS—PRODUCTION, EXPORTS, AND IMPORTS: 1901 TO 1957

[In thousands of short tons (2,000 pounds). Imports are imports for consumption beginning with 1933. All production figures are for calendar years]

YEARLY AVERAGE	Production	Exports of domestic merchandise	Imports	YEAR	Production	Exports of domestic merchandise	Imports
1901-1905.....	20,428	51	353	1945.....	54,919	123	74
1906-1910.....	26,908	88	308	1946.....	46,200	135	55
1911-1915.....	30,820	226	149	1947.....	60,117	93	231
1916-1920.....	41,452	464	120	1948.....	61,912	113	319
1921-1925.....	34,132	41	406	1949.....	54,917	116	175
1926-1930.....	42,215	58	289	1950.....	66,400	379	946
1931-1935.....	17,486	15	177	1951.....	72,449	67	1,221
1936-1940.....	36,174	476	144	1952.....	63,354	70	477
1941-1945.....	59,629	260	39	1953.....	77,250	47	763
1946-1950.....	57,909	167	345	1954.....	59,806	41	379
1951-1955.....	70,425	64	645	1955.....	70,264	97	386
				1956.....	77,575	356	514
				1957.....	80,798	946	546

Source: Production, American Iron and Steel Institute; *Annual Statistical Report*. Exports and imports, Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

# No. 1070.—ROLLED AND MISCELLANEOUS IRON AND STEEL PRODUCTS—PRODUCTION, BY KIND: 1930 TO 1957

[In thousands of short tons (2,000 pounds). See also *Historical Statistics, 1789-1945*, series J 170]

KIND	1930	1940	1945	1950	1955	1956	1957
<b>Hot-rolled products.....</b>	<b>33,055</b>	<b>48,660</b>	<b>59,812</b>	<b>75,191</b>	<b>90,658</b>	<b>89,284</b>	<b>85,887</b>
Plates.....	4,102	4,323	7,240	7,386	8,191	9,432	11,276
Sheets.....	3,933	11,706	12,067	22,693	31,517	29,277	26,299
Black plate.....	2,120	522	1	153			
Strip.....	2,175	2,078	2,543	3,904	3,684	2,882	2,215
Coils for cold reduced black plate and tin plate.....	(1)	3,104	4,437	5,991	7,579	7,578	7,278
Hoops.....	89	97	52	37	16	16	7
Cotton ties and baling bands.....	52	45	34	49	64	61	50
Bars—merchant.....	4,628	6,459	9,649	9,353	10,123	9,899	8,018
Bars—concrete.....	952	1,426	835	1,833	2,393	2,781	2,645
Structural shapes.....	3,934	4,232	4,467	5,442	6,336	7,106	8,595
Steel piling.....	118	186	189	243	303	384	469
Rails.....	2,098	1,679	2,418	1,850	1,227	1,301	1,308
Splice bars and tie plate bars.....	679	516	857	656	473	449	353
Skelp.....	3,004	2,709	2,894	4,164	5,144	5,451	5,204
Blanks or pierced billets.....	1,398	2,321	3,384	4,031	4,891	4,909	5,507
Wire rods.....	2,630	4,352	4,531	5,820	6,098	5,609	4,096
Rolled forging billets.....	341	920	3,567	1,215	1,959	1,465	1,238
Blooms, billets, etc., for export.....	11	1,678	179	11	242	178	253
Car wheels (rolled steel).....		191	291	280	316	337	384
All other.....	790	116	171	101	101	109	92
<b>Miscellaneous products:<sup>2</sup></b>							
Tin plate and terne plate.....	1,883	2,739	2,827	4,640	5,157	5,460	5,463
Galvanized sheets.....	1,171	1,695	1,676	2,274	2,875	3,023	2,447
Galvanized formed products.....	73	85	59	118	(1)	(1)	(1)
Wire (plain).....	(1)	3,072	3,545	4,855	4,787	4,383	3,681
Wire nails.....	478	649	583	876	653	563	455
Cut nails.....	23	24	15	30	20	18	14
Pipes and tubes (black).....	(1)	4,273	6,030	9,310	10,039	10,497	11,417
Forgings made by rolling mills.....	533	623	1,656	457	547	643	709

<sup>1</sup> Not available.

<sup>2</sup> These are mostly further elaborations of products listed above.

<sup>3</sup> Includes forged axles.

Source: American Iron and Steel Institute; *Annual Statistical Report*.

# No. 1071.—STEEL—CAPACITY AND PRODUCTION OF INGOTS AND STEEL FOR CASTINGS, BY TYPE OF FURNACE: 1920 TO 1957

[In thousands of short tons (2,000 pounds). Excludes foundries which normally produce steel only for castings. See also *Historical Statistics, 1789-1945, series J 165-169*]

YEAR	Capacity <sup>1</sup> (Jan. 1)	PRODUCTION							Percent production of capac- ity
		Total	Open hearth			Bes- semer	Elec- tric	Cru- cible	
			Total	Basic	Acid				
1920.....	60, 220	46, 183	35, 846	-----	-----	9, 841	417	79	76. 7
1925.....	65, 962	49, 705	41, 804	-----	-----	7, 474	406	20	75. 4
1930.....	71, 042	44, 591	38, 587	-----	-----	5, 623	379	2	62. 8
1935.....	78, 452	38, 184	34, 401	34, 005	397	3, 175	606	1	48. 7
1940.....	81, 619	66, 983	61, 573	60, 883	690	3, 709	1, 700	1	82. 1
1945.....	95, 505	79, 702	71, 940	71, 070	870	4, 305	3, 457	(?)	83. 5
1946.....	91, 891	66, 603	60, 712	60, 112	600	3, 328	2, 563	(?)	72. 5
1947.....	91, 241	84, 894	76, 874	76, 209	665	4, 233	3, 788	(?)	93. 0
1948.....	94, 233	88, 640	79, 340	78, 715	625	4, 243	5, 067	(?)	94. 1
1949.....	96, 121	77, 978	70, 249	69, 742	507	3, 947	3, 783	(?)	81. 1
1950.....	99, 983	96, 836	86, 263	85, 662	601	4, 535	6, 039	(?)	96. 9
1951.....	104, 230	105, 200	93, 167	92, 387	779	4, 891	7, 142	(?)	100. 9
1952.....	108, 588	93, 168	82, 846	82, 143	703	3, 524	6, 798	(?)	85. 8
1953.....	117, 547	111, 610	100, 474	99, 828	646	3, 856	7, 280	(?)	94. 9
1954.....	124, 330	88, 312	80, 327	79, 923	405	2, 548	5, 436	(?)	71. 0
1955.....	125, 828	117, 036	105, 369	104, 805	555	3, 320	8, 357	(?)	93. 0
1956.....	128, 363	115, 216	102, 841	102, 168	673	3, 228	9, 148	(?)	89. 8
1957.....	133, 459	112, 715	101, 658	101, 028	630	2, 475	8, 582	(?)	84. 5

<sup>1</sup> Annual capacity as of Jan. 1, 1958, was 140,742,570 tons. <sup>2</sup> Less than 500 short tons.

<sup>3</sup> Included with electric. <sup>4</sup> Average of Jan. 1 and July 1.

<sup>5</sup> Includes steel made by the basic oxygen process. Separate figures withheld to avoid disclosing production of individual companies.

Source: American Iron and Steel Institute; *Annual Statistical Report*.

# No. 1072.—BLAST FURNACES AND STEEL WORKS AND ROLLING MILLS—SUMMARY: 1923 TO 1956

[Data for years prior to 1937 include figures for steel castings, thereafter such data are excluded. Beginning 1954, includes data for coke ovens, excluded for prior years]

YEAR	Num- ber of estab- lish- ments	PRODUCTION WORKERS		Value added by manufac- ture (\$1,000) <sup>1</sup>	YEAR	Num- ber of estab- lish- ments	PRODUCTION WORKERS		Value added by manufac- ture (\$1,000) <sup>1</sup>
		Number (average for the year)	Wages, total (\$1,000)				Number (average for the year)	Wages, total (\$1,000)	
1923-----	658	424, 913	696, 761	1, 289, 910	1939-----	334	388, 441	598, 037	1, 234, 631
1925-----	595	399, 914	660, 297	1, 281, 976	1947-----	301	470, 785	1, 431, 536	2, 603, 757
1927-----	602	389, 270	645, 534	1, 219, 534	1950-----	(?)	475, 873	1, 684, 453	3, 986, 082
1929-----	591	419, 534	730, 974	1, 622, 837	1952-----	(?)	507, 619	1, 975, 110	4, 144, 236
1931-----	526	278, 206	357, 645	623, 199	1953-----	(?)	517, 330	2, 383, 110	5, 402, 877
1933-----	466	288, 945	276, 367	481, 529	1954-----	(?)	468, 933	2, 051, 898	5, 014, 388
1935-----	468	374, 808	458, 584	893, 681	1955-----	(?)	527, 524	2, 659, 921	6, 786, 191
1937-----	352	461, 118	755, 427	1, 603, 959	1956 (prel.)-----	(?)	545, 534	2, 806, 705	7, 007, 578

<sup>1</sup> Value of products less cost of materials, supplies, fuel, electric energy, and contract work. For 1923-1933, cost of contract work was not deducted. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*, and U. S. Census of Manufactures: 1954, Vol. II.



## No. 1073.—STEEL PRODUCTS—SHIPMENTS, BY CLASS: 1945 TO 1957

[In thousands of short tons (2,000 pounds). Comprises carbon, alloy, and stainless steel. Percents based on domestic shipments only]

CLASS	1945		1950		1955		1956		1957	
	Quantity	Per cent	Quantity	Per cent	Quantity	Per cent	Quantity	Per cent	Quantity	Per cent
<b>Total shipments</b> .....	57,242	-----	72,232	-----	84,717	-----	83,251	-----	79,895	-----
<b>Domestic shipments</b> .....	53,449	100.0	69,665	100.0	81,134	100.0	79,629	100.0	75,326	100.0
Steel for converting and processing <sup>1</sup> .....	2,706	5.1	3,900	5.6	3,753	4.6	3,777	4.7	3,396	4.5
Forgings (except automotive).....	1,418	2.6	1,082	1.5	1,266	1.6	1,473	1.8	1,056	1.4
Bolts, nuts, rivets, and screws.....	1,083	2.0	1,410	2.0	1,475	1.8	1,485	1.9	1,149	1.5
Warehouses and distributors (except oil and gas).....	8,904	16.7	11,676	16.8	13,562	16.7	14,505	18.2	12,184	16.2
Construction (exc. oil and gas).....	4,664	8.7	5,563	8.0	7,234	8.9	7,885	9.9	9,054	12.0
Contractors' products.....			3,075	4.4	3,882	4.9	4,075	5.1	3,404	4.5
Automotive.....	4,071	7.6	14,472	20.8	18,722	23.1	14,142	17.8	14,227	18.9
Passenger cars, trucks, tractors, parts, etc.....	3,774	7.0	13,923	20.0	18,203	22.4	13,744	17.3	13,895	18.5
Forgings.....	297	0.6	549	0.8	519	0.7	398	0.5	332	0.4
Rail transportation.....	5,121	9.6	4,299	6.2	3,521	4.3	4,227	5.3	4,149	5.5
Railroad rails, trackwork, and equipment.....	(2)	(2)	2,222	3.2	1,580	1.9	1,500	2.0	1,406	1.9
Freight cars, passenger cars, and locomotives.....	(2)	(2)	2,029	2.9	1,901	2.3	2,605	3.3	2,703	3.6
Street railways and rapid transit systems.....	(2)	(2)	48	0.1	40	0.1	32	(3)	40	(3)
Shipbuilding and marine equipment.....	2,719	5.1	327	0.5	601	0.8	760	1.0	1,278	1.7
Aircraft.....	301	0.6	52	0.1	97	0.1	135	0.2	99	0.1
Oil and gas.....	2,063	3.8	5,343	7.7	5,437	6.7	5,582	7.0	6,494	8.6
Warehouses and distributors.....	667	1.2	1,684	2.4	2,197	2.7	2,247	2.8	2,324	3.1
Construction.....	1,396	2.6	3,039	4.4	2,447	3.0	2,556	3.2	3,470	4.6
Drilling.....			620	0.9	793	1.0	779	1.0	700	0.9
Mining, quarrying, and lumbering.....	210	0.4	289	0.4	269	0.3	349	0.4	320	0.4
Agricultural.....	1,120	2.1	1,538	2.2	1,337	1.7	1,082	1.3	1,098	1.5
Agricultural machinery.....	(2)	(2)	1,298	1.9	1,112	1.4	819	1.0	915	1.2
Other.....	(2)	(2)	240	0.3	225	0.3	263	0.3	183	0.3
Machinery, industrial equipment, and tools.....	1,607	3.0	3,474	5.0	4,699	5.8	5,032	6.3	4,512	6.0
Electrical machinery and equipment.....	819	1.5	1,837	2.6	2,292	2.8	2,438	3.1	2,086	2.8
Appliances, utensils, and cutlery.....	675	1.3	2,088	3.0	2,199	2.7	2,129	2.7	1,559	2.1
Other domestic and commercial equipment.....	1,433	2.7	1,804	2.6	2,189	2.7	2,264	2.8	1,838	2.4
Containers.....	4,333	8.1	5,911	8.4	6,723	8.3	6,818	8.6	6,238	8.3
Cans and closures.....	(2)	(2)	4,339	6.2	4,947	6.1	5,026	6.3	4,831	6.4
Barrels, drums, and shipping pails.....	(2)	(2)	925	1.3	983	1.2	1,019	1.3	818	1.1
Other.....	(2)	(2)	647	0.9	793	1.0	773	1.0	589	0.8
Ordnance and other direct military.....	5,509	10.3	195	0.3	857	1.1	524	0.7	356	0.5
Shipments of nonreporting companies.....	4,693	8.8	1,330	1.9	919	1.1	947	1.2	820	1.1
<b>Exports</b> .....	3,793	-----	2,567	-----	3,583	-----	3,622	-----	4,569	-----

<sup>1</sup> Net total after deducting shipments to reporting companies for conversion or resale.<sup>2</sup> Not available.<sup>3</sup> Less than 0.05 percent.Source: American Iron and Steel Institute; *Annual Statistical Report*.

## No. 1074.—IRON AND STEEL—AGGREGATE EXPORTS: 1900 TO 1957

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. Includes ferromanganese. Beginning 1925, excludes steam and hot water heating boilers and radiators. Value figures through 1920 exclude, and those beginning 1925 include, data for small items for which quantity figures are not available. See table 1075 for revised list of articles included, effective 1952]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1900.....	1,292	42,518	1940.....	11,876	524,426	1952.....	14,854	771,442
1905.....	1,131	33,813	1945.....	5,203	461,147	1953.....	13,711	640,159
1910.....	1,723	63,436	1946.....	5,149	449,843	1954.....	14,826	653,408
1915.....	3,957	140,993	1947.....	6,994	830,655	1955.....	19,723	979,357
1920.....	5,527	468,376	1948.....	4,885	659,779	1956.....	11,574	1,281,444
1925.....	1,974	144,262	1949.....	5,146	714,780	1957.....	13,801	1,621,438
1930.....	2,220	139,039	1950.....	3,248	465,141			
1935.....	3,431	88,414	1951.....	3,783	612,236			

<sup>1</sup> See footnote 1, table 1075.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1075.—IRON AND STEEL—EXPORTS, BY KIND: 1955 TO 1957

[Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and FOA, and Civilian Supply shipments]

KIND	QUANTITY (short tons)			VALUE (\$1,000)		
	1955	1956	1957	1955	1956	1957
<b>Total.....</b>	<b>19,723,239</b>	<b>11,574,052</b>	<b>13,800,747</b>	<b>979,357</b>	<b>1,281,444</b>	<b>1,621,438</b>
Pig iron.....	34,989	269,477	879,652	1,918	15,084	57,017
Iron and steel scrap.....	5,155,200	6,421,982	6,864,139	177,188	298,103	326,242
Iron bars, skelp, and pipe.....	29,843	40,403	52,602	4,578	6,968	9,028
Steel mill products, semifinished.....	740,512	528,446	720,008	63,025	53,454	80,734
Steel ingots, blooms, billets, slabs, sheet bars, and tin-plate bars.....	611,230	355,436	509,295	50,178	34,801	55,175
Steel skelp.....	88,249	148,208	196,862	8,446	15,679	23,625
Wire rods and other semifinished steel mill products.....	41,033	24,802	14,751	4,401	2,975	1,933
Steel mill products, rolled and finished.....	3,313,004	3,773,540	4,567,795	545,701	675,629	873,528
Steel bars, including bar size shapes.....	205,244	296,900	214,083	29,443	46,215	37,139
Steel plates, hot- or cold-rolled, not fabricated, and armor plates, rolled.....	215,391	298,664	604,094	28,803	46,399	92,699
Steel sheets, black, ungalvanized.....	840,482	719,894	781,617	123,766	115,183	135,098
Steel sheets, galvanized.....	144,620	134,562	103,890	24,997	25,017	20,112
Steel sheets, coated, exc. galvanized and steel sheets for enameling.....	50,102	42,635	39,224	8,229	7,460	7,240
Electrical steel sheets and strip.....	59,477	68,372	68,150	20,268	23,859	26,732
Steel strip, coated or uncoated, exc. elec.....	92,523	90,655	59,357	26,086	27,678	25,085
Tin mill black plate.....	117,024	98,936	79,876	12,350	11,547	9,673
Tin mill prod. (tin plate and terneplate).....	853,977	750,820	722,595	144,566	137,012	136,290
Structural shapes, not fabr., and piling.....	280,099	372,895	470,978	33,337	48,139	64,923
Rails, trackwork, and track accessories.....	74,852	95,904	239,469	8,516	14,079	33,527
Pipe, tubes, and tubing.....	329,412	755,216	1,152,917	74,795	160,008	275,049
Steel wire, not elsewhere classified.....	40,801	48,087	31,545	10,446	12,855	9,768
Other steel mill prod., rolled and finished.....	(2)	(2)	(2)	97	199	180
Castings and forgings.....	94,398	97,328	94,365	21,267	22,825	24,628
Railway car and locomotive wheels, tires, and axles, rolled and forged.....	15,137	12,417	17,975	4,056	3,033	4,981
Wire springs, steel.....	4,696	4,714	3,803	2,445	2,577	2,432
Bolts, screws, nuts, rivets, and washers.....	19,868	21,751	19,813	15,446	17,462	17,765
Nails, staples, and spikes.....	4,362	4,249	4,785	2,610	2,862	3,279
Builders', furniture, car, marine, and other hardware and parts.....	(2)	(2)	(2)	17,071	20,478	22,236
Pipe fittings.....	27,206	33,178	39,483	19,643	28,898	39,339
Fabricated steel products.....	165,277	210,192	403,971	43,396	58,613	77,458
Sash, sections, and frames, door and window, and other construction materials.....	9,435	12,167	10,707	5,706	7,069	6,992
Chains and parts.....	8,206	11,212	8,896	7,986	10,480	9,793
Welding rods and wires.....	16,123	19,720	22,115	6,736	8,690	10,459
Wire cloth.....	(4)	(4)	(4)	1,163	1,105	1,158
Wire-reinforcing fabric and wire rope, cord, cable, and strand.....	22,659	26,672	23,856	8,874	11,679	12,049
Other iron and steel manufactures.....	(2)	(2)	(2)	24,365	28,024	34,442
Ferroalloys.....	62,324	86,604	65,882	6,235	8,411	7,928

<sup>1</sup> Excludes figures for wire cloth and for articles noted as not reported. <sup>2</sup> Not reported.

<sup>3</sup> Sampling error (see Technical Note, p. 773) probably not greater than 10 to 15 percent.

<sup>4</sup> Reported in square feet: 6,950,825 in 1955; 6,713,660 in 1956; 6,601,139 in 1957.

Source: Department of Commerce, Bureau of the Census; *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1076.—IRON AND STEEL—WHOLESALE PRICE INDEXES: 1926 TO 1957

[1947-1949=100]

YEAR	Iron and steel, total	YEAR	Iron and steel, total	YEAR	Iron and steel, total	STEEL MILL PRODUCTS		
						Total	Finished	Semi-finished
1926	67.1	1933	52.7	1939	64.2	67.5	68.0	62.9
1927	63.2	1934	58.1	1940	63.8	67.6	68.1	63.2
1928	62.7			1941	64.6	67.9	68.4	63.2
1929	63.6	1935	58.1	1942	65.2	68.0	68.5	63.2
		1936	58.7	1943	65.2	68.1	68.6	63.2
1930	59.7			1944	65.1	68.1	68.6	63.2
1931	55.9	1937	65.8	1945	66.5	69.7	70.2	65.3
1932	53.3	1938	66.1	1946	74.0	75.8	76.4	70.7

YEAR	Iron and steel, total	STEEL MILL PRODUCTS			Pig iron and ferro-alloys	Iron ore	Scrap, iron and steel	Foundry and forge shop products
		Total	Finished	Semi-finished				
1947	89.7	88.8	89.1	85.2	85.3	88.6	96.9	89.4
1948	104.3	101.4	101.3	102.5	101.8	96.5	122.3	103.2
1949	106.0	109.9	109.7	112.3	112.9	114.9	80.8	107.4
1950	113.1	115.7	115.2	121.8	115.6	123.0	104.6	109.1
1951	123.2	124.8	124.5	128.3	126.6	132.3	118.8	119.4
1952	124.7	127.5	127.2	131.2	130.9	137.6	114.2	119.9
1953	131.3	137.6	136.9	145.6	138.4	153.8	103.1	126.4
1954	132.9	143.8	142.8	156.2	137.6	157.7	79.8	129.3
1955	140.6	150.7	149.5	164.4	138.6	160.4	104.6	132.4
1956	154.7	163.2	162.1	175.9	151.4	173.0	132.5	146.1
1957	166.2	178.9	177.5	194.8	164.9	181.7	116.9	157.4

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices*.

## No. 1077.—FERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1950 TO 1957

[In thousands of short tons. Gray iron castings, except 1950, are based on a sample of foundries. All other data represent complete coverage]

ITEM	1950	1952	1953	1954	1955	1956	1957 (prel.)
GRAY IRON CASTINGS							
Shipments <sup>1</sup>	13,725	12,860	13,708	11,532	14,838	13,861	12,664
Pressure pipe and fittings	1,215	1,313	1,286	1,375	1,687	1,747	1,351
Soil pipe and fittings	795	651	677	744	870	818	758
All other gray iron castings	11,715	10,896	11,745	9,413	12,281	11,296	10,555
Unfilled orders, Dec. 31 <sup>2</sup>	2,142	1,316	940	745	1,075	920	676
Pressure pipe and fittings	617	311	231	183	277	217	166
Soil pipe and fittings	208	31	23	26	27	27	22
All other gray iron castings	1,317	974	686	536	771	676	488
MALLEABLE IRON CASTINGS							
Shipments	942	926	971	822	1,105	952	863
For sale	537	573	579	462	653	558	520
For own use	405	353	392	360	452	394	343
Standard malleable						813	714
Pearlitic malleable						139	149
Unfilled orders, Dec. 31 <sup>2</sup>	222	173	98	85	123	92	75
Standard malleable						80	59
Pearlitic malleable						12	16
STEEL CASTINGS							
Shipments <sup>1</sup>	1,481	1,925	1,894	1,184	1,531	1,932	1,766
Carbon	1,130	1,372	1,277	803	1,088	1,445	1,328
Alloy	351	553	557	381	443	487	438
Unfilled orders, Dec. 31 <sup>2</sup>	570	278	278	179	475	522	327
Carbon	476	436	175	107	364	410	248
Alloy	94	283	103	72	111	112	79

<sup>1</sup> Includes shipments for "own use."<sup>2</sup> Unfilled orders for sale only. Excludes unfilled orders of captive plants.Source: Department of Commerce, Bureau of the Census; monthly data published currently in *Facts for Industry* Series M21C and M21-1.

# No. 1078.—NONFERROUS CASTINGS—SHIPMENTS AND UNFILED ORDERS: 1950 TO 1956

[In thousands of pounds. Shipments include "for own use." Unfiled orders are for the end of the year and comprise "for sale" only. Data for 1950 based on complete coverage; other years based on sample and subject to sampling variation; see text, pp. 771 and 773]

TYPE OF CASTING	1950	1952	1953	1954	1955	1956
Shipments, all types.....	2,215,588	1,993,040	2,233,737	2,025,577	2,663,031	2,512,002
Unfiled orders, all types.....	303,305	326,207	229,356	208,323	273,698	258,096
Copper and copper-base alloy:						
Shipments.....	1,056,973	1,009,910	993,750	835,930	1,008,898	966,306
Unfiled orders.....	73,940	76,871	47,922	32,054	57,241	56,556
Aluminum and aluminum-base alloy:						
Shipments.....	543,082	518,979	661,035	624,973	827,162	794,581
Unfiled orders.....	113,300	146,499	107,754	99,556	123,881	118,185
Zinc and zinc-base alloy:						
Shipments.....	579,332	408,353	523,892	520,501	778,000	693,728
Unfiled orders.....	106,885	85,767	64,047	69,603	86,120	75,293
Magnesium and magnesium-base alloy:						
Shipments.....	15,224	34,857	34,601	25,777	27,854	36,168
Unfiled orders.....	7,654	16,020	9,324	6,678	5,981	7,616
Lead and lead-base alloy die: <sup>1</sup>						
Shipments.....	20,977	20,941	20,459	18,396	21,117	21,219
Unfiled orders.....	1,526	1,050	( <sup>2</sup> )	432	475	446

<sup>1</sup> Excludes producers of lead die castings for battery plates and parts who reported shipments of 146 million pounds in 1950.

<sup>2</sup> Withheld because estimates did not meet publication standards.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M24E.

# No. 1079.—ALUMINUM AND MAGNESIUM—NET SHIPMENTS OF MILL PRODUCTS: 1950 TO 1957

[In thousands of pounds. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

ITEM	1950	1952	1953	1954	1955	1956	1957
Aluminum mill products.....	1,713,449	1,924,750	2,286,865	2,086,562	2,791,791	2,885,808	2,677,423
Plate, sheet, and strip.....	1,163,135	1,085,699	1,368,165	1,165,076	1,542,723	1,568,117	1,396,502
Rolled structural shapes, rod, bar and wire <sup>1</sup> .....	269,780	443,546	422,046	361,281	367,951	421,201	399,040
Extruded shapes, tube blooms and tubing.....	258,075	347,542	451,922	513,300	775,092	792,403	789,430
Powder, flake and paste.....	22,459	47,963	44,732	46,905	35,681	28,421	28,187
Forgings <sup>1</sup> .....					70,344	75,666	64,264
Magnesium mill products.....	12,810	18,249	16,885	13,743	21,186	25,423	21,915

<sup>1</sup> Beginning 1955, forgings reported separately; forging stock included with rolled rod and bar for prior years.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M24-1.

## No. 1080.—SELECTED METAL PRODUCTS—FACTORY SHIPMENTS: 1954 to 1956

PRODUCT AND UNIT OF MEASURE	1954		1955		1956	
	Quantity (1,000)	Value (\$1,000)	Quantity (1,000)	Value (\$1,000)	Quantity (1,000)	Value (\$1,000)
<b>Containers and closures:</b>						
Steel shipping barrels and drums.....number	32,552	-----	36,935	-----	37,991	-----
Steel packages, kegs, and pails.....do	69,827	-----	77,708	-----	82,097	-----
Metal cans.....short tons of steel consumed.....	4,143	-----	4,484	-----	4,786	-----
For sale.....do	3,658	-----	3,910	-----	4,114	-----
For own use.....do	486	-----	574	-----	672	-----
Crowns.....gross	313,741	-----	326,733	-----	310,203	-----
Closures (except crowns):						
Commercial, except milk bottle closures						
1,000.....do	15,249	-----	16,967	-----	17,306	-----
Milk bottle closures <sup>1</sup> .....do	12,669	-----	13,086	-----	12,518	-----
Home canning.....gross	14,031	-----	14,227	-----	14,305	-----
<b>Heating and cooking equipment:</b>						
Domestic cooking stoves and ranges.....number	3,423	352,628	3,799	403,464	3,477	(2)
Electric <sup>2</sup> .....do	1,220	164,110	1,290	179,187	1,200	(2)
Gas, including bungalow.....do	2,006	176,298	2,316	213,223	2,117	208,849
Liquid fuel.....do	109	4,340	108	4,282	88	3,543
Coal and wood.....do	66	3,852	70	3,999	58	3,085
Combination.....do	22	4,028	15	2,773	14	2,125
Domestic heating stoves.....do	2,694	70,080	3,018	75,659	3,041	80,906
Gas.....do	1,432	31,104	1,729	40,192	1,690	41,464
Liquid fuel.....do	686	30,695	634	25,193	660	28,010
Coal and wood.....do	575	8,221	665	10,274	685	11,432
Water heaters.....do	4,396	183,818	3,599	195,645	3,804	(2)
Electric <sup>3</sup> .....do	799	45,925	685	41,042	870	(2)
Nonelectric.....do	4,597	135,627	2,884	154,603	2,934	162,097
Direct-fired.....do	2,474	126,548	2,664	142,557	2,740	148,975
Indirect.....do	4,123	9,079	220	12,046	194	18,122
Range boilers.....do	250	4,496	247	4,457	195	3,596
Cast iron boilers.....1,000 pounds	220	52,601	235	58,412	230	60,255
Cast iron radiators and convectors						
1,000 sq. ft. heating surface	29	21,042	31	21,513	30	21,912
Oil burners.....number	(2)	-----	952	-----	835	-----
Residential.....do	(2)	-----	909	-----	793	-----
Nonresidential.....do	(2)	-----	43	-----	42	-----
Mechanical stokers.....do	16	-----	16	-----	10	-----
Warm air furnaces.....do	1,152	218,607	1,406	263,865	1,355	260,694
Forced air.....do	1,034	202,725	1,307	249,741	1,272	248,545
Gravity air.....do	118	15,882	99	14,124	83	12,149
<b>Construction machinery:</b>						
Power cranes and shovels.....do	8	171,404	10	250,571	10	320,779
Dozers.....do	18	35,047	20	38,965	22	45,927
Tracklaying tractors.....do	40	267,918	49	359,443	55	471,384
<b>Plumbing fixtures:</b>						
Bathtubs, cast iron and steel.....do	2,072	-----	2,339	-----	2,087	-----
Lavatories.....do	3,183	-----	3,985	-----	3,855	-----
Vitreous china.....do	1,592	-----	2,110	-----	2,191	-----
Cast iron and steel.....do	1,591	-----	1,875	-----	1,674	-----
Kitchen sinks.....do	2,182	-----	2,634	-----	2,242	-----
Vitreous china.....do	4	-----	3	-----	3	-----
Cast iron.....do	1,009	-----	1,064	-----	921	-----
Steel.....do	1,169	-----	1,567	-----	1,318	-----
<b>Transportation equipment:</b>						
Truck trailers.....do	55	245,227	76	371,413	68	329,230
Complete trailers.....do	52	238,786	74	363,458	64	319,476
Trailer chassis only.....do	2	6,441	3	7,955	4	9,754
Complete aircraft (civilian).....do	3	295,738	5	271,250	7	454,156
Aircraft engines (civilian).....do	6	60,647	8	59,147	11	108,263
Domestic water systems.....do	721	71,216	796	74,899	770	72,176

<sup>1</sup> Disc caps (plug caps) and sanitary closure caps (hoods) are reported as one closure when sold to be used together. Beginning 1955, includes milk bottle closures stamped from purchased aluminum foil by milk bottling plants.

<sup>2</sup> Not available.

<sup>3</sup> Data from the National Electrical Manufacturers' Association, except for 1954 which were obtained from the 1954 Census of Manufactures.

<sup>4</sup> Excludes quantity for cast or coil-type storage indirect water heaters valued at \$1,211,000.

<sup>5</sup> Includes value of \$2,265,000 water heaters not specified by kind.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry* series.

## No. 1081.—MACHINE TOOLS—SHIPMENTS, BY MAJOR TYPES: 1950 TO 1956

[Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

MAJOR TYPE	1950		1954		1955		1956 (prel.)	
	Num- ber	Value (\$1,000)	Num- ber	Value (\$1,000)	Num- ber	Value (\$1,000)	Num- ber	Value (\$1,000)
Total.....	-----	315,743	-----	1,879,020	-----	665,791	-----	880,301
Boring machines.....	1,363	29,402	2,187	114,443	2,122	77,372	2,268	91,032
Broaching machines.....	374	4,883	473	17,253	395	14,457	524	20,309
Drilling machines.....	9,917	33,129	-----	86,066	-----	53,805	-----	69,555
Gear cutting and finishing machines.....	1,402	19,819	2,468	48,111	1,749	36,565	2,175	49,380
Grinding and polishing machines (except gear tooth grinding, honing, lapping, and buffing).....	79,274	60,859	254,040	154,288	60,763	123,899	64,035	172,758
Lathes.....	30,251	89,716	21,015	206,886	23,266	153,285	28,576	216,735
Milling machines.....	6,975	36,452	210,328	122,518	11,665	89,573	13,861	111,081
Planers.....	84	3,035	138	10,978	120	7,511	133	6,445
Shapers (except gear shapers).....	794	3,397	791	5,692	708	4,046	671	4,746
All other machine tools.....	-----	35,051	-----	112,785	-----	104,678	-----	138,260

<sup>1</sup> Excludes \$11,743,000 value of machine tools not specified by kind. An indeterminate portion of this value represents parts for machine tools, machine tools designed for home workshops, and rebuilt machine tools.

<sup>2</sup> Excludes quantity for machines not specified by kind.

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M34A.

## No. 1082.—MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS OF SELECTED PRODUCTS: 1947 TO 1955

[In thousands of dollars. Figures for 1950 and 1955 based on sample and subject to sampling variation; see Technical Note, p. 773]

PRODUCT	1947	1950	1954	1955
Ball and roller bearings and components.....	352,501	450,495	533,796	673,933
Commercial laundry, dry-cleaning, and pressing machines <sup>1</sup> .....	93,078	77,441	76,637	85,807
Computing machines and cash registers <sup>1</sup> .....	301,809	349,670	501,311	581,516
Construction and mining machinery.....	932,430	973,603	1,159,170	1,450,236
Conveyors.....	234,074	240,696	431,774	419,444
Cutting tools, jigs, fixtures, etc.....	675,251	835,823	1,023,859	(2)
Domestic laundry equipment.....	433,955	532,084	596,349	732,870
Elevators and moving stairways <sup>1</sup> .....	96,421	102,195	128,102	130,952
Fabricated pipe and fittings made from purchased pipe.....	109,991	(2)	214,133	209,690
Farm machinery (except tractors).....	844,251	1,051,877	1,060,306	1,127,608
Food-products machinery.....	334,733	323,609	371,408	382,670
Heat exchangers and steam condensers.....	52,627	76,621	162,757	124,287
Household mechanical refrigerators, incl. electric and gas.....	514,682	925,131	574,356	712,565
Industrial fans and blowers, including parts.....	129,913	129,785	274,045	273,840
Industrial furnaces and ovens.....	84,563	71,906	154,284	159,447
Industrial trucks, tractors, trailers, and stackers <sup>1</sup> .....	156,754	166,259	254,822	311,908
Internal combustion engines, exc. automotive and aircraft <sup>2</sup> .....	617,257	(4)	923,115	(4)
Machine tools.....	415,880	363,477	1,001,176	801,419
Mechanical power-transmission equipment.....	428,282	463,833	595,019	700,351
Mechanical stokers <sup>1</sup> .....	38,033	19,153	16,023	15,538
Office and store machines.....	178,890	208,399	236,998	271,318
Oil and gas field machinery and tools, incl. drilling equipment.....	262,939	333,043	468,716	647,255
Paper-industries machinery <sup>1</sup> .....	134,713	114,994	176,172	206,986
Printing-trades machinery and equipment <sup>1</sup> .....	191,282	200,682	228,774	247,990
Pumps and compressors.....	519,765	504,195	867,400	923,979
Scales and balances <sup>1</sup> .....	51,489	53,274	59,409	66,980
Sewing machines <sup>1</sup> .....	97,132	170,636	107,492	125,551
Steam engines and turbines.....	119,027	223,178	426,197	379,508
Textile machinery <sup>1</sup> .....	379,988	428,780	304,053	383,938
Tractors <sup>1</sup> .....	744,273	1,095,049	1,070,836	1,330,843
Typewriters <sup>1</sup> .....	140,163	130,410	141,677	164,473
Vacuum cleaners.....	150,647	167,260	144,182	176,208
Valves and fittings (except plumbing).....	548,715	711,778	911,678	1,083,524
Woodworking machinery.....	151,379	137,347	163,431	185,259

<sup>1</sup> Includes parts and attachments.

<sup>2</sup> Withheld because the estimate did not meet publication standards.

<sup>3</sup> Represents shipments to other companies only. <sup>4</sup> Not available.

<sup>5</sup> Includes interplant transfers not segregated by type of engine.

<sup>6</sup> Includes parts and attachments (except cases and cabinets, and sewing machine needles).

<sup>7</sup> Includes parts and attachments for replacement; beginning 1954 includes parts and attachments sold to other tractor plants, excluded for prior years.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures and U. S. Census of Manufactures: 1954*, Vol. II.

# No. 1083.—ELECTRICAL MACHINERY AND RELATED PRODUCTS—VALUE OF SHIPMENTS: 1947 TO 1955

[In thousands of dollars. Figures for 1950 and 1955 are based on sample and subject to sampling variation; see Technical Note, p. 773]

PRODUCT	1947	1950	1954	1955
Carbon and graphite products.....	68,604	99,750	114,519	152,176
Electric lamps (bulbs).....	191,706	245,157	309,650	357,426
Electrical appliances:				
Electric fans (except industrial type).....	48,656	60,402	88,359	74,504
Household water heaters.....	60,478	63,522	48,214	48,904
Small household electric appliances and soldering irons (except fans).....	249,109	306,004	370,591	426,105
Household ranges.....	132,235	218,478	164,110	223,715
Electrical equipment for internal combustion engines.....	337,015	486,964	564,325	690,611
Electrical hearing aids.....	18,868	23,073	29,032	31,851
Electrical measuring instruments.....	150,340	149,800	347,154	398,808
Electrical welding apparatus.....	107,616	109,825	160,025	212,346
Electron tubes:				
Transmitting and industrial type tubes, except X-ray tubes.....	25,321	(1)	162,554	180,702
Radio receiving-type tubes, except cathode ray.....	86,795	197,732	288,821	358,593
Cathode ray tubes (TV receiver type).....	7,137	(1)	212,968	205,284
Electro-therapeutic apparatus.....	7,601	7,967	14,428	(1)
Insulated wire and cable.....	895,128	879,915	1,026,695	1,379,613
Motors and generators.....	855,577	888,136	1,324,280	1,842,157
Phonograph records.....	102,015	85,203	80,224	79,655
Primary batteries (dry and wet) including parts and supplies.....	78,094	95,491	117,926	121,403
Radios and related products:				
Household radio receivers, televisionsets, radio phonographs, phonographs, and record players.....	810,066	1,637,073	1,384,560	1,580,320
Commercial radio communications, radio navigation aids, and broadcast equipment.....	225,262	268,611	1,374,879	1,167,005
Electronic type components for communications.....	348,916	697,356	987,928	1,060,655
Recorders, amplifiers, audio equipment, and recording magnetic wire.....	31,884	46,597	71,951	77,842
Storage batteries.....	293,358	318,546	336,118	365,159
Switchgear and switchboard apparatus.....	360,988	331,736	690,677	631,890
Telephone and telegraph equipment, including components, attachments, and accessories.....	631,919	449,546	755,469	919,784
Transformers.....	326,777	405,480	628,917	622,624
Wiring devices and supplies.....	375,653	491,959	569,229	698,309
X-ray equipment and X-ray tubes <sup>1</sup> .....	49,569	40,277	53,672	50,178

<sup>1</sup> Withheld because the estimate did not meet publication standards.

<sup>2</sup> Includes X-ray accessories and dental and industrial X-ray components and assemblies.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures and U. S. Census of Manufactures: 1954*, Vol. II.

## No. 1084.—EXPORTS OF ELECTRIC HOME APPLIANCES—NUMBER: 1940 TO 1957

[In thousands. Export figures include shipments under foreign aid programs such as UNRRA, Interim Aid ECA, and FOA; Civilian Supply shipments are included in 1950 and subsequent years]

PRODUCT	1940	1945	1950	1953	1954	1955	1956	1957
Vacuum cleaners.....	10	1	20	56	50	69	90	103
Clocks.....	87	27	315	217	170	212	214	180
Irons.....	163	54	241	155	169	170	172	143
Radios and televisions.....	553	39	423	451	395	388	415	392
Refrigerators <sup>1</sup> .....	102	7	200	404	322	361	374	352
Razors.....	37	2	25	(2)	(2)	(2)	(2)	(2)
Washing machines.....	30	1	53	81	80	83	92	91
Ranges.....	7	1	6	22	25	34	26	19

<sup>1</sup> Beginning 1950 includes home freezers.   <sup>2</sup> Not separately reported.

Source: Department of Commerce, Bureau of the Census; 1940 and 1945, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

# No. 1085.—MANUFACTURERS' SALES OF HOME APPLIANCES, 1940 TO 1957, RETAIL VALUE, 1955 TO 1957, AND HOMES OWNING AND WITHOUT APPLIANCES, 1958

Lamp bulbs and tubes sales in millions; other figures in thousands. Compiled from sales reports and estimates of associations and manufacturers, and from Census Bureau surveys of manufacturers. Sales figures represent manufacturers' sales including exports. Unless otherwise specified, figures are for electric appliances only. Estimates for homes owning appliances and homes without appliances are based on the accumulation of yearly sales totals with certain allowances for replacement, trade-ins, junking, and other factors]

PRODUCT	1940	1950	1955		1956		1957		JAN. 1958	
			Sales (units)	Retail value	Sales (units)	Retail value	Sales (units)	Retail value	Homes owning <sup>1</sup>	Homes without <sup>1</sup>
Air conditioners, room-----	11	201	1,276	\$382,650	1,828	\$534,800	1,600	\$506,400	4,650	43,950
Bed coverings, electric-----		800	1,460	44,530	2,085	58,380	2,200	57,200	7,400	41,200
Blenders-----		225	405	14,415	480	16,776	510	19,354	3,106	45,506
Cleaners, vacuum (floor type)-----	1,841	3,529	3,270	285,702	3,722	304,377	3,275	276,312	33,200	15,400
Clocks-----	3,600	8,100	7,200	50,040	9,750	65,812	8,400	54,600	36,400	12,200
Coffee makers, automatic-----		900	3,675	71,663	5,100	98,685	4,400	85,850	20,500	28,100
Dehumidifiers-----		45	96	12,192	275	34,375	225	26,100	910	47,690
Dishwashers, motor-driven-----		230	295	90,270	400	116,000	390	104,250	2,525	46,075
Driers, clothes, total-----		319	1,397	309,050	1,523	338,017	1,319	301,273	6,650	41,950
Electric-----		251	1,028	216,752			924	200,421		
Gas-----		68	369	92,298			396	100,852		
Fans:-----										
Attic-----		95	140	17,500	110	13,750	98	12,735		
Desk and bracket-----	1,682	2,450	2,525	50,373	2,400	47,850	1,725	34,415		
Hassock or floor-----		180	250	10,464	135	6,682	105	5,197		
Ventilating, wall and ceiling-----	107	495	860	30,100	1,395	51,615	1,345	49,765		
Window ventilating-----			1,645	82,168	2,525	119,937	1,700	71,825		
Portable roll-abouts-----			165	12,787	300	19,290	330	17,160		
Floor polishers-----		240	375	20,250	415	23,863	595	29,720		
Food waste disposers-----		320	520	59,800	610	67,950	550	49,473	3,645	44,955
Freezers, home-----		890	1,100	439,945	975	380,200	925	346,875	9,350	39,250
Fryers, deep fat-----		500	1,925	33,687	1,450	22,475	1,100	16,445		
Frypan—skillets-----			2,660	50,540	6,100	109,495	5,200	98,500	14,600	34,000
Gas central heating equipment <sup>2</sup> -----	117	1,025	1,135		1,096		969		11,250	
Heaters, electric, total-----	528	1,115	3,360	100,227	3,806	112,850	3,710	108,448	12,985	35,615
Heating pads-----	932	1,725	1,980	12,177	2,215	13,179	2,155	13,145	17,725	30,875
Hotplates-----	415	1,160	950	7,363	760	6,042	680	5,247	11,235	37,365
Irons-----	176	409	87	18,352	64	13,760	48	10,442	4,300	44,300
Irons, total-----	2,597	6,880	7,930	112,871	8,505	119,075	7,635	117,865	43,500	5,100
Kitchen cabinets, steel-----		2,969	4,046	209,328	3,000	170,000	2,490	150,120		
Lamp bulbs and tubes-----	1,115	2,007	2,479	724	2,660	812	2,745	871		
Incandescent-----	568	934	1,009	300	1,101	325	1,100	350		
Other types-----	548	1,073	1,470	424	1,559	487	1,645	521		
Lawn mowers, power-----	42	1,080	2,750	236,500	3,200	252,800	3,300	278,850		
Mixers, food:-----										
Standard-----	466	1,700	1,615	71,464	1,600	70,400	1,200	52,800		
Portable-----		145	1,625	31,688	2,645	48,932	2,400	44,400	22,975	25,625
Oil space heaters-----	390	886	379	37,134	377	36,933	325	33,150		
Phonographs—record players:-----										
Single players-----			2,234	154,125	3,338	230,322	3,775	282,000		
Combination units-----			509	101,800	526	105,200	750	158,000		
Record player attachments-----			380	13,300	312	10,920	325	13,000		
Radio:-----										
Home radios-----	11,860	8,175	3,394	97,575	3,501	87,525	4,100	102,500	48,500	1,585
Portable and clock radios-----		1,675	4,271	147,035	5,424	199,981	5,700	220,200		
Ranges:-----										
Electric-----	450	1,830	1,600	423,800	1,585	412,645	1,365	361,675		
Standard-----	450	1,830	1,400	366,800	1,200	306,000	940	239,700	14,200	34,400
Built-in-----			200	57,000	385	106,645	425	121,975	1,110	47,400
Gas, domestic <sup>3</sup> -----	1,742	3,031	2,256		2,015		1,776		32,500	
Recorders, magnetic-----			360	54,000	400	60,000	500	100,000		
Refrigerators-----	2,700	6,200	4,200	1,323,000	3,701	1,202,500	3,350	1,072,000	47,360	1,300
Roasters-----	260	400	330	13,184	225	9,000	135	6,075	4,828	43,772
Shavers-----	900	2,150	4,750	121,125	6,600	138,600	6,650	132,667	26,900	21,700
Television-----		7,464	7,757	1,745,212	7,387	1,403,530	6,500	1,235,000	41,800	6,800
Toasters-----	2,307	4,625	3,565	60,243	3,980	70,541	4,000	71,874	37,800	16,800
Waffle iron and sandwich grills-----	1,545	2,535	995	18,905	980	19,550	895	17,855	16,500	32,100
Washing machines:-----										
Automatic and semi-automatic-----										
Wringer and spinner-----	1,455	1,646	3,123	845,407	3,314	911,350	2,865	802,200	43,000	5,600
Washer-drier combinations-----		2,626	1,268	187,030	1,228	185,428	990	153,450		
Water heaters:-----					104	54,300	187	95,370		
Electric storage-----	125	990	900	103,500	870	95,700	800	84,000	8,450	40,150
Gas, automatic domestic <sup>3</sup> -----	551	2,364	2,748		2,764		2,545			
Water systems-----	250	723	788	130,000	775	120,125	750	112,500		

<sup>1</sup> All figures except radio based on 49 million domestic and farm electric customers. Radio based on 50,085,000 total homes.

<sup>2</sup> Source: American Gas Association from data supplied by Gas Appliance Manufacturers Association.

<sup>3</sup> Portable (electric). <sup>4</sup> Standard.

Source: *Electrical Merchandising*, January 1958; published by McGraw-Hill Publishing Co., Inc., New York, N. Y. (except as noted).



### No. 1086.—SHIPMENTS OF AIR-CONDITIONING AND REFRIGERATION EQUIPMENT: 1945 TO 1956

[Value figures in thousands of dollars. Represent manufacturer's billing prices for units actually billed and shipped.  
Data for earlier years are less complete, and thus not strictly comparable]

PRODUCT	1945		1950		1955		1956	
	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units.....	354,491	36,902	885,913	75,833	589,335	71,067	619,922	82,290
Ammonia refrigerants.....	1,785	2,503	245	352	84	164	58	120
Refrigerants except ammonia.....	352,616	34,399	885,668	75,481	589,251	70,913	619,864	82,170
Air-cooled.....	327,031	23,373	835,239	59,035	523,200	46,050	550,301	55,146
Water-cooled.....	25,585	11,021	50,429	16,446	66,051	24,863	69,563	27,024
Compressors and compressor units.....	107,340	9,578	954,368	46,977	2,554,031	116,917	3,780,931	166,220
Centrifugal-refrigeration systems.....	185	2,994	382	12,249	818	25,732	921	29,105
Heat-exchanger equipment.....		22,422		61,337		114,064		146,486
Evaporative condensers.....	2,885	2,829	7,818	8,869	5,833	9,567	5,712	10,203
Unit coolers.....	91,003	10,136	133,300	24,588	97,034	15,053	96,754	16,232
Other heat-exchanger equipment.....		9,407		27,880		89,414		119,991
Packaged air-conditioning equipment.....		(1)		(1)		369,862		494,028
Ice-making machines.....	2,805	4,044	14,914	8,907	31,521	16,369	31,416	18,112

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M52A.

### No. 1087.—FARM MACHINES AND EQUIPMENT—SHIPMENTS: 1929 TO 1956

[In thousands of dollars. Includes data for tractors for nonfarm use; for figures excluding these data, see table 1089; Survey suspended 1932-34. Data prior to 1947 represent sales, not significantly different from shipments]

YEAR	Total	Farm machines and equipment	Attachments and parts	YEAR	Total	Farm machines and equipment	Attachments and parts
1929.....	492,902	411,681	81,311	1945.....	996,557	697,422	299,135
1930.....	417,926	340,276	77,650	1946.....	983,515	699,965	283,550
1931.....	208,575	157,745	50,830	1947.....	1,502,598	1,100,592	402,006
1935.....	277,089	218,452	58,627	1948.....	1,961,987	1,475,998	485,989
1936.....	375,128	301,683	73,445	1949.....	2,062,266	1,588,435	473,831
1937.....	485,130	405,597	79,533	1950.....	2,099,807	1,637,272	462,535
1938.....	404,047	316,886	87,161	1951.....	2,635,996	2,029,779	606,217
1939.....	386,549	300,286	86,263	1952.....	2,397,535	1,812,286	585,249
1940.....	462,415	360,963	101,452	1953.....	2,274,942	1,748,460	526,482
1941.....	638,605	506,170	132,435	1954.....	<sup>1</sup> 1,877,361	1,405,755	471,606
1942.....	622,528	414,536	207,992	1955.....	2,243,000	1,693,689	549,311
1943.....	602,290	344,854	257,436	1956.....	2,304,578	1,650,452	654,126
1944.....	1,026,207	694,880	331,327				

<sup>1</sup> Excludes \$20,611,000 in farm machines and equipment not specified by kind which could not be separated between complete units and attachments and parts.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M35A.

# No. 1088.—TRACTORS, ATTACHMENTS, AND PARTS (DOMESTIC AND EXPORT)—SHIPMENTS, BY KIND: 1945 TO 1956

[Value in thousands of dollars. Data for 1945 represent sales, not significantly different from shipments]

YEAR AND TYPE OF PRODUCT	Total value	COMPLETE UNITS				ATTACHMENTS AND PARTS (value)	
		Domestic		Export		Domestic	Export
		Number	Value	Number	Value		
<b>Total:</b>							
1945	559,378	252,086	329,171	63,566	55,325	155,992	18,890
1950	1,098,049	604,686	649,972	93,658	170,059	218,287	59,731
1952	1,293,481	591,502	743,543	76,322	181,072	281,051	87,815
1953	1,271,834	573,213	729,925	79,548	218,362	248,736	74,811
1954 <sup>1</sup>	(2)	367,909	538,247	68,443	193,354	(2)	(2)
1955 <sup>2</sup>	1,330,843	(2)	(2)	(2)	(2)	(2)	(2)
1956	1,449,791	(2)	(2)	(2)	(2)	(2)	(2)
<b>Wheel type:</b>							
1945	250,069	186,281	126,357	57,411	42,539	67,427	13,746
1950	705,152	425,815	478,238	74,102	96,057	111,315	19,542
1952	774,072	360,366	516,847	56,811	98,820	129,436	28,960
1953	726,937	336,401	494,981	53,965	95,841	112,470	24,145
1954	(2)	212,832	360,404	43,860	82,863	(2)	(2)
1955 <sup>2</sup>	737,341	(2)	(2)	(2)	(2)	(2)	(2)
1956	664,169	(2)	(2)	(2)	(2)	(2)	(2)
<b>Tracklaying:</b>							
1945	303,269	39,404	199,461	4,594	12,547	86,255	5,006
1950	360,437	29,167	150,205	15,433	73,282	97,115	39,835
1952	477,920	33,596	199,352	14,359	81,489	158,682	58,397
1953	500,143	31,692	206,698	18,905	121,998	121,387	50,060
1954	403,166	23,783	158,580	16,591	109,338	94,800	40,388
1955	556,784	31,036	225,831	17,855	133,612	(2)	(2)
1956	747,998	34,461	286,402	20,956	184,982	(2)	(2)
<b>Garden type:</b>							
1945	6,040	26,401	3,353	1,561	239	2,310	138
1950	32,460	149,704	21,529	4,123	720	9,857	354
1952	41,489	197,540	27,344	4,952	754	12,933	458
1953	44,764	205,120	28,246	6,075	1,023	14,879	606
1954 <sup>1</sup>	(2)	131,294	19,203	7,092	1,153	(2)	(2)
1955	36,738	187,724	23,237	4,900	763	12,080	658
1956	37,624	166,409	24,086	7,822	1,029	11,775	734

<sup>1</sup> Excludes 51,949 motor tillers of 2 engine horsepower and under, valued at \$4,428,000, for which no data are available on domestic or export shipments. <sup>2</sup> Not available.

<sup>3</sup> Excludes 4,021 contractors' off-highway wheel tractors valued at \$62,658,000 for which no data are available on domestic or export shipments.

# No. 1089.—FARM MACHINES AND EQUIPMENT—SHIPMENTS, BY CLASS: 1945 TO 1956

[In thousands of dollars. Excludes data for tractors for nonfarm use. Data for 1945 represent sales, not significantly different from shipments]

CLASS	1945	1950	1953	1954	1955	1956
<b>Total</b>	700,177	1,792,427	1,648,412	(1)	(1)	(1)
Farm machines and equipment (complete units)	490,504	1,437,824	1,314,287	(1)	(1)	(1)
Attachments and parts	209,673	354,603	334,125	(1)	(1)	(1)
COMPLETE UNITS, ATTACHMENTS, AND PARTS						
Plows and listers	40,163	100,326	68,703	66,506	66,417	60,972
Harrows, rollers, pulverizers, and stalk cutters	22,598	77,716	78,785	70,605	74,708	73,953
Planting, seeding, and fertilizing machinery	43,286	113,053	107,443	93,593	89,088	80,206
Cultivators and weedeers	33,667	57,253	54,829	42,584	52,640	49,379
Sprayers and dusters	14,715	36,779	34,701	37,674	38,254	41,410
Harvesting machinery	99,361	288,153	294,024	252,566	243,561	226,139
Haying machinery	49,456	154,979	191,441	147,883	168,447	149,018
Machines for preparing crops for market or for use	25,230	30,552	29,919	33,892	33,070	31,437
Farm poultry equipment	24,868	30,127	27,216	25,566	28,429	36,058
Farm dairy machines and equipment	46,752	22,969	24,292	22,183	19,260	21,455
Barn equipment	7,087	11,300	15,107	12,856	12,405	15,460
Barnyard equipment	8,087	17,777	12,507	16,742	18,381	15,401
Farm elevators and blowers	6,144	34,671	37,664	37,072	38,251	32,824
Farm wagons, trucks, and other farm transportation equipment	15,864	26,103	26,555	23,545	29,238	23,445
Tractors for farm use	262,999	790,669	645,226	(1)	(1)	(1)

<sup>1</sup> Not available. <sup>2</sup> Domestic shipments only.

Source of tables 1088 and 1089: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M35A and M37B.

## Section 31

### Distribution and Services

This section presents statistics relating to retail, wholesale, and service trades. The data are shown for the distribution trades classified by kind of business and for the different categories of services (personal, business, repair, amusement, hotel, etc.) and cover sales or receipts, establishments, employees, payrolls, proprietors, and other items. A number of tables are also included on advertising expenditures.

The principal sources of these data are the reports of the Census of Business conducted periodically by the Bureau of the Census and the same agency's reports resulting from its annual and monthly surveys. Other important government sources devoted to particular aspects of the distribution and service trades are the monthly *Federal Reserve Bulletin* (department store data) issued by the Board of Governors of the Federal Reserve System, and the monthly *Survey of Current Business* (retail sales, sales and inventories of wholesalers, consumer expenditures for services, etc.) issued by the Office of Business Economics. Financial data for tax-filing and securities-listed corporations engaged in retail, wholesale, or service trades appear in the annual *Statistics of Income* published by the Internal Revenue Service and are also available from the Securities and Exchange Commission. The Federal Trade Commission, in the course of its investigations, also collects operating statistics on firms and chains in various kinds of business.

**Censuses and current surveys.**—Censuses of Business have been taken at intervals since 1929. A census covering the year 1954 was the first taken under present legislation which provides for a quinquennial Census of Business.

Current sample surveys of the Bureau of the Census are conducted with varying scope for the retail and wholesale trades. The Bureau compiles monthly reports of the dollar volume of retail sales by kinds of business, showing national and regional estimates, and trends in selected large metropolitan areas. These appear in the *Monthly Retail Trade Report*. Annual figures on sales, inventories, and receivables, classified by kind of business, are presented in the *Annual Retail Trade Report*.

Statistics from the Bureau's wholesale trade survey, which is conducted monthly, present dollar volume of sales, inventory trends, and stock-sales ratios of merchant wholesalers, by kind of business and by geographic divisions. These data appear in the *Monthly Wholesale Trade Report* and are based on reports submitted by a sample of firms representing merchant wholesalers in all kinds of businesses. Monthly estimates of aggregate sales and inventories of all wholesalers are prepared by the Office of Business Economics and published in the *Survey of Current Business*.

The Bureau of the Census also compiles and issues current information on distributor stocks of various canned foods and on inventories of green coffee held and green coffee roasted by roasters, importers, and dealers.

Estimates obtained from the annual and monthly surveys are based on sample data, and exact agreement is not expected with the results that would be obtained from a complete census of all establishments. Measures of the sampling variability are shown in the source reports cited; these measures do not include biases which might arise from differences of response or nonreporting.

*Note.*—This section presents data for the most recent year or period available on June 4, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

**Establishments and coverage.**—The business establishments covered in the fields included in the Census of Business may be generally described as follows:

**Retail trade.**—Places of business primarily engaged in selling merchandise for personal, household, or farm consumption;

**Wholesale trade.**—Establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and

**Service.**—Establishments engaged primarily in the sale of services as contrasted with the sale of merchandise.

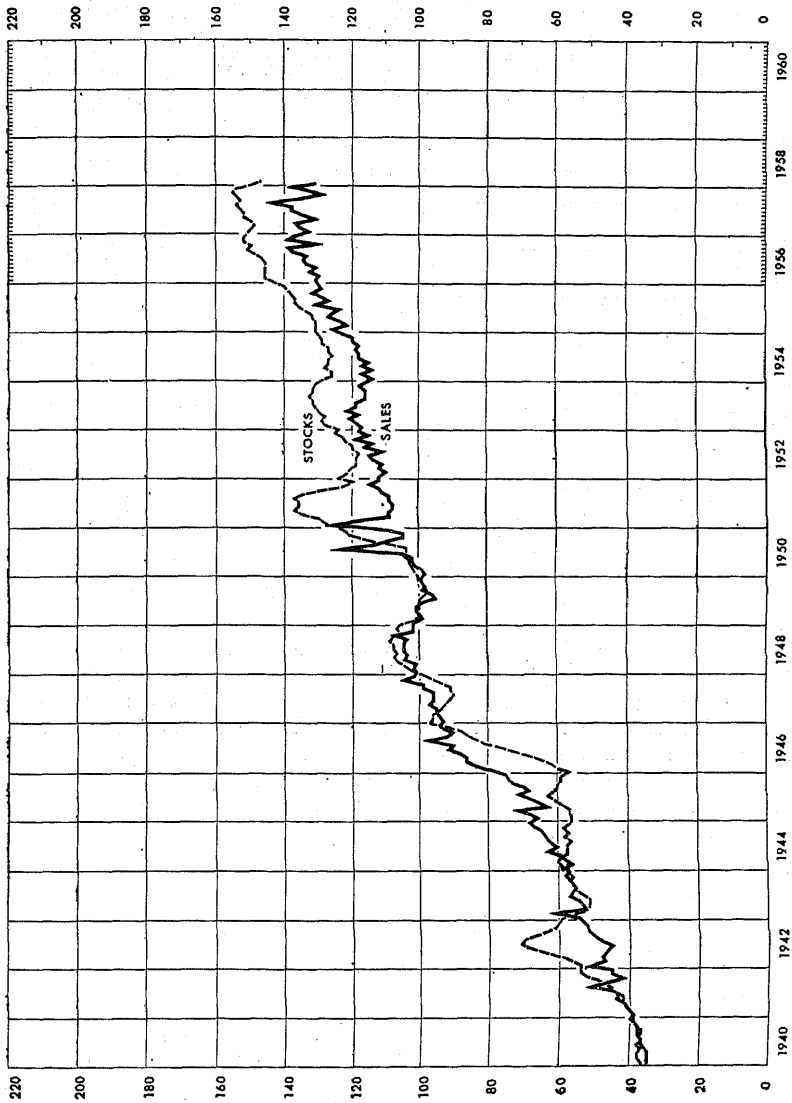
Certain types of businesses, broadly defined, generally are not included in the Census of Business. Outstanding in this group are the business activities of doctors, lawyers, dentists, and others performing a professional or scientific service, educational institutions, religious or charitable institutions, hospitals and infirmaries, public utilities, and government-operated enterprises.

Data on retail and service trades from the 1948 Census excluded all establishments which had receipts of less than \$500; 1954 data exclude establishments with no paid employment which had receipts of less than \$2,500 and \$1,000 for retail trade and service trades, respectively. This change does not significantly affect sales comparisons but makes considerable difference in some kinds of establishment counts.

Wholesale trade establishments with no paid employment, included in 1948, were excluded from the 1954 Census. Service trades coverage for 1954 was expanded beyond that for 1948 to include data on golf and country clubs; motion picture production, distribution, etc.; trailer parks, and sporting and recreational camps. Different enumerating techniques adopted for the 1954 Census also increased coverage, particularly of business service and amusement establishments.

**Advertising.**—Statistics shown here on advertising expenditures are compiled by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown on advertising expenditures, defines national advertising as that advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as advertising done for companies which market their products locally and may pay special "local" media rates. Monthly figures are published regularly in *Printers' Ink*, in *Tide Magazine* and also by the Department of Commerce in the *Survey of Current Business*.

FIG. XII.—INDEXES OF DEPARTMENT STORE SALES AND STOCKS: 1940 TO 1958  
[1947-49=100. Monthly data, adjusted for seasonal variation. See table 1102]



Source: Board of Governors of the Federal Reserve System.

**No. 1090.—RETAIL TRADE—SALES OF RETAIL STORES AND MULTIUNIT ORGANIZATIONS: 1929 TO 1958**  
 [In millions of dollars]

YEAR	ALL RETAIL STORES			MULTIUNIT ORGANIZATIONS <sup>1</sup>		
	Total	Durable	Nondurable	Total	Durable	Nondurable
<b>Old series:</b>						
1929	48,459	15,610	32,849	10,412	1,683	8,729
1935	32,791	8,321	24,470	8,040	813	7,227
1939	42,042	11,312	30,730	9,570	1,024	8,546
1945	78,034	16,026	62,008	17,280	1,627	15,653
1946	102,488	27,570	74,918	22,514	2,510	20,004
1947	119,604	36,652	82,952	26,958	3,100	23,858
1948	130,521	41,876	88,645	29,737	3,407	26,330
1949	130,721	43,882	86,839	29,041	3,240	25,801
1950	143,689	52,935	90,754	31,232	3,863	27,369
1951	152,975	53,170	99,805	34,000	3,825	30,175
<b>New series:<sup>2</sup></b>						
1951	156,548	54,479	102,069	28,536	2,521	26,015
1952	162,353	55,270	107,083	30,120	2,605	27,515
1953	169,094	60,371	108,723	30,929	2,580	28,349
1954	169,135	58,173	110,962	31,690	2,582	29,108
1955	183,851	66,978	116,873	33,918	2,790	31,128
1956	189,720	65,810	123,919	39,754	3,097	36,657
1957	200,002	68,460	131,542	41,899	3,031	38,868
First quarter	44,586	15,431	29,155	9,025	623	8,402
Second quarter	50,761	18,243	32,518	10,450	785	9,665
Third quarter	50,727	17,668	33,059	10,291	789	9,502
Fourth quarter	53,928	17,118	36,810	12,133	834	11,299
1958, first quarter	44,026	13,961	30,066	9,438	615	8,823

<sup>1</sup> Old series based on sales of organizations with 4 or more retail stores; new series for 1951-55 based on sales of organizations which in 1948 operated 11 or more retail stores, and beginning 1956, based on sales of organizations which, in 1954, operated 11 or more retail stores.

<sup>2</sup> New series not comparable to prior years due to change in methodology used to compute retail store sales estimates; see *Survey of Current Business*, September and November 1952.

**No. 1091.—RETAIL STORES—SALES, BY KIND OF BUSINESS: 1954 TO 1958**  
 [In millions of dollars]

KIND OF BUSINESS	1954	1955	1956	1957					1958, first quarter
				Total	First quarter	Second quarter	Third quarter	Fourth quarter	
<b>All retail stores<sup>1</sup></b>	169,135	183,851	189,729	200,002	44,586	50,761	50,727	53,928	44,626
<b>Durable goods stores<sup>2</sup></b>	58,173	66,978	65,810	68,460	15,431	18,243	17,668	17,118	13,961
Automotive group	31,665	38,226	36,122	38,590	9,262	10,550	9,847	8,931	8,070
Motor-vehicle, other automotive dealers	29,962	36,267	34,050	36,298	8,821	9,960	9,195	8,322	7,637
Tire, battery, accessory dealers	1,703	1,959	2,072	2,292	441	590	652	609	433
Furniture and appliance group	9,079	10,055	10,667	10,584	2,335	2,598	2,627	3,024	2,268
Furniture, home furnishings stores	5,291	6,116	6,568	6,601	1,472	1,609	1,634	1,886	1,456
Household-appliance, radio stores	3,788	3,939	4,099	3,983	863	989	993	1,138	813
Lumber, building, hardware group	10,135	11,030	11,205	10,687	2,046	2,828	3,017	2,796	1,974
Lumber, building-materials dealers	7,433	8,242	8,312	7,950	1,481	2,105	2,320	2,044	1,469
Hardware stores	2,702	2,788	2,893	2,737	565	723	697	752	505
<b>Nondurable goods stores<sup>1,2</sup></b>	110,962	116,873	123,919	131,542	29,155	32,518	33,059	36,810	30,666
Apparel group	10,147	10,791	11,610	12,277	2,310	3,123	2,832	4,012	2,510
Men's and boys' wear	2,239	2,294	2,469	2,487	482	610	534	861	486
Women's apparel, accessory stores	4,009	4,207	4,541	4,914	939	1,266	1,126	1,583	1,013
Family and other apparel	2,090	2,281	2,532	2,785	488	665	648	984	570
Shoe stores	1,809	2,009	2,068	2,091	401	582	524	584	441
Drug and proprietary stores	4,940	5,232	5,775	6,325	1,455	1,533	1,556	1,781	1,579
Eating and drinking places	13,127	13,662	14,317	14,788	3,292	3,695	4,094	3,707	3,285
Food group <sup>1,2</sup>	40,106	42,010	44,223	47,786	11,084	11,790	12,319	12,593	12,006
Grocery stores	34,993	36,919	39,180	42,444	9,866	10,489	10,931	11,158	10,641
Gasoline service stations	11,443	12,411	13,738	15,070	3,385	3,831	4,020	3,834	3,544
General merchandise group	18,857	20,100	20,762	21,157	4,097	5,108	5,010	6,942	4,130
Department stores, excluding mail-order	10,272	10,882	11,327	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,350
Mail-order (catalog sales)	1,222	1,331	1,407	1,477	290	335	346	506	314
Variety stores	3,027	3,295	3,423	3,523	652	838	829	1,204	667
Other general merchandise	4,336	4,592	4,605	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Liquor stores	3,415	3,546	3,944	4,212	914	974	1,050	1,274	949

<sup>1</sup> Excludes data for milk dealers' establishments with processing on the premises, now classified as manufacturing plants, according to the 1954 Census of Business.

<sup>2</sup> Includes data not shown separately. <sup>3</sup> Not shown separately.

Source of tables 1090 and 1091: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

# **No. 1092.—RETAIL TRADE—SALES OF ORGANIZATIONS OPERATING 11 OR MORE RETAIL STORES, BY KIND OF BUSINESS: 1954 TO 1958**

In millions of dollars. 1954 and 1955 based on sales of organizations which in 1948 operated 11 or more retail stores; beginning 1956, based on sales of organizations which, in 1954, operated 11 or more retail stores<sup>1</sup>

KIND OF BUSINESS	1954	1955	1956	1957					1958, first quarter
				Total	First quarter	Second quarter	Third quarter	Fourth quarter	
<b>Total sales</b> .....	<b>31,690</b>	<b>33,918</b>	<b>39,754</b>	<b>41,899</b>	<b>9,025</b>	<b>10,450</b>	<b>10,291</b>	<b>12,133</b>	<b>9,438</b>
<b>Durable goods stores</b> <sup>1</sup> .....	<b>2,582</b>	<b>2,790</b>	<b>3,097</b>	<b>3,031</b>	<b>623</b>	<b>785</b>	<b>789</b>	<b>834</b>	<b>615</b>
Tire, battery, accessory dealers.....	609	700	763	815	155	218	215	227	160
Furniture and appliance group.....	724	714	953	924	208	229	223	264	206
Furniture, homefurnishings stores.....	346	347	467	444	102	110	105	127	105
Household-appliance, radio stores.....	378	366	486	480	106	119	118	137	101
Lumber, building, hardware group.....	1,178	1,300	1,131	1,053	206	280	296	271	203
Lumber, building-materials dealers.....	750	837	810	723	140	193	211	179	137
<b>Nondurable goods stores</b> .....	<b>29,108</b>	<b>31,128</b>	<b>36,657</b>	<b>38,868</b>	<b>8,402</b>	<b>9,665</b>	<b>9,502</b>	<b>11,299</b>	<b>8,823</b>
Apparel group.....	2,041	2,166	2,616	2,696	493	730	610	863	522
Men's and boys' wear stores.....	187	186	219	232	40	60	47	85	43
Women's apparel, accessory stores.....	794	852	1,093	1,141	208	302	265	366	218
Family and other apparel stores.....	385	404	534	523	100	135	107	181	100
Shoe stores.....	675	724	770	800	146	232	191	231	161
Drug and proprietary stores.....	760	785	943	1,032	228	247	250	307	247
Eating and drinking places.....	662	707	821	868	199	218	232	219	199
Food group <sup>1</sup> .....	14,344	15,247	16,636	18,223	4,331	4,525	4,559	4,808	4,638
Grocery stores.....	13,357	14,222	15,894	17,379	4,153	4,307	4,344	4,575	4,485
Gasoline service stations.....	538	561	732	818	175	205	225	213	199
General merchandise group.....	8,862	9,726	12,805	13,092	2,492	3,205	3,116	4,279	2,488
Department stores, excluding mail-order.....	4,092	4,575	7,630	7,790	1,503	1,962	1,862	2,463	1,467
Mail-order (catalog sales).....	1,130	1,233	1,362	(2)	(2)	(2)	(2)	(2)	(2)
Variety stores.....	2,357	2,508	2,619	2,667	494	633	619	921	506
Other general merchandise stores.....	1,283	1,410	1,194	(2)	(2)	(2)	(2)	(2)	(2)
Other retail stores.....	1,901	1,936	(2)	(2)	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> Includes data not shown separately.

<sup>2</sup> Not shown separately.

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

## **No. 1093.—RETAIL STORES—SALES, BY KIND OF BUSINESS, BY REGIONS: 1957**

[In millions of dollars. Based on sample survey. For composition of regions, see fig. I, p. XIII]

KIND OF BUSINESS	United States	North-east	North Central	South	West
<b>All retail stores</b> <sup>1</sup> .....	<b>200,002</b>	<b>52,989</b>	<b>60,421</b>	<b>52,061</b>	<b>34,531</b>
Food group.....	47,786	13,277	13,746	12,391	8,372
Grocery stores <sup>2</sup> .....	42,444	10,677	12,309	11,655	7,803
Eating and drinking places.....	14,785	4,833	4,486	2,865	2,601
General merchandise group.....	21,156	5,195	6,473	6,000	3,488
Apparel group.....	12,279	4,286	3,201	3,214	1,578
Furniture and appliance group.....	10,586	2,978	3,034	2,678	1,896
Lumber, building, hardware group.....	13,792	2,998	5,187	3,067	2,540
Automotive group.....	38,591	9,054	11,403	11,121	7,013
Gasoline service stations.....	15,070	2,760	5,301	4,151	2,858
Drug and proprietary stores.....	6,324	1,560	1,879	1,787	1,100

<sup>1</sup> Includes data for kinds of business not shown separately.

<sup>2</sup> Includes data for grocery stores with and without fresh meat.

Source: Department of Commerce, Bureau of the Census; *Annual Retail Trade Report, 1957*.

No. 1094.—RETAIL TRADE—MERCHANDISE INVENTORIES, 1955 TO 1957, AND SALES—INVENTORY RATIOS, 1956 AND 1957, BY KIND OF BUSINESS  
 (Inventories in millions of dollars. As of December 31. Based on sample; see source for sampling variability)

KIND OF BUSINESS	MERCHANDISE INVENTORIES AT COST										SALES-INVENTORY RATIOS <sup>1</sup>			
	All retail stores					Organizations operating 11 or more retail stores					All retail stores		Organizations operating 11 or more stores <sup>2</sup>	
	Retail stores					Warehouses								
	1955	1956	1957	1955	1956	1957	1955	1956	1957					
Total	20,994.5	21,165.6	22,335.0	2,891.8	3,417.4	3,557.5	914.9	1,059.5	1,086.3	9.1	8.9	11.5	11.5	11.8
Food group	2,190.4	2,286.4	2,378.5	402.0	551.8	614.1	419.0	457.1	475.1	20.1	20.6	30.1	30.1	29.7
Grocery stores <sup>3</sup>	2,028.1	2,123.9	2,205.2	442.3	529.0	592.3	396.5	436.5	455.0	19.3	19.7	30.1	30.1	29.6
Eating and drinking places	462.4	433.1	412.6	12.2	14.4	13.8	7.6	9.9	10.4	31.6	34.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
General merchandise group	3,100.5	3,217.7	3,240.8	1,329.6	1,657.7	1,666.5	157.9	183.3	193.8	6.5	6.8	7.6	7.6	7.8
Department stores and dry goods, general merchandise stores	( <sup>4</sup> )	2,147.6	2,154.5	( <sup>4</sup> )	1,058.2	1,048.1	( <sup>4</sup> )	141.1	146.4	6.9	7.3	8.2	8.2	8.5
Department stores	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Variety stores	554.8	597.7	616.3	349.2	373.7	391.6	43.0	41.3	46.5	7.6	8.1	8.3	8.3	8.7
Mail-order houses (department store merchandise)	229.0	225.9	228.1	229.0	373.7	391.6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	6.0	5.9	7.1	6.9	6.9
Apparel group	2,336.9	2,583.3	2,738.5	290.4	399.3	425.5	62.6	63.7	63.8	4.7	4.6	6.4	6.4	6.2
Men's, boys' clothing, and furnishings stores	613.9	657.4	686.7	32.8	57.8	60.6	9.3	13.5	10.9	3.5	3.4	4.2	4.2	4.0
Women's ready-to-wear stores	635.6	688.8	708.3	68.2	101.9	104.6	9.1	9.0	9.5	6.4	6.6	10.0	10.0	10.1
Shoe stores	474.7	510.0	561.9	112.4	145.6	155.6	25.6	25.0	27.2	3.9	3.7	5.3	5.3	5.2
Furniture and appliance group	1,769.8	1,844.2	1,808.5	90.4	110.5	112.6	28.8	30.4	35.5	5.8	5.7	9.1	9.1	8.9
Furniture, home furnishings stores	1,195.4	1,257.2	1,296.8	28.0	33.6	37.6	26.2	32.8	37.3	5.4	5.3	13.2	13.2	12.4
Furniture stores	944.8	999.9	993.3	27.0	33.3	36.5	8.2	14.3	18.1	3.1	3.0	7.7	7.7	7.3
Household appliance, radio stores	574.4	587.0	541.7	62.4	76.9	75.0	13.5	17.6	18.2	6.8	6.5	7.0	6.9	6.8
Household appliance dealers	442.6	441.4	411.1	56.3	76.6	74.8	11.1	17.4	18.1	6.9	6.6	6.9	6.7	6.7
Lumber, building hardware, farm equipment group	3,055.1	3,117.7	3,196.4	271.1	255.5	253.3	26.7	49.4	49.4	4.5	4.3	4.0	4.0	4.0
Lumber yards, building materials dealers, paint, plumbing, electrical stores	1,353.4	1,366.3	1,428.6	191.8	171.5	168.4	13.6	11.0	11.4	5.8	5.7	4.2	4.2	4.1
Lumber yards, building materials dealers	1,116.9	1,124.3	1,200.6	155.2	139.7	133.2	2.4	6.2	6.3	5.8	5.6	3.8	3.8	3.7
Hardware stores	786.9	842.6	824.0	( <sup>4</sup> )	64.0	61.0	( <sup>4</sup> )	31.5	31.8	3.6	3.2	5.1	5.1	5.5
Farm equipment dealers	914.8	908.8	943.8	( <sup>4</sup> )	20.0	23.9	( <sup>4</sup> )	6.9	6.2	3.4	3.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Automotive group	4,152.2	3,513.8	4,340.5	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	25.1	27.3	31.1	10.1	8.3	6.5	6.5	5.9
Passenger car, other automotive dealers	3,835.5	3,169.2	3,984.5	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	10.6	8.5	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Passenger car dealers	3,712.1	2,992.7	3,773.9	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	10.9	8.7	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Tire, battery, accessory dealers	316.6	344.6	356.0	119.4	128.7	147.5	25.1	27.3	31.1	5.8	5.7	6.0	6.0	5.4
Gasoline service stations	609.0	649.8	672.1	13.4	( <sup>4</sup> )	( <sup>4</sup> )	5.7	12.2	14.5	22.1	23.0	40.4	40.4	41.2
Other retail stores	3,318.2	3,519.5	3,547.1	( <sup>4</sup> )	271.4	293.6	170.5	205.2	192.7	7.2	7.5	11.6	11.6	11.7
Drug and proprietary stores	913.0	956.7	1,024.9	89.9	110.4	124.3	43.9	48.5	52.6	6.4	6.5	8.4	8.3	8.3
Liquor stores	451.6	486.3	490.9	77.0	81.4	82.7	76.6	103.7	81.2	8.5	8.8	12.7	12.7	13.1
Jewelry stores	507.0	478.1	482.0	16.5	25.5	32.7	4.1	2.8	3.1	2.6	2.7	4.9	4.9	4.6
Ratio of annual sales to year-end inventory														

<sup>1</sup> Ratio of annual sales to year-end inventories of retail stores which were in business the full calendar year.

<sup>2</sup> Based on store inventories only (excludes warehouse inventories).

<sup>3</sup> Includes data for grocery stores with and without fresh meat.

<sup>4</sup> Not available.

<sup>5</sup> Withheld to avoid possible disclosure of individual operations.

Source: Department of Commerce, Bureau of the Census; Annual Retail Trade Report.



# No. 1095.—RETAIL TRADE—SIZE OF ESTABLISHMENT OR FIRM AND LEGAL FORM OF ORGANIZATION: 1954

ITEM	Establishments	Sales	Payroll, entire year	PAYROLL, WORK WEEK ENDED NEAREST NOV. 15		PAID EMPLOYEES, WORK WEEK ENDED NEAREST NOV. 15		Proprietors (unincorporated businesses only)
				Total	Full work-week	Total	Full work-week	
All establishments.....	1,721,650	\$1,000 169,967,748	\$1,000 18,198,662	\$1,000 354,142	\$1,000 327,095	1,000 7,124	1,000 5,778	1,765,752
SALES SIZE <sup>1</sup>								
Operated entire year.....	1,614,504	162,508,375	17,490,319	337,143	311,486	6,748	5,474	1,552,464
With annual sales of—								
Less than \$5,000.....	70,272	237,936	4,789	152	130	5	4	70,550
\$5,000 to \$9,000.....	144,815	1,007,807	29,654	674	575	24	18	147,164
\$10,000 to \$19,000.....	252,491	3,617,821	181,346	3,827	3,329	128	96	257,287
\$20,000 to \$29,000.....	220,137	5,284,695	344,151	7,000	6,176	213	162	226,874
\$30,000 to \$49,000.....	287,192	11,095,921	941,864	18,609	16,667	504	391	293,154
\$50,000 to \$99,000.....	317,230	22,206,519	2,232,314	44,540	40,614	1,051	836	313,408
\$100,000 to \$299,000.....	231,230	37,512,849	4,331,668	83,573	77,986	1,679	1,386	230,407
\$300,000 to \$499,000.....	42,046	16,068,870	1,880,849	35,679	33,589	655	549	26,312
\$500,000 to \$999,000.....	30,122	20,787,448	2,267,579	42,762	40,216	755	630	13,198
\$1,000,000 to \$1,999,000.....	12,974	17,782,832	1,832,744	34,082	31,629	584	471	3,291
\$2,000,000 to \$4,999,000.....	4,927	14,206,911	1,532,686	28,848	26,956	461	382	732
\$5,000,000 and over.....	1,068	12,698,766	1,860,675	37,396	33,617	687	548	87
Not operated entire year.....	107,146	7,459,373	708,343	16,999	15,609	376	304	213,288
EMPLOYMENT SIZE								
Operated entire year.....	1,614,504	162,508,375	17,490,319	337,143	311,486	6,748	5,474	1,552,464
With Nov. 15 employment of—								
No paid employee.....	659,483	14,550,033	204,390	8,799	8,250	204	179	711,693
1 paid employee.....	203,568	8,449,135	490,459	15,547	14,135	364	288	212,083
2 paid employees.....	182,152	10,171,446	793,196	17,660	16,097	402	317	180,720
3 paid employees.....	134,113	9,667,809	890,899	16,626	15,828	387	317	126,295
4 or 5 paid employees.....	159,211	15,491,240	1,626,798	32,415	29,828	704	565	141,482
6 or 7 paid employees.....	90,132	12,254,633	1,396,837	27,827	25,846	580	475	74,310
8 or 9 paid employees.....	45,263	8,145,647	974,400	19,224	17,950	381	315	33,036
10 to 14 paid employees.....	58,133	14,008,296	1,794,324	35,047	32,910	679	568	38,276
15 to 19 paid employees.....	27,606	10,064,852	1,259,382	24,307	22,815	461	384	15,845
20 to 49 paid employees.....	42,209	28,487,940	3,489,995	66,295	61,690	1,234	1,002	16,532
50 to 99 paid employees.....	8,946	13,281,503	1,686,224	32,045	29,768	594	478	1,802
100 or more paid employees.....	3,688	17,435,791	2,883,415	57,978	52,196	1,145	903	390
Not operated entire year.....	107,146	7,459,373	708,343	16,999	15,609	376	304	213,288
SINGLE UNITS AND MULTIUNITS								
Single units.....	1,554,623	118,780,431	11,836,324	230,205	215,256	4,599	3,844	1,715,602
Operated by 1-establishment firms.....	1,538,097	115,382,221	11,385,940	221,305	206,910	4,427	3,696	1,702,716
Operated by multiestablishment firms.....	16,526	3,398,210	450,384	8,900	8,346	172	148	12,886
Multunits.....	167,027	51,187,317	6,362,338	123,937	111,839	2,525	1,934	50,150
2-establishment multunits.....	48,659	7,779,946	1,021,696	20,231	19,050	387	333	35,103
3-establishment multunits.....	13,229	3,109,852	445,239	8,710	8,075	161	133	6,857
4 or 5-establishment multunits.....	10,870	2,847,303	409,477	7,878	7,195	153	126	3,919
6 to 10-establishment multunits.....	10,938	3,576,458	500,668	9,614	8,736	188	150	2,191
11 to 25-establishment multunits.....	14,199	5,591,158	775,771	15,357	13,921	312	241	1,544
26 to 50-establishment multunits.....	12,652	3,415,834	403,399	7,629	6,836	162	122	375
51 to 100-establishment multunits.....	12,239	3,464,199	447,378	8,754	7,861	190	145	87
101-establishment and over multunits.....	44,241	21,402,567	2,358,710	45,764	40,164	973	685	75
LEGAL FORM OF ORGANIZATION								
Individual proprietorships.....	1,203,831	56,942,664	4,543,803	91,204	83,278	2,144	1,718	1,226,626
Partnerships.....	275,524	27,015,250	2,453,334	48,669	45,148	1,057	869	539,126
Corporations.....	280,492	82,229,197	10,998,738	210,240	194,908	3,848	3,127	-----
Cooperatives.....	6,135	1,704,449	120,607	2,389	2,257	42	37	-----
Other legal forms.....	6,668	1,170,188	82,180	1,640	1,504	33	27	-----

<sup>1</sup> Establishments classified by sales-size group after reported sales figures had been rounded to nearest \$1,000.

No. 1096.—RETAIL TRADE—ESTABLISHMENTS AND SALES, 1948 AND 1954, AND PAYROLL AND PERSONNEL, 1954, BY STATES AND TERRITORIES

STATE OR TERRITORY	1948				1954				1954				Proprietors (unincorporated businesses only)	
	Establishments		Sales		Establishments		Sales		Payroll, entire year		Paid employees, workweek ended nearest Nov. 15			
	Total	With payroll	Total establishments	Establishments with payroll	Total	With payroll	Total establishments	Establishments with payroll	Total	Full work-week	Total	Full work-week		
Cont. U. S.	1,668,479	1,118,692	\$1,000 128,849,252	\$1,000 118,352,208	1,721,650	1,124,040	\$1,000 169,967,748	\$1,000 157,932,676	\$1,000 18,198,662	\$1,000 334,142	\$1,000 327,095	7,124,331	5,778,351	1,765,752
New England	109,279	75,569	8,321,323	7,685,650	112,807	75,211	10,911,468	10,179,424	1,207,892	23,185	21,126	484,634	376,729	99,498
Maine	11,088	7,708	741,400	678,732	11,624	7,742	802,323	747,312	54,011	1,533	1,467	37,318	30,054	9,498
New Hampshire	6,968	4,934	400,782	424,918	7,439	5,071	603,931	567,277	37,085	1,087	996	24,398	19,317	4,322
Vermont	4,744	3,341	331,931	306,062	4,623	3,183	379,303	353,927	33,288	1,064	623	14,959	12,468	7,020
Massachusetts	51,294	36,445	4,165,561	3,906,062	53,022	35,690	5,539,100	5,202,282	649,341	12,508	11,380	263,484	203,696	42,871
Rhode Island	9,754	6,064	630,128	630,128	10,366	5,984	647,552	770,134	91,503	1,787	1,647	37,590	29,424	10,128
Connecticut	25,431	16,418	1,927,251	1,737,212	25,703	17,541	2,617,826	2,444,492	260,594	5,547	5,014	106,885	81,870	24,251
Middle Atlantic	372,140	229,997	27,626,972	24,700,243	368,978	232,060	35,053,819	32,263,841	3,886,537	75,018	69,313	1,461,758	1,189,576	372,098
New York	180,065	116,605	14,380,574	12,970,737	183,440	119,332	18,116,095	16,716,437	2,086,787	37,288	37,288	754,298	617,245	181,771
New Jersey	66,132	40,529	4,300,798	3,916,636	64,919	40,609	6,144,769	5,616,437	637,044	11,224	11,224	227,657	184,226	64,295
Pennsylvania	120,943	72,863	8,865,600	7,812,870	120,619	72,059	10,792,055	9,894,043	1,183,700	22,607	20,851	479,833	388,105	126,032
E. N. Central	337,021	237,465	28,507,077	26,446,605	342,411	238,841	37,256,221	35,097,399	4,120,858	79,638	72,430	1,567,056	1,219,359	359,490
Ohio	83,244	60,125	7,240,024	6,767,060	86,907	61,047	9,633,332	9,068,132	1,088,250	20,911	19,024	418,560	327,669	87,333
Indiana	43,189	31,169	3,490,445	3,262,245	41,624	31,544	4,812,673	4,322,293	497,623	9,501	8,711	196,974	156,040	43,559
Illinois	99,675	67,206	8,719,889	8,006,934	99,001	65,237	11,018,913	10,308,557	1,232,349	22,463	22,270	463,808	361,155	105,078
Michigan	65,960	48,040	5,854,445	5,477,463	67,995	50,331	8,167,632	7,776,034	878,963	16,863	15,399	324,634	252,663	74,320
Wisconsin	44,923	30,925	3,193,274	2,932,903	47,884	30,682	3,923,671	3,594,361	403,583	7,860	7,027	164,030	121,832	49,200
W. N. Central	172,474	125,394	13,152,837	12,273,086	176,207	119,901	16,181,312	15,066,290	1,694,697	31,269	28,729	665,969	528,520	182,814
Minnesota	34,088	25,147	2,866,535	2,688,441	35,380	24,476	3,449,684	3,234,542	366,398	7,117	6,443	145,954	112,332	36,184
Iowa	32,796	24,937	2,593,617	2,382,750	35,124	23,952	3,077,580	2,854,140	279,285	9,346	4,907	118,429	93,266	37,000
Missouri	47,960	32,381	3,526,086	3,284,991	47,262	30,252	4,525,308	4,197,792	479,063	9,320	8,548	192,596	156,674	49,428
North Dakota	7,989	5,870	607,199	594,388	7,743	5,291	681,577	608,385	60,508	1,229	1,157	25,053	21,221	7,750
South Dakota	6,474	4,104,808	575,456	533,838	6,096	6,096	678,798	637,699	60,910	1,188	1,099	26,374	21,359	8,310
Nebraska	16,394	11,300,973	1,225,404	1,038,436	17,033	12,137	1,587,739	1,353,369	153,360	2,987	2,778	64,723	52,624	17,970
Kansas	24,541	18,071	1,683,620	1,571,656	26,327	17,697	2,200,583	2,083,983	207,203	4,082	3,788	92,480	71,994	26,172

<b>South Atlantic</b>	202,493	132,158	14,531,259	13,526,891	217,866	134,666	20,608,887	19,033,539	2,139,033	41,824	39,280	926,896	776,846	216,486
Delaware.....	4,106	2,718	375,507	348,587	4,307	2,739	492,899	461,695	32,720	994	926	19,070	16,380	4,016
Maryland.....	23,518	15,189	1,713,887	1,713,887	24,897	15,829	2,075,404	2,458,000	248,471	5,816	5,357	124,689	101,522	26,142
Dist. of Col.....	6,938	5,432	1,102,716	2,048,385	6,724	3,188	3,212,549	2,027,807	327,861	3,287	3,104	143,868	120,962	6,166
Virginia.....	29,353	19,069	2,263,383	2,048,385	30,839	20,468	3,120,549	2,898,894	310,652	6,411	5,077	143,868	120,962	30,616
West Virginia.....	19,026	11,878	1,102,698	1,102,698	11,053	11,053	1,102,698	2,898,894	310,652	6,411	5,077	143,868	120,962	36,139
North Carolina.....	33,840	22,831	2,234,483	2,048,385	38,493	21,997	3,120,549	2,898,894	310,652	6,411	5,077	143,868	120,962	37,732
South Carolina.....	33,840	22,831	2,234,483	2,048,385	38,493	21,997	3,120,549	2,898,894	310,652	6,411	5,077	143,868	120,962	37,732
Georgia.....	31,752	21,719	2,191,570	1,948,652	32,841	11,817	2,518,880	2,774,433	138,155	2,755	2,577	143,868	120,962	32,841
Florida.....	32,513	21,837	2,191,570	1,948,652	32,841	11,817	2,518,880	2,774,433	138,155	2,755	2,577	143,868	120,962	32,841
			2,526,062	2,154,328	41,863	25,569	4,014,417	3,731,691	406,880	7,880	7,495	169,913	149,150	42,506
<b>E. S. Central</b>	103,048	63,440	6,370,211	5,759,328	100,223	59,833	8,354,102	7,544,194	775,478	15,275	14,391	362,960	305,516	107,188
Kentucky.....	26,238	15,784	1,661,652	1,487,431	26,472	16,040	2,201,101	1,996,277	210,269	4,024	3,746	92,202	76,410	28,770
Tennessee.....	30,820	19,638	2,075,820	1,902,705	31,067	18,681	2,769,416	2,511,501	261,785	5,252	4,959	121,063	103,333	33,845
Alabama.....	26,570	16,045	1,628,835	1,466,190	26,158	14,900	2,111,783	1,891,599	191,470	3,718	3,511	93,013	78,212	27,196
Mississippi.....	19,311	11,973	1,004,145	903,090	16,926	10,122	1,281,802	1,144,518	111,954	2,280	2,175	55,782	47,561	17,377
<b>W. S. Central</b>	156,296	104,397	10,859,318	9,988,956	102,233	102,283	14,806,333	13,656,351	1,424,392	28,265	26,607	628,438	536,372	168,034
Arkansas.....	19,955	11,858	1,078,714	957,075	18,783	10,965	1,333,632	1,182,690	112,284	2,187	2,078	53,085	45,797	20,009
Louisiana.....	26,980	16,214	1,078,070	1,001,070	25,312	15,769	2,339,289	2,126,049	238,022	4,748	4,408	107,833	95,426	26,972
Oklahoma.....	25,189	17,415	1,028,607	1,491,609	25,312	15,769	2,339,289	1,900,685	194,136	3,862	3,698	85,669	72,099	26,860
Texas.....	88,910	6,478,927	6,478,927	6,031,609	91,293	59,991	9,032,371	8,437,927	879,950	17,468	16,422	380,951	322,450	94,193
<b>Mountain</b>	57,267	40,995	4,639,898	4,328,704	62,357	43,071	6,356,734	5,971,786	670,507	13,272	12,322	254,914	209,598	65,792
Montana.....	7,841	5,872	599,285	559,497	8,223	5,865	778,033	730,321	78,097	1,542	1,441	28,501	23,847	8,613
Idaho.....	7,049	5,148	578,590	537,880	7,096	5,056	670,057	624,007	65,780	1,287	1,203	24,837	20,522	7,108
Wyoming.....	3,751	2,815	307,476	287,528	3,974	2,896	384,601	362,765	39,859	718	718	14,453	12,018	4,202
Colorado.....	14,767	10,468	1,108,440	1,054,440	15,468	10,800	1,726,769	1,636,081	187,214	3,078	3,018	52,595	49,115	16,896
New Mexico.....	7,283	4,799	474,327	437,432	8,481	3,319	733,093	673,723	73,446	2,450	2,370	30,990	28,990	8,591
Arizona.....	7,691	3,949	654,453	612,712	8,728	6,366	1,001,004	935,998	106,838	2,450	2,370	30,990	28,990	10,198
Utah.....	4,890	3,449	576,193	541,515	6,070	4,772	733,120	693,998	80,098	1,501	1,435	32,629	24,880	6,988
Nevada.....	2,317	1,604	199,800	186,697	2,717	1,947	336,067	313,695	39,185	783	736	12,374	10,481	3,081
<b>Pacific</b>	168,461	109,277	14,740,357	13,642,645	177,108	118,174	20,498,872	19,119,852	2,369,298	46,996	42,906	772,965	635,835	194,825
Washington.....	24,875	17,102	2,938,332	2,938,332	26,806	17,808	3,752,604	3,752,604	293,446	6,365	5,766	108,360	85,836	28,431
Oregon.....	11,929	8,023	1,686,263	1,686,263	13,073	12,393	1,971,204	1,778,500	207,689	4,002	3,818	69,643	59,627	11,942
California.....	116,665	80,236	10,127,957	10,127,957	131,299	87,973	15,643,974	14,634,726	1,840,833	35,968	33,321	594,324	490,372	143,977
<b>Alaska</b>	1,200	806	95,646	80,184	1,510	1,054	174,514	164,472	20,816	397	374	4,868	4,221	1,746
<b>Hawaii</b>	4,698	3,156	373,925	339,827	4,807	3,019	426,115	394,577	48,055	1,016	964	21,578	18,701	5,104

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1954, Retail Trade, Vol. II.

## No. 1097.—RETAIL TRADE—ESTABLISHMENTS AND SALES,

STATE OR TERRITORY	TOTAL		FOOD STORES		EATING, DRINKING PLACES		GENERAL MERCHANDISE GROUP		APPAREL ACCESSORIES STORES		FURNITURE, HOME FUR- NISHINGS, APPLIANCE DEALERS	
	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales
		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>		<i>Mil. dol.</i>
<b>Cont. U.S.</b>	<b>1,721,650</b>	<b>169,968</b>	<b>384,616</b>	<b>39,762</b>	<b>319,657</b>	<b>13,101</b>	<b>76,198</b>	<b>17,872</b>	<b>119,743</b>	<b>11,078</b>	<b>91,797</b>	<b>8,619</b>
<b>N. E.</b>	<b>112,807</b>	<b>10,911</b>	<b>25,588</b>	<b>2,754</b>	<b>18,367</b>	<b>781</b>	<b>4,573</b>	<b>1,040</b>	<b>9,122</b>	<b>776</b>	<b>6,463</b>	<b>518</b>
Maine.....	11,624	924	3,193	245	1,455	41	835	100	812	50	569	34
N. H.....	7,439	604	1,582	160	1,064	32	434	44	593	38	459	25
Vt.....	4,623	380	971	92	586	18	322	34	320	18	284	17
Mass.....	53,022	5,539	12,274	1,413	8,749	436	1,795	562	4,333	408	2,972	256
R. I.....	10,396	848	2,415	206	1,917	64	350	78	749	67	670	70
Conn.....	25,703	2,618	5,153	638	4,566	190	837	222	2,315	195	1,609	149
<b>M. A.</b>	<b>368,978</b>	<b>35,054</b>	<b>92,675</b>	<b>8,868</b>	<b>71,845</b>	<b>3,361</b>	<b>12,677</b>	<b>3,360</b>	<b>33,205</b>	<b>3,122</b>	<b>19,489</b>	<b>1,943</b>
N. Y.....	183,440	18,116	46,416	4,666	35,397	1,939	6,384	1,677	17,906	1,877	9,814	1,019
N. J.....	64,919	6,145	15,288	1,569	13,472	592	2,103	435	5,631	481	3,226	345
Pa.....	120,619	10,793	30,971	2,633	22,976	831	4,190	1,248	9,668	764	6,449	579
<b>E. N. C.</b>	<b>343,411</b>	<b>37,256</b>	<b>71,490</b>	<b>8,496</b>	<b>74,462</b>	<b>3,075</b>	<b>11,207</b>	<b>4,041</b>	<b>23,081</b>	<b>2,206</b>	<b>18,542</b>	<b>1,813</b>
Ohio.....	86,907	9,633	19,870	2,316	17,239	770	2,784	1,165	5,487	526	5,093	485
Ind.....	41,624	4,513	8,233	981	7,543	325	1,519	485	2,622	240	2,465	225
Ill.....	99,001	11,019	20,764	2,414	22,283	1,013	3,107	1,108	7,589	744	4,810	518
Mich.....	67,995	8,168	14,548	1,934	13,476	590	2,236	864	4,700	482	3,787	405
Wis.....	47,884	3,924	8,075	852	13,921	377	1,561	419	2,083	205	2,387	180
<b>W. N. C.</b>	<b>176,207</b>	<b>16,181</b>	<b>30,279</b>	<b>3,222</b>	<b>32,885</b>	<b>1,074</b>	<b>8,007</b>	<b>1,639</b>	<b>9,467</b>	<b>809</b>	<b>8,844</b>	<b>715</b>
Minn.....	35,380	3,450	6,539	692	6,781	250	1,575	365	1,983	190	1,632	145
Iowa.....	35,124	3,078	5,494	587	6,459	188	1,320	270	1,840	144	1,976	137
Mo.....	47,262	4,525	9,284	939	8,985	304	2,539	534	2,706	241	2,298	211
N. Dak.....	7,743	662	1,234	109	1,609	53	424	63	355	31	273	22
S. Dak.....	8,338	679	1,150	121	1,513	45	420	64	420	27	345	22
Nebr.....	17,033	1,588	2,564	295	3,218	118	723	164	809	74	955	73
Kans.....	25,327	2,201	4,014	479	4,320	115	1,006	179	1,354	101	1,365	106
<b>S. A.</b>	<b>217,866</b>	<b>20,609</b>	<b>55,727</b>	<b>4,728</b>	<b>32,658</b>	<b>1,330</b>	<b>13,549</b>	<b>2,386</b>	<b>14,177</b>	<b>1,288</b>	<b>11,437</b>	<b>1,054</b>
Del.....	4,307	493	893	95	685	29	173	48	335	31	246	27
Md.....	24,857	2,675	6,476	664	5,003	242	1,005	294	1,597	140	1,049	110
D. C.....	6,734	1,212	1,484	225	1,358	111	197	180	666	105	330	65
Va.....	30,959	3,121	7,817	725	4,384	180	2,665	391	1,820	183	1,558	148
W. Va.....	18,681	1,401	5,332	362	3,410	78	1,443	208	1,009	85	908	71
N. C.....	38,049	3,210	10,583	691	4,127	134	2,905	394	2,331	196	2,123	177
S. C.....	20,581	1,519	5,986	376	2,153	63	1,399	170	1,201	90	1,092	92
Ga.....	32,395	2,963	9,378	677	3,620	140	2,224	354	1,913	171	1,672	144
Fla.....	41,303	4,014	7,778	913	7,918	354	1,538	346	3,305	288	2,459	221
<b>E. S. C.</b>	<b>100,623</b>	<b>8,354</b>	<b>29,222</b>	<b>1,982</b>	<b>13,063</b>	<b>435</b>	<b>8,692</b>	<b>1,005</b>	<b>5,761</b>	<b>513</b>	<b>4,859</b>	<b>397</b>
Ky.....	26,472	2,201	7,430	527	3,931	150	2,201	259	1,400	125	1,172	98
Tenn.....	31,067	2,759	8,737	639	4,315	136	2,387	330	1,731	174	1,564	133
Ala.....	26,158	2,112	8,163	527	2,886	96	2,320	265	1,575	133	1,324	108
Miss.....	16,926	1,282	4,892	289	1,931	53	1,784	152	1,055	81	799	58
<b>W. S. C.</b>	<b>162,233</b>	<b>14,806</b>	<b>37,555</b>	<b>3,345</b>	<b>27,545</b>	<b>868</b>	<b>8,523</b>	<b>1,623</b>	<b>8,939</b>	<b>867</b>	<b>7,929</b>	<b>695</b>
Ark.....	18,783	1,334	5,329	299	2,379	63	1,523	149	982	69	849	57
La.....	26,845	2,339	7,990	496	5,000	174	1,637	296	1,505	159	1,205	126
Okla.....	25,312	2,101	5,246	484	4,332	123	1,270	223	1,370	117	1,376	100
Tex.....	91,293	9,032	18,990	2,066	15,834	508	4,093	955	5,082	520	4,499	413
<b>MT.</b>	<b>62,357</b>	<b>6,357</b>	<b>10,061</b>	<b>1,363</b>	<b>12,917</b>	<b>511</b>	<b>3,010</b>	<b>673</b>	<b>3,515</b>	<b>305</b>	<b>3,196</b>	<b>299</b>
Mont.....	8,223	778	1,294	155	2,072	81	365	67	439	36	319	31
Idaho.....	7,096	670	1,120	140	1,473	48	369	73	366	26	362	30
Wyo.....	3,974	385	534	79	799	36	206	34	235	16	203	15
Colo.....	15,468	1,727	2,502	379	2,762	125	598	179	884	82	882	88
N. Mex.....	8,481	733	1,522	160	1,634	58	564	82	438	36	368	32
Ariz.....	9,728	1,001	1,659	230	2,159	79	460	109	553	52	560	53
Utah.....	6,670	733	1,123	153	1,223	45	338	101	400	36	383	37
Nev.....	2,717	330	307	66	795	40	110	30	200	21	119	14
<b>Pac.</b>	<b>177,168</b>	<b>20,439</b>	<b>32,019</b>	<b>5,005</b>	<b>35,915</b>	<b>1,666</b>	<b>5,960</b>	<b>2,105</b>	<b>12,476</b>	<b>1,193</b>	<b>11,038</b>	<b>1,185</b>
Wash.....	26,806	2,874	5,370	670	5,147	212	994	346	1,495	132	1,494	132
Oreg.....	19,073	1,921	3,588	467	3,782	137	771	203	1,000	84	938	85
Calif.....	131,289	15,644	23,061	3,868	26,986	1,318	4,195	1,556	9,981	977	8,606	968
Alaska.....	1,510	175	200	41	445	24	155	24	118	12	54	8
Hawaii.....	4,807	426	1,031	113	995	45	364	57	346	27	238	22

## BY KIND OF BUSINESS, BY STATES AND TERRITORIES: 1954

AUTOMOTIVE GROUP		GASOLINE SERVICE STATIONS		LUMBER, BUILDING MATERIALS, HARDWARE, FARM EQUIPMENT DEALERS		DRUG STORES, PROPRIETARY STORES		OTHER RETAIL STORES		NONSTORE RETAILERS		STATE OR TERRITORY
Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales	Estab-lish-ments	Sales	
	<i>Mill. dol.</i>		<i>Mill. dol.</i>		<i>Mill. dol.</i>		<i>Mill. dol.</i>		<i>Mill. dol.</i>		<i>Mill. dol.</i>	
85,953	29,915	181,747	10,744	100,519	13,124	56,009	5,252	226,903	15,987	78,508	4,514	Cont. U. S.
5,016	1,759	10,315	572	4,823	662	4,034	340	18,327	1,388	6,179	323	N. E.
635	164	1,212	61	541	52	350	28	1,492	136	491	16	Maine.
444	106	813	40	437	37	206	14	1,157	97	330	9	N. H.
263	73	534	25	297	26	132	8	743	65	171	5	Vt.
2,150	834	4,467	258	2,194	314	2,062	175	8,802	666	3,224	218	Mass.
388	140	958	46	395	52	355	31	1,672	100	627	26	R. I.
1,136	441	2,331	143	1,049	181	920	86	4,451	323	1,336	49	Conn.
12,923	5,147	27,711	1,600	15,235	1,923	11,654	911	51,564	3,633	20,000	1,185	M. A.
5,451	2,345	11,565	710	7,242	904	5,884	465	27,489	1,978	9,892	536	N. Y.
2,371	981	5,403	323	2,741	392	1,760	152	9,471	669	3,453	206	N. J.
5,101	1,821	10,743	566	5,252	627	4,010	294	14,604	985	6,055	444	Pa.
17,254	6,789	35,950	2,373	23,750	3,087	10,951	1,191	41,245	3,023	15,479	1,158	E. N. C.
4,610	1,748	8,756	617	5,604	772	2,792	292	10,243	770	4,369	172	Ohio.
2,535	878	5,188	321	3,283	432	1,409	147	5,414	393	1,413	85	Ind.
4,349	1,805	8,920	605	6,225	814	3,171	333	12,821	977	4,962	678	Ill.
3,518	1,697	8,170	569	4,884	665	2,394	313	7,395	491	2,907	157	Mich.
2,242	660	4,916	261	3,714	403	1,185	105	5,372	306	1,828	66	Wis.
10,382	2,968	21,741	1,135	18,779	2,074	6,001	508	22,013	1,605	7,809	433	W. N. C.
1,819	580	4,230	221	3,944	437	960	99	4,347	343	1,570	129	Minn.
1,983	547	4,493	222	4,315	477	1,094	83	4,213	379	1,932	44	Iowa.
2,691	817	5,634	301	3,085	377	1,825	165	5,941	426	2,374	212	Mo.
442	127	858	42	1,896	145	217	18	786	46	149	4	N. Dak.
640	135	1,040	49	1,268	130	269	20	1,050	61	323	5	S. Dak.
1,058	283	2,148	126	2,133	232	665	48	2,157	153	603	17	Nebr.
1,844	476	3,438	174	2,638	276	971	76	3,519	197	858	22	Kans.
11,475	3,774	26,165	1,440	9,284	1,397	7,011	691	27,351	2,053	9,032	468	S. A.
177	75	475	27	207	30	153	14	774	107	189	10	Del.
980	424	2,302	163	1,065	175	792	100	3,021	258	1,567	108	Md.
206	178	422	50	171	35	325	57	1,234	176	341	25	D. C.
1,683	575	4,036	232	1,322	167	843	103	3,625	347	1,206	42	Va.
958	253	2,242	98	740	82	439	38	1,685	106	515	20	W. Va.
2,105	609	5,176	245	1,661	255	1,020	95	4,488	331	1,440	81	N. C.
1,268	299	2,684	127	861	114	672	49	2,666	124	599	15	S. C.
1,929	581	4,113	222	1,373	203	1,171	97	3,854	272	1,148	102	Ga.
2,079	779	4,715	269	1,884	307	1,506	139	6,004	332	2,027	67	Fla.
5,666	1,689	10,812	594	5,051	638	3,380	256	10,841	703	3,276	142	E. S. C.
1,509	423	2,641	144	1,528	186	782	74	3,096	182	782	27	Ky.
1,782	556	3,396	201	1,488	205	1,050	77	3,465	226	1,152	82	Tenn.
1,413	433	2,938	145	1,123	137	900	65	2,614	180	902	23	Ala.
962	271	1,837	104	912	110	645	40	1,666	116	440	10	Miss.
10,460	3,095	20,038	1,057	9,339	1,300	5,861	479	19,414	1,195	6,030	283	W. S. C.
1,184	281	2,102	92	1,067	131	656	39	2,225	142	487	12	Ark.
1,141	440	2,544	162	1,254	189	937	80	2,681	158	951	59	La.
1,914	452	3,400	160	1,868	207	1,008	75	2,690	134	840	26	Okl.
6,221	1,922	11,992	643	5,750	778	3,262	285	11,818	760	3,752	188	Tex.
3,877	1,220	8,366	521	4,522	628	2,151	234	8,637	516	2,105	85	MT.
490	153	934	56	849	106	240	21	988	69	233	5	Mont.
462	135	929	52	662	86	216	20	920	55	217	6	Idaho.
300	85	577	34	309	38	132	13	575	33	104	2	Wyo.
1,080	335	2,026	125	1,157	158	650	74	2,400	136	577	45	Colo.
501	145	1,233	68	448	60	264	28	1,245	59	264	6	N. Mex.
534	168	1,315	89	481	99	330	35	1,324	76	353	9	Ariz.
404	139	1,003	64	499	60	224	26	794	62	279	8	Utah.
156	58	349	33	117	21	95	17	381	27	78	4	Nev.
8,900	3,476	20,649	1,452	9,136	1,414	4,966	640	27,511	1,867	8,598	436	Pac.
1,478	453	3,356	197	1,743	224	862	95	3,650	332	1,217	81	Wash.
1,102	357	2,525	144	1,860	160	545	61	2,627	198	835	36	Oreg.
6,320	2,666	14,768	1,111	6,033	1,030	3,559	494	21,234	1,337	6,546	319	Calif.
53	23	75	10	40	8	45	7	284	17	32	1	Alaska.
135	73	332	29	53	7	121	13	745	30	47	10	Hawaii.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Business: 1954, Retail Trade, Vol. II.

**NO. 1098.—RETAIL TRADE—ESTABLISHMENTS AND SALES, 1948 AND 1954, AND  
PAYROLL AND PERSONNEL, 1954, BY KIND OF BUSINESS**  
[“N.e.c.” means not elsewhere classified]

KIND OF BUSINESS	ESTABLISHMENTS			SALES		
	1948	1954		1948	1954	
		Total <sup>1</sup>	With payroll		All establishments <sup>1</sup>	Establishments with payroll
				\$1,000	\$1,000	\$1,000
<b>Retail trade, total</b> .....	1,668,479	1,721,650	1,124,040	128,849,252	169,967,748	157,932,676
<b>Food stores</b> .....	460,913	354,616	200,468	29,207,864	39,762,213	35,233,411
Grocery stores.....	350,754	279,440	142,968	24,720,717	34,420,764	30,889,982
Meat markets.....	23,920	22,866	14,984	1,641,087	1,943,969	1,697,173
Fish (seafood) markets.....	4,517	4,458	2,212	132,331	184,148	148,216
Fruit stores, vegetable markets.....	13,482	13,136	4,648	394,602	484,503	330,955
Candy, nut, confectionery stores.....	27,165	20,507	7,777	586,592	567,955	351,559
Bakery products stores.....	19,500	19,034	15,102	722,761	862,200	802,022
Bakeries, with baking on premises.....	(2)	(2)	12,611	(2)	(2)	644,282
Bakeries, without baking on premises.....	(2)	(2)	2,491	(2)	(2)	158,340
Deli-caessen stores.....	7,917	8,132	5,060	308,336	479,787	390,189
Food stores, n. e. c.....	13,658	13,777	7,717	692,438	752,437	622,715
<b>Eating, drinking places</b> .....	325,789	319,657	244,409	10,645,417	13,161,051	12,020,915
Eating places (except refreshment stands)	124,889	169,867	130,845	5,295,637	8,095,676	7,675,606
Restaurants, cafeterias.....	123,924	(2)	127,488	4,529,556	(2)	7,289,329
Caterers.....	905	(2)	1,239	66,081	(2)	91,314
In-plant food contractors.....	(4)	(2)	2,118	(4)	(2)	194,900
Refreshment stands.....	54,296	25,261	19,151	1,145,158	635,733	567,329
Drinking places.....	146,604	123,887	94,413	4,204,622	4,360,384	3,878,058
<b>General merchandise group</b> .....	70,807	76,198	59,554	15,796,141	17,872,386	17,327,334
Department stores.....	2,558	2,761	2,761	9,431,842	10,557,843	10,557,843
Dry goods, general merchandise stores.....	28,744	34,113	20,253	2,702,704	3,145,069	2,870,967
General stores.....	20,588	17,701	9,901	1,157,096	1,088,064	884,438
Variety stores.....	18,917	20,917	17,639	2,504,500	3,066,634	3,014,086
<b>Apparel, accessories stores</b> .....	110,944	119,743	97,829	9,716,795	11,078,209	10,701,223
Shoe stores.....	19,201	23,847	19,723	1,460,698	1,895,252	1,817,564
Men's shoe stores.....	2,208	(2)	2,434	198,673	(2)	184,822
Women's shoe stores.....	2,946	(2)	3,403	370,466	(2)	448,537
Children's juveniles' shoe stores.....	581	(2)	661	21,911	(2)	40,896
Family shoe stores.....	13,466	(2)	13,225	869,558	(2)	1,143,309
Men's, boys' clothing and furnishings stores.....	17,857	(2)	19,247	2,037,545	(2)	2,298,645
Men's, boys' clothing stores.....	11,546	(2)	13,422	1,536,300	(2)	1,819,039
Men's, boys' furnishings stores.....	6,311	(2)	5,825	501,185	(2)	479,606
Family clothing stores.....	9,931	(2)	11,056	1,738,697	(2)	1,711,165
Women's clothing, specialty stores.....	41,999	45,213	37,719	3,688,347	4,332,852	4,222,872
Ready-to-wear stores.....	29,788	(2)	26,893	3,277,376	(2)	3,677,235
Millinery stores.....	5,234	(2)	4,733	107,725	(2)	173,434
Clothing, specialty stores, n. e. c.....	6,977	(2)	6,093	303,246	(2)	472,203
Children's, infants' wear stores.....	6,304	7,024	5,390	230,860	360,980	332,196
Apparel stores, n. e. c.....	7,831	6,932	4,694	402,033	344,221	318,781
<b>Furniture, home furnishings, appliance dealers</b> .....	80,423	91,797	65,773	6,592,378	8,619,002	8,151,300
Furniture, home furnishings stores.....	45,092	50,729	37,999	4,182,362	5,373,919	5,145,301
Furniture stores.....	28,465	(2)	25,475	3,413,792	(2)	4,170,880
Floor covering stores.....	4,464	(2)	4,335	358,287	(2)	484,376
Home furnishings stores, n. e. c., antique stores.....	12,163	(2)	8,189	740,283	(2)	493,045
Household appliance, radio, TV stores.....	35,331	40,542	27,774	2,410,016	3,237,323	3,002,999
Household appliance stores.....	28,541	(2)	11,980	2,033,072	(2)	1,156,893
Appliance, radio, TV stores.....	6,790	(2)	9,994	376,944	(2)	1,416,591
Radio, TV stores.....			5,800			429,515
<b>Automotive group</b> .....	85,285	85,953	68,573	20,100,456	29,914,997	29,351,877
Passenger car dealers (franchised).....	43,960	41,407	39,465	15,951,906	25,107,984	25,007,140
Passenger car dealers (nonfranchised).....	16,634	20,140	11,362	2,440,832	2,423,517	2,115,331
Tire, battery, accessory dealers.....	20,224	18,845	14,451	1,358,146	1,813,989	1,723,005
Motorcycle, aircraft, boat dealers.....	2,350	3,183	1,881	149,912	225,065	201,873
Household trailer dealers.....	2,117	2,005	1,295	199,660	325,576	290,312
Automotive dealers, n. e. c.....		119	119		14,216	14,216
<b>Gasoline service stations</b> .....	179,647	181,747	120,855	6,470,153	10,743,812	9,292,000
<b>Lumber, building materials, hardware, farm equipment dealers</b> .....	97,342	100,519	78,507	11,142,980	13,123,528	12,642,454
Farm equipment dealers.....	17,509	18,689	19,399	2,885,063	2,864,532	2,744,110
Lumber, building materials dealers.....	25,978	30,177	25,429	5,126,188	6,502,861	6,595,165
Paint, glass, wallpaper stores.....	9,403	9,249	6,355	467,090	601,041	551,009
Plumbing, electrical supply stores.....	10,443	7,252	4,858	681,537	534,156	473,640
Hardware stores.....	34,009	34,858	25,266	2,491,602	2,694,348	2,478,530

See footnotes at end of table.

No. 1098.—RETAIL TRADE—ESTABLISHMENTS AND SALES, 1948 AND 1954, AND  
PAYROLL AND PERSONNEL, 1954, BY KIND OF BUSINESS—Continued

KIND OF BUSINESS	Payroll entire year, 1954	PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15, 1954		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15, 1954		Proprietors (unincor- porated businesses only), 1954 <sup>1</sup>
		Total	Full workweek	Total	Full workweek	
Retail trade, total.....	\$1,000 18,198,662	\$1,000 354,142	\$1,000 327,095	7,124,331	5,778,351	1,765,752
<b>Food stores.....</b>	<b>2,535,861</b>	<b>48,951</b>	<b>43,216</b>	<b>1,025,849</b>	<b>740,484</b>	<b>413,548</b>
Grocery stores.....	2,036,136	38,974	34,173	811,018	573,295	298,422
Meat markets.....	141,402	2,727	2,510	45,531	36,335	26,305
Fish (seafood) markets.....	13,168	253	229	5,507	4,444	5,008
Fruit stores, vegetable markets.....	28,157	523	465	12,043	8,861	15,648
Candy, nut, confectionery stores.....	44,054	864	730	25,606	18,329	21,196
Bakery products stores.....	180,620	3,783	3,469	85,015	68,031	19,914
Bakeries, with baking on premises.....	158,400	3,329	3,058	73,440	59,121	(?)
Bakeries, without baking on premises.....	22,220	454	411	11,575	8,910	(?)
Delicatessen stores.....	31,163	599	535	13,791	10,602	9,558
Food stores, n. e. c.....	62,161	1,227	1,106	27,158	20,587	12,695
<b>Eating, drinking places.....</b>	<b>2,511,620</b>	<b>50,765</b>	<b>46,459</b>	<b>1,352,828</b>	<b>1,111,662</b>	<b>366,853</b>
Eating places (except refreshment stands).....	1,815,369	36,708	33,852	990,994	833,899	197,404
Restaurants, cafeterias.....	1,729,830	34,980	32,358	958,003	808,204	(?)
Caterers.....	28,626	457	425	14,255	7,332	(?)
In-plant food contractors.....	62,913	1,241	1,131	27,736	2,313	(?)
Refreshment stands.....	83,851	1,651	1,377	55,812	37,622	27,188
Drinking places.....	612,400	12,406	11,230	297,022	236,141	141,537
<b>General merchandise group.....</b>	<b>2,648,138</b>	<b>52,130</b>	<b>45,565</b>	<b>1,258,990</b>	<b>912,747</b>	<b>68,383</b>
Department stores.....	1,773,230	35,193	31,012	734,920	562,630	218
Dry goods, general merchandise stores.....	330,985	6,424	5,786	159,088	117,217	33,196
General stores.....	59,870	1,100	1,005	30,418	23,712	19,878
Variety stores.....	484,053	9,413	7,762	333,664	209,188	14,333
<b>Apparel accessories stores.....</b>	<b>1,486,099</b>	<b>28,413</b>	<b>25,877</b>	<b>607,340</b>	<b>473,526</b>	<b>100,362</b>
Shoe stores.....	243,597	4,433	3,953	86,660	60,927	15,183
Men's shoe stores.....	21,294	396	368	6,177	4,969	(?)
Women's shoe stores.....	64,698	1,154	1,046	21,922	15,335	(?)
Children's, juveniles' shoe stores.....	5,260	99	92	1,778	1,362	(?)
Family shoe stores.....	152,336	2,784	2,447	56,783	39,231	(?)
Men's, boys' clothing and furnishings stores.....	318,562	5,871	5,485	101,497	82,648	(?)
Men's, boys' clothing stores.....	250,629	4,816	4,502	81,959	67,030	(?)
Men's, boys' furnishings stores.....	58,933	1,054	982	19,538	15,618	(?)
Family clothing stores.....	220,395	4,379	3,864	105,717	77,727	(?)
Women's clothing, specialty stores.....	598,015	11,731	10,731	274,282	220,460	37,749
Ready-to-wear stores.....	506,211	9,915	9,103	231,228	187,186	(?)
Millinery stores.....	30,011	506	539	15,291	11,937	(?)
Clothing, specialty stores, n. e. c.....	61,793	1,220	1,088	27,763	21,337	(?)
Children's, infants' wear stores.....	33,910	694	605	18,636	13,508	7,549
Apparel stores, n. e. c.....	62,620	1,305	1,240	20,548	18,256	6,547
<b>Furniture, home furnishings, appliance dealers.....</b>	<b>1,166,350</b>	<b>22,378</b>	<b>21,548</b>	<b>351,772</b>	<b>320,915</b>	<b>88,590</b>
Furniture, home furnishing stores.....	776,033	14,824	14,337	227,370	209,667	49,224
Furniture stores.....	609,206	11,403	11,147	176,806	163,362	(?)
Floor covering stores.....	82,876	1,460	1,589	21,368	19,983	(?)
Home furnishings stores, n. e. c., antique stores.....	83,951	1,692	1,601	29,696	26,322	(?)
Household appliance, radio, TV stores.....	390,317	7,553	7,211	124,402	111,248	8,784
Household appliance stores.....	162,752	3,111	2,997	62,688	48,109	(?)
Appliance, radio, TV stores.....	167,821	3,249	3,096	51,773	46,002	(?)
Radio, TV stores.....	59,744	1,193	1,118	19,941	17,137	(?)
<b>Automotive group.....</b>	<b>2,789,899</b>	<b>51,742</b>	<b>50,946</b>	<b>710,802</b>	<b>681,196</b>	<b>77,444</b>
Passenger car dealers (franchised).....	2,385,125	44,077	43,576	590,486	572,671	33,254
Passenger car dealers (nonfranchised).....	121,662	2,263	2,196	34,125	31,805	22,427
Tire, battery, accessory dealers.....	241,775	4,625	4,428	75,011	66,592	16,281
Motorcycle, aircraft, boat dealers.....	24,377	460	441	6,712	6,047	3,108
Household trailer dealers.....	15,318	280	269	3,946	3,597	2,002
Automotive dealers, n. e. c.....	1,642	37	35	522	484	94
<b>Gasoline service stations.....</b>	<b>835,965</b>	<b>17,019</b>	<b>15,460</b>	<b>358,485</b>	<b>283,491</b>	<b>199,964</b>
<b>Lumber, building materials, hardware, farm equipment dealers.....</b>	<b>1,495,353</b>	<b>28,745</b>	<b>27,564</b>	<b>446,690</b>	<b>407,078</b>	<b>93,636</b>
Farm equipment dealers.....	258,154	4,893	4,762	79,625	75,380	20,200
Lumber, building materials dealers.....	759,071	14,617	14,402	211,038	194,652	21,291
Paint, glass, wallpaper stores.....	82,663	1,604	1,643	24,218	22,183	8,034
Plumbing, electrical supply stores.....	89,669	1,838	1,763	24,965	22,899	7,294
Hardware stores.....	305,806	5,793	5,454	106,854	91,964	36,469

See footnotes at end of table.

**No. 1098.—RETAIL TRADE—ESTABLISHMENTS AND SALES, 1948 AND 1954, AND  
PAYROLL AND PERSONNEL, 1954, BY KIND OF BUSINESS—Continued**

KIND OF BUSINESS	ESTABLISHMENTS			SALES		
	1948	1954		1948	1954	
		Total <sup>1</sup>	With payroll		All establishments <sup>1</sup>	Establishments with payroll
<b>Drug stores, proprietary stores</b> .....	55,282	56,009	49,489	\$1,000 4,011,509	\$1,000 5,251,791	\$1,000 5,103,861
Drug stores.....	41,154	(2)	44,551	3,536,400	(2)	4,857,325
Proprietary stores.....	6,474	(2)	4,938	295,717	(2)	246,536
<b>Other retail stores</b> .....	197,130	226,903	133,105	12,854,599	15,986,884	14,370,934
Liquor stores.....	32,949	31,240	21,926	2,578,768	3,180,769	2,853,639
Fuel, ice dealers.....	21,473	27,070	16,986	2,426,538	2,842,044	2,668,320
Fuel dealers (coal, wood).....	14,382	(2)	6,750	1,609,684	(2)	852,265
Liquefied petroleum gas dealers.....	4,460	(2)	3,805	732,022	(2)	490,657
Fuel oil dealers.....	4,460	(2)	5,625	732,022	(2)	1,285,394
Ice dealers.....	2,631	(2)	806	83,832	(2)	40,004
Hay, grain, feed stores.....	17,970	16,530	13,196	2,796,937	3,455,943	3,345,649
Farm, garden supply stores.....	3,179	7,262	4,474	336,633	637,523	585,597
Jewelry stores.....	20,550	24,266	15,548	1,209,545	1,407,948	1,287,700
Book stores.....	2,404	2,642	1,728	155,624	151,204	138,714
Stationery stores.....	3,807	5,473	3,689	276,897	424,416	385,394
Sporting goods stores.....	6,422	8,396	4,506	306,213	407,946	341,754
Bicycle stores.....	1,589	1,617	751	35,007	42,846	30,416
Florists.....	13,565	16,279	10,247	375,240	495,553	421,927
Cigar stores, stands.....	12,791	6,068	3,270	385,343	233,124	181,646
News dealers, newsstands.....	6,231	7,178	3,602	202,191	248,438	187,728
Gift, novelty, souvenir stores.....	10,266	12,149	6,063	185,381	282,965	216,144
Music stores.....	5,700	5,810	3,662	333,749	375,330	339,874
Camera photographic supply stores.....	2,932	2,896	2,270	200,716	278,101	262,325
Luggage, leather goods stores.....	1,135	1,387	897	68,704	78,907	71,269
Optical goods stores.....	1,823	3,011	2,038	73,427	132,116	118,764
Office, store machine and equipment dealers.....	2,396	2,216	1,424	109,317	116,648	104,334
Retail stores (except second-hand) n. e. c.....	16,651	8,877	8,877	501,038	470,188	470,188
Second-hand stores.....	13,387	14,364	7,956	298,231	424,582	359,492
<b>Nonstore retailers</b> .....	4,917	78,508	14,478	2,310,960	4,513,875	3,737,289
Mail-order houses.....	(2)	2,019	1,301	(2)	1,604,939	1,596,089
Food.....	(2)	(2)	114	(2)	(2)	13,342
General merchandise group.....	(2)	(2)	92	(2)	(2)	1,264,860
Department store merchandise.....	(2)	(2)	38	(2)	(2)	1,239,866
Other.....	(2)	(2)	59	(2)	(2)	24,994
Apparel, accessories.....	(2)	(2)	109	(2)	(2)	91,048
Women's ready-to-wear.....	(2)	(2)	29	(2)	(2)	73,179
Other apparel.....	(2)	(2)	80	(2)	(2)	17,869
Furniture, home furnishings, appliances.....	(2)	(2)	110	(2)	(2)	18,640
Other mail order houses.....	(2)	(2)	876	(2)	(2)	208,199
Lumber, building materials, hardware.....	(2)	(2)	82	(2)	(2)	11,497
Feed, farm, garden supplies.....	(2)	(2)	53	(2)	(2)	24,211
Books, stationery.....	(2)	(2)	148	(2)	(2)	69,392
Gifts, novelties, souvenirs.....	(2)	(2)	75	(2)	(2)	19,092
Other.....	(2)	(2)	568	(2)	(2)	84,007
<b>Direct selling (house-to-house) organizations</b> .....	(2)	70,774	10,580	(2)	2,272,840	1,568,156
Food.....	(2)	(2)	4,115	(2)	(2)	708,033
Groceries.....	(2)	(2)	662	(2)	(2)	193,555
Milk.....	(2)	(2)	1,255	(2)	(2)	280,451
Other food.....	(2)	(2)	2,198	(2)	(2)	234,077
Dry goods, general merchandise.....	(2)	(2)	597	(2)	(2)	66,471
Apparel, accessories.....	(2)	(2)	238	(2)	(2)	30,820
Furniture, home furnishings, appliances.....	(2)	(2)	1,736	(2)	(2)	301,642
Household appliances, radios, TV.....	(2)	(2)	956	(2)	(2)	179,412
Other.....	(2)	(2)	780	(2)	(2)	122,230
Other.....	(2)	(2)	3,894	(2)	(2)	461,140
<b>Merchandise vending machine operators</b> .....	(2)	5,715	2,597	(2)	636,096	573,044
Candy, nut, confectionery.....	(2)	(2)	806	(2)	(2)	164,779
Tobacco products.....	(2)	(2)	846	(2)	(2)	299,865
Other.....	(2)	(2)	945	(2)	(2)	108,400

See footnotes at end of table.



No. 1098.—RETAIL TRADE—ESTABLISHMENTS AND SALES, 1948 AND 1954, AND  
PAYROLL AND PERSONNEL, 1954, BY KIND OF BUSINESS—Continued

KIND OF BUSINESS	Payroll entire year, 1954	PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15, 1954		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15, 1954		Proprietors (unincor- porated businesses only), 1954 <sup>1</sup>
		Total	Full workweek	Total	Full workweek	
<b>Drug stores, proprietary stores</b> .....	\$1,000	\$1,000	\$1,000			
Drug stores.....	658,485	12,782	11,331	300,435	224,302	53,826
Proprietary stores.....	635,452	12,347	10,952	286,236	214,016	(2)
	23,033	435	379	14,199	10,286	(2)
<b>Other retail stores</b> .....	1,473,007	28,568	27,026	511,260	443,433	223,551
Liquor stores.....	163,286	3,080	2,842	56,445	46,093	28,799
Fuel, ice dealers.....	311,216	6,215	5,990	96,538	88,655	24,754
Fuel dealers (coal, wood).....	98,752	1,993	1,881	34,249	30,172	(2)
Liquefied petroleum gas dealers.....	74,158	1,493	1,460	22,910	22,123	(2)
Fuel oil dealers.....	130,293	2,589	2,505	36,615	33,863	(2)
Ice dealers.....	8,013	140	135	2,758	2,497	(2)
Hay, grain, feed stores.....	182,781	3,522	3,379	62,337	57,306	13,388
Farm, garden supply stores.....	52,654	993	943	17,644	15,714	7,141
Jewelry stores.....	213,908	4,082	3,918	67,558	60,430	23,350
Book stores.....	18,964	369	333	8,301	6,393	2,200
Stationery stores.....	68,420	1,289	1,221	22,671	19,799	5,463
Sporting goods stores.....	40,033	771	721	13,801	11,553	8,716
Bicycle stores.....	3,531	70	62	1,500	1,148	1,728
Florists.....	75,917	1,457	1,341	31,878	25,825	18,233
Cigar stores, stands.....	16,948	331	301	8,092	6,298	6,163
News dealers, newsstands.....	17,662	348	296	11,895	8,108	6,915
Gift, novelty, souvenir stores.....	25,055	535	467	14,150	10,446	13,379
Music stores.....	52,097	1,016	962	17,635	15,283	5,789
Camera, photographic supply stores.....	31,848	613	586	10,487	8,264	2,571
Luggage, leather goods stores.....	10,822	200	188	3,755	3,212	1,377
Optical goods stores.....	31,006	580	566	7,865	7,443	2,446
Office, store machine and equipment dealers.....	20,139	400	385	6,292	5,785	2,322
Retail stores (except second-hand) n. a. c.....	72,640	1,427	1,328	26,677	22,265	7,046
Second-hand stores.....	63,371	1,269	1,197	25,830	22,413	15,211
<b>Nonstore retailers</b> .....	597,885	12,650	12,101	199,880	179,517	79,595
Mail order houses.....	224,352	5,339	4,988	86,270	74,403	1,710
Food.....	1,752	42	38	909	694	(2)
General merchandise group.....	180,418	4,477	4,177	71,289	61,555	(2)
Department store merchandise.....	177,668	4,426	4,127	70,170	60,495	(2)
Other.....	2,750	51	50	1,129	1,050	(2)
Apparel, accessories.....	7,347	140	128	3,042	2,562	(2)
Women's ready-to-wear.....	5,463	100	89	2,246	1,854	(2)
Other apparel.....	1,884	40	39	796	708	(2)
Furniture, home furnishings, appli- ances.....	1,900	42	38	759	613	(2)
Other mail order houses.....	32,935	638	608	10,261	8,979	(2)
Lumber, building materials, hard- ware.....	814	16	16	256	236	(2)
Feed, farm, garden supplies.....	4,143	71	67	1,397	1,234	(2)
Books, stationery.....	14,113	261	257	3,243	3,088	(2)
Gifts, novelties, souvenirs.....	2,892	66	57	1,509	1,055	(2)
Other.....	10,973	223	211	3,856	3,366	(2)
<b>Direct selling (house-to-house)</b> organizations.....	310,156	6,112	5,937	95,528	88,105	72,248
Food.....	134,409	2,533	2,475	34,602	32,175	(2)
Groceries.....	37,478	752	728	10,556	9,877	(2)
Milk.....	45,260	891	882	10,443	10,151	(2)
Other food.....	51,671	890	864	13,603	12,147	(2)
Dry goods, general merchandise.....	19,953	417	412	7,656	7,421	(2)
Apparel, accessories.....	4,446	88	76	1,414	1,176	(2)
Furniture, home furnishings, appli- ances.....	70,244	1,337	1,307	22,375	21,461	(2)
Household appliances, radios, TV.....	43,635	914	899	15,918	15,458	(2)
Other.....	21,609	423	408	6,437	6,003	(2)
Other.....	90,104	1,738	1,699	29,481	25,872	(2)
<b>Merchandise vending machine operators</b> .....	54,377	1,198	1,176	18,082	17,009	5,637
Candy, nut, confectionery.....	23,289	599	590	9,234	8,826	(2)
Tobacco products.....	16,863	317	313	4,466	4,261	(2)
Other.....	14,225	282	273	4,382	3,922	(2)

<sup>1</sup> Group totals may include data for establishments without payroll which could not be classified by detailed kind of business. <sup>2</sup> Not available. <sup>3</sup> Excludes lunch counters.

<sup>4</sup> In-plant food contractors were included in "Restaurants, cafeterias" in 1948. <sup>5</sup> Includes lunch counters.

<sup>6</sup> Covers only "with payroll" establishments. Establishments "without payroll," if any, are included in the group totals. <sup>7</sup> Excludes antique stores.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1954*, Retail Trade, Vol. II.

# No. 1099.—RETAIL TRADE—ESTABLISHMENTS AND SALES, FOR STANDARD METROPOLITAN AREAS: 1954

[For definition of standard metropolitan area, see table 11, p. 15]

STANDARD METROPOLITAN AREA	ESTABLISHMENTS		Sales (mil. dol.)	STANDARD METROPOLITAN AREA	ESTABLISHMENTS		Sales (mil. dol.)
	Total	With payroll			Total	With payroll	
<b>Total, 172 areas.....</b>	<b>956,550</b>	<b>634,114</b>	<b>109,997</b>	Indianapolis (Ind.) area.....	5,104	4,060	827
Akron (Ohio) area.....	4,070	2,926	526	Jackson (Mich.) area.....	1,197	909	127
Albany-Schenectady-Troy (N. Y.) area.....	6,481	4,051	655	Jackson (Miss.) area.....	1,274	914	157
Albuquerque (N. Mex.) area.....	1,902	1,292	218	Jacksonville (Fla.) area.....	3,430	2,196	439
Allentown-Bethlehem-Easton (Pa.) area.....	5,568	3,280	476	Johnstown (Pa.) area.....	2,832	1,624	223
Altoona (Pa.) area.....	1,437	971	120	Kalamazoo (Mich.) area.....	1,218	970	164
Amarillo (Tex.) area.....	1,314	902	175	Kansas City (Mo.) area.....	8,985	5,969	1,274
Asheville (N. C.) area.....	1,195	763	119	Kenosha (Wis.) area.....	1,075	687	88
Atlanta (Ga.) area.....	6,367	4,397	965	Knoxville (Tenn.) area.....	2,907	1,901	342
Atlantic City (N. J.) area.....	2,765	1,927	219	Lancaster (Pa.) area.....	2,800	1,856	268
Augusta (Ga.) area.....	1,845	1,157	196	Lansing (Mich.) area.....	1,606	1,304	251
Austin (Tex.) area.....	1,597	1,123	187	Laredo (Tex.) area.....	517	329	47
Baltimore (Md.) area.....	14,617	9,185	1,558	Lawrence (Mass.) area.....	1,577	967	120
Baton Rouge (La.) area.....	1,455	1,061	198	Lexington (Ky.) area.....	1,090	826	130
Bay City (Mich.) area.....	1,039	771	102	Lima (Ohio) area.....	1,078	784	110
Beaumont-Port Arthur (Tex.) area.....	2,223	1,533	245	Lincoln (Nebr.) area.....	1,158	858	152
Birmingham (N. Y.) area.....	2,148	1,458	221	Little Rock-North Little Rock (Ark.) area.....	2,159	1,361	224
Birmingham (Ala.) area.....	4,763	3,039	533	Lorain-Ellyria (Ohio) area.....	1,696	1,212	176
Boston (Mass.) area.....	24,648	16,922	3,010	Los Angeles-Long Beach (Calif.) area.....	51,941	34,845	7,101
Bridgeport (Conn.) area.....	3,142	2,128	325	Louisville (Ky.) area.....	5,601	4,093	721
Brooklyn (Mass.) area.....	1,632	1,046	153	Lowell (Mass.) area.....	1,362	898	126
Buffalo (N. Y.) area.....	12,373	8,559	1,363	Lubbock (Tex.) area.....	1,320	850	172
Canton (Ohio) area.....	3,147	2,287	331	Macon (Ga.) area.....	1,305	925	146
Cedar Rapids (Iowa) area.....	1,193	813	150	Madison (Wis.) area.....	2,022	1,486	228
Charleston (S. C.) area.....	1,701	1,115	159	Manchester (N. H.) area.....	1,136	776	111
Charleston (W. Va.) area.....	2,916	1,890	290	Memphis (Tenn.) area.....	4,457	3,341	611
Charlotte (N. C.) area.....	1,898	1,248	264	Miami (Fla.) area.....	8,351	5,403	989
Chattanooga (Tenn.) area.....	2,690	1,780	269	Milwaukee (Wis.) area.....	10,307	6,471	1,170
Chicago (Ill.) area.....	57,873	37,022	7,539	Minneapolis-St. Paul (Minn.) area.....	11,155	7,621	1,532
Cincinnati (Ohio) area.....	9,930	7,206	1,151	Mobile (Ala.) area.....	2,020	1,362	235
Cleveland (Ohio) area.....	15,419	10,303	1,967	Montgomery (Ala.) area.....	1,206	836	152
Columbia (S. C.) area.....	1,464	976	162	Muncie (Ind.) area.....	933	745	106
Columbus (Ga.) area.....	1,727	1,067	154	Nashville (Tenn.) area.....	2,987	2,129	380
Columbus (Ohio) area.....	5,284	3,830	720	New Bedford (Mass.) area.....	1,793	1,303	142
Corpus Christi (Tex.) area.....	1,958	1,406	225	New Britain-Bristol (Conn.) area.....	1,804	1,224	168
Dallas (Tex.) area.....	7,357	4,975	1,094	New Haven (Conn.) area.....	3,704	2,412	342
Davenport (Iowa)-Rock Island-Moline (Ill.) area.....	2,634	1,928	291	New Orleans (La.) area.....	7,230	4,222	763
Dayton (Ohio) area.....	4,121	3,153	606	New York-Northeastern New Jersey area.....	158,445	101,333	15,915
Decatur (Ill.) area.....	1,073	761	133	Norfolk-Portsmouth (Va.) area.....	3,943	3,111	505
Denver (Colo.) area.....	6,050	4,244	885	Ogden (Utah) area.....	793	573	93
Des Moines (Iowa) area.....	2,567	1,767	310	Oklahoma City (Okla.) area.....	3,741	2,381	446
Detroit (Mich.) area.....	29,380	21,716	4,216	Omaha (Nebr.) area.....	3,662	2,616	485
Dubuque (Iowa) area.....	909	615	88	Orlando (Fla.) area.....	1,896	1,224	215
Duluth (Minn.)-Superior (Wis.) area.....	3,114	2,054	280	Peoria (Ill.) area.....	2,758	2,006	301
Durham (N. C.) area.....	962	634	102	Philadelphia (Pa.) area.....	43,613	25,741	4,315
El Paso (Tex.) area.....	1,985	1,311	245	Phoenix (Ariz.) area.....	4,470	2,828	492
Erie (Pa.) area.....	2,503	1,581	253	Pittsburgh (Pa.) area.....	21,940	14,288	2,271
Evansville (Ind.) area.....	1,524	1,216	184	Pittsfield (Mass.) area.....	754	532	85
Fall River (Mass.) area.....	1,682	1,036	136	Portland (Maine) area.....	1,806	954	166
Flint (Mich.) area.....	2,865	2,243	421	Portland (Oreg.) area.....	8,060	5,092	905
Fort Smith (Ark.) area.....	905	593	86	Providence (R. I.) area.....	9,528	5,398	795
Fort Wayne (Ind.) area.....	1,739	1,353	240	Pueblo (Colo.) area.....	887	637	98
Fort Worth (Tex.) area.....	4,254	2,698	564	Racine (Wis.) area.....	1,458	1,018	131
Fresno (Calif.) area.....	3,761	2,351	370	Raleigh (N. C.) area.....	1,366	882	153
Gadsden (Ala.) area.....	927	509	72	Reading (Pa.) area.....	3,299	1,973	272
Galveston (Tex.) area.....	1,496	1,028	126	Richmond (Va.) area.....	3,112	2,350	422
Grand Rapids (Mich.) area.....	3,063	2,319	394	Roanoke (Va.) area.....	1,326	968	154
Green Bay (Wis.) area.....	1,387	857	129	Rochester (N. Y.) area.....	4,950	3,416	624
Greensboro-High Point (N. C.) area.....	2,081	1,321	247	Rockford (Ill.) area.....	1,729	1,207	204
Greenville (S. C.) area.....	1,798	1,090	174	Sacramento (Calif.) area.....	3,655	2,409	461
Hamilton-Middletown (Ohio) area.....	1,536	1,110	181	Saginaw (Mich.) area.....	1,520	1,170	188
Hampton-Newport News-Warwick City (Va.) area.....	1,375	1,069	165	St. Joseph (Mo.) area.....	1,128	766	106
Harrisburg (Pa.) area.....	3,451	2,217	352	St. Louis (Mo.) area.....	19,136	12,648	2,063
Hartford (Conn.) area.....	4,010	2,874	541	Salt Lake City (Utah) area.....	2,739	1,979	367
Houston (Tex.) area.....	9,096	5,994	1,214	San Angelo (Tex.) area.....	821	527	82
Huntington (W. Va.)-Ashland (Ky.) area.....	2,432	1,530	223	San Antonio (Tex.) area.....	5,513	3,535	553
				San Bernardino-Riverside-Ontario (Calif.) area.....	6,048	4,178	628
				San Diego (Calif.) area.....	6,449	4,785	801
				San Francisco-Oakland (Calif.) area.....	26,518	17,262	3,020

No. 1099.—RETAIL TRADE—ESTABLISHMENTS AND SALES, FOR STANDARD METROPOLITAN AREAS: 1954—Continued

STANDARD METROPOLITAN AREA	ESTABLISHMENTS		Sales (mil. dol.)	STANDARD METROPOLITAN AREA	ESTABLISHMENTS		Sales (mil. dol.)
	Total	With payroll			Total	With payroll	
San Jose (Calif.) area.....	4,057	2,688	465	Toledo (Ohio) area.....	4,157	3,091	508
Savannah (Ga.) area.....	1,521	1,017	154	Topeka (Kans.) area.....	1,295	905	144
Scranton (Pa.) area.....	3,463	1,723	224	Trenton (N. J.) area.....	3,168	1,972	336
Seattle (Wash.) area.....	8,178	5,386	1,008	Tucson (Ariz.) area.....	1,837	1,277	204
Shreveport (La.) area.....	2,182	1,488	246	Tulsa (Okla.) area.....	3,078	1,980	367
Sioux City (Iowa) area.....	1,260	916	149	Utica-Rome (N. Y.) area.....	3,742	2,346	307
Sioux Falls (S. Dak.) area.....	881	645	99	Waco (Tex.) area.....	1,576	1,068	149
South Bend (Ind.) area.....	2,020	1,566	252	Washington (D. C.) area.....	11,122	8,506	2,024
Spokane (Wash.) area.....	2,443	1,631	314	Waterbury (Conn.) area.....	1,929	1,283	185
Springfield (Ill.) area.....	1,594	1,140	179	Waterloo (Iowa) area.....	1,136	842	128
Springfield (Mo.) area.....	1,355	837	118	Wheeling (W. Va.)-Steuben-			
Springfield (Ohio) area.....	1,168	870	133	ville (Ohio) area.....	4,118	2,682	329
Springfield-Holyoke (Mass.)				Wichita (Kans.) area.....	2,770	2,080	377
area.....	4,639	3,153	520	Wichita Falls (Tex.) area.....	1,183	819	135
Stamford-Norwalk (Conn.)				Wilkes-Barre-Hazleton (Pa.)			
area.....	2,723	1,987	322	area.....	5,034	2,366	310
Stockton (Calif.) area.....	2,537	1,693	259	Wilmington (Del.) area.....	3,262	2,134	382
Syracuse (N. Y.) area.....	3,873	2,565	450	Winston-Salem (N. C.) area.....	1,435	899	155
Tacoma (Wash.) area.....	2,673	1,735	283	Worcester (Mass.) area.....	2,900	1,978	322
Tampa-St. Petersburg (Fla.)				York (Pa.) area.....	2,611	1,673	239
area.....	6,206	3,720	610	Youngstown (Ohio) area.....	5,503	3,847	593
Terre Haute (Ind.) area.....	1,140	844	120				

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1954*, Retail Trade, Vol. II.

No. 1100.—RETAIL TRADE—MAIL-ORDER AND STORE SALES OF SELECTED COMPANIES: 1929 TO 1958

[In thousands of dollars]

YEAR	Total, both companies	Montgomery Ward & Company	Sears, Roebuck & Company	YEAR	Total, both companies	Montgomery Ward & Company	Sears, Roebuck & Company
1929.....	734,983	291,531	443,453	1954.....	4,027,096	960,619	3,066,477
1930.....	662,702	272,320	390,382	1955.....	4,489,286	1,053,164	3,436,122
1935.....	718,533	305,012	413,522	1956.....	4,830,896	1,143,967	3,686,929
1940.....	1,282,383	542,498	739,885	1957.....		1,064,336	3,805,874
1945.....	1,755,260	697,313	1,057,947	First quarter.....		178,158	740,473
1950.....	3,854,560	1,231,011	2,623,538	Second quarter.....		260,426	981,468
1951.....	4,014,188	1,213,837	2,800,351	Third quarter.....		259,103	967,905
1952.....	4,215,505	1,167,081	3,048,425	Fourth quarter.....		366,651	1,116,028
1953.....	4,234,263	1,087,415	3,146,847	1958, first quarter.....		186,895	710,071

<sup>1</sup> Beginning 1957, net sales; not comparable with data through 1956, which are gross.

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

## No. 1101.—DEPARTMENT STORE MERCHANDISING SUMMARY: 1940 TO 1957

[In millions of dollars, except ratios. These figures are actual dollar amounts reported by a group of department stores located in various cities throughout the country and are not estimates for all department stores. Receipts of goods are derived from reported figures on sales and stocks. New orders are derived from receipts and reported figures on outstanding orders]

MONTHLY AVERAGE	Sales (total for month)	Stocks (end of month)	Outstand- ing orders (end of month)	Re- ceipts (total for month)	New orders (total for month)	RATIOS				
						Stocks to sales	Out- stand- ing orders to sales	Out- stand- ing orders to stocks	Stocks plus out- standing orders to sales	Re- ceipts to sales
1940.....	147	379	115	148	(1)	2.7	0.8	0.3	3.6	1.0
1945.....	276	604	775	277	291	2.3	3.0	1.3	5.3	1.0
1950.....	376	1,012	495	391	401	2.8	1.4	0.5	4.2	1.1
1951.....	391	1,202	460	390	379	3.2	1.3	0.4	4.4	1.0
1952.....	397	1,097	435	397	401	2.9	1.2	0.4	4.1	1.0
1953.....	406	1,163	421	408	401	3.0	1.1	0.4	4.1	1.0
1954.....	409	1,140	388	410	412	3.0	1.0	0.3	4.0	1.0
1955.....	437	1,195	446	444	449	2.9	1.1	0.4	4.0	1.0
1956.....	454	1,286	470	459	458	3.0	1.1	0.4	4.1	1.0
1957.....	458	1,338	460	460	457	3.1	1.1	0.3	4.2	1.0

<sup>1</sup> Not available.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 1102.—DEPARTMENT STORE SALES AND STOCKS—INDEXES, BY FEDERAL RESERVE DISTRICT: 1940 TO 1958

[1947-49 average=100. Based on retail value figures. All monthly data adjusted for seasonal variation and sales data also adjusted for number of trading days. Data for stocks are as of end of month or are annual averages]

YEAR OR MONTH	United States	FEDERAL RESERVE DISTRICT											
		Bos- ton	New York	Phila- del- phia	Cleve- land	Rich- mond	At- lanta	Chi- cago	St. Louis	Min- neapo- lis	Kan- sas City	Dal- las	San Fran- cisco
SALES													
1940.....	37	42	43	41	38	34	29	40	35	36	34	27	33
1945.....	70	72	70	68	68	72	70	68	70	66	72	66	72
1950.....	107	105	102	107	107	107	111	105	106	107	112	115	106
1951.....	112	109	107	112	114	115	117	110	111	107	117	120	112
1952.....	114	110	104	113	115	122	127	109	116	109	121	129	120
1953.....	118	114	105	117	119	127	131	114	120	110	123	132	122
1954.....	118	117	108	116	112	129	135	112	121	113	129	136	122
1955.....	128	123	113	125	122	140	149	122	132	117	140	149	132
1956.....	135	126	120	131	128	146	164	128	138	126	144	158	141
1957.....	136	122	124	132	129	148	169	128	138	128	142	160	141
1958:													
January.....	130	116	125	126	125	146	157	121	132	126	138	156	132
February.....	124	111	115	114	117	134	147	115	125	121	135	143	135
March.....	131	114	127	126	119	138	158	124	134	132	144	153	137
April.....	130	114	121	135	121	147	155	118	130	120	136	151	142
STOCKS													
1940.....	38	47	43	42	39	33	29	40	36	39	36	29	34
1945.....	60	71	69	64	59	62	53	58	58	57	56	52	56
1950.....	110	112	106	110	108	109	123	108	108	106	114	114	112
1951.....	131	129	127	132	132	129	145	125	130	121	137	135	137
1952.....	121	117	115	120	115	127	143	112	120	113	130	129	131
1953.....	131	124	120	129	125	141	155	122	131	123	146	143	140
1954.....	128	126	117	127	122	138	152	120	125	124	141	140	135
1955.....	136	132	119	135	124	159	170	127	135	130	152	153	142
1956.....	148	141	130	148	133	175	195	138	148	142	164	168	156
1957.....	152	138	137	154	136	178	203	143	149	146	161	174	158
1958:													
January.....	147	133	137	154	133	167	202	135	143	138	153	170	152
February.....	146	127	136	150	130	167	200	135	142	139	151	163	149
March.....	142	129	133	149	126	163	193	131	140	132	148	160	149
April.....	143	131	134	149	124	167	190	131	141	129	145	163	151

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 1103.—WHOLESALE TRADE—SALES AND STOCKS: 1948 TO 1957

(In billions of dollars. Series revised in accord with results of 1954 Census of Business)

YEAR	ALL ESTABLISHMENTS		DURABLE GOODS ESTABLISHMENTS		NONDURABLE GOODS ESTABLISHMENTS	
	Sales	Stocks end of period	Sales	Stocks end of period	Sales	Stocks end of period
1948.....	90.6	7.7	29.2	3.5	61.4	4.2
1949.....	85.5	7.5	27.2	3.4	59.3	4.1
1950.....	101.0	9.0	35.4	4.1	65.6	4.9
1951.....	112.4	9.6	39.6	4.6	72.8	5.0
1952.....	114.8	9.9	39.3	4.7	75.4	5.2
1953.....	117.7	10.3	41.4	4.9	76.3	5.4
1954.....	116.8	10.3	40.0	4.9	76.8	5.4
1955.....	127.4	11.3	48.2	5.6	79.2	5.7
1956.....	135.3	12.9	52.5	6.6	82.8	6.3
1957.....	135.2	12.5	54.8	6.1	80.4	6.4

Source: Department of Commerce, Office of Business Economics; published in *Survey of Current Business*.

## No. 1104.—WHOLESALE TRADE—SIZE OF ESTABLISHMENT OR FIRM AND LEGAL FORM OF ORGANIZATION: 1954

ITEM	Estab-lish-ments	Sales	Payroll, entire year	ITEM	Estab-lish-ments	Payroll, entire year
SALES SIZE <sup>1</sup>				SINGLE UNITS AND MULTIUNITS		
Merchant wholesalers.....	165,153	<i>Mil. dol.</i> 101,101	<i>\$1,000</i> 7,018,090	All establishments.....	252,318	<i>\$1,000</i> 11,021,450
Operated entire year.....	159,687	99,620	6,916,193	In single-unit firms.....	181,273	6,148,185
With annual sales of—				In multiunit firms with—		
Less than \$50,000.....	25,339	705	109,346	2 wholesale establishments.....	10,855	699,359
\$50,000 to \$99,000.....	25,011	1,858	224,731	3 wholesale establishments.....	4,939	304,799
\$100,000 to \$199,000.....	31,174	4,533	503,680	4 or 5 wholesale establishments.....	4,797	406,660
\$200,000 to \$299,000.....	17,886	4,425	455,305	6 to 9 wholesale establishments.....	4,706	441,604
\$300,000 to \$499,000.....	19,583	7,657	734,904	10 to 14 wholesale establishments.....	3,802	295,391
\$500,000 to \$999,000.....	19,663	13,952	1,200,231	15 to 24 wholesale establishments.....	4,622	462,025
\$1,000,000 to \$1,999,000.....	11,969	16,742	1,266,977	25 to 49 wholesale establishments.....	5,503	489,642
\$2,000,000 to \$4,999,000.....	6,609	19,941	1,250,415	50 to 99 wholesale establishments.....	4,516	377,661
\$5,000,000 to \$9,999,000.....	1,638	11,223	589,154	100 or more wholesale establishments.....	27,215	1,336,115
\$10,000,000 and over.....	815	18,585	551,450			
Not operated entire year.....	5,466	1,481	101,897	LEGAL FORM OF ORGANIZATION		
EMPLOYMENT SIZE				All establishments.....	252,318	11,021,450
All establishments.....	252,318		11,021,450	Individual proprietorships.....	70,363	883,923
With Nov. 15 employment of—				Partnerships.....	38,923	914,408
1 paid employee.....	57,535		217,500	Corporations.....	127,748	8,477,463
2 paid employees.....	32,891		245,586	Cooperatives.....	5,925	250,414
3 paid employees.....	25,760		299,835	Other legal forms.....	9,359	495,242
4 or 5 paid employees.....	34,813		622,357			
6 or 7 paid employees.....	23,192		619,473			
8 or 9 paid employees.....	14,411		525,912			
10 to 19 paid employees.....	34,038		1,982,939			
20 to 49 paid employees.....	21,736		2,808,544			
50 to 99 paid employees.....	5,491		1,631,027			
100 or more.....	2,451		2,068,277			

<sup>1</sup> Available for merchant wholesalers only.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1954*, Wholesale Trade, Vol. III, and records.

STATE OR TERRITORY	1948								
	Estab- lish- ments	Inven- tories, end of year, at cost	Payroll, entire year	Paid em- ployees, work- week ended nearest Nov. 15	Active proprietors of unincor- porated busi- nesses, Novem- ber	Merchant whole- salers <sup>1</sup>		Manufacturers' sales branches, sales offices <sup>1</sup>	
						Estab- lish- ments	Sales	Estab- lish- ments	Sales
Cont. U. S.	216,099	Mil. dol. 9,965	Thous. dol. 7,734,207	2,305,403	130,878	129,117	Mil. dol. 76,533	23,706	Mil. dol. 50,800
N. E.	11,666	608	453,795	136,032	4,914	8,463	4,510	1,623	2,515
Maine	869	44	27,010	9,563	365	549	248	101	80
N. H.	465	14	10,650	3,824	205	306	104	53	34
Vt.	340	15	8,671	2,931	167	208	78	36	19
Mass.	6,847	369	291,428	82,718	2,688	4,948	2,971	1,025	1,894
R. I.	994	54	34,914	11,027	501	816	346	103	( <sup>2</sup> )
Conn.	2,151	111	86,122	25,969	988	1,636	763	310	( <sup>2</sup> )
M. A.	54,380	2,732	2,285,698	591,447	32,619	41,223	24,168	5,718	17,501
N. Y.	36,518	1,972	1,599,255	384,100	20,350	27,950	17,705	3,457	12,357
N. J.	5,057	231	197,539	57,094	3,030	4,162	1,893	444	937
Pa.	12,805	530	488,904	150,253	9,239	9,111	4,571	1,817	4,207
E. N. C.	42,597	1,778	1,642,405	458,437	25,551	24,434	14,773	5,462	12,857
Ohio	10,410	420	409,490	117,316	5,887	6,359	3,882	1,619	3,358
Ind.	4,895	180	138,023	42,857	3,090	2,562	1,347	427	526
Ill.	15,096	664	665,129	175,207	9,260	8,521	5,812	1,092	5,758
Mich.	7,600	324	297,706	83,138	4,853	4,484	2,361	1,014	2,515
Wis.	4,596	189	131,967	39,919	2,461	2,508	1,370	410	699
W. N. C.	28,401	1,079	702,498	233,035	16,676	10,395	7,463	2,195	3,853
Minn.	5,302	271	162,650	52,082	2,845	2,143	1,981	491	884
Iowa	5,320	136	97,751	34,532	3,632	1,767	1,949	316	363
Mo.	6,919	357	275,720	85,302	4,275	3,695	2,746	971	2,019
N. Dak.	2,102	73	24,705	8,885	842	298	178	45	76
S. Dak.	1,679	40	20,978	7,941	838	318	173	38	39
Nebr.	2,532	93	60,656	21,890	1,668	929	639	180	290
Kans.	4,157	109	60,038	22,403	2,576	1,245	797	154	180
S. A.	20,825	957	715,920	255,645	12,204	12,336	6,454	2,421	4,600
Del.	344	23	17,672	5,140	187	213	86	56	( <sup>2</sup> )
Md.	2,761	118	98,946	33,281	1,750	1,904	923	301	573
D. C.	1,018	51	58,886	16,243	478	644	467	238	539
Va.	2,863	132	96,230	38,549	1,715	1,670	926	278	( <sup>2</sup> )
W. Va.	1,638	71	54,917	17,162	736	1,151	564	178	204
N. C.	3,690	190	102,530	41,037	2,300	1,984	1,023	356	727
S. C.	1,617	55	36,297	13,402	947	837	457	113	112
Ga.	3,586	174	131,194	43,117	2,215	1,835	1,063	619	1,302
Fla.	3,408	143	119,248	47,714	1,876	2,098	945	282	( <sup>2</sup> )
E. S. C.	9,480	476	283,278	103,848	6,700	5,412	3,677	862	1,311
Ky.	2,266	103	69,911	25,264	1,634	1,311	766	158	229
Tenn.	3,220	205	110,527	39,188	2,134	1,831	1,737	375	577
Ala.	2,386	101	71,553	26,174	1,755	1,397	758	258	447
Miss.	1,608	66	31,287	13,222	1,177	873	416	71	57
W. S. C.	18,765	873	531,354	186,176	12,491	9,833	6,030	1,953	2,887
Ark.	2,008	60	34,407	14,099	1,480	940	407	96	77
La.	2,872	162	100,145	34,725	1,752	1,701	1,151	342	522
Okla.	3,302	108	71,442	24,570	2,108	1,572	719	279	337
Tex.	10,583	543	325,360	112,782	7,151	5,620	3,753	1,236	1,952
Mt.	7,986	302	196,940	68,774	4,871	3,573	1,730	665	713
Mont.	1,338	50	21,419	7,343	586	386	192	66	57
Idaho.	1,102	27	19,205	8,877	681	308	122	56	21
Wyo.	411	14	5,925	2,136	268	179	80	29	15
Colo.	2,422	97	74,803	25,316	1,534	1,157	621	258	( <sup>2</sup> )
N. Mex.	662	26	12,098	4,349	499	362	148	36	12
Ariz.	785	29	23,115	7,805	513	430	218	71	52
Utah.	1,025	52	35,842	11,656	616	618	294	133	167
Nev.	241	7	4,533	1,292	174	133	54	16	( <sup>2</sup> )
Pac.	21,999	1,162	917,319	272,009	14,852	13,448	7,728	2,802	4,563
Wash.	3,782	187	139,520	44,062	2,290	2,091	1,225	453	526
Oreg.	2,345	140	91,276	28,491	1,396	1,359	928	230	376
Calif.	15,872	836	686,523	199,456	11,166	9,998	5,575	2,109	3,661
Alaska	95	3	1,347	432	59	21	8	3	( <sup>2</sup> )
Hawaii	577	39	27,529	8,128	353	441	241	30	43

<sup>1</sup> For additional types of wholesale operation, see table 1106.<sup>2</sup> Withheld to avoid disclosure.

## SUMMARY, BY STATES AND TERRITORIES: 1948 AND 1954

1954									STATE OR TERRITORY
Estab- lish- ments	Inven- tories, end of year, at cost	Payroll, entire year	Paid em- ployees, work- week ended nearest Nov. 15	Active proprie- tors of unincor- porated busi- nesses, Novem- ber	Merchant whole- salers <sup>1</sup>		Manufacturers' sales branches, sales offices <sup>1</sup>		
					Estab- lish- ments	Sales	Estab- lish- ments	Sales	
	<i>Mil. dol.</i>	<i>Thous. dol.</i>				<i>Mil. dol.</i>		<i>Mil. dol.</i>	
252,318	13,079	11,021,450	2,590,236	151,213	165,153	101,101	22,590	69,534	Cont. U. S.
14,154	748	647,550	152,921	6,307	11,006	5,566	1,443	3,491	N. E.
1,314	59	41,231	12,039	573	922	359	100	106	Maine.
615	24	19,733	5,099	259	451	178	53	58	N. H.
423	17	11,949	3,294	214	279	96	34	21	Vt.
7,934	426	385,839	87,481	3,313	6,041	3,322	860	2,457	Mass.
1,256	71	49,206	12,554	582	1,053	478	93	251	R. I.
2,912	151	139,592	32,454	1,366	2,260	1,132	303	508	Conn.
59,985	3,378	2,993,584	629,148	34,933	46,966	30,475	4,650	22,252	M. A.
38,003	2,284	1,929,846	385,121	20,248	29,990	21,877	2,495	15,169	N. Y.
6,909	338	357,433	78,329	3,859	5,697	3,040	516	1,709	N. J.
15,073	706	706,305	165,698	10,826	11,279	5,558	1,639	5,374	Pa.
49,397	2,394	2,411,063	522,134	29,252	31,146	19,342	5,033	18,032	E. N. C.
11,973	566	621,405	135,967	6,198	7,833	4,607	1,552	5,160	Ohio.
5,881	259	224,141	52,820	3,614	3,399	1,832	475	853	Ind.
16,493	869	890,165	186,178	10,117	10,452	7,627	1,620	7,006	Ill.
9,441	474	478,771	99,793	6,327	6,174	3,665	915	3,970	Mich.
5,609	225	196,581	47,376	2,996	3,288	1,611	471	1,044	Wis.
30,382	1,312	996,655	249,843	18,194	13,205	9,015	2,232	5,227	W. N. C.
6,099	312	242,324	57,620	3,500	2,833	2,253	497	1,216	Minn.
5,641	178	138,640	37,776	3,837	2,184	1,295	342	445	Iowa.
7,604	433	380,198	88,405	4,488	4,377	3,248	918	2,752	Mo.
2,074	72	33,059	8,961	854	416	258	66	112	N. Dak.
1,693	51	27,782	8,350	902	440	204	57	47	S. Dak.
3,006	126	85,439	23,932	1,904	1,253	803	194	417	Nebr.
4,265	141	89,213	24,799	2,709	1,702	953	158	238	Kans.
26,303	1,300	1,082,739	306,176	14,921	17,376	9,089	2,636	6,284	S. A.
417	26	35,900	7,025	193	284	143	59	570	Del.
3,038	150	141,396	35,330	1,833	2,209	1,105	311	784	Md.
1,090	63	76,748	16,733	459	761	584	190	598	D. C.
3,362	219	134,216	41,047	1,821	2,213	1,223	296	604	Va.
1,823	77	67,064	17,830	848	1,339	548	173	209	W. Va.
4,752	208	162,796	50,617	2,840	2,957	1,517	379	999	N. C.
2,016	84	56,394	18,490	1,220	1,256	634	146	140	S. C.
4,496	253	200,798	54,247	2,724	2,658	1,599	671	1,834	Ga.
5,309	221	207,427	64,857	2,983	3,699	1,736	411	646	Fla.
11,278	807	420,915	122,389	7,784	7,161	4,773	905	2,165	E. S. C.
2,720	266	104,160	29,997	1,846	1,721	965	167	450	Ky.
3,877	336	166,179	47,011	2,584	2,531	2,244	386	888	Tenn.
2,818	135	104,257	30,135	2,041	1,814	1,021	264	740	Ala.
1,863	70	46,319	15,246	1,313	1,095	544	88	86	Miss.
22,971	1,230	812,575	218,225	15,261	14,413	8,858	2,100	4,214	W. S. C.
1,965	68	47,869	14,427	1,437	1,140	507	101	118	Ark.
3,634	196	146,661	40,490	2,231	2,442	1,667	367	665	La.
3,627	139	101,058	27,224	2,434	2,093	989	272	626	Okla.
13,745	827	516,987	136,084	9,159	8,738	5,695	1,360	2,804	Tex.
10,019	384	296,396	80,382	6,295	5,318	2,563	759	1,066	Mt.
1,499	51	30,207	7,885	687	558	267	74	49	Mont.
1,273	37	27,220	10,003	824	527	188	51	20	Idaho.
553	19	9,212	2,576	366	276	97	28	(2)	Wyo.
2,897	121	100,540	25,583	1,919	1,545	835	303	646	Colo.
1,003	36	27,450	7,741	703	630	281	61	30	N. Mex.
1,285	53	44,361	12,270	802	848	419	86	90	Ariz.
1,174	56	48,180	12,250	746	703	367	143	208	Utah.
335	11	9,226	2,074	248	231	109	13	(2)	Nev.
27,529	1,526	1,359,973	309,018	18,256	18,562	11,420	2,832	6,892	Pac.
4,658	247	200,962	48,617	2,615	2,796	1,725	500	799	Wash.
2,995	169	124,607	29,068	2,011	1,935	1,281	266	493	Oreg.
19,876	1,110	1,034,404	231,333	13,640	13,831	8,413	2,066	5,600	Calif.
184	14	6,274	981	83	100	41	7	(2)	Alaska.
594	51	37,754	9,886	335	445	294	38	45	Hawaii.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1954, Wholesale Trade, Vol. IV.

## No. 1106.—WHOLESALE TRADE—SUMMARY,

TYPE OF OPERATION AND KIND OF BUSINESS		ESTABLISH- MENTS		SALES		INVENTORIES, END OF YEAR, AT COST	
		1948	1954	1948	1954	1948	1954
				Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
1	<b>Total</b> .....	216,099	252,318			9,965	13,079
	<b>TYPE OF OPERATION</b>						
2	Merchant wholesalers.....	129,117	165,153	76,533	101,101	7,056	9,525
3	Manufacturers' sales branches, sale offices.....	23,706	22,590	50,800	69,534	1,730	2,153
4	Petroleum bulk plants, terminals and LP gas facilities.....	28,351	29,189	10,483	16,038	702	913
5	Merchandise agents, brokers.....	18,138	22,131	32,840	39,251	65	103
6	Assemblers of farm products.....	16,787	13,255	9,920	9,051	412	385
	<b>TYPE BY KIND OF BUSINESS</b>						
7	<b>Merchant wholesalers, total</b> .....	129,117	165,153	76,533	101,101	7,056	9,525
8	Grocery, confectionery, meat wholesalers.....						
	Farm products (edible) distributors.....	26,673	29,795	17,072	22,058	997	1,082
9	General-line grocery wholesalers.....	4,253	3,320	5,772	7,354	599	560
10	Confectionery wholesalers.....	1,696	1,909	358	527	24	36
11	Fish, sea food distributors <sup>1</sup> .....	1,100	1,798	388	625	16	30
12	Meat, meat products wholesalers.....	3,200	4,357	1,977	2,866	34	69
13	Specialty-line grocery wholesalers (excl. dairy products distributors).....	5,458	6,950	2,719	4,608	210	253
14	Poultry, poultry products distributors (incl. dairy products distributors).....	4,839	4,941	2,689	2,815	63	63
15	Fresh fruit, vegetable wholesalers.....	6,127	6,520	3,170	3,262	52	71
16	Beer, wine, distilled spirits wholesalers.....	6,701	7,309	4,050	5,697	373	511
17	Beer, ale distributors.....	5,206	5,791	1,525	2,311	69	105
18	Wine, distilled spirits wholesalers.....	1,495	1,518	2,525	3,376	304	406
19	Tobacco distributors.....	2,701	2,858	2,487	3,209	114	146
20	Drugs, chemicals, allied products wholesalers.....	4,124	5,837	2,243	3,370	261	346
21	General-line drug wholesalers.....	302	392	844	1,273	117	176
22	Specialty-line drug, toiletries wholesalers.....	1,594	2,409	496	901	60	80
23	Industrial chemicals, explosives distributors.....	1,075	1,878	686	923	51	63
24	Paint, varnish wholesalers.....	1,153	1,158	217	273	34	27
25	Dry goods, apparel wholesalers.....						
	Furniture, home furnishings wholesalers (incl. musical instrument, sheet music wholesalers).....	12,793	14,713	6,779	7,964	812	985
26	Clothing, furnishings, footwear wholesalers.....	4,122	4,252	1,471	1,827	185	199
27	General-line dry goods wholesalers.....	178	132	456	394	69	55
28	Specialty-line dry goods wholesalers (incl. curtain, drapery wholesalers; domestics wholesalers).....	4,214	4,586	1,864	2,161	208	254
29	Piece goods converters.....	1,090	817	1,738	1,504	189	236
30	Furniture (household, office) wholesalers.....	1,054	1,976	375	698	45	69
31	Home furnishings, floor coverings wholesalers (incl. musical instrument, sheet music wholesalers; excl. curtain, drapery wholesalers; domestics wholesalers).....	2,135	2,950	874	1,381	116	173
32	Paper, allied products wholesalers.....	3,630	5,057	1,880	2,961	102	255
33	Coarse paper and products wholesalers.....						
	Printing and fine paper distributors.....	2,627	3,300	1,670	2,546	159	211
34	Stationery, office supplies wholesalers.....	759	1,564	177	370	27	37
35	Wallpaper wholesalers.....	244	193	33	46	6	8
36	Farm products (raw materials) merchants.....	2,059	3,853	6,771	9,232	454	976
37	Automotive wholesalers.....	13,563	15,540	3,918	3,978	592	598
38	Motor vehicle distributors.....	2,073	1,563	1,351	757	114	43
39	Automotive equipment, tire-tube wholesalers.....	11,490	13,977	2,567	3,220	478	555
40	Electrical, electronics, appliance distributors.....	5,041	7,123	4,309	6,338	502	726
41	Electrical apparatus, supplies distributors.....	2,698	3,159	2,279	2,910	278	337
42	Electrical appliance, radio, TV set wholesalers.....	2,343	2,065	2,080	2,815	225	304
43	Electronic parts, equipment distributors <sup>2</sup> .....		1,899		613		85
44	Hardware, plumbing-heating goods wholesalers.....	5,189	6,183	3,680	4,398	604	726
45	Hardware wholesalers.....	1,977	2,137	2,006	2,068	365	377
46	Plumbing, heating equipment, supplies distributors.....	3,212	4,046	1,674	2,330	239	350
47	Lumber, construction materials distributors.....	5,576	10,314	3,890	6,586	273	423
48	Lumber, millwork wholesalers.....	3,109	4,304	2,756	3,806	194	253
49	Construction materials distributors <sup>2</sup> .....	2,467	6,010	1,134	2,780	79	170
50	Machinery, equipment, supplies distributors.....	19,573	27,150	6,723	10,040	943	1,331
51	Air conditioning, commercial refrigerator equipment distributors.....	1,433	1,860	298	484	47	59
52	Commercial machines, equipment distributors.....	3,137	3,219	635	660	86	77
53	Construction machinery, equipment dealers.....	906	1,640	780	1,401	131	276
54	Farm-garden machinery, equipment wholesalers.....	823	1,112	481	534	58	76

See footnotes at end of table.



BY KIND OF BUSINESS: 1948 AND 1954

OPERATING EXPENSES 1 (INCL. PAYROLL) AS PERCENT OF SALES		PAYROLL, ENTIRE YEAR		PAYROLL AND PAID EMPLOYEES, WORK- WEEK ENDED NEAREST NOVEMBER 15				ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES, NOVEMBER		1
				Payroll		Employees				
1948	1954	1948	1954	1948	1954	1948	1954	1948	1954	
Percent	Percent	Thous. dol. 7,734,207	Thous. dol. 11,021,450	Thous. dol. 148,293	Thous. dol. 216,084	2,305,403	2,590,236	130,878	151,213	
11.5	13.2	4,848,628	7,018,090	91,456	137,000	1,440,738	1,686,501	85,351	105,270	2
7.6	7.7	1,903,870	2,605,047	36,032	51,666	490,522	515,876	669	110	3
9.0	10.0	845,177	539,643	6,826	10,628	112,264	132,554	22,633	22,206	4
2.5	3.1	349,653	530,707	6,762	10,091	101,522	131,308	14,626	17,287	5
6.1	8.1	286,879	327,903	6,327	6,671	151,357	123,997	7,599	6,340	6
11.5	13.2	4,848,628	7,018,090	91,456	137,000	1,440,738	1,686,501	85,351	105,270	7
8.9	9.7	820,879	1,103,639	15,745	21,465	279,271	302,840	22,610	24,510	8
8.2	7.5	285,756	325,073	5,434	6,364	95,600	82,807	2,069	1,538	9
12.1	12.9	24,398	34,244	492	677	6,590	10,563	1,518	1,671	10
15.6	16.8	30,067	47,757	595	965	11,167	17,537	937	1,534	11
7.5	10.3	82,149	148,803	1,608	2,861	25,108	35,954	3,056	4,215	12
9.7	9.0	125,059	205,361	2,427	4,027	41,970	56,020	4,048	5,089	13
7.9	10.1	115,900	134,881	2,234	2,688	43,515	40,721	4,420	3,849	14
9.9	13.2	157,550	207,520	2,956	3,884	52,312	59,238	6,556	6,614	15
16.9	12.0	223,976	342,382	4,324	6,607	63,512	73,238	4,192	5,102	16
14.3	16.3	106,348	170,619	2,024	3,296	34,404	42,029	4,233	4,595	17
8.9	9.1	117,628	165,763	2,300	3,811	29,109	31,199	559	507	18
5.2	5.9	75,327	103,779	1,425	1,967	26,104	28,382	2,302	2,466	19
15.9	15.9	185,750	283,050	3,505	5,583	55,820	68,738	1,955	2,628	20
11.9	13.6	65,403	104,046	1,244	2,026	21,996	26,293	37	35	21
23.1	16.9	46,471	74,881	915	1,523	14,589	19,858	961	1,391	22
13.4	15.9	45,884	69,802	825	1,400	10,707	14,355	374	630	23
22.7	23.8	27,992	33,721	522	633	8,528	8,232	583	572	24
12.9	14.8	461,623	585,174	8,418	11,142	110,921	127,720	8,458	8,884	25
14.5	15.4	109,207	133,510	2,011	2,528	28,955	30,612	3,179	2,913	26
13.0	14.4	36,360	33,168	677	601	9,815	7,761	60	62	27
12.2	13.9	115,938	144,996	2,116	2,659	27,570	31,307	2,855	2,833	28
9.0	9.7	81,372	69,686	1,373	1,454	12,118	11,074	425	281	29
19.9	21.1	43,160	76,723	814	1,451	11,547	17,495	662	1,198	30
16.1	17.9	75,586	127,091	1,428	2,450	20,916	29,471	1,277	1,597	31
15.5	15.9	178,647	267,404	3,363	5,130	48,682	58,441	1,871	2,682	32
13.9	14.0	143,178	208,471	2,675	3,956	36,835	43,737	1,373	1,666	33
26.9	26.4	20,964	52,051	588	1,040	10,052	13,144	419	961	34
33.7	29.9	5,505	6,882	100	134	1,795	1,560	79	65	35
3.6	4.0	84,970	140,601	1,487	2,763	22,987	38,673	1,339	2,644	36
18.1	22.6	420,642	523,812	8,152	10,458	136,403	134,473	8,620	10,059	37
10.4	15.2	78,116	61,595	1,527	1,192	23,872	14,388	1,246	933	38
22.1	24.4	342,526	462,217	6,625	9,267	112,531	120,085	7,374	9,076	39
12.8	14.0	318,155	494,600	6,098	9,761	89,407	108,238	2,365	3,061	40
12.6	13.6	170,341	227,777	3,230	4,429	48,454	50,118	1,232	1,356	41
13.1	13.1	147,814	198,955	2,868	3,966	40,953	41,830	1,133	713	42
	20.4		67,868		1,866		16,290		992	43
15.2	17.2	346,132	437,323	6,342	8,402	98,222	101,008	2,499	2,852	44
15.6	18.3	203,769	227,146	3,718	4,313	59,330	54,245	1,016	1,110	45
14.8	16.3	142,363	210,177	2,623	4,089	38,892	46,763	1,483	1,742	46
14.1	16.1	303,332	553,583	5,750	11,057	86,631	127,740	2,506	4,984	47
16.8	10.7	167,376	216,440	3,092	4,295	47,027	49,156	1,482	2,051	48
22.1	23.6	135,956	337,143	2,658	6,762	39,804	78,584	1,114	2,933	49
18.2	20.2	689,353	1,099,879	13,005	21,543	192,666	238,984	10,946	15,076	50
24.6	23.7	41,524	63,298	790	1,230	11,857	13,155	827	1,104	51
24.0	25.3	83,750	89,237	1,593	1,761	24,612	21,465	2,160	2,301	52
16.5	19.2	73,947	150,469	1,391	2,890	17,720	28,574	311	533	53
11.9	16.8	33,391	46,026	588	885	8,149	10,180	442	627	54

TYPE OF OPERATION AND KIND OF BUSINESS		ESTABLISH- MENTS		SALES		INVENTORIES, END OF YEAR, AT COST							
		1948	1954	1948	1954	1948	1954						
TYPE BY KIND OF BUSINESS—Con.													
Merchant wholesalers—Continued													
Machinery, equipment, supplies distributors—Con.													
55	Industrial machinery, equipment distributors <sup>1</sup> .....	6,792	{ 5,746	{ 2,974	{ 2,619	395	{ 233						
56	Industrial materials, supplies distributors.....							{ 4,393	{ 2,010	{ 261			
57	Professional equipment, supplies distributors.....							2,353	2,912	562	853	89	123
58	Service establishment supply houses.....							3,520	5,264	743	1,102	107	128
59	Transportation equipment distributors.....							609	1,004	250	376	30	48
60	Metals, metalwork (except scrap) distributors.....	1,706	3,235	1,951	3,363	205	475						
61	Iron, steel and products distributors <sup>4</sup> .....	1,466	2,693	1,448	2,174	169	392						
62	Nonferrous metals distributors.....	240	542	503	1,188	36	83						
63	Scrap, waste materials dealers.....	6,440	8,189	2,664	2,406	101	181						
64	Iron, steel scrap dealers.....	2,620	3,719	1,688	1,213	52	102						
65	Waste materials dealers.....	3,280	4,470	976	1,192	49	79						
66	Other merchant wholesalers (excluding musical in- strument, sheet music wholesalers).....	13,348	17,997	8,117	9,513	634	765						
67	Amusement, sporting goods distributors.....	1,891	2,514	543	953	68	113						
68	Book, magazine, newspaper wholesalers.....	1,471	1,919	456	697	28	48						
69	Coal wholesalers.....	946	700	1,998	794	65	37						
70	Farm supplies wholesalers.....	1,538	2,347	1,197	1,575	87	148						
71	Jewelry wholesalers.....	2,461	2,741	725	825	144	146						
72	Petroleum products distributors.....	1,072	2,260	741	1,416	34	44						
73	Flower, bulb, plant wholesalers.....	601	966	146	223	5	13						
74	Gift, art goods, greeting card wholesalers.....												
	Miscellaneous products merchant wholesalers (excluding musical instrument, sheet music wholesalers).....	3,368	4,550	2,311	3,029	204	216						
75	Manufacturers' sales branches, sales offices, total.....	23,706	22,590	50,800	69,534	1,730	2,153						
76	Food and kindred products.....	4,575	4,488	10,243	11,747	273	242						
77	Textile mill products.....	1,566	714	4,417	2,546	140	83						
	Apparel and related products.....												
78	Furniture and fixtures.....	285	286	193	266	8	18						
79	Paper and allied products.....	1,066	455	1,381	2,098	20	16						
80	Chemicals and allied products.....	2,019	2,190	4,016	8,889	159	174						
81	Primary metal products.....	2,517	2,221	8,540	13,844	141	156						
	Fabricated metal products.....												
82	Machinery (except electrical).....	5,288	5,327	5,887	5,999	267	458						
83	Electrical machinery.....	1,322	1,509	4,407	5,022	131	181						
84	Rubber products.....												
	Leather and leather products.....												
	Stone, clay and glass products.....	5,068	5,400	11,717	19,123	591	824						
	Transportation equipment.....												
	Instruments and related products.....												
	Other manufacturers' products.....												
85	Petroleum bulk plants, terminals, and LP gas facilities.....	28,351	29,189	10,483	16,038	702	913						
86	Merchandise agents, brokers, total.....	18,138	22,131	32,840	39,251	65	103						
87	Groceries, confectionery, meats.....	2,568	2,949	5,180	7,621	9	11						
88	Farm products (edible).....	956	1,107	1,663	2,107	4	4						
89	Drugs, chemicals, paints.....	363	516	372	523	1	2						
90	Apparel (including footwear).....	1,018	1,205	1,471	2,076	1	2						
91	Dry goods, piece goods.....	918	818	3,696	3,233	7	6						
92	Furniture, home furnishings.....	657	837	403	572	1	2						
93	Paper, allied products.....	257	403	230	470	( <sup>5</sup> )	1						
94	Farm products (raw materials).....	3,266	3,566	11,297	11,496	18	30						
95	Automotive.....	447	648	442	925	1	2						
96	Electrical-electronic apparatus, equipment, appli- ances.....	1,026	1,527	634	1,383	2	6						
97	Hardware, plumbing-heating goods.....	908	1,049	420	606	2	3						
98	Lumber, construction materials.....	546	903	462	855	2	2						
99	Machinery, equipment, supplies.....	2,531	3,174	1,365	2,170	8	12						
100	Metals, metalwork (except scrap).....	538	661	677	941	1	10						
101	Other merchandise agents, brokers.....	2,139	2,768	4,529	4,272	8	13						
102	Assemblers of farm products, total <sup>6</sup> .....	16,787	13,255	9,920	9,051	412	385						
103	Dairy, poultry products.....	2,522	2,087	940	1,392	32	21						
104	Fresh fruits, vegetables.....	2,032	1,993	1,087	1,288	34	49						
105	Farm products (raw materials).....	11,105	8,669	7,436	6,172	311	293						
106	Farm supplies.....	341	495	149	195	10	21						
107	Other farm products assemblers.....	243	11	192	4	21	1						

<sup>1</sup> Entries for agents and brokers represent brokerage or commissions percent of sales.<sup>2</sup> 1948 and 1954 not strictly comparable; see source.<sup>3</sup> 1954 figures include oil well supply houses which were considered as manufacturers' sales branches (with stocks) in 1948.<sup>4</sup> 1954 figures include sales branches (with stocks) of steel works and rolling mills companies.

## KIND OF BUSINESS: 1948 AND 1954—Continued

OPERATING EXPENSES <sup>1</sup> (INC. PAYROLL) AS PERCENT OF SALES		PAYROLL, ENTIRE YEAR		PAYROLL AND PAID EMPLOYEES, WORK- WEEK ENDED NEAREST NOVEMBER 15				ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES, NOVEMBER		
1948	1954	1948	1954	Payroll		Employees		1948	1954	
Percent	Percent	Thous. dol.	Thous. dol.	Thous. dol.	Thous. dol.	1948	1954	1948	1954	
16.1	15.8	268,796	209,837	5,138	4,073	72,513	43,237	3,318	2,799	55
25.7	20.0		231,857		4,553		48,981		2,086	56
19.1	26.1	88,336	127,653	1,665	2,521	29,039	31,267	1,198	1,589	57
18.6	23.5	75,138	134,542	1,383	2,695	22,913	32,449	2,432	3,600	58
12.9	23.9	24,471	46,960	457	934	5,893	9,676	258	477	59
14.9	14.5	139,701	264,342	2,541	5,147	33,139	52,338	705	1,303	60
7.3	18.5	118,531	221,432	2,158	4,294	28,093	44,102	627	1,087	61
11.8	7.2	21,170	42,860	383	853	5,046	8,236	78	216	62
9.6	17.4	167,471	224,006	3,166	4,372	59,795	67,847	5,787	7,652	63
15.7	18.2	85,103	110,177	1,562	2,177	28,002	31,628	2,196	3,367	64
10.0	12.2	82,368	113,829	1,604	2,195	31,793	36,219	3,591	4,285	65
		432,670	594,516	8,135	11,602	136,947	157,841	8,506	11,367	66
17.4	17.8	48,534	87,335	924	1,700	15,679	22,201	1,342	1,651	67
18.0	19.6	51,771	83,180	1,026	1,474	22,417	25,280	878	1,153	68
4.3	8.0	45,555	30,824	834	608	11,155	6,626	238	268	69
9.3	10.8	57,603	82,819	1,069	1,664	20,326	23,096	989	1,390	70
15.6	17.7	60,683	76,224	1,148	1,469	15,955	18,183	1,973	2,033	71
8.7	9.0	30,741	56,221	580	1,117	8,795	13,350	551	1,403	72
19.9	24.1	16,521	28,605	297	543	5,245	7,766	415	664	73
10.1	9.7	121,262	149,308	2,255	3,028	37,375	41,339	2,120	2,796	74
7.6	7.7	1,903,870	2,605,047	36,932	51,695	499,522	515,876	669	110	75
7.6	9.3	345,313	480,493	6,859	9,387	102,067	106,460	45	20	76
5.7	6.7	126,209	95,322	2,374	1,840	25,694	16,191	146	9	77
15.2	15.7	14,762	22,890	269	443	3,537	4,466	31	10	78
7.5	6.8	61,196	54,442	1,166	1,123	13,471	10,351	16	7	79
12.0	9.5	191,501	299,984	3,705	5,990	50,317	56,863	13	7	80
4.0	2.8	155,446	196,436	3,040	3,889	38,753	34,781	59	6	81
10.4	14.8	389,775	560,183	7,430	11,292	94,759	108,279	123	7	82
6.4	8.1	185,148	204,228	3,452	3,990	48,093	37,447	18	3	83
8.2	7.2	434,520	685,069	8,636	13,742	122,831	141,038	218	48	84
9.0	10.0	345,177	539,643	6,826	10,628	112,264	132,554	22,633	22,206	85
2.5	3.1	349,653	530,707	6,752	10,091	101,522	131,308	14,626	17,287	86
2.0	2.1	45,188	72,106	830	1,321	10,955	14,440	2,216	2,516	87
3.1	4.2	24,797	39,381	458	734	7,368	8,753	682	772	88
4.4	4.8	7,265	11,735	137	236	1,620	2,212	213	302	89
3.0	3.4	19,256	31,175	371	584	4,803	6,122	915	992	90
3.1	3.3	43,938	40,567	778	879	7,305	7,339	647	484	91
5.9	6.8	9,363	14,434	184	276	2,218	2,698	542	700	92
4.1	4.2	3,902	8,247	75	158	877	1,456	175	272	93
1.2	1.5	57,948	77,429	1,333	1,652	35,411	46,714	3,115	3,363	94
4.7	4.1	8,167	14,991	160	286	1,823	2,633	360	523	95
6.1	6.1	13,934	32,007	271	624	3,229	5,513	876	1,309	96
7.3	7.2	12,982	17,581	238	342	2,980	3,366	757	869	97
4.9	4.7	7,874	17,727	161	331	1,900	3,473	385	645	98
6.4	6.9	38,674	64,606	734	1,197	8,546	11,355	1,893	2,348	99
3.3	3.4	8,574	13,576	159	249	1,841	2,302	380	471	100
2.6	3.5	47,791	66,145	862	1,223	10,646	12,932	1,470	1,712	101
6.1	8.1	286,879	327,963	6,327	6,671	151,357	123,997	7,599	6,340	102
7.1	8.0	31,304	52,205	690	1,091	17,017	18,266	1,575	1,493	103
23.3	20.8	121,301	124,752	2,676	2,368	64,747	53,838	1,219	1,299	104
2.9	5.3	100,688	140,680	1,906	3,004	43,027	48,400	4,044	3,327	105
9.3	10.5	6,646	9,796	130	196	2,763	3,242	192	305	106
14.0	25.1	12,612	530	432	12	11,455	261	127	6	107

<sup>1</sup> Less than \$500,000.<sup>2</sup> Includes fish and sea food wholesalers not shown separately because 1948 and 1954 figures are not comparable (resulting from changes in classification).

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1954, Wholesale Trade, Vol. IV.

## No. 1107.—GREEN COFFEE ROASTED, INVENTORIES, AND IMPORTS: 1950 TO 1957

[In thousands of standard bags of approximately 132 pounds. Beginning 1955, data on green coffee roastings and inventories based on sample]

ITEM AND PERIOD	1950	1951	1953	1954	1955	1956	1957
<b>Coffee roasted</b> <sup>1</sup>	18,416	19,051	(2)	17,601	18,813	20,263	20,321
1st quarter	4,369	5,216	(2)	5,629	4,708	5,639	5,333
2nd quarter	4,313	4,397	(2)	3,873	4,589	4,836	4,861
3rd quarter	5,178	4,287	(2)	3,367	4,516	4,754	4,579
4th quarter	4,556	5,151	(2)	4,732	5,000	5,034	5,498
<b>Inventories:</b>							
March 31	3,884	3,355	(2)	(2)	1,806	2,634	3,447
June 30	2,775	3,111	(2)	(2)	1,587	2,632	2,881
September 30	3,051	2,460	(2)	(2)	1,445	3,304	2,324
December 31	2,936	2,759	3,169	2,032	2,187	2,806	2,959
<b>Imports</b>	18,424	20,302	21,018	17,078	19,641	21,225	20,844
1st quarter	4,949	6,669	5,873	6,123	4,499	6,442	6,243
2nd quarter	3,149	4,230	4,659	4,256	4,474	4,796	4,205
3rd quarter	5,875	3,746	4,901	2,509	4,431	5,497	4,262
4th quarter	4,451	5,657	5,585	4,190	6,237	4,490	6,134

<sup>1</sup> Includes 2,052,000 bags used for soluble coffee in 1954, 2,323,000 in 1955, 3,234,000 in 1956, and 3,452,000 in 1957. For 1957, includes roastings for sale to military services, excluded for prior years. During 1957, these represented between 2 and 3 percent of total roastings. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; releases and records.

## No. 1108.—WHOLESALE DISTRIBUTORS' AND CANNERS' STOCKS OF SPECIFIED CANNED FOODS: 1955 TO 1958

[In thousands of actual cases. As of January 1. Includes warehouses of retail multiunit organizations. Based on sample]

COMMODITY	1955		1956		1957		1958	
	Distrib- utors	Canners	Distrib- utors	Canners	Distrib- utors	Canners	Distrib- utors	Canners
<b>Vegetables:</b>								
Asparagus	805	1,314	779	2,987	718	2,834	681	2,961
Beans, green and wax	3,415	16,042	3,231	15,973	2,744	15,700	2,656	18,483
Beans, lima	695	<sup>1</sup> 2,583	630	<sup>1</sup> 2,510	580	<sup>1</sup> 2,796	539	<sup>1</sup> 2,134
Beets	1,165	5,059	1,090	5,207	1,113	6,656	1,076	7,290
Carrots	422	1,786	417	1,407	419	1,892	404	1,938
Corn	4,702	26,086	4,560	20,501	3,957	26,670	3,845	27,160
Peas	3,805	13,891	3,620	14,876	3,349	16,293	3,668	22,104
Pumpkin and squash	468	<sup>1</sup> 688	610	<sup>1</sup> 851	564	<sup>1</sup> 1,879	472	<sup>1</sup> 1,438
Sauerkraut <sup>2</sup>	738	5,230	859	3,500	664	5,414	652	4,890
Spinach	639	(4)	658	(4)	589	(4)	562	(4)
Tomatoes	3,611	10,046	4,055	10,308	3,074	15,528	2,951	11,328
Tomato catsup and chili sauce	2,104	14,469	2,303	14,948	2,188	22,771	2,290	21,905
Tomato paste <sup>3</sup>	(4)	(4)	(4)	2,484	548	4,279	500	4,127
Tomato puree (pulp) <sup>4</sup>	750	645	675	896	505	1,850	496	1,874
Tomato sauce <sup>5</sup>	709	3,987	586	4,851	478	7,310	644	5,147
<b>Fruits:</b>								
Apples	443	<sup>6</sup> 2,614	479	2,761	536	2,578	488	<sup>6</sup> 3,012
Applesauce	1,348	8,319	1,227	8,734	1,294	9,785	1,284	9,748
Apricots	769	(4)	893	(4)	739	(4)	703	<sup>7</sup> 2,398
Cherries, red-pitted	579	1,438	593	2,266	578	1,464	452	1,680
Cherries, sweet	307	(4)	285	(4)	266	(4)	266	<sup>7</sup> 516
Fruit cocktail <sup>8</sup>	1,308	<sup>7</sup> 6,357	1,311	<sup>7</sup> 6,901	1,344	<sup>7</sup> 7,937	1,318	<sup>7</sup> 8,148
Grapefruit segments <sup>9</sup>	458	2,441	430	2,006	363	1,721	401	2,853
Peaches	3,956	(4)	3,843	(4)	3,618	(4)	3,343	<sup>7</sup> 14,956
Pears	1,111	(4)	1,142	(4)	1,073	(4)	1,130	<sup>7</sup> 6,643
Pineapple <sup>10</sup>	2,022	8,994	1,865	11,274	1,649	11,772	1,676	10,811
Plums <sup>11</sup>	450	1,350	390	1,307	351	1,821	344	940
<b>Juices:</b>								
Citrus blends <sup>12</sup>	433	885	377	694	353	903	440	978
Grapefruit <sup>13</sup>	910	1,562	773	805	680	977	861	1,508
Orange <sup>14</sup>	1,093	6,908	1,024	6,787	832	5,882	942	7,121
Pineapple <sup>15</sup>	977	8,864	1,051	8,366	1,131	8,838	968	8,849
Tomato <sup>16</sup>	2,721	18,733	2,571	14,463	2,266	25,674	2,375	22,491
<b>Fish:</b>								
Maine sardines <sup>17</sup>	(4)	1,239	326	475	347	879	230	1,111

<sup>1</sup> As of February 1. <sup>2</sup> As of December 1.

<sup>3</sup> Canners stocks of sauerkraut converted to cases by using a factor of 10 cases of 24/2½'s per barrel of 45 gallons.

<sup>4</sup> Not available. <sup>5</sup> Canners stocks cover California only.

<sup>6</sup> Standard cases (6/10's). <sup>7</sup> Standard cases (24/2½'s).

<sup>8</sup> Includes fruit for salad and mixed fruits (except citrus). <sup>9</sup> Canners stocks cover Florida only. <sup>10</sup> Canners stocks cover Hawaii and the Philippines.

<sup>11</sup> Canners stocks cover purple plums only. <sup>12</sup> Includes vegetable juice combinations containing at least 70 percent tomato juice. <sup>13</sup> Canners stocks are measured in 100-can cases.

Source: Data compiled by Department of Commerce, Bureau of the Census, from reports by various trade associations; published in *Canned Food Report*.

## No. 1109.—CONSUMERS' COOPERATIVES, BY TYPE OF ASSOCIATION: 1955 AND 1956

TYPE OF ASSOCIATION	1955			1956		
	Number of associations	Number of members	Volume of business (\$1,000)	Number of associations	Number of members	Volume of business (\$1,000)
Credit unions.....	16,050	8,153,832	<sup>1</sup> 1,935,851	17,251	9,050,827	2,326,168
Electric power cooperatives <sup>2</sup> .....	979	3,946,730	392,656	978	4,036,039	424,723
Rural telephone cooperatives <sup>3</sup> .....	189	303,662	(4)	203	338,924	(4)
Medical care prepayment plans with consumer voice.....	<sup>4</sup> 220	7,202,709	<sup>5</sup> 187,104	(4)	7,492,000	<sup>6</sup> 200,300
Consumer management.....	20	345,115	10,304	(4)	379,000	9,000
Union sponsored.....	56	1,667,169	57,507	(4)	2,215,000	73,400
Fraternal sponsored.....	19	202,422	2,643	(4)	235,000	2,100
Employer-employee sponsored.....	51	605,205	29,774	(4)	567,000	30,200
Employee sponsored.....	39	480,157	22,221	(4)	445,000	21,300
Community-wide.....	35	3,902,641	64,655	(4)	3,651,000	64,300
Housing <sup>7</sup> .....	308	33,485	316,395	355	36,269	345,900
Insurance companies in Cooperative League Conference <sup>8</sup> .....	12	10,000,000	<sup>9</sup> 350,000	10	11,000,000	<sup>9</sup> 350,000
Farmers' cooperatives' supply business, net or retail <sup>10</sup> .....	7,208	(4)	2,019,854	7,330	(4)	2,044,272
Producers' goods.....	4,500+	(4)	1,353,195	(4)	(4)	1,340,516
Petroleum products.....	2,681	(4)	465,668	2,739	(4)	493,605
Meats and groceries.....	921	(4)	46,374	973	(4)	46,757
Other supplies.....	4,311	(4)	154,617	4,479	(4)	163,394
Associations principally engaged in supply business.....	3,344	3,322,860	(4)	<sup>11</sup> 3,373	<sup>11</sup> 3,443,480	(4)

<sup>1</sup> Loans outstanding end of year, Bureau of Federal Credit Unions.

<sup>2</sup> Figures represent consumers served by, and revenue energized electric distribution cooperatives borrowing from REA.

<sup>3</sup> Figures represent cooperatives borrowing from REA, and both present (155,900) and future (183,024) subscribers of cooperatives as of December 31.

<sup>4</sup> Not available.

<sup>5</sup> Department of Health, Education, and Welfare, Social Security Administration, Division of Program Research. The total includes 15 plans for which enrollment and expenditure data are not available; 9 of these plans are union sponsored, 2 fraternal sponsored, and 4 employer-employee sponsored.

<sup>6</sup> Total expenditures for benefits.

<sup>7</sup> Projects insured under Section 213 by Federal Housing Administration and number of dwelling units and value of mortgages as of December 31.

<sup>8</sup> Cooperative League of the U. S. A., *Fact Book on Cooperatives*.

<sup>9</sup> Premium income.

<sup>10</sup> Farmer Cooperative Service, Department of Agriculture, *Statistics of Farmer Cooperatives*. Data for 1956 are preliminary.

<sup>11</sup> Preliminary.

Source: Compiled by Department of Labor, Bureau of Labor Statistics (from sources indicated above).

## No. 1110.—SELECTED SERVICES—SUMMARY, BY KIND OF BUSINESS: 1954

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	WORKWEEK ENDED NEAREST NOV. 15		Proprietors (unincorporated businesses only)
	Total	With payroll	All establishments	Establishments with payroll		Payroll	Employees	
Total	785,589	375,149	23,508	21,263	6,533,715	125,901	2,361,821	781,649
Personal services	348,843	163,007	5,773	4,935	1,960,442	38,230	820,281	353,764
Barber, beauty shops	169,684	69,726	1,206	873	376,311	7,708	155,979	170,180
Barber shops	91,122	34,204	552	352	156,977	3,290	59,445	91,777
Beauty shops	76,644	34,032	626	496	207,693	4,236	91,640	76,319
Barber and beauty shops combined	2,018	1,490	28	25	11,641	241	4,894	2,084
Funeral service, crematories	18,387	12,523	744	654	126,904	2,411	41,154	19,065
Photographic studios (incl. commercial photography)	17,293	7,321	334	274	81,420	1,693	28,267	17,354
Shoe repair shops, shoeshine parlors, hat cleaning shops	29,385	7,651	202	109	31,601	620	15,230	29,617
Shoe repair shops	26,843	6,659	186	99	28,323	553	12,817	26,983
Shoeshine parlors	1,595	455	6	3	1,126	23	1,077	1,627
Hat cleaning shops	947	537	9	7	2,147	44	1,336	1,007
Cleaning, pressing, dyeing, garment repair	76,251	44,573	1,576	1,405	590,473	11,572	258,193	79,815
Pressing, alteration, garment repair (except fur)	45,612	17,160	410	262	66,784	1,287	32,931	47,144
Fur repair storage	1,439	999	27	25	5,887	137	2,519	1,357
Cleaning, dyeing plants	29,200	26,414	1,138	1,118	517,802	10,148	222,743	31,314
Laundries, laundry services	30,269	18,699	1,605	1,535	726,763	13,699	311,117	30,179
Power laundries, self-service laundries	19,861	13,311	1,009	966	511,969	9,694	235,511	19,845
Industrial laundries	584	560	157	157	63,165	1,213	21,257	414
Linen supply	1,371	1,279	326	325	123,420	2,262	41,819	652
Diaper service	381	339	30	30	14,437	273	4,752	309
Laundries (except power)	8,072	3,210	77	51	13,772	257	7,778	8,959
Miscellaneous personal services	7,574	2,514	107	85	26,970	527	10,341	7,554
Business services 1	88,661	40,061	6,317	6,014	1,483,399	28,929	404,755	82,572
Advertising	8,239	5,287	3,498	3,463	402,143	7,489	73,206	6,744
Advertising agencies	5,063	3,267	3,191	3,166	307,802	5,689	45,607	4,214
Outdoor advertising services	1,307	1,007	172	170	53,390	1,003	11,795	981
Miscellaneous advertising	1,869	1,013	135	128	40,951	798	15,804	1,549
Consumer, mercantile credit; adjustment, collection agencies	5,220	3,782	227	220	112,541	2,278	39,162	3,671
Private employment agencies	3,153	1,993	63	57	24,157	497	10,028	2,997
News syndicates	487	159	92	91	20,093	380	3,415	409
Duplicating, addressing, mailing, stenographic services	6,920	2,666	173	153	62,870	1,264	27,455	6,894
Blueprinting, photocopying services	1,019	897	95	95	31,349	594	8,998	782
Services to dwellings, other buildings	11,719	5,577	281	253	137,016	2,776	50,783	11,612
Disinfecting, exterminating services	3,270	1,962	101	93	39,481	780	10,933	2,844
Window cleaning	4,231	2,063	90	81	47,164	972	17,774	4,531
Misc. services to dwellings, other buildings	4,218	1,552	90	79	50,971	1,024	22,076	4,237
Business services, n. e. c. 1	51,924	19,700	1,888	1,683	692,630	13,649	191,708	49,463
Auctioneers' establishments (service only)	1,639	273	23	14	3,416	64	1,425	1,768
Coin-operated machine rental, repair services	482	92	8	5	1,677	31	403	553
Detective agencies	1,123	791	60	58	41,248	849	17,262	885
Interior decorating service	2,944	526	43	21	4,972	105	1,696	3,146
Photofinishing laboratories	1,719	1,261	169	166	51,766	963	15,718	1,591
Sign-painting shops	5,703	1,869	69	50	17,537	352	4,881	5,923
Telephone answering service	1,171	883	27	26	12,968	273	6,297	996
Window-display service	1,101	297	18	13	3,963	79	1,244	1,120
Other business services, n. e. c. 2	36,042	13,708	1,470	1,328	555,083	10,934	142,782	33,481
Automobile repair services, garages	94,342	48,176	2,223	1,895	487,655	9,486	157,437	98,843
Automobile repair	79,709	38,039	1,589	1,291	336,387	6,592	102,222	87,763
General automobile repair shops	53,738	23,086	963	745	179,354	3,495	56,976	59,120
Battery, ignition repair and service	1,591	1,019	40	35	8,064	158	2,642	1,708
Glass replacement, repair	1,026	754	37	34	7,717	149	2,214	1,112
Paint shops	1,905	1,291	43	39	13,375	257	4,033	2,122
Radiator repair shops	2,749	1,269	45	35	9,399	195	2,968	3,018
Tire repair shops	2,444	1,418	80	71	13,001	264	4,372	2,627
Top and body repair	11,715	6,701	264	228	73,394	1,406	20,476	13,305
Automobile repair, n. e. c. 2	4,481	2,501	118	102	32,083	608	8,641	4,751
Automobile storage, parking	8,572	6,592	292	280	84,910	1,642	30,176	6,768
Parking structures, storage garages	2,317	2,119	149	148	47,147	898	15,212	1,456
Parking lots	6,265	4,473	143	132	37,763	744	14,064	4,312

See footnotes at end of table.

No. 1110.—SELECTED SERVICES—SUMMARY, BY KIND OF BUSINESS: 1954—Continued

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	WORKWEEK ENDED NEAREST NOV. 15		Proprietors (unincorporated businesses only)
	Total	With payroll	All establishments	Establishments with payroll		Payroll	Employees	
<b>Automobile repair services, garages—Continued</b>			<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Thous. dol.</i>	<i>Thous. dol.</i>		
Automobile, truck rentals (without drivers)	2, 872	1, 658	278	267	40, 930	781	10, 251	2, 037
Automobile services (except repair)	3, 159	1, 857	64	57	25, 428	531	14, 788	3, 275
Automobile laundries	1, 657	1, 157	44	41	19, 949	427	12, 722	1, 675
Automobile services, n. e. c. <sup>1</sup>	1, 532	700	20	16	5, 479	104	2, 066	1, 600
<b>Misc. repair services</b>	113, 429	33, 125	1, 796	1, 357	455, 056	9, 004	125, 685	119, 360
Watch, clock, jewelry repair	11, 246	2, 018	86	43	12, 325	239	4, 034	11, 418
Upholstery, furniture repair	13, 305	5, 133	183	136	39, 025	808	13, 551	14, 204
Electrical repair shops	32, 164	8, 478	472	326	94, 135	1, 891	27, 507	34, 610
Radio, television repair shops	22, 824	5, 874	308	208	60, 739	1, 249	18, 281	24, 820
Refrigerator service, repair shops	5, 037	1, 393	84	58	16, 076	302	4, 095	5, 269
Other electrical repair shops, n. e. c. <sup>2</sup>	4, 303	1, 211	80	60	17, 320	341	5, 131	4, 521
Blacksmith shops	5, 824	1, 202	39	20	5, 115	90	1, 845	6, 077
Miscellaneous repair shops	50, 890	16, 294	1, 015	832	304, 456	5, 967	78, 748	52, 961
<b>Amusement, recreation services<sup>3</sup></b>	73, 352	52, 222	4, 372	4, 218	1, 251, 635	23, 596	433, 311	59, 550
Motion picture theaters	18, 491	17, 371	1, 407	1, 396	289, 664	5, 326	157, 314	8, 834
Motion picture theaters (except drive-in)	14, 716	13, 760	1, 179	1, 170	247, 476	4, 669	137, 311	6, 896
Motion picture production, distribution, services	3, 775	3, 611	228	226	42, 188	656	20, 003	1, 938
Motion picture production	2, 352	1, 906	945	940	367, 502	7, 107	51, 099	1, 083
Motion picture distribution	775	623	137	135	230, 265	4, 453	24, 656	359
Services allied to motion picture production	1, 156	1, 036	674	673	85, 909	1, 590	17, 768	413
Billiard and pool parlors, bowling alleys	421	247	134	132	51, 328	1, 064	8, 675	311
Billiard, pool parlors	12, 701	8, 251	272	243	77, 686	1, 778	71, 229	13, 521
Bowling alleys	7, 639	3, 539	75	49	11, 328	208	6, 590	8, 520
Race track operation (including racing stables)	5, 062	4, 692	197	194	60, 358	1, 570	64, 639	5, 001
Automobile	1, 845	803	301	292	62, 880	979	11, 458	1, 681
Dog	454	292	16	15	2, 202	18	785	274
Horse (including racing stables)	145	83	30	29	7, 447	61	836	118
Sports promoters, commercial operators	1, 246	428	255	248	53, 231	900	9, 837	1, 289
Baseball, football, athletic fields, sports promoters	7, 799	4, 215	224	202	68, 749	1, 090	17, 500	7, 349
Bathing beaches	672	500	103	102	41, 186	656	6, 464	376
Golf courses	360	322	10	9	2, 727	25	544	269
Riding academies	1, 014	820	32	31	8, 893	144	2, 722	820
Skating rinks	689	319	8	6	1, 583	30	721	663
Swimming pools	1, 799	1, 017	32	27	7, 186	150	5, 009	1, 921
Commercial sports operators, n. e. c. <sup>2</sup>	652	486	10	9	2, 415	23	671	568
Theatrical presentations and services	2, 613	745	28	18	4, 759	62	1, 429	2, 732
Bands, orchestras, entertainers	2, 179	1, 461	207	200	80, 434	1, 806	14, 771	1, 672
Dance halls, studios, schools (exc. children's, professional)	7, 097	5, 893	87	78	39, 625	834	21, 015	6, 516
Membership golf, country clubs	2, 265	1, 735	73	69	26, 274	529	14, 616	2, 316
Amusement, recreation services, n. e. c. <sup>2</sup>	2, 996	2, 884	302	301	114, 245	2, 070	40, 217	418
Amusement parks, devices, shooting galleries	15, 627	7, 723	555	495	124, 576	2, 077	34, 032	16, 160
Carnivals, circuses	2, 488	1, 510	82	76	24, 189	243	5, 561	2, 248
Coin-operated amusement device establishments	1, 090	726	53	50	13, 999	238	4, 934	916
Other amusement, recreation services, n. e. c. <sup>2</sup>	6, 045	3, 301	239	212	35, 827	668	9, 870	6, 602
<b>Hotels, motels, tourist courts, camps</b>	6, 004	2, 186	181	158	50, 561	928	13, 667	6, 397
Hotels	66, 962	38, 558	3, 027	2, 846	895, 528	16, 657	420, 352	67, 560
Year-round	24, 778	19, 368	2, 405	2, 363	802, 965	15, 238	377, 230	21, 806
25 or more guest rooms	( <sup>4</sup> ) 15, 950	( <sup>4</sup> ) 11, 367	( <sup>4</sup> ) 2, 158	( <sup>4</sup> ) 2, 075	747, 187	14, 760	369, 007	( <sup>4</sup> )
Less than 25 guest rooms	( <sup>4</sup> ) 11, 367	( <sup>4</sup> ) 4, 583	( <sup>4</sup> ) 83	( <sup>4</sup> ) 83	728, 715	14, 426	354, 533	( <sup>4</sup> )
Seasonal	( <sup>4</sup> ) 4, 583	( <sup>4</sup> ) 3, 418	( <sup>4</sup> ) 204	( <sup>4</sup> ) 204	18, 472	334	11, 444	( <sup>4</sup> )
Motels, tourist courts, camps	( <sup>4</sup> ) 3, 418	( <sup>4</sup> ) 1, 017	( <sup>4</sup> ) 204	( <sup>4</sup> ) 204	55, 778	478	11, 223	( <sup>4</sup> )
Motels, tourist courts, trailer parks	42, 184	19, 190	622	483	92, 563	1, 419	43, 122	45, 754
Motels, tourist courts	33, 792	16, 294	505	394	69, 027	1, 235	38, 092	36, 997
Trailer parks	29, 432	15, 070	457	365	64, 250	1, 147	38, 015	32, 217
Sporting, recreational camps	4, 360	1, 224	48	29	4, 777	89	2, 077	4, 780
	8, 392	2, 896	117	89	23, 536	184	5, 030	8, 757

<sup>1</sup> Excludes accounting, auditing, and bookkeeping. <sup>2</sup> "N. e. c." means not elsewhere classified.

<sup>3</sup> Includes motion pictures. <sup>4</sup> Comprises receipts from film rentals received directly from exhibitors, receipts from outright sales of films, and miscellaneous receipts other than from film rentals.

<sup>5</sup> Includes receipts from export operations. <sup>6</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1954, Selected Services, Vol. VI.

STATE OR TERRITORY	Estab- lish- ments	Receipts	Payroll, entire year	Paid em- ployees, workweek ended nearest Nov. 15	Proprie- tors (un- incor- porated busi- nesses only)	KIND-OF-BUSINESS GROUP	
						Personal services	
						Estab- lish- ments	Receipts
Cont. U. S.	785,589	\$1,000 23,508,019	\$1,000 6,533,715	2,361,821	781,649	348,843	\$1,000 5,772,869
New England	51,075	1,185,641	336,875	130,667	47,513	24,832	359,263
Maine	5,316	87,802	22,405	9,743	4,819	1,942	21,500
New Hampshire	4,058	68,316	17,290	6,268	3,900	1,512	16,383
Vermont	2,016	34,616	8,295	3,720	1,874	651	7,579
Massachusetts	24,602	637,403	184,151	70,471	22,627	13,108	195,199
Rhode Island	4,578	98,881	26,380	11,398	4,447	2,459	32,300
Connecticut	10,505	258,623	78,354	29,067	9,846	5,160	86,242
Middle Atlantic	171,473	7,041,211	1,842,839	586,158	166,428	86,261	1,420,334
New York	92,235	4,958,286	1,248,910	370,379	88,076	46,208	806,712
New Jersey	27,388	806,199	252,961	81,684	26,404	13,466	237,045
Pennsylvania	51,850	1,276,726	340,968	134,095	51,948	26,587	376,627
East North Central	151,863	4,927,254	1,336,145	472,504	151,435	69,550	1,273,454
Ohio	41,570	1,143,930	326,135	119,930	40,743	19,229	328,418
Indiana	16,679	393,310	115,975	48,613	16,575	7,826	135,521
Illinois	46,769	1,997,039	528,576	170,187	46,948	22,924	439,032
Michigan	29,699	1,015,601	267,397	92,783	30,422	13,072	262,605
Wisconsin	17,146	377,374	98,062	40,991	16,747	6,499	107,878
West North Central	76,458	1,627,904	404,580	174,670	77,148	39,841	437,537
Minnesota	15,627	375,110	94,004	37,246	15,030	5,688	89,586
Iowa	14,079	231,821	53,215	25,415	14,268	5,855	73,199
Missouri	21,811	589,858	157,680	62,772	21,875	9,595	153,447
North Dakota	2,808	43,257	9,203	4,876	2,348	1,038	12,381
South Dakota	3,333	49,149	9,801	5,082	3,371	1,159	13,188
Nebraska	7,664	154,805	36,256	17,220	7,804	2,980	38,617
Kansas	11,136	183,904	44,421	22,059	11,352	4,526	57,119
South Atlantic	91,589	2,403,265	683,777	301,955	89,830	39,788	694,101
Delaware	1,851	47,194	12,832	4,884	1,763	915	12,718
Maryland	10,597	293,743	87,801	35,875	10,264	5,042	90,051
District of Columbia	4,819	237,354	79,426	28,304	4,446	2,498	60,808
Virginia	11,872	287,783	90,057	42,189	11,433	5,425	100,184
West Virginia	6,381	132,367	40,664	18,013	6,100	3,092	42,606
North Carolina	14,244	306,542	83,051	42,354	14,157	6,546	111,077
South Carolina	6,432	123,440	34,596	19,444	6,187	2,967	47,620
Georgia	12,109	318,561	85,777	42,678	11,819	5,627	96,311
Florida	23,284	656,281	169,573	68,214	23,661	7,676	132,726
East South Central	34,391	780,845	222,809	111,960	34,708	15,800	263,262
Kentucky	9,181	211,998	57,253	27,728	9,413	4,170	73,713
Tennessee	11,068	286,217	86,034	40,263	11,252	4,848	80,537
Alabama	8,882	180,974	52,627	27,020	8,816	4,299	62,558
Mississippi	5,260	101,656	26,895	16,049	5,227	2,483	37,454
West South Central	73,889	1,627,269	435,367	200,570	74,225	31,154	457,266
Arkansas	7,115	113,104	28,877	15,980	7,277	2,960	37,096
Louisiana	10,009	276,250	72,518	33,137	9,823	4,527	67,278
Oklahoma	12,774	233,741	61,528	27,697	12,972	5,442	66,293
Texas	43,991	1,004,174	272,444	123,756	44,153	18,225	286,599
Mountain	32,843	866,611	237,387	88,991	34,049	10,899	178,015
Montana	3,564	64,913	14,946	6,732	3,677	1,192	16,557
Idaho	2,959	60,208	14,248	6,175	3,064	976	15,481
Wyoming	2,267	46,843	11,178	4,367	2,407	641	10,183
Colorado	8,977	226,268	60,472	23,189	9,333	3,062	51,518
New Mexico	4,169	91,425	25,566	10,304	4,334	1,431	21,442
Arizona	5,606	120,506	31,124	13,512	5,793	1,782	30,206
Utah	3,423	84,308	20,554	8,721	3,387	1,319	20,458
Nevada	1,878	172,140	59,299	15,991	2,054	496	12,170
Pacific	102,008	3,048,019	1,033,936	294,346	106,313	39,718	689,587
Washington	14,138	328,411	90,706	32,771	14,506	5,342	87,348
Oregon	10,008	217,533	56,051	20,459	10,651	3,412	53,884
California	77,862	2,502,075	887,179	241,116	81,156	30,964	548,355
Alaska	694	20,234	5,541	1,576	785	225	6,060
Hawaii	2,595	64,726	19,808	8,735	2,449	1,284	15,110

<sup>1</sup> Excludes accounting, auditing, and bookkeeping.

<sup>2</sup> Includes motion pictures.



## SUMMARY, BY STATES AND TERRITORIES: 1954

KIND-OF-BUSINESS GROUP—Continued										STATE OR TERRITORY
Business services <sup>1</sup>		Automobile re- pair services, garages		Miscellaneous repair services		Amusement, recreation services <sup>2</sup>		Hotels, motels, tourist courts, camps		
Estab- lish- ments	Receipts	Estab- lish- ments	Receipts	Estab- lish- ments	Receipts	Estab- lish- ments	Receipts	Estab- lish- ments	Receipts	
88,661	\$1,000 6,317,324	94,342	\$1,000 2,222,672	113,429	\$1,000 1,795,758	73,352	\$1,000 4,372,497	66,962	\$1,000 3,026,899	
Cont. U. S.										
5,559	217,150	5,168	125,690	6,764	91,252	4,232	214,160	4,520	178,126	N. E.
314	4,846	631	11,364	577	5,918	553	14,709	1,299	29,405	Maine.
337	4,205	381	7,802	403	3,487	342	11,987	1,083	24,452	N. H.
160	2,142	243	4,456	239	2,119	225	5,747	498	12,573	Vt.
2,976	140,187	2,311	58,601	3,292	49,232	1,848	116,336	1,067	77,848	Mass.
433	17,293	481	10,600	733	9,103	332	21,360	140	8,225	R. I.
1,339	48,477	1,121	32,867	1,520	21,393	932	44,021	433	25,623	Conn.
23,149	2,788,316	17,399	477,485	23,213	399,976	13,227	1,221,980	8,224	733,070	M. A.
15,148	2,320,112	7,053	235,319	12,002	216,531	6,890	888,015	4,334	462,597	N. Y.
3,304	191,016	3,098	79,225	4,063	76,587	2,057	130,592	1,400	91,734	N. J.
4,697	277,188	6,648	162,941	7,148	106,858	4,280	203,373	2,490	148,739	Pa.
16,582	1,530,085	17,393	446,219	22,704	343,976	15,593	812,062	10,131	521,458	E. N. C.
4,355	269,666	5,170	119,742	6,439	92,135	4,452	213,971	1,925	119,998	Ohio.
1,363	55,807	2,195	46,429	2,513	32,803	1,787	78,178	995	44,572	Ind.
6,337	805,231	4,723	145,580	6,687	117,433	4,039	284,238	2,059	205,525	Ill.
2,843	326,286	3,517	99,248	4,228	68,810	3,294	165,003	2,745	93,649	Mich.
1,684	73,095	1,788	35,220	2,837	32,795	1,931	70,672	2,407	57,714	Wis.
6,918	333,021	10,377	189,619	12,295	138,153	8,259	298,638	7,768	230,936	W. N. C.
1,462	93,375	1,761	38,905	2,483	28,249	1,636	65,777	2,597	59,618	Minn.
1,182	30,686	2,018	29,862	2,571	24,156	1,539	43,729	914	30,189	Iowa.
2,366	155,493	2,926	64,403	3,112	42,444	2,074	98,724	1,738	75,347	Mo.
198	3,105	359	4,997	490	4,152	355	8,049	368	10,573	N. Dak.
223	4,102	491	7,014	467	3,970	463	11,148	530	9,727	S. Dak.
707	29,404	1,095	18,325	1,339	14,691	886	31,678	657	22,090	Nebr.
780	16,856	1,727	26,513	1,833	20,491	1,306	39,533	964	23,392	Kans.
8,876	323,795	11,254	257,314	12,311	204,308	9,599	480,158	9,761	443,589	S. A.
186	8,272	189	4,005	241	3,746	215	12,422	105	6,031	Del.
1,179	52,604	1,201	30,813	1,556	24,845	1,084	69,709	535	25,721	Md.
1,008	51,375	406	19,463	472	12,940	333	39,989	102	52,779	D. C.
1,007	37,657	1,437	31,881	1,632	22,191	1,305	47,461	1,066	48,409	Va.
576	15,949	725	12,512	783	13,091	838	30,416	367	17,793	W. Va.
1,024	32,492	2,096	37,893	2,119	30,606	1,447	59,775	1,012	34,639	N. C.
403	9,667	1,036	17,717	817	11,278	693	21,400	516	15,758	S. C.
980	48,594	1,762	37,319	1,636	27,967	1,223	66,258	881	42,112	Ga.
2,513	68,185	2,402	65,711	3,055	57,584	2,461	132,728	5,177	200,347	Fla.
2,891	114,360	4,430	90,329	4,786	68,490	3,883	142,386	2,601	102,018	E. S. C.
851	22,219	1,143	24,218	1,223	16,656	1,098	46,216	696	23,976	Ky.
1,019	58,610	1,463	31,766	1,587	23,210	1,213	48,156	938	34,938	Tenn.
690	25,707	1,226	24,334	1,228	17,439	904	30,222	535	20,714	Ala.
331	7,824	598	10,011	748	11,185	668	17,792	432	17,390	Miss.
6,873	249,836	10,450	204,181	12,242	203,904	6,926	300,554	6,244	211,528	W. S. C.
595	8,651	951	13,686	983	12,295	790	22,366	836	19,010	Ark.
838	48,672	1,234	26,822	1,691	31,716	1,138	67,236	581	34,526	La.
1,037	30,270	1,901	35,002	2,093	33,832	1,263	41,501	1,038	26,843	Okla.
4,403	162,243	6,364	128,671	7,475	126,061	3,735	169,451	3,789	131,149	Tex.
3,256	89,953	4,027	83,658	4,451	60,296	3,155	232,138	7,055	222,551	Mt.
257	4,508	409	7,424	486	4,579	320	11,803	900	20,042	Mont.
251	6,208	384	6,772	490	6,694	316	11,053	542	14,000	Idaho.
218	2,972	222	3,906	334	4,847	231	7,110	621	17,825	Wyo.
1,044	31,882	1,104	24,856	1,184	16,046	828	56,936	1,755	45,030	Colo.
350	15,966	530	10,754	570	8,088	374	16,089	914	19,096	N. Mex.
579	12,459	746	14,805	762	11,641	474	19,944	1,263	31,451	Ariz.
343	11,539	460	9,490	506	6,494	352	22,173	443	14,154	Utah.
214	4,429	172	5,651	119	1,907	260	87,030	617	60,953	Nev.
14,557	670,808	13,844	348,177	14,663	285,403	8,568	670,421	10,658	383,623	Pac.
1,522	53,280	1,967	42,171	2,294	31,419	1,279	60,224	1,734	53,969	Wash.
1,167	37,151	1,349	31,649	1,600	21,988	956	40,104	1,524	32,757	Oreg.
11,868	580,377	10,528	274,357	10,769	231,996	6,333	570,093	7,400	296,897	Calif.
88	1,652	53	1,318	87	1,985	92	3,893	149	5,326	Alaska.
250	7,416	266	7,574	281	3,096	392	15,909	92	15,621	Hawaii.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1954, Selected Services, Series PS-1-1.

# NO. 1112.—SELECTED SERVICES—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1954

ITEM	Estab- lish- ments	Receipts	Payroll, entire year	PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15		Propri- etors (unin- corporated busi- nesses only)
				Total	Full work- week	Total	Full work- week	
		<i>Mil. dol.</i>	<i>Thous. dol.</i>	<i>Thous. dol.</i>	<i>Thous. dol.</i>			
<b>All establishments</b> .....	785,589	23,508	6,533,715	125,901	118,282	2,361,821	2,024,726	781,650
<b>RECEIPTS SIZE <sup>1</sup></b>								
Operated entire year .....	748,266	22,679	6,318,894	121,001	113,778	2,260,878	1,940,787	713,624
With annual receipts of—								
Less than \$2,000 .....	45,194	45	57,483	1,036	882	7,002	5,176	44,863
\$2,000 .....	82,123	164	4,243	110	84	4,785	3,062	82,356
\$3,000 to \$4,000 .....	135,293	467	22,733	504	407	18,278	12,631	134,396
\$5,000 to \$9,000 .....	177,600	1,167	133,586	2,793	2,416	83,102	63,184	175,054
\$10,000 to \$14,000 .....	82,023	964	204,154	4,044	3,612	97,325	76,888	80,742
\$15,000 to \$19,000 .....	49,063	825	183,805	3,621	3,283	88,263	71,011	48,545
\$20,000 to \$29,000 .....	56,316	1,346	339,308	6,638	6,092	153,633	126,628	55,211
\$30,000 to \$49,000 .....	49,525	1,877	533,530	10,320	9,630	223,504	188,237	46,237
\$50,000 to \$99,000 .....	38,590	2,654	845,313	16,145	15,163	333,157	283,673	30,689
\$100,000 to \$299,000 .....	24,203	3,907	1,360,288	25,580	24,226	491,817	427,958	13,170
\$300,000 to \$499,000 .....	4,047	1,540	549,605	10,386	9,905	186,300	165,854	1,338
\$500,000 and over .....	4,383	7,725	2,084,546	39,824	38,078	574,212	516,435	1,043
Not operated entire year .....	37,323	829	214,821	4,900	4,504	100,943	83,939	68,026
<b>EMPLOYMENT SIZE</b>								
Operated entire year .....	748,266	22,679	6,318,894	121,001	113,778	2,260,878	1,940,787	713,624
With Nov. 15 employment of—								
No paid employee .....	444,303	2,804	129,791					461,796
1 paid employee .....	89,104	1,233	231,161	4,149	3,898	89,104	78,659	81,350
2 paid employees .....	60,067	1,219	285,493	5,634	5,190	120,134	99,721	54,132
3 paid employees .....	36,697	1,003	263,202	5,286	4,897	110,091	91,492	33,078
4 or 5 paid employees .....	40,003	1,550	439,404	8,714	8,152	176,463	149,512	34,373
6 or 7 paid employees .....	21,600	1,167	356,289	7,038	6,625	138,924	119,368	17,357
8 or 9 paid employees .....	11,753	840	263,135	5,103	4,800	99,177	85,043	8,270
10 to 14 paid employees .....	16,722	1,608	504,556	9,717	9,133	195,267	165,577	10,445
15 to 19 paid employees .....	8,458	1,148	363,957	7,030	6,587	141,317	117,051	4,648
20 to 49 paid employees .....	13,661	3,346	1,078,644	20,849	19,619	402,119	341,831	6,391
50 to 99 paid employees .....	3,661	1,957	675,050	13,234	12,512	246,666	215,882	1,326
100 or more paid employees .....	2,237	4,805	1,728,212	34,248	32,364	541,616	476,051	458
Not operated entire year .....	37,323	829	214,821	4,900	4,504	100,943	83,939	68,026
<b>SINGLE UNITS AND MULTIUNITS</b>								
Single units .....	750,556	17,812	4,916,117	95,238	89,307	1,853,646	1,586,746	768,484
2-establishment multiunits .....	12,680	1,194	341,348	6,581	6,262	114,696	100,137	8,721
3-establishment multiunits .....	4,497	631	156,981	2,903	2,788	48,778	42,566	2,374
4- or 5-establishment multiunits .....	3,043	523	126,731	2,357	2,227	42,240	37,565	1,085
6- to 10-establishment multiunits .....	2,778	770	183,707	3,438	3,321	50,400	45,747	629
11-establishment or more multiunits .....	12,035	2,578	808,831	15,384	14,378	252,061	211,945	357
<b>LEGAL FORM OF ORGANIZATION</b>								
Individual proprietorships .....	629,913	7,476	1,601,034	31,937	29,371	713,555	590,069	612,907
Partnerships .....	87,670	3,439	855,972	16,728	15,656	357,459	304,631	168,743
Corporations .....	66,214	12,450	4,024,537	76,242	72,315	1,272,570	1,114,457	-----
Cooperatives .....	1,090	95	33,500	636	606	10,979	9,291	-----
Other legal forms .....	702	47	18,672	358	335	7,258	6,248	-----

<sup>1</sup> Establishments classified by receipts-size group after reported receipts figures had been rounded to nearest \$1,000.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1954, Selected Services*, Vol. V.

NO. 1113.—MOTION PICTURE THEATERS—ESTABLISHMENTS, RECEIPTS, PAYROLL, AND EMPLOYEES OF REGULAR THEATERS, AND NUMBER AND RECEIPTS OF DRIVE-IN THEATERS, BY STATES: 1948 AND 1954

STATE	MOTION PICTURE THEATERS (EXCEPT DRIVE-IN) <sup>1</sup>								DRIVE-IN THEATERS			
	Establishments		Receipts <sup>2</sup> (\$1,000)		Payroll, entire year (\$1,000)		Paid employees, work-week ended nearest Nov. 15		Establishments		Receipts <sup>3</sup> (\$1,000)	
	1948	1954	1948	1954	1948	1954	1948	1954	1948	1954	1948	1954
U. S. ....	17,689	14,716	1,566,890	1,179,371	294,672	247,476	181,322	137,311	820	3,775	46,838	227,780
New England.....	878	768	105,896	67,802	19,181	14,475	11,907	8,569	33	172	(?)	12,596
Maine.....	132	137	8,916	7,255	1,441	1,766	1,085	1,057	2	36	(?)	1,310
New Hampshire.....	77	72	5,344	3,524	854	753	670	512	2	20	(?)	736
Vermont.....	58	55	3,134	2,367	454	420	416	315	1	22	(?)	902
Massachusetts.....	372	297	55,838	33,538	10,438	7,115	6,306	4,060	21	53	1,112	6,091
Rhode Island.....	62	39	9,745	5,227	1,794	1,050	1,033	545	1	9	(?)	860
Connecticut.....	177	168	22,921	15,891	4,200	3,371	2,397	2,077	6	27	516	2,697
Middle Atlantic.....	2,768	2,098	412,634	276,121	85,036	62,245	44,199	29,217	99	322	4,934	20,278
New York.....	1,241	1,033	237,108	169,979	53,078	39,633	24,573	17,018	33	126	(?)	6,823
New Jersey.....	393	289	60,915	37,857	11,027	8,063	5,920	3,863	7	31	849	4,109
Pennsylvania.....	1,134	776	114,611	68,285	20,931	14,549	13,706	8,336	59	165	(?)	9,341
E. N. Central.....	3,176	2,523	317,608	219,957	59,313	48,786	34,726	24,985	172	528	11,838	38,519
Ohio.....	795	599	76,878	46,474	14,033	11,109	9,159	6,170	88	164	4,865	10,792
Indiana.....	442	358	37,027	25,489	6,692	6,030	4,503	3,277	28	111	(?)	8,165
Illinois.....	903	679	108,988	77,075	21,574	17,145	10,694	7,522	25	100	(?)	9,345
Michigan.....	628	514	64,178	38,145	11,528	9,582	6,586	5,045	28	87	1,909	7,054
Wisconsin.....	408	373	30,537	22,774	5,516	4,904	3,774	2,973	3	60	347	3,163
W. N. Central.....	2,411	2,064	121,844	101,962	21,089	19,952	16,591	13,807	49	425	2,650	18,980
Minnesota.....	442	398	25,178	21,282	4,547	4,416	3,434	2,967	7	46	(?)	1,735
Iowa.....	471	382	23,045	15,439	3,571	2,993	3,296	2,273	7	68	356	2,803
Missouri.....	546	433	35,177	28,312	7,415	6,392	4,568	3,841	16	124	1,033	6,129
North Dakota.....	156	157	4,693	5,192	551	749	621	673	16	16	---	420
South Dakota.....	168	142	4,937	5,134	699	718	728	603	5	23	(?)	777
Nebraska.....	282	245	12,186	10,343	1,805	1,746	1,771	1,461	3	41	(?)	1,554
Kansas.....	346	307	16,623	16,260	2,501	2,938	2,173	1,989	11	107	739	5,562
South Atlantic.....	2,345	2,019	170,749	144,874	31,921	30,020	21,409	17,445	186	827	6,695	38,827
Delaware.....	37	30	3,628	2,296	633	521	430	296	9	---	---	309
Maryland.....	236	194	21,652	16,753	4,155	4,205	2,726	2,187	5	33	308	1,959
Dist. of Col.....	66	60	14,897	11,209	3,525	2,564	1,564	1,100	---	---	---	---
Virginia.....	351	304	26,158	20,126	4,905	4,344	3,276	2,630	26	118	(?)	4,641
West Virginia.....	303	227	15,838	9,204	2,672	2,071	1,948	1,396	18	76	(?)	2,754
North Carolina.....	450	373	25,383	23,157	4,752	4,605	3,583	2,902	66	206	1,607	7,649
South Carolina.....	202	190	10,891	9,816	1,822	1,934	1,891	1,218	36	99	(?)	3,279
Georgia.....	360	338	21,767	22,015	4,014	4,320	3,050	2,629	13	128	771	6,654
Florida.....	340	303	30,730	30,295	5,443	5,466	3,441	3,087	22	158	(?)	11,582
E. S. Central.....	1,240	1,035	68,463	56,057	11,786	11,419	9,352	7,583	49	370	(?)	18,908
Kentucky.....	297	248	18,779	14,263	3,085	2,954	2,326	1,958	16	105	910	5,455
Tennessee.....	323	293	21,617	17,433	3,801	3,766	2,762	2,323	15	107	666	5,613
Alabama.....	320	240	17,876	14,714	3,104	2,931	2,674	1,995	13	93	(?)	5,173
Mississippi.....	300	251	10,191	9,647	1,706	1,768	1,590	1,307	5	65	206	2,667
W. S. Central.....	2,435	1,968	125,265	108,767	22,476	20,722	16,784	13,360	131	606	6,208	32,201
Arkansas.....	340	240	11,660	9,264	1,752	1,891	1,704	1,402	5	56	125	2,212
Louisiana.....	388	326	21,401	20,193	3,979	3,611	3,123	2,421	9	67	(?)	3,706
Oklahoma.....	483	364	19,931	15,184	3,652	2,703	2,764	1,812	29	95	(?)	4,020
Texas.....	1,224	1,038	72,273	64,126	13,093	12,517	9,188	7,725	88	388	(?)	22,203
Mountain.....	873	823	53,775	54,203	8,670	9,833	7,152	6,812	38	242	2,331	14,558
Montana.....	135	129	5,714	6,686	879	1,119	773	828	2	27	(?)	891
Idaho.....	134	119	5,904	5,747	906	1,090	950	910	8	32	(?)	1,137
Wyoming.....	58	63	3,516	3,891	488	701	446	475	---	---	---	---
Colorado.....	192	183	13,795	13,885	2,439	2,478	1,705	1,590	9	48	508	2,903
New Mexico.....	104	95	6,415	6,728	987	1,134	850	864	3	45	(?)	2,541
Arizona.....	89	85	7,873	7,074	1,209	1,365	941	873	4	29	(?)	3,364
Utah.....	122	108	8,084	6,439	1,331	1,271	1,153	919	10	34	(?)	2,539
Nevada.....	39	41	2,474	3,803	431	675	334	354	2	7	(?)	381
Pacific.....	1,563	1,418	190,656	149,628	35,200	30,024	19,202	15,533	63	282	7,768	32,913
Washington.....	274	258	23,087	19,206	4,479	3,980	2,921	2,399	16	56	(?)	3,583
Oregon.....	229	235	15,729	13,744	2,681	2,704	1,806	1,646	3	67	184	3,562
California.....	1,060	925	151,840	116,678	28,040	23,280	14,475	11,488	44	159	(?)	25,768

<sup>1</sup> 1948 excludes 122 portable theaters with receipts of \$554,000.

<sup>2</sup> Includes admissions taxes.

<sup>3</sup> Withheld to avoid disclosure.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1954, Selected Services, Vol. VI, and Series PS-3-4.

## No. 1114.—HOTELS—SUMMARY, 1939 TO 1954, AND BY SIZE, 1948 AND 1954

[Covers commercial establishments known to the public as hotels and primarily engaged in providing lodging, or lodging and meals, to the general public. For 1939 and 1948 hotels having less than 6 guest rooms or receipts of less than \$500 for a full year's operations were excluded]

YEAR	Number of hotels	Number of guest rooms	Receipts (\$1,000)	Paid employees <sup>1</sup>	Total payroll (\$1,000)
<b>All hotels:</b>					
1939.....	27,987	1,444,390	863,155	338,029	243,228
1948.....	29,650	1,549,823	2,172,756	398,293	660,004
1954.....	24,778	( <sup>2</sup> )	2,404,529	377,230	802,965
<b>Year-round hotels with 25 or more guest rooms:</b>					
1939.....	14,084	1,143,704	759,084	303,621	224,877
1948.....	14,547	1,132,728	1,854,806	370,422	591,529
1954.....	11,367	1,062,470	2,075,194	354,563	728,715

ITEM	HOTELS BY SIZE-CLASS				
	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms or more
<b>1948<sup>3</sup></b>					
Number of hotels.....	12,307	8,679	5,268	2,862	534
Receipts.....\$1,000.....	167,271	220,449	341,132	681,838	772,066
Paid employees <sup>1</sup> .....	21,082	34,281	59,980	134,459	148,491
<b>1954<sup>3</sup></b>					
Number of hotels.....	4,583	5,062	3,431	2,334	540
Receipts.....\$1,000.....	83,138	154,692	260,654	689,191	970,657
Paid employees.....	11,444	25,200	47,144	123,964	158,255

<sup>1</sup> Includes data for paid executives of corporations but not for proprietors of unincorporated businesses. For 1929, 1933, and 1935, average based on number of employees for April, July, October, and December; for 1939, average for year; for 1948 and 1954, number for workweek ending nearest Nov. 15.

<sup>2</sup> Not available.

<sup>3</sup> 1948 and 1954 not comparable; 1948 represents all hotels; 1954, year-round hotels only.

Source: Department of Commerce, Bureau of the Census; 1939 *Census of Business*, Vol. III, *U. S. Census of Business: 1948*, Vol. VI, and *U. S. Census of Business: 1954*, Vol. V.

## No. 1115.—ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIUM: 1940 TO 1957

[1947-49=100. Base for all indexes is the average monthly expenditure for those media which give national coverage]

TYPE	1940	1945	1950	1952	1953	1954	1955	1956	1957
<b>PRINTERS' INK<sup>1</sup></b>									
General index.....	41	72	116	143	158	164	185	202	211
Total magazines.....	40	73	103	123	134	134	146	159	166
Weekly.....	42	75	105	130	141	145	159	176	183
Women's.....	37	74	98	113	120	115	122	126	125
General.....	40	70	103	119	139	134	157	179	187
Farm.....	36	61	112	122	123	118	116	112	112
Network radio.....	55	97	96	79	69	56	41	35	31
Network television <sup>2</sup> .....			49	147	184	243	310	362	383
Newspapers.....	41	62	133	140	160	158	185	196	205
Outdoor.....	39	59	113	128	139	148	152	158	161
Business papers.....	31	84	103	150	162	167	183	203	217
<b>TIDE</b>									
General index.....			113.1	137.8	154.6	161.0	181.6	197.5	204.6
Newspapers.....			126.7	130.3	148.7	152.5	179.3	189.2	189.8
Magazines.....			102.3	122.9	132.8	135.1	148.5	163.2	170.2
Network radio.....			95.3	84.8	83.0	71.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Network television <sup>4</sup> .....				141.1	178.0	250.7	318.6	382.0	403.9
Outdoor.....			114.3	128.8	139.5	147.8	152.1	156.2	160.3
Farm.....			106.5	114.0	114.3	110.0	113.0	120.4	118.0
Business papers.....			100.3	146.8	167.2	163.8	180.7	187.4	213.4

<sup>1</sup> Data for 1956 and 1957 are preliminary. <sup>2</sup> Base period: 1950-52=100.

<sup>3</sup> Not available. <sup>4</sup> Base period: 1951=100.

Source: Printers' Ink Publications, New York, N. Y.; Tide Magazine, New York, N. Y.

## No. 1116.—ADVERTISING—ESTIMATED EXPENDITURES: 1935 TO 1957

[In millions of dollars]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1935.....	1,690	859	831	1943.....	2,496	1,452	1,045	1951.....	6,426	3,701	2,725
1936.....	1,902	1,008	899	1944.....	2,724	1,669	1,054	1952.....	7,156	4,096	3,060
1937.....	2,072	1,103	969	1945.....	2,875	1,775	1,099	1953.....	7,755	4,521	3,235
1938.....	1,904	1,031	873	1946.....	3,364	1,963	1,401	1954.....	8,164	4,812	3,352
1939.....	1,980	1,086	895	1947.....	4,260	2,487	1,772	1955.....	9,194	5,407	3,788
1940.....	2,088	1,163	925	1948.....	4,864	2,776	2,088	1956.....	9,905	5,926	3,979
1941.....	2,236	1,259	977	1949.....	5,202	2,965	2,237	1957 (prel.)...	10,432	6,304	4,128
1942.....	2,156	1,212	944	1950.....	5,710	3,257	2,453				

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N. Y. Published in *Printers' Ink*.

## No. 1117.—ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1950 TO 1957

[Amounts in millions of dollars]

MEDIUM	1950		1954		1955		1956		1957 (prel.)	
	Expenditures	Per cent of total	Expenditures	Per cent of total	Expenditures	Per cent of total	Expenditures	Per cent of total	Expenditures	Per cent of total
Total.....	5,710	100.0	8,164	100.0	9,194	100.0	9,905	100.0	10,432	100.0
National.....	3,527	57.0	4,812	58.9	5,407	58.8	5,926	59.8	6,304	60.4
Local.....	3,453	43.0	3,352	41.1	3,788	41.2	3,979	40.2	4,128	39.6
Newspapers.....	2,076	36.3	2,695	33.0	3,088	33.6	3,236	32.7	3,325	31.9
National.....	633	9.3	635	7.8	743	8.1	789	8.0	825	7.9
Local.....	1,642	27.0	2,060	25.2	2,345	25.5	2,447	24.7	2,500	24.0
Radio.....	605	10.6	559	6.8	539	5.9	567	5.7	648	6.2
Network.....	196	3.4	114	1.4	83	0.9	61	0.6	64	0.6
Spot.....	136	2.4	135	1.7	130	1.4	161	1.6	204	1.9
Local.....	273	4.8	309	3.8	327	3.6	346	3.5	380	3.7
Television.....	171	3.0	809	9.9	1,025	11.1	1,210	12.3	1,315	12.6
Network.....	85	1.5	422	5.2	540	5.9	630	6.4	667	6.4
Spot.....	31	0.5	207	2.5	250	2.8	325	3.3	367	3.5
Local.....	55	1.0	180	2.2	225	2.4	255	2.6	281	2.7
Magazines.....	515	9.0	668	8.2	729	7.9	795	8.0	830	8.0
Weeklies.....	261	4.6	363	4.4	396	4.3	440	4.4	469	4.5
Women's.....	129	2.3	152	1.9	161	1.8	166	1.7	165	1.6
General.....	88	1.5	114	1.4	133	1.4	153	1.5	159	1.5
Farm.....	37	0.6	39	0.5	39	0.4	37	0.4	37	0.4
Farm papers.....	21	0.4	32	0.4	34	0.4	36	0.4	34	0.3
Direct mail.....	803	14.1	1,202	14.7	1,299	14.1	1,419	14.3	1,500	14.4
Business papers.....	251	4.4	408	5.0	446	4.9	496	5.0	530	5.1
Outdoor.....	143	2.5	187	2.3	192	2.1	200	2.0	204	1.9
National.....	96	1.7	126	1.5	130	1.4	135	1.3	138	1.3
Local.....	46	0.8	61	0.8	63	0.7	65	0.7	66	0.6
Miscellaneous.....	1,125	19.7	1,604	19.6	1,841	20.0	1,947	19.6	2,046	19.6
National.....	610	10.7	895	11.0	1,046	11.4	1,116	11.3	1,179	11.3
Local.....	515	9.0	710	8.7	795	8.6	831	8.3	867	8.3

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N. Y. Published in *Printers' Ink*.

# No. 1118.—ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING IN NEWSPAPERS, BY TYPE OF PRODUCT: 1955 TO 1957

[In thousands of dollars. Data are compiled on basis of actual space measurements of bulk of "national" advertising carried by weekday and Sunday newspapers. Figures represent projections to 100 percent; newspapers actually measured account for approximately 88 percent or slightly better of total weekday circulation and approximately 92 percent or better of total Sunday circulation]

TYPE OF PRODUCT	1955	1956	1957	TYPE OF PRODUCT	1955	1956	1957
<b>Total</b> .....	<b>695,322</b>	<b>737,996</b>	<b>757,401</b>	Gasolines and oils.....	28,636	32,357	30,224
Air conditioning.....	1,997	1,846	2,219	Laundry soaps and cleansers.....	28,886	29,400	24,511
Airways.....	18,764	21,613	24,502	Liquors.....	41,055	48,072	49,799
Automatic refrigeration.....	3,370	3,554	3,287	Passenger cars (new).....	126,119	103,256	117,332
Baking products.....	20,229	23,913	22,459	Perfumes and cosmetics.....	14,748	13,383	12,786
Beers.....	17,021	16,010	17,561	Radio and television stations.....	12,252	14,352	17,987
Beverages.....	23,276	24,409	25,535	Radio and television sets..	5,806	6,827	6,158
Cigarettes.....	17,259	23,561	24,088	Railroads.....	7,555	7,761	6,346
Dairy products.....	15,667	17,447	19,021	Miscellaneous.....	300,714	338,011	341,817
Furniture and furnishings.	11,968	12,224	11,769				

Source: Compiled by Media Records, Inc., for Bureau of Advertising of the American Newspaper Publishers Association, Inc., New York, N. Y.; published in *Advertising Age*.

# No. 1119.—ADVERTISING—NEWSPAPER ADVERTISING LINAGE FOR 52 CITIES: 1930 TO 1957

[In thousands of lines. Data represent newspaper linage in all newspapers, daily and Sunday, in an unchanged list of 52 selected cities]

MONTHLY AVERAGE	Total	Classified	DISPLAY				
			Total	Auto-motive	Financial	General <sup>1</sup>	Retail
1930.....	137,854	24,913	112,941	8,932	4,938	25,254	73,817
1935.....	103,912	19,081	84,831	6,077	1,776	18,081	58,896
1940.....	105,719	21,901	83,818	5,167	1,619	15,719	61,313
1945.....	115,969	26,680	89,289	2,888	1,841	20,504	64,056
1950.....	203,346	42,553	160,793	10,049	2,356	32,464	115,924
1951.....	206,539	48,501	158,037	9,166	2,514	30,555	115,802
1952.....	208,783	51,459	157,323	8,952	2,600	29,094	116,587
1953.....	217,556	54,070	163,486	11,679	2,785	30,671	118,351
1954.....	215,098	50,231	164,867	11,918	3,029	29,837	120,083
1955.....	230,950	58,705	172,245	15,919	3,383	31,850	127,592
1956.....	242,565	60,384	182,181	14,168	3,773	34,054	130,186
1957.....	235,761	57,122	178,638	15,117	3,960	31,476	128,086

<sup>1</sup> Advertising of specific products on general sale, as distinguished from the advertising of retail stores, and auto-motive or financial advertising.

Source: Compiled by Media Records, Inc. and published currently in Department of Commerce, Office of Business Economics; *Survey of Current Business*.

## No. 1120.—ADVERTISING—VOLUME OF MAGAZINE ADVERTISING: 1950 TO 1957

[In thousands of dollars. Data represent advertising revenue of general magazines and national farm magazines. Space cost is based on one-time rate; special rates are used where applicable. Retail advertising and direct-mail advertising are not distributed according to type of product, but are included in "All other." Figures from year to year may not be strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1950	1953	1954	1955	1956	1957
<b>Cost, total</b> .....	<b>458,451</b>	<b>603,114</b>	<b>597,142</b>	<b>657,333</b>	<b>691,728</b>	<b>741,434</b>
Apparel, footwear and accessories.....	39,038	48,865	48,620	51,143	53,973	53,124
Automotive, automotive accessories and equipment.....	41,969	55,995	54,283	61,054	58,118	65,402
Beer, wine and liquor.....	26,581	30,670	30,751	34,442	31,700	39,441
Building materials, equipment and fixtures.....	20,064	32,093	30,207	33,301	35,793	33,434
Drugs and remedies.....	12,774	16,451	17,608	19,164	20,610	26,379
Food and food products.....	53,591	67,080	72,157	77,610	78,943	80,355
Household equipment and supplies.....	34,326	40,393	38,611	38,747	40,960	37,982
Household furnishings.....	24,820	29,231	25,879	30,630	31,048	39,770
Industrial materials.....	24,490	42,818	42,708	49,267	50,244	59,195
Smoking materials.....	12,997	14,822	16,369	17,308	16,373	20,869
Toiletries and toilet goods.....	37,541	39,489	38,233	40,585	42,074	48,848
Travel, hotels and resorts.....	12,746	17,086	18,263	19,753	18,402	22,442
All other.....	117,514	168,121	163,443	184,329	204,490	223,133

Source: Magazine Advertising Bureau, New York, N. Y.

## No. 1121.—ADVERTISING—GROSS TIME CHARGES FOR NETWORK RADIO ADVERTISING, 1950 TO 1954, AND NETWORK TELEVISION, 1950 TO 1957

[In thousands of dollars. Covers national networks; excludes regional or spot advertising. Gross time charges computed at the one-time rate, before application of size and frequency discounts. Net time charges are approximately 40 percent less for radio and 25 percent less for television. No allowance included for talent, production, and wire charges]

TYPE OF PRODUCT	RADIO <sup>1</sup>			TELEVISION					
	1950	1953	1954	1950 <sup>2</sup>	1953	1954	1955	1956 <sup>2</sup>	1957 <sup>2</sup>
<b>Gross time charges</b> .....	<b>183,519</b>	<b>160,535</b>	<b>137,641</b>	<b>40,779</b>	<b>227,586</b>	<b>320,131</b>	<b>406,899</b>	<b>488,168</b>	<b>516,202</b>
Apparel, footwear and accessories.....	1,508	1,223	489	901	2,832	3,236	2,828	3,489	3,662
Automotive, automotive accessories and equipment.....	5,009	8,025	9,633	5,325	21,050	29,204	47,059	56,730	53,018
Beer, wine and liquor.....	2,775	1,896	2,955	1,704	5,727	6,981	7,588	7,680	8,071
Confectionery and soft drinks.....	6,148	3,012	2,645	1,839	5,610	6,179	8,114	8,742	7,581
Drugs and remedies.....	24,433	21,125	17,089	392	9,641	15,849	23,280	39,428	46,353
Food and food products.....	44,861	35,126	28,770	6,602	42,182	64,472	79,989	89,055	96,629
Gasoline, lubricants and other fuel.....	5,509	4,960	5,114	1,516	2,861	3,988	4,995	4,198	2,861
Household equipment and supplies.....	3,086	6,495	3,623	2,653	19,946	26,403	31,549	34,526	19,838
Household furnishings.....	601	1,652	225	2,090	2,938	4,031	2,571	3,039	3,038
Insurance.....	2,853	2,242	2,387	79	1,452	1,765	2,219	4,924	6,920
Radios, TV sets, phonographs, musical instruments and accessories.....	1,232	2,489	1,973	3,421	4,325	8,595	8,096	11,470	4,377
Smoking materials.....	22,489	15,008	10,779	6,250	36,060	42,728	42,122	40,747	49,085
Soaps, cleansers and polishes.....	20,700	15,891	14,883	863	22,907	34,607	46,968	60,559	68,376
Toiletries and toilet goods.....	25,783	26,028	18,160	4,183	36,339	49,963	74,175	85,572	102,263
All other.....	16,532	15,363	18,916	2,961	13,707	22,131	25,346	38,009	44,125

<sup>1</sup> Gross time charges for network radio not available after July 1955. <sup>2</sup> Excludes Du Mont.

Source: Magazine Advertising Bureau, New York, N. Y.

# No. 1122.—ACTIVE CORPORATION EXPENDITURES FOR ADVERTISING, COMPARED WITH SALES AND RECEIPTS, BY INDUSTRY: 1954 AND 1955

[Compiled from corporation income tax returns, excluding returns of inactive corporations. See headnote and footnotes, table 612]

INDUSTRY GROUP	1954				1955			
	Number of corporations	Gross sales and receipts from operations	Advertising expenditures		Number of corporations	Gross sales and receipts from operations	Advertising expenditures	
			Amount	Per cent of sales, etc.			Amount	Per cent of sales, etc.
Total.....	722,805	\$1,000 528,905,708	\$1,000 5,770,193	1.091	807,303	\$1,000 612,682,730	\$1,000 6,601,835	1.078
Agriculture, forestry, and fishery....	8,779	2,175,547	13,121	0.603	10,303	2,476,132	14,164	0.572
Farms and agricultural services.....	7,971	2,094,907	13,060	0.623	9,421	2,373,323	13,995	0.590
Forestry and fishery.....	808	80,640	61	0.076	882	102,809	169	0.164
Mining and quarrying.....	9,585	8,238,566	13,231	0.161	10,718	9,458,679	15,630	0.165
Construction.....	36,130	17,214,952	39,249	0.228	41,569	19,741,680	42,268	0.214
Manufacturing.....	120,896	264,546,794	3,350,758	1.267	129,828	301,720,289	3,735,682	1.238
Beverages.....	2,759	7,343,363	315,062	4.290	3,062	6,665,206	302,164	4.533
Food and kindred products.....	10,289	36,504,618	656,832	1.799	11,343	37,973,759	743,316	1.957
Tobacco manufactures.....	172	3,674,860	148,349	4.037	154	3,869,487	162,684	4.204
Textile-mill products.....	5,270	11,728,755	83,202	0.709	5,099	13,617,817	88,415	0.649
Apparel and products made from fabrics.....	13,750	8,857,300	84,957	0.959	14,383	10,021,521	97,548	0.973
Furniture and fixtures.....	4,698	3,480,527	45,335	1.322	5,068	4,173,723	51,877	1.243
Paper and allied products.....	2,737	8,448,032	48,099	0.669	3,251	9,835,855	60,606	0.616
Printing, publishing, and allied industries.....	14,158	8,696,335	50,522	0.581	14,800	9,826,663	55,071	0.560
Chemicals and allied products.....	7,356	18,696,435	595,769	3.187	7,975	21,421,951	709,872	3.314
Petroleum and coal products.....	715	27,509,092	133,662	0.486	764	30,832,388	146,632	0.476
Rubber products.....	793	4,560,021	55,888	1.226	845	5,775,512	59,132	1.024
Leather and products.....	2,620	3,054,928	36,000	1.198	2,760	3,406,062	38,585	1.133
Stone, clay, and glass products.....	4,284	6,553,662	51,324	0.783	4,535	7,878,596	58,040	0.737
Primary metal industries.....	3,241	19,636,375	97,937	0.546	3,395	25,984,839	77,874	0.299
Fabricated metal products <sup>1</sup> .....	11,775	13,647,849	149,544	1.096	12,492	15,606,993	167,525	1.073
Machinery <sup>2</sup> .....	11,716	21,197,535	233,345	1.101	12,701	22,923,554	257,170	1.122
Electrical machinery and equip. <sup>3</sup> .....	3,937	14,278,590	246,248	1.725	4,300	15,397,530	267,833	1.739
Motor vehicles and equipment <sup>3</sup> .....	1,149	20,212,831	125,404	0.620	1,326	26,964,197	137,282	0.509
Scientific instruments, photographic equipment, watches, and clocks.....	2,027	3,848,001	78,687	2.045	2,215	4,345,348	95,722	2.203
Other.....	17,650	22,667,685	143,989	0.635	18,770	25,199,288	158,634	0.630
Public utilities.....	29,122	41,210,835	146,731	0.356	33,017	46,884,055	170,554	0.364
Transportation.....	21,456	21,273,548	84,457	0.397	23,856	24,298,704	97,804	0.403
Other.....	7,666	19,937,287	62,274	0.312	9,161	22,586,351	72,750	0.322
Trade.....	238,523	171,027,259	1,744,369	1.020	264,968	205,152,600	2,071,764	1.010
Wholesale.....	77,064	82,409,626	432,870	0.525	86,280	98,722,054	519,636	0.526
Retail.....	139,953	80,007,109	1,219,424	1.524	154,931	96,008,400	1,437,083	1.488
Food.....	10,597	19,919,553	134,712	0.676	12,188	22,508,497	171,752	0.763
General merchandise.....	7,545	16,904,288	449,774	2.661	8,615	18,698,687	465,768	2.491
Apparel and accessories.....	18,469	5,585,415	145,021	2.596	19,583	6,395,935	163,470	2.556
Furniture, housefurnishings.....	13,286	3,166,961	106,693	3.369	14,535	3,891,330	130,959	3.365
Automotive dealers, filling stations.....	25,218	19,431,501	216,939	1.116	27,739	27,316,667	314,285	1.151
Other.....	64,938	14,999,391	166,285	1.109	72,271	17,797,284	190,849	1.072
Trade not allocable.....	21,605	8,610,524	92,075	1.069	23,757	9,822,146	115,045	1.171
Finance, insurance, real estate, and lessors of real property.....	205,339	12,374,381	234,177	1.892	234,019	13,276,403	294,354	2.217
Finance.....	47,602	2,612,468	159,920	6.121	53,314	2,811,412	195,909	6.968
Banks and trust companies.....	14,680	908,356	88,754	9.771	16,125	1,033,256	105,685	10.228
Other.....	32,922	1,704,112	71,166	4.176	37,189	1,778,156	90,224	5.074
Insurance carriers and agents.....	12,890	7,591,864	23,616	0.311	14,527	8,003,398	28,603	0.357
Real estate <sup>4</sup> .....	144,847	2,169,829	50,641	2.334	166,178	2,461,593	69,842	2.837
Services.....	64,845	12,003,977	227,060	1.892	72,892	13,874,617	256,276	1.847
Hotels and lodging places.....	7,474	1,638,972	34,685	2.116	7,968	1,794,488	36,235	2.019
Personal services.....	12,640	1,845,596	30,248	1.639	14,094	2,098,783	35,138	1.674
Business services.....	15,792	3,548,446	40,481	1.141	17,968	4,147,760	39,615	0.955
Motion pictures.....	5,712	2,048,980	69,337	3.384	6,510	2,273,407	86,762	3.816
Amusement, exc. motion pictures.....	6,785	839,228	21,590	2.573	7,102	942,491	24,929	2.645
Other.....	16,542	2,082,755	30,719	1.475	19,250	2,617,778	33,597	1.283
Nature of business not allocable.....	9,586	113,397	1,497	1.320	9,989	98,275	1,143	1.163

<sup>1</sup> Except ordnance, machinery, and transportation equipment.

<sup>2</sup> Except transportation equipment and electrical.

<sup>3</sup> Except electrical.

<sup>4</sup> Includes lessors of real property other than buildings.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*.



## Section 32

### Foreign Commerce and Aid

This section presents measures of the flow of goods, precious metals, services, and funds between the United States and other countries. These measures appear in summary in the balance of payments and in detail as dollar values of imports and exports of merchandise or commodities classified by countries (or larger geographic areas) of their origin or destination. Also shown are statistics on international investments, on the foreign aid and mutual security programs, and on import duties.

The Office of Business Economics compiles and publishes figures on the balance of payments, the United States international investment position, and on total foreign aid by the Federal Government. Current figures appear in its quarterly *Foreign Grants and Credits by the United States Government*, and in its monthly *Survey of Current Business*; figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1958. Statistics for the mutual security programs are compiled by the International Cooperation Administration and appear in its quarterly report *Mutual Security Fund Allocations to International Cooperation Administration*.

The principal sources of import and export data are publications of the Bureau of the Census. The *Quarterly Summary of Foreign Commerce of the United States* presents cumulative quarterly data in each issue (annual data in the issue for the last quarter of each year). For a complete list of this Bureau's monthly, quarterly, and annual reports in this field, consult its *Catalog of United States Foreign Trade Publications*. In addition, the Treasury Department's *Annual Report of the Secretary* is a helpful source for information concerning import duties.

**International accounts and foreign aid.**—The balance of payments table shows for given time periods the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world or between the United States and a specific country or area.

The international investment position table presents for specific dates the value of United States investments abroad and of foreign investments in the United States. The movement of foreign and United States capital as presented in the balance of payments is only one of the factors affecting the total value of foreign investments and therefore the international investment position of the United States. Among the other factors affecting the value of foreign investments are: Changes in the valuation of assets or liabilities, including securities; defaults; expropriations; write-offs; and reinvested earnings of subsidiaries operating abroad and of foreign subsidiaries operating in the United States.

Foreign aid consists of two categories: Grants (military and nonmilitary) and credits. Grants or unilateral transactions are transfers of goods, services, or cash for which payment is not expected or has not been specified. Credits are loans or other agreements which give rise to specific obligations to repay or return, over a period of years, usually with interest. In some instances, assistance has been given with the understanding that a decision as to repayment will be made at a later date; such assistance at that time is included in grants. At such time as an agreement is reached for repayment, a credit is established. Such credits cannot, as a rule, be deducted from specific grants recorded in previous periods; therefore, an adjustment for grants converted into credits is made at the time of the agreement. All known returns to

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Note.—This section presents data for the most recent year or period available on June 19, 1958, when the material was organized and sent to the printer.

the United States Government stemming from grants and credits together with reverse grants and payments of principal are taken into account in net grants and net credits. Interest and commissions are not included.

Foreign aid figures as published in *Foreign Grants and Credits by the United States Government* are not identical to figures for government grants and capital published in the balance of payments. The main factors contributing to this difference are: (1) Contributions to the multilateral-construction program of the North Atlantic Treaty Organization are included as military grants in *Foreign Grants and Credits*, but shown as military expenditures in the balance of payments; (2) disbursements and collections through private agent banks of the Export-Import Bank are included in United States Government loans and other credits in *Foreign Grants and Credits*, whereas such disbursements are classified as private capital in the balance of payments; (3) Government investments in certain productive enterprises abroad and government capital contributions to international organizations are included in United States Government capital in the balance of payments statements but not in *Foreign Grants and Credits*.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized by the Congress in the 1950 Act for International Development, and by other legislation which set up programs for specific countries (e. g., Korea, Nationalist Government of China, etc.). In 1952, most economic, technical, and military aid programs were combined under the Mutual Security Act.

Sale of United States agricultural commodities for foreign currencies is a comparatively recent development. The funds thereby obtained by the United States are used to finance military or other grants and credits for the purchasing countries or other countries or to pay United States obligations abroad, to purchase strategic materials, etc. Since the foreign countries do not have to use their dollar or other exchange resources for the agricultural commodities from the United States, they therefore receive temporary assistance which can be measured by the extent that the U. S. Government increases its holdings of foreign currencies or receivables.

**Foreign trade.**—Import data are compiled by the Bureau of the Census from import entries (various Customs forms) which importers are required to file with Collectors of Customs for each shipment arriving. Import values are, in general, based on market or selling price and are f. o. b. the exporting country. Values do not include import duties. The country of origin is defined as the country in which the merchandise was grown, mined, or manufactured. If the importer cannot obtain information as to the country of origin, it is credited (for statistical purposes) to the country of shipment.

Imports are classified either as general imports or imports for consumption. General imports represent total arrivals of imported goods (except for in-transit shipments), that is, merchandise released from Customs custody immediately upon arrival plus merchandise entered into a bonded storage warehouse, bonded manufacturing warehouse, and bonded refining warehouse immediately upon arrival. Imports for consumption comprise merchandise entered into United States consumption channels, that is, merchandise released from Customs custody immediately upon arrival, merchandise entered into a bonded manufacturing warehouse (other than smelting or refining warehouse), merchandise withdrawn from a bonded storage warehouse for release into domestic consumption channels, and imported ores and crude metals which have been processed in a bonded smelting warehouse, withdrawn for consumption or for reexport.

Effective January 1954, imports valued at \$250 or less, reported on formal consumption and informal entries (about 1 percent of total import value), are estimated from

a 5-percent sample. The estimated import values are excluded from detailed commodity statistics but are included in the over-all totals and are distributed in the appropriate country, district, and economic class totals and in the totals for groupings of commodity classifications (i. e., commodity group or subgroup). Some indication of the undercounting in the detailed commodity statistics for imports is presented in the Appendixes to the calendar year issues of Report FT 110, *United States Imports of Merchandise for Consumption*, beginning with the issue for 1954. Explanations of the sampling procedures are given in the *Quarterly Summary of Foreign Commerce of the United States* and in Report FT 110, *United States Imports of Merchandise for Consumption*.

Export data are compiled by the Bureau of the Census from Shippers' Export Declarations which exporters are required to file with Collectors of Customs for each shipment leaving the United States. Export data include shipments made after World War II under the Department of the Army Civilian Supply Program only for 1948 and subsequent years. In addition, export data include United States exports under the Lend-Lease, United Nations Relief and Rehabilitation Administration, Economic Cooperation Administration, Mutual Defense Assistance, and other mutual security programs. Shipments to United States Armed Forces for their own use are not included in export statistics for any period.

Export value figures are based on the selling price (or on the cost, if not sold) of the commodity shipped and include inland freight, insurance, and other charges to place of export. Transportation and other costs beyond the United States port of exportation are excluded. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured. In the event the exporter does not have definite information as to the country of ultimate destination for a shipment, it is credited (for statistical purposes) to the country to which it is consigned.

Certain export commodity classifications were grouped for security reasons into special categories beginning with May 1949, with periodic amendments to include additional commodities. With the adoption of new security regulations, effective July 1950, the publication of the country of destination and Customs District detail for the special category commodities and groups was discontinued. Data for special category commodities are included, however, in all total export statistics.

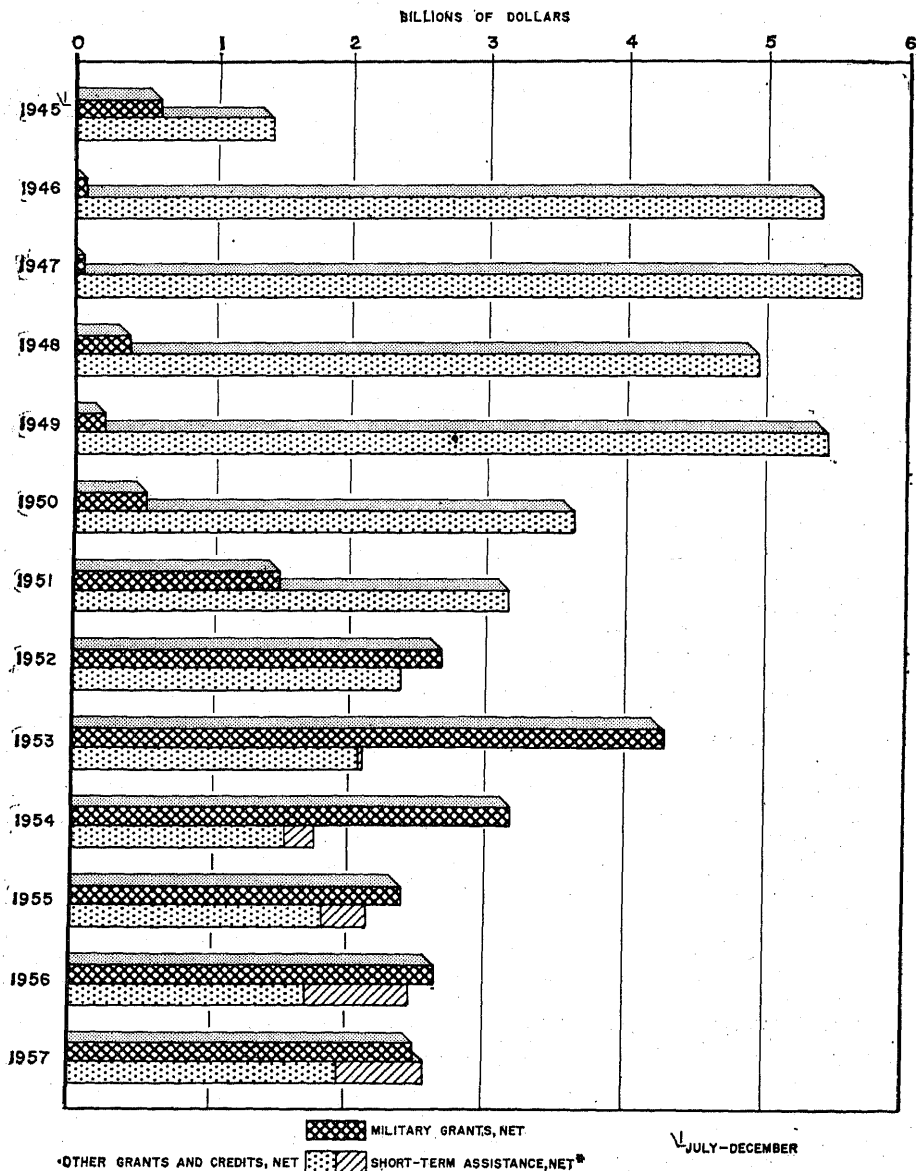
Shipments individually valued at less than \$100 are not classified by commodity, but are reported in a single separate category. Effective with the statistics for July 1953 and continuing through December 1955, data for export shipments individually valued from \$100 to \$499 (about 4 to 6 percent of the total export value) were estimated on the basis of a 10-percent sample. From January through June 1956, the 10-percent sample was applied to shipments individually valued from \$100 to \$999 but, subsequently, the level was reduced to the previous level of \$499. Details concerning sampling error and procedures are given in the *Quarterly Summary of Foreign Commerce of the United States* and Report FT 410, *United States Exports of Domestic and Foreign Merchandise*.

Except as noted, the values stated are in United States dollars without reference to changes in the gold content of the dollar. (Between March 10, 1933, and January 31, 1934, the foreign exchange value of the dollar was permitted to depreciate as a result of the restriction placed on gold shipments to foreign countries.) The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and from January 1, 1935, through December 31, 1939, the Virgin Islands.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series M 1-13") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

FIG. XLII.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY PROGRAM: 1945 TO 1957

[See table 1127]



\*Foreign commerce claims accumulated through the sale of agricultural commodities.

Source: Department of Commerce. Chart prepared by Bureau of the Census; data from Office of Business Economics.

## No. 1123.—BALANCE OF INTERNATIONAL PAYMENTS: 1920 TO 1957

[In millions of dollars. See also *Historical Statistics, 1789-1945*, series M 14-41, for data as presented in 1950 Abstract, table 988]

ITEM	1920	1925	1930	1935	1940	1945	1950
<b>Exports of goods and services</b> .....	10,264	6,348	5,448	3,265	5,355	16,273	14,427
Military transfers under grants.....						(1)	526
Other goods and services.....	10,264	6,348	5,448	3,265	5,355	16,273	13,901
Merchandise, adjusted.....	8,481	5,011	3,929	2,404	4,124	12,473	10,117
Transportation.....	1,119	318	325	139	402	1,308	1,033
Travel.....	67	83	129	101	95	162	419
Misc. services: Private <sup>2</sup> .....		8	7	82	150	453	607
Government.....	1	16	18	18	20	1,288	132
Military transactions.....							(1)
Income on investments.....	596	912	1,040	521	564	589	1,593
<b>Imports of goods and services</b> .....	6,741	5,261	4,416	3,137	3,636	10,232	12,098
Merchandise, adjusted.....	5,384	4,291	3,104	2,462	2,698	5,245	9,108
Transportation.....	848	391	477	206	334	420	818
Travel.....	190	347	463	245	190	309	754
Misc. services: Private <sup>2</sup> .....	60				95	153	247
Government.....	16	23	28	28	48	1,440	250
Military expenditures.....	123	39	49	41	61	2,434	576
Income on investments.....	120	170	295	155	210	231	345
<b>Balance on goods and services</b> .....	3,523	1,087	1,032	128	1,719	6,041	2,329
<b>Unilateral transfers, net [to foreign countries (-)]</b> .....	-679	-403	-342	-182	-210	-7,113	-4,533
Private remittances.....	-634	-373	-306	-162	-178	-473	-444
Government.....	-45	-30	-36	-20	-32	-6,640	-4,089
Military supplies and services.....							526
Other.....	-45	-30	-36	-20	-32		-3,563
<b>U. S. capital, net [outflow of funds (-)]</b> .....	-729	-890	-478	544	194	-1,569	-1,421
Private.....	-554	-917	-555	543	245	-550	-1,265
Government.....	-175	27	77	1	-51	-1,019	-156
<b>Foreign capital, net [outflow of funds (-)]</b> .....	-278	241	-222	968	1,263	2,085	-1,912
Long-term investments in U. S.....	-278	301	66	320	-90	-104	994
Short-term liabilities.....	(3)	-60	-288	648	1,353	2,189	918
<b>Gold sales [purchases (-)]</b> .....	68	100	-310	-1,822	-4,243	548	1,743
<b>Foreign capital and gold, total</b> .....	-210	341	-532	-854	-2,980	2,633	3,655
<b>Errors and omissions</b> .....	-1,905	-135	320	364	1,277	8	-30

ITEM	1951	1952	1953	1954	1955	1956	1957 (prel.)
<b>Exports of goods and services</b> .....	20,333	20,708	21,335	21,110	22,328	26,123	28,767
Military transfers under grants.....	1,470	2,603	4,254	3,161	2,325	2,605	2,505
Other goods and services.....	18,863	18,105	17,081	17,949	20,003	23,518	26,262
Merchandise, adjusted.....	14,123	13,319	12,281	12,799	14,280	17,321	19,296
Transportation.....	1,556	1,488	1,193	1,171	1,420	1,619	1,849
Travel.....	473	550	574	595	654	705	769
Misc. services: Private.....	677	714	754	829	879	938	987
Government.....	152	206	172	149	122	121	135
Military transactions.....	(1)	(1)	192	179	204	156	364
Income on investments.....	1,882	1,828	1,910	2,227	2,444	2,658	2,862
<b>Imports of goods and services</b> .....	15,142	15,760	16,644	16,088	17,937	19,810	20,627
Merchandise, adjusted.....	11,202	10,838	10,990	10,354	11,527	12,791	13,264
Transportation.....	974	1,115	1,081	1,026	1,204	1,432	1,438
Travel.....	757	840	929	1,009	1,153	1,275	1,358
Misc. services: Private.....	330	343	392	429	466	520	502
Government.....	254	277	267	248	242	264	302
Military expenditures.....	1,270	1,957	2,535	2,603	2,823	2,910	3,114
Income on investments.....	355	390	450	419	502	618	649
<b>Balance on goods and services</b> .....	5,191	4,948	4,691	5,022	4,391	6,313	8,140
<b>Unilateral transfers, net [to foreign countries (-)]</b> .....	-4,962	-5,108	-6,708	-5,423	-4,811	-4,937	-4,816
Private remittances.....	-386	-417	-476	-486	-444	-503	-547
Government.....	-4,576	-4,691	-6,232	-4,937	-4,367	-4,434	-4,269
Military supplies and services.....	-1,470	-2,603	-4,254	-3,161	-2,325	-2,605	-2,505
Other.....	-3,106	-2,088	-1,978	-1,776	-2,042	-1,829	-1,764
<b>U. S. capital, net [outflow of funds (-)]</b> .....	-1,224	-1,578	-587	-1,526	-1,521	-3,606	-3,906
Private.....	-1,068	-1,158	-309	-1,619	-1,211	-2,980	-3,035
Government.....	-156	-420	218	93	-310	-626	-961
<b>Foreign capital, net [outflow of funds (-)]</b> .....	578	1,612	1,147	1,462	1,454	1,844	709
Long-term investments in U. S.....	-477	443	124	252	875	407	311
Short-term liabilities.....	1,055	1,169	1,023	1,210	579	1,437	398
<b>Gold sales [purchases (-)]</b> .....	-53	-379	1,161	298	41	-306	-798
<b>Foreign capital and gold, total</b> .....	525	1,233	2,808	1,760	1,465	1,528	-89
<b>Errors and omissions</b> .....	470	505	295	167	446	692	761

<sup>1</sup> Not shown separately.<sup>2</sup> For 1920 to 1935, includes some merchandise adjustments and represent net receipts or payments.<sup>3</sup> Not available.Source: Department of Commerce, Office of Business Economics, *Survey of Current Business*, March 1958, and *Balance of Payments—Statistical Supplement*, 1958.

# No. 1124.—INTERNATIONAL INVESTMENT POSITION OF THE UNITED STATES: 1940 TO 1956

[In millions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or stated values. See also *Historical Statistics, 1789-1945*, series M 1-13]

ITEM	1940	1945	1950	1951	1952	1953	1954	1955	1956 (prel.)
<b>U. S. investments abroad.....</b>	<b>12,275</b>	<b>16,818</b>	<b>32,844</b>	<b>34,955</b>	<b>37,253</b>	<b>39,524</b>	<b>42,209</b>	<b>44,947</b>	<b>49,462</b>
Private.....	12,195	14,683	10,004	20,948	22,829	23,804	26,589	29,054	32,977
Long-term.....	11,310	13,658	17,488	19,295	21,090	22,216	24,365	26,668	30,055
Direct.....	7,340	8,360	11,788	13,089	14,819	16,286	17,626	19,313	22,118
Portfolio.....	3,970	5,299	5,700	6,206	6,271	5,930	6,739	7,355	7,937
Short-term.....	885	1,025	1,616	1,653	1,739	2,224	2,224	2,886	2,922
U. S. Government.....	80	2,135	18,840	14,007	14,424	15,720	15,620	15,693	16,485
Long-term.....	80	1,644	13,518	13,671	14,087	15,415	15,208	15,170	15,219
Short-term.....	—	491	322	336	337	305	412	723	1,266
<b>Foreign assets and investments in the U. S.....</b>	<b>13,535</b>	<b>17,594</b>	<b>19,459</b>	<b>20,549</b>	<b>22,527</b>	<b>23,628</b>	<b>26,804</b>	<b>29,557</b>	<b>31,624</b>
Long-term investments.....	8,100	8,031	7,744	8,450	8,929	9,172	10,947	12,587	13,556
Direct.....	2,875	2,514	3,138	3,330	3,519	3,776	3,995	4,255	4,549
Portfolio.....	5,225	5,517	4,606	5,120	5,410	5,396	6,952	8,332	8,807
Short-term assets and Government obligations.....	5,435	9,563	11,715	12,099	13,598	14,456	15,857	16,970	18,268
Private obligations.....	5,125	5,263	6,512	6,651	7,263	7,637	8,525	8,471	9,503
Government obligations.....	310	4,300	5,203	5,448	6,335	6,819	7,332	8,499	8,765
Long-term.....	150	487	1,470	810	1,113	1,019	1,107	1,636	1,501
Short-term.....	160	3,813	3,733	4,638	5,222	5,800	6,225	6,863	7,264
<b>Net debtor (-) or creditor (+) position.....</b>	<b>-1,260</b>	<b>-776</b>	<b>+13,385</b>	<b>+14,406</b>	<b>+14,726</b>	<b>+15,896</b>	<b>+15,405</b>	<b>+15,390</b>	<b>+17,838</b>

Source: Department of Commerce, Office of Business Economics; *International Transactions of the United States during the War, 1940-45* (as revised), and *Survey of Current Business*, May 1954 and August 1955, 1956, and 1957.

# No. 1125.—INTERNATIONAL INVESTMENTS—VALUE OF DIRECT INVESTMENTS ABROAD, BY COUNTRIES, 1950 TO 1956, AND BY MAJOR INDUSTRY, 1956

[In millions of dollars. Represents private long-term direct investments]

COUNTRY	1950	1954	1955	1956 (prel.)						
				Total	Mining and smelting	Petroleum	Manufacturing	Public utilities	Trade	Other industries
<b>All countries.....</b>	<b>11,788</b>	<b>17,626</b>	<b>19,313</b>	<b>22,118</b>	<b>2,391</b>	<b>7,244</b>	<b>7,088</b>	<b>1,694</b>	<b>1,444</b>	<b>2,257</b>
<b>Canada.....</b>	<b>3,579</b>	<b>5,871</b>	<b>6,494</b>	<b>7,480</b>	<b>938</b>	<b>1,752</b>	<b>3,186</b>	<b>338</b>	<b>426</b>	<b>840</b>
<b>Latin American Republics.....</b>	<b>4,735</b>	<b>6,244</b>	<b>6,608</b>	<b>7,408</b>	<b>1,090</b>	<b>2,227</b>	<b>1,515</b>	<b>1,192</b>	<b>495</b>	<b>889</b>
Argentina.....	356	424	447	470	(1)	(1)	242	69	44	34
Brazil.....	644	1,049	1,115	1,209	(1)	213	610	180	138	(1)
Chile.....	540	633	639	677	434	(1)	40	(1)	12	9
Colombia.....	193	200	274	289	(1)	103	70	40	44	(1)
Cuba.....	642	713	736	774	(1)	(1)	65	316	35	302
Mexico.....	414	524	607	675	165	18	309	94	71	18
Peru.....	145	283	305	354	221	(1)	26	(1)	29	35
Venezuela.....	993	1,366	1,428	1,817	(1)	1,411	77	21	76	(1)
Central America, Dominican Republic, and Haiti.....	722	881	938	1,010	19	318	33	285	23	332
Other countries.....	86	111	119	133	(1)	219	43	210	24	(1)
<b>Western Europe.....</b>	<b>1,720</b>	<b>2,639</b>	<b>3,004</b>	<b>3,493</b>	<b>44</b>	<b>994</b>	<b>1,835</b>	<b>45</b>	<b>311</b>	<b>264</b>
Belgium.....	65	116	134	150	—	38	88	(3)	21	3
France.....	217	334	376	426	6	136	230	5	19	30
Germany.....	204	293	332	424	(1)	111	234	(1)	42	30
Italy.....	63	126	157	204	—	107	56	1	7	35
Netherlands.....	84	140	162	182	(1)	102	41	(1)	25	13
United Kingdom.....	847	1,257	1,426	1,599	3	279	1,039	25	140	113
Other countries.....	241	374	417	508	217	221	147	25	58	228
<b>Western European dependencies.....</b>	<b>435</b>	<b>599</b>	<b>637</b>	<b>821</b>	<b>122</b>	<b>573</b>	<b>17</b>	<b>32</b>	<b>45</b>	<b>32</b>
<b>Other.....</b>	<b>1,318</b>	<b>2,273</b>	<b>2,570</b>	<b>2,916</b>	<b>197</b>	<b>1,699</b>	<b>536</b>	<b>87</b>	<b>165</b>	<b>232</b>
Australia.....	201	393	498	551	29	(1)	264	(1)	7	27
Japan.....	19	106	128	144	—	(1)	20	1	8	(1)
Liberia.....	82	230	277	338	(1)	263	—	11	(1)	45
Philippine Republic.....	149	217	229	266	(1)	(1)	36	67	52	31
Union of South Africa.....	140	216	259	289	84	69	95	(1)	31	(1)
Other countries.....	727	1,112	1,180	1,329	254	2893	122	22	224	240

<sup>1</sup> Included in total, not shown separately.

<sup>2</sup> Excludes figures for some countries which are included in total. <sup>3</sup> Less than \$500,000.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1957.

# No. 1126.—INTERNATIONAL INVESTMENTS—INCOME RECEIPTS AND PAYMENTS, BY AREAS: 1950 TO 1957

[In millions of dollars. Figures represent investment income receipts and payments abstracted from the general pattern of the United States balance of payments. "Direct" investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important voice. "Other private" investments represent long-term miscellaneous holdings such as government or corporate bonds, interests in trusts and estates, or bank loans]

AREA AND TYPE OF INVESTMENT	1950		1954		1955		1956		1957	
	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments
<b>Total, all areas</b> .....	1,593	345	2,227	419	2,444	502	2,658	618	2,862	649
Direct.....	1,294	148	1,725	175	1,912	191	2,160	227	2,302	197
Other private.....	190	166	230	185	258	217	304	237	360	250
U. S. Government.....	109	31	272	59	274	94	194	154	200	202
Canada.....	410	78	371	98	423	108	487	135	540	122
Direct.....	294	36	237	50	293	50	341	69	371	52
Other private.....	116	32	133	37	129	43	146	46	169	44
U. S. Government.....	( <sup>1</sup> )	10	1	11	1	15	( <sup>1</sup> )	20	( <sup>1</sup> )	26
Latin American republics.....	554	13	645	18	745	21	918	25	1,009	29
Direct.....	522	1	590	( <sup>1</sup> )	678	( <sup>1</sup> )	840	( <sup>1</sup> )	913	( <sup>1</sup> )
Other private.....	18	10	23	13	33	15	44	16	58	18
U. S. Government.....	14	2	32	5	34	6	34	9	38	11
OEEC countries <sup>2</sup> .....	228	237	439	232	518	346	470	415	478	435
Direct.....	110	110	186	124	255	138	277	150	280	134
Other private.....	40	120	46	127	56	130	68	166	74	179
U. S. Government.....	78	7	207	31	207	58	125	99	124	122
OEEC dependencies.....	98	3	142	5	165	6	175	7	204	4
Direct.....	98	( <sup>1</sup> )	141	( <sup>1</sup> )	164	1	175	1	203	4
Other private.....	2	2	1	1	1	5	5	5	1	4
U. S. Government.....	1	1	1	1	1	( <sup>1</sup> )	1	1	( <sup>1</sup> )	4
Other foreign countries <sup>3</sup> .....	303	14	630	16	593	21	608	36	631	59
Direct.....	270	1	571	1	522	3	527	7	535	11
Other private.....	16	2	28	4	40	4	46	4	59	5
U. S. Government.....	17	11	31	11	31	14	35	25	37	43

<sup>1</sup> Less than \$500,000.

<sup>2</sup> Beginning 1954, represents Western Europe, i. e., includes Finland, Spain, and Yugoslavia.

<sup>3</sup> Includes international institutions.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, November 1954, August 1957, and records.

# No. 1127.—U. S. GOVERNMENT NET FOREIGN GRANTS AND CREDITS AND SHORT-TERM ASSISTANCE: 1945 TO 1957

[In millions of dollars. For grants and credits, see table 1128 and 1129. Short-term assistance is foreign currency claims acquired through the sale of agricultural commodities, less short-term liabilities for currencies advanced by foreign governments pending delivery of agricultural commodities; see table 1130]

ITEM	Total post-war period <sup>1</sup>	July 1945-Dec. 1950, total	1951	1952	1953	1954	1955	1956	1957
<b>Total</b> .....	63,868	28,341	4,637	5,043	6,353	4,942	4,560	4,916	5,076
Military supplies and services (net grants).....	21,017	1,854	1,478	2,664	4,270	3,192	2,408	2,646	2,505
Gross grants.....	21,279	1,925	1,404	2,730	4,333	3,201	2,416	2,662	2,517
Less: Reverse grants and returns.....	262	71	16	66	63	8	9	16	12
Other aid.....	42,851	26,487	3,159	2,379	2,083	1,750	2,152	2,270	2,571
Net new grants.....	32,188	18,410	3,040	1,980	1,844	1,661	1,916	1,737	1,600
Gross grants.....	33,685	19,346	3,104	2,065	1,946	1,726	1,976	1,796	1,666
Less: Reverse grants and returns.....	1,497	936	123	85	103	65	80	59	67
Net new credits.....	8,939	8,077	118	400	231	-114	-93	-26	346
New credits.....	13,763	9,537	428	825	712	387	409	484	980
Less: Principal collections.....	4,824	1,461	310	425	480	501	503	509	634
Net short-term assistance <sup>2</sup> .....	1,724	-----	-----	-----	8	203	330	558	625
Gross sales (currency claims acquired).....	3,124	-----	-----	-----	8	248	556	1,078	1,233
Less: Currencies used by U. S. Government.....	1,400	-----	-----	-----	-----	46	227	520	608

<sup>1</sup> July 1, 1945, through Dec. 31, 1957. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945).

<sup>2</sup> Short-term claims acquired by U. S. Government under agricultural sales programs, less short-term liabilities for currencies advanced by foreign governments pending delivery of agricultural commodities.

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.

# No. 1128.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1957

[In millions of dollars. Grants and credits are generally goods delivered or shipped by, services rendered by, or funds disbursed by U. S. Government to or for account of a foreign government or other foreign entity. "Reverse grants and returns" and "Principal collections" are comprised of goods, services, and funds received by U. S. Government. "Funds" includes foreign currency which, with goods and services, is measured in dollar equivalents]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945- Dec. 1950, total	1951	1952	1953	1954	1955	1956	1957
<b>TOTAL GRANTS AND CREDITS</b>									
<b>Net grants and credits.....</b>	<b>62,144</b>	<b>28,341</b>	<b>4,637</b>	<b>5,043</b>	<b>6,345</b>	<b>4,739</b>	<b>4,230</b>	<b>4,358</b>	<b>4,451</b>
Net grants.....	50,948	19,008	4,518	4,643	5,114	4,853	4,324	4,383	4,104
Gross new grants.....	54,965	21,271	4,658	4,795	6,280	4,926	4,392	4,459	4,184
Less: Prior grants converted into credits.....	2,257	1,256	---	---	1,000	---	---	1	---
Less: Reverse grants and returns.....	1,760	1,007	140	151	166	73	69	75	79
<b>Net credits.....</b>	<b>11,196</b>	<b>9,333</b>	<b>118</b>	<b>400</b>	<b>1,231</b>	<b>-114</b>	<b>-33</b>	<b>-25</b>	<b>346</b>
New credits.....	13,763	9,537	428	825	712	387	409	454	980
Plus: Prior grants converted into credits.....	2,257	1,256	---	---	1,000	---	---	1	---
Less: Principal collections.....	4,824	1,461	310	425	490	501	503	509	634
<b>MILITARY GRANTS</b>									
<b>Net grants.....</b>	<b>21,017</b>	<b>1,854</b>	<b>1,478</b>	<b>2,664</b>	<b>4,270</b>	<b>3,192</b>	<b>2,408</b>	<b>2,646</b>	<b>2,505</b>
Western Europe (excluding Greece and Turkey): Net grants.....	12,313	329	897	1,896	3,106	1,991	1,439	1,583	1,071
Near East (including Greece and Turkey) Africa, and South Asia: Net grants.....	2,930	580	186	288	331	344	338	339	523
Other Asia and Pacific: Net grants.....	5,204	930	291	383	769	701	578	643	819
American Republics: Net grants.....	359	---	64	60	34	47	31	56	66
Canada: Net grants.....	---	---	3	(2)	---	(3)	---	---	---
Unspecified areas: Net grants.....	211	15	39	36	33	20	21	25	25
<b>OTHER GRANTS AND CREDITS</b>									
<b>Net grants and credits<sup>4</sup>.....</b>	<b>41,127</b>	<b>26,487</b>	<b>3,159</b>	<b>2,379</b>	<b>2,075</b>	<b>1,547</b>	<b>1,822</b>	<b>1,712</b>	<b>1,946</b>
Net new grants.....	32,188	18,410	3,040	1,980	1,844	1,661	1,916	1,737	1,600
Net new credits.....	8,939	8,077	118	400	231	-114	-93	-26	346
<b>Western Europe (excluding Greece and Turkey) and dependent areas:<sup>5</sup></b>									
Net grants and credits <sup>4</sup> .....	24,025	18,981	2,062	1,385	859	677	503	136	322
Net new grants.....	18,508	11,871	2,195	1,266	1,008	899	698	362	207
Net new credits.....	6,417	7,109	-134	119	-149	-222	-195	-226	115
Austria: <sup>6</sup>									
Net grants and credits.....	1,038	730	147	82	36	15	3	5	19
Net grants.....	1,023	708	151	88	36	17	7	3	13
Net credits.....	15	21	-4	-5	(2)	-2	-5	2	7
Belgium-Luxembourg: <sup>5</sup>									
Net grants and credits.....	714	684	43	13	-3	-4	-7	-6	-7
Net grants.....	581	509	52	8	5	6	1	1	(2)
Net credits.....	133	176	-9	6	-8	-10	-7	-7	-7
Denmark: <sup>6</sup>									
Net grants and credits.....	280	210	58	8	7	-1	-1	1	-2
Net grants.....	234	168	59	7	8	1	(2)	(2)	(3)
Net credits.....	46	52	-1	1	-2	-2	-2	1	-2
Finland: <sup>6</sup>									
Net grants and credits.....	67	97	-3	-3	-5	-4	-4	-5	-5
Net grants.....	4	2	(2)	---	(2)	(2)	1	---	---
Net credits.....	64	95	-3	-3	-5	-5	-6	-5	-5
France: <sup>6</sup>									
Net grants and credits <sup>4</sup> .....	5,475	3,902	419	344	264	253	309	35	-52
Net new grants.....	4,188	2,225	439	269	300	443	402	100	9
Net new credits.....	1,287	1,678	-21	75	-35	-190	-93	-64	-61
Germany: <sup>6</sup>									
Net grants and credits <sup>4</sup> .....	3,891	3,288	361	103	35	72	18	23	-9
Net new grants.....	3,766	3,082	364	71	71	73	31	46	27
Net new credits.....	125	207	-3	32	-36	-2	-14	-23	-36
Iceland: <sup>6</sup>									
Net grants and credits.....	38	12	9	5	6	1	(2)	(3)	5
Net grants.....	28	10	7	4	6	1	(2)	(2)	(2)
Net credits.....	10	3	2	1	(2)	---	---	(3)	5
Ireland: <sup>6</sup>									
Net grants and credits.....	144	122	24	(2)	(2)	(2)	---	-1	-1
Net grants.....	17	3	14	(2)	(2)	(2)	---	---	---
Net credits.....	127	119	10	---	---	---	---	-1	-1

See footnotes at end of table.



No. 1128.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945  
to 1957—Continued

[In millions of dollars]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945- Dec. 1950, total	1951	1952	1953	1954	1955	1956	1957
<b>Western Europe (excl. Greece and Turkey) and dependent areas</b> †—Con.									
Italy (including Trieste): <sup>5</sup>									
Net grants and credits.....	2,872	2,085	268	175	108	83	40	53	59
Net grants.....	2,607	1,729	293	179	135	94	60	70	46
Net credits.....	265	356	-25	-4	-27	-11	-20	-17	13
Netherlands: <sup>5</sup>									
Net grants and credits <sup>4</sup> .....	1,009	913	102	44	10	-2	-22	-25	-11
Net new grants.....	843	506	142	68	22	14	-2	(2)	4
Net new credits.....	166	317	-40	-24	-12	-15	-20	-25	-15
Norway:									
Net grants and credits <sup>4</sup> .....	285	218	41	26	15	8	-1	-9	-12
Net new grants.....	216	124	45	18	10	13	3	1	(2)
Net new credits.....	69	94	-5	7	6	-5	-5	-11	-12
Portugal:									
Net grants and credits.....	74	18	20	8	5	12	4	2	5
Net grants.....	22	7	1	2	(2)	3	1	4	3
Net credits.....	53	10	19	6	5	9	2	-2	2
Spain:									
Net grants and credits.....	238	(2)	17	24	21	16	20	91	49
Net grants.....	142	(2)			1	12	28	53	47
Net credits.....	96		17	24	19	5	-8	37	1
Sweden:									
Net grants and credits.....	106	86	27	-4	-1	(2)	(2)	-1	-1
Net grants.....	87	64	27	-3	(3)	(2)	(2)		
Net credits.....	19	22	(3)	(3)	-1			-1	-1
United Kingdom: <sup>5</sup>									
Net grants and credits <sup>4</sup> .....	7,092	6,020	129	404	221	101	24	-61	255
Net new grants.....	3,296	2,096	215	403	276	153	81	47	26
Net new credits.....	3,796	3,924	-86	1	-54	-52	-57	-108	229
Yugoslavia:									
Net grants and credits <sup>4</sup> .....	811	335	120	80	98	49	76	30	23
Net new grants.....	766	299	106	77	97	60	79	33	26
Net new credits.....	45	36	15	3	1	-2	-2	-3	-3
Other <sup>6</sup> and unspecified Western Europe:									
Net grants and credits.....	790	261	279	75	43	78	45	4	6
Net grants.....	690	261	279	75	43	19	4	4	6
Net credits.....	100					59	41		
<b>Eastern Europe:</b>									
Net grants and credits <sup>4</sup> .....	1,109	1,107	-15	-4	4	7	-1	-3	14
Net new grants.....	1,031	1,011	-13		8	11	4	3	7
Net new credits.....	79	96	-1	-4	-4	-4	-5	-6	8
Czechoslovakia:									
Net grants and credits.....	191	189	(3)	(3)		1	2		
Net grants.....	186	183	(3)	(3)		1	2		
Net credits.....	5	5	(3)	(3)					
Poland:									
Net grants and credits.....	427	441	-1	-3	-4	-4	-5	-6	8
Net grants.....	365	365						(3)	(2)
Net credits.....	62	76	-1	-3	-4	-4	-5	-6	8
U. S. S. R.:									
Net grants and credits <sup>4</sup> .....	426	440	-13			(3)	(3)		
Net new grants.....	426	440	-13			(3)	(3)		
Other Eastern Europe: <sup>7</sup>									
Net grants and credits.....	65	37	(3)	(3)	8	10	2	3	6
Net grants.....	54	23			8	10	3	3	6
Net credits.....	12	14	(3)	(3)	(3)	(3)	(3)	(3)	(3)
<b>Near East and Africa:</b>									
Net grants and credits <sup>4</sup> .....	3,288	959	345	382	268	298	366	350	320
Net new grants.....	2,570	691	284	305	243	267	268	264	247
Net new credits.....	718	268	61	77	25	30	99	86	73
Egypt:									
Net grants and credits.....	77	8	1	(3)	2	3	27	28	9
Net grants.....	69	(2)	1	(2)	2	5	29	25	7
Net credits.....	8	7		-1		-1	-1	2	2
Greece:									
Net grants and credits.....	1,396	825	189	123	66	46	56	54	38
Net grants.....	1,292	726	192	129	73	51	52	44	26
Net credits.....	104	99	-2	-6	-8	-5	4	10	12
Iran:									
Net grants and credits <sup>4</sup> .....	310	14	4	11	52	65	64	56	43
Net new grants.....	235	1	2	11	52	65	34	34	36
Net new credits.....	75	13	2				30	22	7

See footnotes at end of table.

No. 1128.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945  
TO 1957—Continued  
[In millions of dollars]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945- Dec. 1950, total	1951	1952	1953	1954	1955	1956	1957
<b>Near East and Africa—Continued</b>									
Israel:									
Net grants and credits.....	465	57	66	109	49	58	43	25	57
Net grants.....	284	9	25	82	45	56	23	14	30
Net credits.....	182	48	41	27	4	2	20	11	27
Jordan:									
Net grants.....	52		1	1	4	7	14	5	20
Liberia:									
Net grants and credits.....	33	17	3	3	-2	2	2	2	5
Net grants.....	10	( <sup>2</sup> )	1	1	1	1	2	1	2
Net credits.....	24	17	2	2	-3	1	1	1	3
Libya: Net grants.....	56	( <sup>2</sup> )	( <sup>2</sup> )	2	1	4	17	13	17
Morocco:									
Net grants and credits.....	25	5	3	9	-3	-4	-2	-1	18
Net grants.....	9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8
Net credits.....	16	5	3	9	-3	-4	-3	-1	10
Rhodesia—Nyassaland:									
Net grants and credits.....	49	( <sup>2</sup> )	( <sup>2</sup> )	14	6	12	15	9	-7
Net grants.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	14	6	12	15	( <sup>2</sup> )	( <sup>2</sup> )
Net credits.....	49	( <sup>2</sup> )	( <sup>2</sup> )	14	6	12	15	9	-7
Turkey:									
Net grants and credits.....	549	91	52	59	40	47	71	107	83
Net grants.....	398	9	38	53	44	50	58	85	61
Net credits.....	151	81	14	6	-4	-3	14	22	22
Union of South Africa:									
Net grants and credits.....	26	-92	( <sup>2</sup> )	26	35	31	21	11	-5
Net grants.....	-92	-92	( <sup>2</sup> )	26	35	31	21	11	-5
Net credits.....	118	( <sup>2</sup> )	( <sup>2</sup> )	26	35	31	21	11	-5
Other <sup>2</sup> and unspecified Near East and Africa:									
Net grants and credits <sup>4</sup> .....	250	34	26	26	17	26	38	40	42
Net new grants.....	258	38	25	27	19	28	39	42	40
Net new credits.....	-8	-3	1	-1	-2	-1	-2	-1	1
<b>South Asia:</b>									
Net grants and credits <sup>4</sup> .....	825	12	127	115	132	45	182	190	21
Net new grants.....	605	-25	13	19	120	43	171	150	113
Net new credits.....	220	36	114	96	12	2	11	40	-92
Afghanistan:									
Net grants and credits.....	52	( <sup>2</sup> )	11	6	4	3	6	12	10
Net grants.....	11	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	2	2	5
Net credits.....	41		11	6	4	2	5	10	6
India:									
Net grants and credits <sup>4</sup> .....	408	13	108	94	37	29	107	83	-63
Net new grants.....	268	-25	4	11	37	29	103	62	47
Net new credits.....	140	38	104	84			4	20	-110
Pakistan:									
Net grants and credits.....	334	( <sup>2</sup> )	( <sup>2</sup> )	8	91	12	65	92	66
Net grants.....	295	( <sup>2</sup> )	( <sup>2</sup> )	1	82	12	63	82	54
Net credits.....	39			7	8		2	10	13
Other <sup>2</sup> and unspecified South Asia:									
Net grants and credits.....	31		8	7	( <sup>2</sup> )	1	3	4	8
Net grants.....	30		8	7	( <sup>2</sup> )	1	3	4	7
Net credits.....	( <sup>2</sup> )								( <sup>2</sup> )
<b>Other Asia and Pacific:</b>									
Net grants and credits <sup>4</sup> .....	8,442	4,296	506	382	398	404	657	906	892
Net new grants.....	7,850	3,993	522	331	395	355	653	792	808
Net new credits.....	592	303	-16	51	3	49	4	114	84
Burma:									
Net grants and credits.....	23	4	5	7	5	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Net grants.....	21	( <sup>2</sup> )	5	7	5	1	1	( <sup>2</sup> )	1
Net credits.....	2	4	( <sup>2</sup> )	( <sup>2</sup> )	-1	( <sup>2</sup> )	-1	( <sup>2</sup> )	( <sup>2</sup> )
Cambodia: <sup>10</sup> Net grants.....	102					( <sup>2</sup> )	28	39	34
China—Taiwan:									
Net grants and credits <sup>4</sup> .....	1,435	825	65	80	90	79	87	116	93
Net new grants.....	1,340	759	70	81	93	80	85	95	78
Net new credits.....	94	66	-5	-1	-3	-1	2	20	16
Indonesia:									
Net grants and credits.....	261	164	( <sup>2</sup> )	34	17	23	9	11	2
Net grants.....	128	84	3	4	5	6	7	9	9
Net credits.....	133	80	-3	29	11	17	2	2	-7
Japan:									
Net grants and credits.....	2,444	1,956	241	36	-2	39	14	78	83
Net grants.....	2,230	1,942	243	( <sup>2</sup> )	( <sup>2</sup> )	1	12	17	14
Net credits.....	214	14	-3	36	-3	38	2	60	69
Korea:									
Net grants and credits.....	1,982	431	118	155	206	165	237	315	355
Net grants.....	1,961	410	118	155	206	165	237	315	355
Net credits.....	21	21							

See footnotes at end of table.

No. 1128.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945  
to 1957—Continued  
[In millions of dollars]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945- Dec. 1950, total	1951	1952	1953	1954	1955	1956	1957
<b>Other Asia and Pacific—Continued</b>									
Laos: <sup>10</sup> Net grants.....	127					( <sup>2</sup> )	37	52	38
Philippines:									
Net grants and credits.....	873	758	13	10	24	9	15	16	29
Net grants.....	798	655	17	20	26	16	15	21	27
Net credits.....	75	103	-4	-11	-2	-8	-1	-4	2
Ryukyu Islands: Net grants.....	228	140	38	29	9	3	2	2	5
Thailand:									
Net grants and credits.....	108	5	5	4	5	4	14	41	30
Net grants.....	94	( <sup>3</sup> )	5	5	7	5	15	34	23
Net credits.....	14	5	( <sup>3</sup> )	-1	-1	-1	-1	7	7
Viet-Nam: <sup>10</sup>									
Net grants and credits.....	685					39	200	223	222
Net grants.....	658					39	200	198	220
Net credits.....	27							25	2
Trust Territory of the Pacific Islands:									
Net grants and credits.....	40	5	3	5	5	6	5	5	5
Net grants.....	40	5	3	5	5	6	5	5	5
Net credits.....	( <sup>2</sup> )						( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other <sup>11</sup> and unspecified Asia and Pacific:									
Net grants and credits <sup>4</sup> .....	133	5	17	23	40	36	9	6	-4
Net new grants.....	122	-5	18	24	39	33	10	3	( <sup>2</sup> )
Net new credits.....	11	10	( <sup>3</sup> )	-1	1	3	-1		-4
<b>American Republics:</b>									
Net grants and credits <sup>4</sup> .....	1,380	365	96	72	369	78	73	56	271
Net new grants.....	515	148	15	23	27	42	68	82	109
Net new credits.....	865	217	81	49	343	36	5	-26	162
Bolivia:									
Net grants and credits.....	124	24	7	5	3	16	21	20	27
Net grants.....	89	3	( <sup>2</sup> )	1	3	15	21	20	27
Net credits.....	34	21	7	4	1	2	( <sup>4</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Brazil:									
Net grants and credits.....	441	64	( <sup>2</sup> )	-1	326	30	24	-13	9
Net grants.....	37	10	1	2	3	3	6	6	7
Net credits.....	403	54	( <sup>3</sup> )	-3	323	27	18	-19	3
Chile:									
Net grants and credits.....	80	78	-3	-1	( <sup>3</sup> )	-3	-6	-3	16
Net grants.....	17	5	( <sup>2</sup> )	1	2	1	2	2	4
Net credits.....	63	74	-3	-1	-2	-5	-7	-5	13
Mexico:									
Net grants and credits.....	231	157	-6	29	18	27	-10	-8	23
Net grants.....	108	88	6	3	3	4	2	1	2
Net credits.....	123	69	-11	26	15	23	-11	-9	21
Peru:									
Net grants and credits.....	116	8	1	7	11	2	8	26	52
Net grants.....	33	4	1	2	2	2	3	8	10
Net credits.....	82	4	( <sup>3</sup> )	5	9	-1	5	18	42
Other and unspecified American Republics:									
Net grants and credits <sup>4</sup> .....	390	34	95	32	10	6	35	33	143
Net new grants.....	236	40	7	14	15	17	35	44	59
Net new credits.....	100	-5	89	18	-5	-11	( <sup>2</sup> )	-11	84
Canada: Net credits.....	-7	( <sup>3</sup> )	1	5	4	-3	-9	-5	-1
<b>Other international organizations and unspecified areas:</b>									
Net grants and credits.....	1,164	765	37	42	39	41	51	82	106
Net grants.....	1,110	720	25	36	42	43	53	84	108
Net credits.....	54	44	12	6	-2	-2	-2	-2	-2

<sup>1</sup> July 1, 1945, through December 31, 1957. All lend-lease and conversions of prior grants to credits are from V-J Day (September 2, 1945). <sup>2</sup> Less than \$500,000. <sup>3</sup> Net minus (-) of less than \$500,000.

<sup>4</sup> Net new grants have not been adjusted for settlements for postwar relief and other grants under agreements and net new credits exclude these prior grants converted into credits. Prior grants converted into credits were as follows (in millions): For July 1945 to December 1950, France, \$353; Netherlands, \$47; Norway, \$6; United Kingdom, \$562; Yugoslavia, \$1; U. S. S. R., \$222; Iran, \$9; India, \$2; China, \$50; unspecified American Republics, \$2; and less than \$0.5 for Australia and Ethiopia. For 1953, Germany, \$1,000. For 1956, unspecified American Republics, \$1. Repayments on these settlements are included in net new credits.

<sup>5</sup> Includes dependencies. Because of this inclusion of dependencies in the grouping "Western Europe," data shown for other groupings, particularly "Near East and Africa," are correspondingly understated.

<sup>6</sup> Comprises Switzerland, European Coal and Steel Community, European Payments Union, European Productivity Agency, and Organization for European Economic Cooperation.

<sup>7</sup> Comprises Albania, East Germany, and Hungary.

<sup>8</sup> Comprises Bahrain, Ethiopia-Eritrea, Ghana, Iraq, Lebanon, Saudi Arabia, Syria, Tunisia, and United Nations Relief and Works Agency for Palestine Refugees. <sup>9</sup> Comprises Ceylon and Nepal.

<sup>10</sup> Separate detail data for Cambodia, Laos, and Viet-Nam became available during 1954. For earlier periods total data are shown as Indochina. Some unspecified transactions occurred in 1955 and 1956.

<sup>11</sup> Comprises Australia, Indochina (not elsewhere shown), and New Zealand.

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.

No. 1129.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY PROGRAM:  
1945 TO 1957

[In millions of dollars. See headnote, table 1128]

PROGRAM	Total post- war period <sup>1</sup>	July 1945- Dec. 1950, total	1951	1952	1953	1954	1955	1956	1957
Net grants and credits.....	62,144	28,341	4,637	5,043	6,345	4,739	4,230	4,358	4,451
Net grants (less conversions).....	50,948	19,008	4,518	4,643	5,114	4,853	4,324	4,383	4,104
Gross new grants.....	54,965	21,271	4,658	4,795	6,280	4,926	4,302	4,459	4,184
Mutual security.....	40,339	8,662	4,179	4,603	5,893	4,755	4,112	4,214	3,921
Military aid:									
Military supplies and services.....	18,977	465	1,482	2,655	4,065	3,062	2,280	2,571	2,306
Multilateral-construction pro- gram contributions.....	449			73	91	69	84	68	04
Other aid (economic and technical):					68	56	78	109	60
Famine and other urgent relief.....	371								
Other.....	20,542	8,198	2,698	1,875	1,609	1,568	1,670	1,465	1,400
Civilian supplies.....	5,861	5,133	362	168	139	41	11	4	2
UNRRA, post-UNRRA, and in- terim aid.....	3,443	3,443							
Lend-lease.....	1,906	1,906							
Greek-Turkish aid.....	653	644	9	( <sup>2</sup> )					
Philippine rehabilitation.....	635	619	12	4	( <sup>3</sup> )	( <sup>3</sup> )			
Surplus agricultural commodities through private agencies.....	680	24	20	1	37	49	188	186	166
Military equipment loans <sup>4</sup> .....	383		3	1	178	69	52	23	57
Inter-American programs.....	201	142	9	5	5	6	4	10	19
Chinese military and naval aid.....	261	260	1						
Other.....	603	437	54	11	27	7	25	22	19
Less: Prior grants converted into credits.....	2,257	1,256			1,000				
Less: Reverse grants and returns.....	1,760	1,007	140	151	166	73	69	75	79
Mutual-security counterpart funds:									
Military aid.....	69	4	6	6	8	8	9	16	12
Other aid (economic and technical).....	940	396	110	84	103	65	60	56	67
Reverse lend-lease.....	133	133							
War-account cash settlements.....	120	120							
Return of lend-lease ships.....	490	354	23	60	53	( <sup>5</sup> )	( <sup>5</sup> )		
Return of civilian supplies.....	4	( <sup>5</sup> )		1				3	
Return of military equipment loans <sup>4</sup> .....	4			1	3	( <sup>5</sup> )			
Net credits (including conversions) <sup>5</sup> .....	11,196	9,333	118	400	1,231	-114	-93	-25	346
New credits.....	13,763	9,537	428	825	712	387	409	484	980
Export-Import Bank (for own account).....	5,446	2,732	204	478	647	276	207	233	667
Direct loans.....	5,145	2,582	222	483	645	185	165	223	630
Loans through agent banks.....	301	150	6 18	6 5	2	91	43	10	28
British loan.....	3,750	3,750							
Mutual security.....	2,492	1,068	209	334	54	94	192	229	313
Surplus property (incl. merchant ships).....	1,492	1,483	3		( <sup>3</sup> )			6	
Lend-lease (excl. settlement credits).....	71	69		2					
Other.....	513	435	13	12	11	17	10	15	1
Plus: Prior grants converted into credits.....	2,257	1,256			1,000			1	
Less: Principal collections.....	4,824	1,461	310	425	490	501	503	509	634
Export-Import Bank (for own account).....	2,675	720	134	271	311	346	308	266	318
Direct loans.....	2,842	556	130	267	307	340	213	220	308
Loans through agent banks.....	332	163	5	4	4	5	95	46	10
British loan.....	280		44	45	46	47	48	49	
Mutual security.....	94	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	14	10	11	24	34
Surplus property (incl. merchant ships).....	641	153	54	70	74	47	86	65	92
Grants converted into credits.....	152	22	21	21	17	18	19	20	13
Lend-lease (excl. settlement credits).....	308	26	7	6	6	14	13	71	163
Other.....	675	539	49	11	12	20	18	13	18

<sup>1</sup> July 1, 1945, through Dec. 31, 1957. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945).<sup>2</sup> Negative entry of less than \$500,000 results from refunds of cash aid.<sup>3</sup> Less than \$500,000.<sup>4</sup> These "loans" are essentially transfers on an indeterminate basis, generally requiring only the return of the identical item, if available. In essence, this was the requirement pertaining to wartime lend-lease transfers of waterfront, which were included as grant transfers in these data.<sup>5</sup> Outstanding credits on Dec. 31, 1957, totaled \$11,998,000,000, representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, and excluding World War I debts and U. S. Government investment in International Bank for Reconstruction and Development, International Finance Corporation, and International Monetary Fund.<sup>6</sup> Negative entry results from excess of Bank repurchases from agent banks over agent-bank disbursements.Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.

**No. 1130.—SHORT-TERM FOREIGN CLAIMS ACQUIRED THROUGH SALE OF AGRICULTURAL COMMODITIES, BY ENABLING AUTHORITY: 1953 TO 1957**

[In thousands of dollars. Claims include foreign currency deposits actually in or owing to and to be deposited to the U. S. Government account]

ITEM	Cumulative total	July 1953 to Dec. 1955	1956	1957
<b>Balance at end of period.....</b>	<b>1,688,485</b>	<b>551,422</b>	<b>1,082,766</b>	<b>1,688,485</b>
<b>Resulting from:</b>				
Gain or loss (—) by exchange rate fluctuations.....	—46,790	—878	—18,544	—27,368
Net change through transactions.....	1,735,275	552,300	549,888	633,087
Currency claims acquired through sales.....	3,124,273	812,841	1,078,420	1,233,012
Currencies advanced by foreign governments (U. S. Government liabilities) (net).....	11,205	11,024	—8,476	8,057
Less: Currencies purchased for dollars by Government agencies.....	140,801	18,309	44,970	77,522
Currencies available to Government agencies without dollar charge and expended for—				
Offshore procurement for military grants.....	70,016	26,016	13,092	30,908
Other grants.....	745,153	135,835	328,266	281,052
Credits.....	405,926	86,421	130,067	189,438
Military housing.....	26,083		1,810	24,273
Other Government operations.....	12,224	5,584	1,851	4,789
<b>By enabling authority:</b>				
Mutual Security Acts: Balance, at end of period.....	406,021	320,762	386,370	406,021
Gain or loss (—) by exchange rate fluctuations.....	—552			—552
Net change through transactions.....	406,573	320,762	65,608	20,203
Currency claims acquired through sales.....	1,292,445	514,785	472,917	304,743
Currencies advanced by foreign governments (net).....	3,163	11,024	—9,250	789
Less: Currencies available to Government agencies without dollar charge and expended for—				
Offshore procurement for military grants.....	59,045	26,016	11,446	21,583
Other grants.....	671,360	135,835	316,079	219,446
Credits.....	152,270	38,331	70,208	43,671
Other Government operations.....	6,360	5,465	266	629
<b>Agricultural Trade Development and Assistance Act:</b>				
Title I, Sales for foreign currency: Balance at end of period.....	1,274,528	215,277	685,883	1,274,528
Gain or loss (—) by exchange rate fluctuations.....	—44,133	—878	—18,544	—24,711
Net change through transactions.....	1,318,661	216,155	489,160	613,356
Currency claims acquired through sales.....	1,795,974	265,972	604,537	925,465
Currencies advanced by foreign governments (net).....	8,042		774	7,268
Less: Currencies purchased for dollars by Government agencies.....	114,988	1,608	30,134	74,246
Currencies available to Government agencies without dollar charge and expended for—				
Offshore procurement for military grants.....	10,971		1,646	9,325
Other grants.....	73,793		12,187	61,606
Credits.....	253,656	48,090	59,799	145,767
Military housing.....	26,083		1,810	24,273
Other Government operations.....	5,864	119	1,585	4,160
Title II, Famine relief and other assistance: Balance at end of period.....	1,211		958	1,211
Gain or loss (—) by exchange rate fluctuations.....	—2,105			—2,105
Net change through transactions.....	3,316		958	2,358
Currency claims acquired through sales.....	3,760		958	2,802
Less: Currencies purchased for dollars by Government agencies.....	444			444
<b>Commodity Credit Corporation charter: Balance at end of period.....</b>	<b>6,725</b>	<b>15,383</b>	<b>9,555</b>	<b>6,725</b>
Net change through transactions.....	6,725	15,383	—5,828	—2,830
Currency claims acquired through sales.....	32,094	32,084	8	2
Less: Currencies purchased for dollars by Government agencies.....	25,369	16,701	5,836	2,832

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.

**No. 1131.—MUTUAL SECURITY PROGRAM—NEW FUNDS AVAILABLE, OBLIGATIONS (INCLUDING RESERVATIONS), EXPENDITURES, AND RETURNS, BY TYPE OF AID: 1948 to 1958**

[In millions of dollars. For years ending June 30. Comprises public funds authorized and appropriated, statutory transfers, reimbursements from non-MSP accounts, and reimbursements from non-Federal sources. Excludes investment guaranty program. Data adjusted to include direct forces support with military assistance funds. Negative figures occur when the value of adjustments and refunds is greater than the value of expenditures during the period]

ITEM AND TYPE OF AID	Total, April 3, 1948– June 30, 1958	Total, April 3, 1948– June 30, 1957	1950	1951	1952	1953	1954	1955	1956	1957	1958
<b>New funds available</b> .....	48,996	46,227	5,173	7,359	7,282	6,012	4,724	2,804	2,712	3,772	2,769
Military assistance.....	24,459	23,119	1,314	5,223	5,267	4,098	3,219	949	1,024	2,022	1,340
Nonmilitary assistance.....	24,537	23,108	3,859	2,136	2,015	1,914	1,504	1,855	1,688	1,750	1,429
<b>Obligations and reservations</b> .....	(1)	44,679	4,696	7,064	7,554	4,376	4,030	5,017	2,359	3,297	(1)
Military.....	(1)	21,941	1,099	4,678	5,591	2,512	2,384	3,162	849	1,665	(1)
Nonmilitary.....	(1)	22,737	3,597	2,385	1,963	1,864	1,646	1,855	1,510	1,631	(1)
<b>Expenditures</b> .....	(1)	39,318	3,489	3,736	4,532	5,723	4,875	4,250	4,205	3,958	(1)
Military.....	(1)	18,228	52	934	2,385	3,956	3,628	2,297	2,620	2,356	(1)
Nonmilitary.....	(1)	21,090	3,437	2,802	2,148	1,767	1,247	1,953	1,585	1,601	(1)
<b>Returns or reserves for return to the Treasury</b> .....	(1)	-784	-----	-----	-----	-122	-346	-202	-63	-50	(1)
Military.....	(1)	-639	-----	-----	-----	-116	-319	-175	-14	-14	(1)
Nonmilitary.....	(1)	-145	-----	-----	-----	-6	-28	-27	-49	-36	(1)

<sup>1</sup> Not available.

Source: Department of State, International Cooperation Administration.

**No. 1132.—MUTUAL SECURITY PROGRAM—ICA AID OBLIGATIONS, BY REGION AND COUNTRY: 1948 to 1957**

[In thousands of dollars. For years ending June 30. Obligations shown represent net activity during a fiscal year (including deobligations and reobligations) irrespective of fiscal years' funds; negative figures occur when the value of adjustments and refunds is greater than the value of expenditures during the period. Excludes military assistance (OSP) from sales proceeds of surplus agricultural commodities; allocations to other agencies; allocations from Department of Defense; allocations from Department of Agriculture; commodity data for Public Law 480, Title II (except ocean freight); and trust fund accounts]

REGION AND COUNTRY	Total, 1948-1957	1948-1952 <sup>1</sup>	1953	1954	1955	1956	1957
<b>Total, all programs</b> .....	22,918,086	14,271,689	1,876,397	2,147,907	1,692,031	1,428,123	1,499,776
<b>Country and regional programs</b> .....	22,478,516	14,141,036	1,848,242	2,068,688	1,623,526	1,360,249	1,434,612
Nonregional and other programs <sup>2</sup> .....	439,570	130,653	28,155	79,219	68,503	67,876	65,164
<b>Far East</b> .....	4,192,939	474,849	218,857	1,051,259	912,431	741,361	794,182
Burma.....	19,602	10,246	12,795	-1,788	-1,126	-575	50
Cambodia.....	117,384	-----	-----	-----	38,158	44,846	34,380
Laos.....	133,662	-----	-----	-----	40,931	48,307	44,424
Viet-Nam.....	783,899	-----	-----	-----	323,594	202,036	258,260
Indochina, undistributed.....	830,440	47,037	54,095	703,022	59,906	-21,864	-11,757
China (Taiwan) <sup>4</sup> .....	849,296	347,662	105,500	111,624	131,645	69,915	82,950
Indonesian Republic.....	51,748	6,099	13,199	4,357	6,962	10,147	10,983
Japan.....	13,693	-----	-----	10,000	477	950	2,267
Korea.....	1,076,984	-----	-----	208,637	237,280	325,815	305,243
Philippines.....	169,014	47,089	17,915	14,723	28,268	28,119	32,900
Thailand.....	145,104	16,055	6,462	8,767	46,106	33,508	34,206
Burma and Indonesian Republic, undistributed.....	-----	-----	8,393	-8,393	-----	-----	-----
Inventory and regional accounts.....	2,113	661	499	309	221	157	265
<b>Near East and South Asia</b> .....	3,103,586	1,088,080	358,360	378,703	451,630	428,926	397,888
Afghanistan.....	39,365	258	2,217	2,490	1,903	18,250	14,247
Ceylon.....	11,074	11	-2	-----	-----	5,000	6,065
Egypt.....	61,678	425	12,883	3,252	42,779	2,324	16
Greece.....	895,282	706,273	81,144	21,865	33,880	26,646	25,473
India.....	399,224	57,260	44,330	87,227	85,657	59,442	65,308
Iran.....	316,203	14,934	31,877	84,365	72,829	65,081	47,118
Iraq.....	13,312	456	2,149	2,194	2,869	2,101	3,543
Israel.....	283,382	63,720	73,597	53,985	41,365	23,947	26,768
Jordan.....	53,853	4,720	2,857	10,511	7,250	7,398	21,116
Lebanon.....	34,963	1,717	2,988	8,790	7,593	2,013	11,863
Nepal.....	10,056	200	505	864	2,283	1,927	4,278
Pakistan.....	340,124	10,624	42,032	22,642	62,503	105,645	96,678
Saudi Arabia.....	2,377	254	1,718	892	-430	-76	19
Turkey.....	617,697	225,104	58,561	78,671	90,388	<sup>5</sup> 107,208	57,766
Regional.....	24,996	2,124	1,506	953	761	2,020	<sup>6</sup> 17,631

See footnotes at end of table.

**No. 1132.—MUTUAL SECURITY PROGRAM—ICA AID OBLIGATIONS, BY REGION  
AND COUNTRY: 1948 TO 1957—Continued**

[In thousands of dollars]

REGION AND COUNTRY	Total, 1948-1957	1948-1952 <sup>1</sup>	1953	1954	1955	1956	1957
<b>Africa</b>	112,233	3,784	4,567	16,937	13,467	12,551	60,928
Ethiopia	21,987	1,150	1,481	2,625	4,695	2,923	9,713
Ghana	729						729
Liberia	8,945	1,084	1,715	1,133	1,646	1,745	1,623
Libya	36,034	1,550	1,371	1,821	5,151	6,919	19,221
Morocco	20,067						20,067
Tunisia	8,489						8,489
Overseas territories	15,910			11,358	2,557	946	1,049
Regional	72				18	17	37
<b>Europe</b>	14,813,035	12,555,796	1,248,800	594,966	201,329	106,485	105,660
Austria	724,451	676,761	49,372	-2,900	591	305	322
Belgium-Luxembourg	558,706	558,609	702	-118	-1	-438	-47
Denmark	279,319	271,875	7,497	-53			
France	3,192,200	2,710,321	397,423	84,979	-159	-340	-24
Germany (Fed. Rep.)	1,469,949	1,388,984	83,642		-15	-2,667	4
Berlin	89,280			32,902	25,656	19,951	10,771
Iceland	45,555	29,200	5,450	-4	2,565	9	8,364
Ireland	146,186	146,198	-13				
Italy	1,612,830	1,474,534	103,854	19,510	15,508	97	-172
Netherlands <sup>2</sup>	1,088,063	1,082,320	2,833	3,947	-436		
Norway	274,796	253,850	21,199	-13	453	-644	-78
Portugal	49,806	50,469	-664		-1		
Spain	361,761	52,688	9,702	84,724	86,148	58,420	70,020
Sweden	106,830	107,058	-227				
Trieste	31,727	31,903	-127	-42	-6		
United Kingdom	3,828,858	3,184,670	409,533	199,974	34,700	-11	-8
Yugoslavia	380,479	109,369	122,376	61,522	42,091	29,747	14,775
Western Europe Technical							
Exchange	60,710	32,093	14,044	11,006	128	1,660	1,778
Other Europe	509,116	394,895	22,642	99,532	-7,953		
Emergency assistance for							
Hungary	365					410	-45
Regional	1,416				1,430	-14	
<b>Latin America</b>	<sup>3</sup> 256,723	18,527	17,658	26,827	44,669	70,923	75,955
Argentina	84					100	-16
Bolivia	71,171	1,496	1,323	7,517	12,764	25,254	22,817
Brazil	19,934	2,605	3,155	2,529	4,048	3,578	4,021
Chile	11,006	1,100	1,287	1,404	2,040	2,120	3,049
Colombia	6,582	738	1,000	1,240	1,219	1,293	1,092
Costa Rica	7,433	1,299	849	731	880	858	2,817
Cuba	1,994	145	217	176	463	458	534
Dominican Republic	1,445	224	340	201	271	248	161
Ecuador	10,335	1,406	1,000	1,291	1,332	1,611	3,695
El Salvador	4,400	536	722	515	755	911	961
Guatemala	42,855	205	205	183	6,656	18,177	17,429
Haiti	13,442	659	644	987	2,845	6,215	2,091
Honduras	8,916	653	712	1,056	1,201	1,119	4,176
Mexico	5,161	716	710	1,363	1,363	622	387
Nicaragua	3,920	590	637	504	902	742	545
Panama	8,540	1,320	777	1,089	1,340	1,068	2,946
Paraguay	9,576	1,577	820	1,188	1,747	1,784	2,459
Peru	15,569	1,828	1,702	2,351	2,364	2,770	4,554
Uruguay	1,450	884	191	189	357	107	222
Venezuela	829	130	100	130	194	147	125
Overseas territories	1,874			150	638	401	384
Regional	<sup>4</sup> 10,506	916	1,268	2,035	1,284	1,337	1,502

<sup>1</sup> April 3, 1948 through June 30, 1952.

<sup>2</sup> Includes \$2,164,000 for Latin America. Not distributed by country or year.

<sup>3</sup> Includes Asian Development Fund, Sugar Differential, Program Support Costs, and all Administrative and Control Act obligations.

<sup>4</sup> Includes the program for the Republic of China prior to June 5, 1950.

<sup>5</sup> Includes \$25 million advanced against 1957 program.

<sup>6</sup> Includes \$12,747,000 for Baghdad Pact and \$745,000 for ICA evacuees.

<sup>7</sup> Includes \$101 million for Indonesia for the period April 1948 through December 1949.

Source: Department of State, International Cooperation Administration; *Operations Report*, issued quarterly.

# No. 1133.—MUTUAL SECURITY PROGRAM—ICA EXPENDITURES FOR COMMODITIES, BY AREA OF SOURCE: 1957

[In thousands of dollars. For year ending June 30. Data cover total commodity expenditures by ICA under the nonmilitary aid program. Negative figures occur when the value of adjustments and refunds is greater than the value of expenditures during the period]

COMMODITY GROUP	Total expenditures	AREA OF SOURCE						
		United States	Far East	Near East, Africa, and South Asia	Europe	Latin America	Canada	Other
<b>Total commodities</b> .....	1,235,938	708,337	230,992	15,688	248,152	12,280	9,781	9,678
<b>Foodstuffs</b> .....	252,069	219,393	21,901	—	233	9,851	—	692
Bread grains.....	112,901	112,894	7	—	—	—	—	—
Sugar and related products.....	47,005	14,598	21,839	—	28	9,851	—	692
Fats and oils.....	40,104	40,096	—	—	8	—	—	—
Dairy products.....	25,335	25,135	—	—	200	—	—	—
Fruits and nuts, except peanuts.....	20,047	20,049	—	—	—3	—	—	—
Meats and fish.....	2,805	2,749	55	—	—	—	—	—
Eggs.....	2,345	2,345	—	—	—	—	—	—
Rice.....	1,260	1,260	—	—	—	—	—	—
Vegetables and preparations.....	59	59	—	—	—	—	—	—
Other edible grains and products.....	208	208	—	—	—	—	—	—
<b>Feed and fertilizer</b> .....	106,681	72,797	20,957	1,520	5,464	20	5,934	—10
Fertilizer.....	62,938	29,562	20,948	1,520	5,004	20	5,904	—10
Coarse grains.....	43,094	43,134	—	—	—40	—	—	—
Seeds, other than oilseeds.....	614	79	5	—	500	—	30	—
Feeds and fodder.....	35	32	4	—	—	—	—	—
<b>Fuel</b> .....	110,710	57,461	30,000	6,728	11,392	650	—	4,479
Petroleum and products.....	79,722	35,355	23,928	6,728	11,192	650	—	1,869
Coal and related fuels.....	30,988	22,106	6,072	—	200	—	—	2,610
<b>Cotton</b> .....	116,397	116,397	—	—	—	—	—	—
<b>Other raw materials and semi-finished products</b> .....	349,146	80,418	121,808	6,961	131,057	1,733	3,086	4,074
Fabricated basic textiles.....	96,322	7,210	66,142	1,027	21,834	3	76	29
Iron and steel mill materials and products, including ferro-alloys.....	81,403	22,998	14,648	9	42,899	—	725	120
Chemicals and related products.....	73,418	31,024	4,746	1,741	35,343	77	203	281
Nonmetallic minerals.....	24,158	1,035	18,693	74	4,235	120	—	—
Pulp and paper.....	20,741	3,825	6,124	46	9,647	—	1,073	26
Lumber and lumber manufactures.....	16,458	7,152	4,826	—	4,358	—	97	25
Nonferrous metals and products.....	15,892	2,358	4,262	1,526	6,399	341	912	95
Wool, unmanufactured.....	9,865	—	—	—	5,227	1,192	—	3,446
Hides and skins.....	3,322	3,322	—	—	—	—	—	—
Fibers, except unmanufactured cotton and wool.....	2,718	233	2,161	324	—	—	—	—
Miscellaneous fiber products.....	2,305	21	143	2,088	45	—	—	9
Leather and leather products.....	2,064	1,014	2	—	1,026	—	—	20
Naval stores.....	443	226	61	125	8	—	—	23
Metallic ores and concentrates.....	37	—	—	1	36	—	—	—
<b>Machinery and vehicles</b> .....	234,233	136,619	21,461	348	74,754	26	640	388
Machinery and equipment.....	167,726	97,014	16,833	209	52,940	3	422	310
Motor vehicles, engines, and parts.....	41,337	27,490	823	3	12,722	—	218	78
Railroad transportation equipment and parts.....	15,836	5,187	1,563	135	8,950	—	—	—
Vessels and equipment.....	7,603	5,351	2,242	1	69	—	—	—
Aircraft, engines, and parts.....	1,073	1,577	—	—	72	23	—	—
<b>Miscellaneous</b> .....	66,699	25,252	14,866	130	25,256	—	123	52
Scientific and professional instruments.....	5,907	3,055	649	—	1,302	—	—	—
Tobacco.....	649	649	—	—	—	—	—	—
Miscellaneous industrial commodities.....	58,521	20,218	14,042	130	23,954	—	123	52
Miscellaneous inedible animal and vegetable products.....	606	430	175	—	—	—	—	—
Unclassified commodities and adjustments.....	1,016	—	—	—	—	—	—	—

Source: Department of State, International Cooperation Administration; *Operations Report*, issued quarterly.



## No. 1134.—FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1936 TO 1957

[In millions of dollars]

ITEM	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1953	1954	1955	1956	1957
<b>Merchandise:</b>									
Exports (incl. reexports).....	3,220	10,051	11,829	15,333	15,774	15,110	15,547	19,090	20,810
Special Category Type 1 <sup>1</sup> .....				1,347	1,718	1,107	397	573	455
Special Category Type 2 <sup>1</sup> .....				1,059	2,191	1,574	1,315	1,616	1,527
Exports, excl. Special Category 1 <sup>1</sup> .....				12,927	11,865	12,428	13,835	16,901	18,828
U. S. merchandise.....	3,187	9,922	11,673	15,196	15,652	14,981	15,419	18,940	20,630
Reexports of foreign merchandise.....	53	129	157	137	122	129	128	150	179
<b>General imports.....</b>	<b>2,482</b>	<b>3,514</b>	<b>6,659</b>	<b>10,832</b>	<b>10,873</b>	<b>10,215</b>	<b>11,384</b>	<b>12,615</b>	<b>12,978</b>
Entered for immediate consumption.....	2,093	3,055	5,895	9,850	9,972	9,442	10,467	11,591	11,893
Entered for warehouse.....	389	459	764	982	902	773	917	1,024	1,085
<b>Excess of exports.....</b>	<b>738</b>	<b>6,537</b>	<b>5,170</b>	<b>4,501</b>	<b>4,900</b>	<b>4,894</b>	<b>4,163</b>	<b>6,475</b>	<b>7,832</b>
<b>Imports for consumption.....</b>	<b>2,440</b>	<b>3,476</b>	<b>6,584</b>	<b>10,784</b>	<b>10,779</b>	<b>10,240</b>	<b>11,337</b>	<b>12,516</b>	<b>12,921</b>
Entered for immediate consumption.....	2,093	3,055	5,895	9,850	9,972	9,442	10,467	11,591	11,893
Withdrawn from warehouse.....	347	421	688	934	807	797	869	925	1,028
Free.....	1,476	2,294	3,843	5,975	5,920	5,698	6,037	6,235	6,012
Dutiable.....	964	1,182	2,741	4,809	4,859	4,572	5,300	6,281	6,909
Percent free.....	60.48	66.00	58.37	55.41	54.95	55.33	53.26	49.82	46.53
Duties calculated <sup>1</sup> .....	365	380	439	581	584	529	633	710	746
Ratio of duties (percent): <sup>2</sup>									
To total imports for consumption.....	14.96	10.92	6.67	5.39	5.42	5.17	5.59	5.67	5.77
To dutiable imports.....	37.87	32.13	16.03	12.09	12.02	11.55	11.95	11.30	10.80
<b>Gold:</b>									
Exports.....	17	238	271	152	45	22	7	27	168
Imports.....	2,616	322	1,106	202	47	38	105	133	273
Excess of exports (+) or imports (-).....	-2,599	-83	-835	-50	-2	-16	-97	-106	-104
<b>Silver:</b>									
Exports.....	10	51	22	7	9	5	8	7	11
Imports.....	130	33	76	84	95	80	73	129	158
Excess of exports (+) or imports (-).....	-120	+18	-54	-77	-86	-75	-65	-122	-147

<sup>1</sup> Effective January 1950, exports of certain commodities were grouped into Special Categories for security reasons. Reflects changes made in list of Special Category commodities during 1957.

<sup>2</sup> Beginning 1947, data from Bureau of Customs and represent unrevised figures based on reports at time of entry.

Source: Department of Commerce, Bureau of the Census (except as noted); prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1135.—EXPORTS AND IMPORTS OF MERCHANDISE, PER CAPITA: 1901 TO 1957

[Export figures are based on exports of United States merchandise only. Import figures are based on imports for consumption. Beginning 1940, based on estimated population including Armed Forces overseas. (See tables 1136 and 1151).]

YEARLY AVERAGE	Ex-ports	Im-ports	YEAR	Ex-ports	Im-ports	YEAR	Ex-ports	Im-ports	YEAR	Ex-ports	Im-ports
1901-1910..	\$18.54	\$13.29	1930.....	\$30.24	\$24.00	1940.....	\$29.25	\$18.89	1950.....	\$65.64	\$56.58
1911-1915..	23.98	17.46	1931.....	18.86	16.57	1941.....	36.94	23.71	1951.....	94.61	68.78
1915-1920..	61.20	31.37	1932.....	12.42	10.44	1942.....	58.17	20.21	1952.....	94.07	67.19
1921-1925..	38.05	30.22	1933.....	12.90	11.22	1943.....	91.95	24.27	1953.....	96.27	66.30
1926-1930..	38.50	33.02	1934.....	16.34	12.73	1944.....	100.08	27.47	1954.....	90.59	61.92
1931-1935..	15.55	13.33	1935.....	17.33	15.75	1945.....	67.03	28.66	1955.....	91.61	67.36
1936-1940..	23.95	18.45	1936.....	18.57	18.61	1946.....	65.89	33.47	1956.....	110.61	73.09
1941-1945..	71.12	24.91	1937.....	25.16	22.96	1947.....	97.01	33.57	1957.....	118.37	74.14
1946-1950..	78.12	44.06	1938.....	23.14	14.75	1948.....	83.85	47.45			
1951-1955..	93.40	66.28	1939.....	23.44	17.08	1949.....	78.51	43.36			

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1136.—EXPORTS AND IMPORTS OF MERCHANDISE, GOLD, AND SILVER: 1901 TO 1957

[In millions of dollars. For basis of dollar values, see text, p. 865. For years ending June 30 through 1915, calendar years thereafter. For total exports and imports of merchandise by individual years since 1900, see table 1137. See also *Historical Statistics, 1789-1946*, series M 42-55]

YEARLY AVERAGE OR YEAR	TOTAL MERCHANDISE, GOLD, AND SILVER			MERCHANDISE			
	Exports	Imports	Excess of exports (+) or imports (-)	Exports			General imports
				Total	U. S. merchandise	Reexports	
1901-1910	1,741	1,271	+469	1,616	1,589	27	1,159
1911-1915	2,515	1,837	+678	2,371	2,332	39	1,712
1916-1920 <sup>1</sup>	6,898	3,805	+3,093	6,521	6,417	105	3,358
1921-1925	4,559	3,867	+692	4,397	4,310	87	3,450
1926-1930	5,078	4,349	+729	4,777	4,688	90	4,033
1931-1935	2,384	2,646	-262	2,025	1,989	36	1,713
1936-1940	3,246	5,228	-1,981	3,220	3,167	53	2,482
1941-1945	10,341	3,869	+6,472	10,051	9,922	129	3,514
1946-1950	12,123	7,841	+4,282	11,829	11,673	157	6,959
1951-1955	15,492	11,117	+4,375	15,333	15,196	137	10,832
1950	10,816	9,125	+1,691	10,275	10,142	133	8,852
1951	15,672	11,152	+4,520	15,032	14,879	153	10,967
1952	15,262	11,525	+3,737	15,201	15,049	152	10,717
1953	15,827	11,015	+4,812	15,774	15,652	122	10,873
1954	15,136	10,333	+4,803	15,110	14,981	129	10,215
1955	15,563	11,562	+4,001	15,547	15,419	128	11,384
1956	19,124	12,877	+6,247	19,090	18,940	150	12,615
1957	20,989	13,409	+7,580	20,810	20,630	179	12,978

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1137.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, WITH TRADE BALANCES: 1900 TO 1957

[In millions of dollars. For basis of dollar values, see text, p. 865. For years ending June 30 through 1915; calendar years thereafter. See also *Historical Statistics, 1789-1945*, series M 51-55]

YEAR	Ex-ports <sup>1</sup>	Im-ports <sup>1</sup>	Excess of exports (+) or imports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or imports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or imports (-)
1900	1,394	850	+545	1919	7,920	3,904	+4,016	1939	3,177	2,318	+859
1901	1,488	823	+665	1920	8,228	5,278	+2,950	1940	4,021	2,625	+1,396
1902	1,382	903	+478	1921	4,485	2,509	+1,976	1941	5,147	3,345	+1,802
1903	1,420	1,026	+394	1922	3,832	3,113	+719	1942	8,079	2,756	+5,323
1904	1,461	991	+470	1923	4,167	3,792	+375	1943	12,965	3,381	+9,583
1905	1,519	1,118	+401	1924	4,591	3,610	+981	1944	14,259	3,929	+10,330
1906	1,744	1,227	+517	1925	4,910	4,227	+683	1945	9,806	4,159	+5,646
1907	1,881	1,434	+446	1926	4,809	4,431	+378	1946	9,738	4,942	+4,796
1908	1,861	1,194	+666	1927	4,865	4,185	+681	1947	14,430	5,756	+8,673
1909	1,663	1,312	+351	1928	5,128	4,091	+1,037	1948	12,653	7,124	+5,529
1910	1,745	1,557	+188	1929	5,241	4,399	+842	1949	12,051	6,622	+5,429
1911	2,049	1,527	+522	1930	3,843	3,061	+782	1950	10,275	8,852	+1,423
1912	2,204	1,653	+551	1931	2,424	2,091	+334	1951	15,032	10,967	+4,065
1913	2,466	1,813	+653	1932	1,611	1,323	+288	1952	15,201	10,717	+4,483
1914	2,365	1,894	+471	1933	1,675	1,450	+225	1953	15,774	10,873	+4,900
1915	2,769	1,674	+1,094	1934	2,133	1,655	+478	1954	15,110	10,215	+4,894
1916	1,853	913	+940	1935	2,283	2,047	+235	1955	15,547	11,384	+4,163
1917	5,483	2,392	+3,091	1936	2,456	2,423	+33	1956	19,090	12,615	+6,475
1918	6,234	2,952	+3,281	1937	3,340	3,084	+256	1957	20,810	12,978	+7,832
	6,149	3,031	+3,118	1938	3,094	1,960	+1,134				

<sup>1</sup> Period July 1 to December 31.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1138.—EXPORTS OF U. S. MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1957

[In millions of dollars. "N. e. c." means not elsewhere classified]

COMMODITY	1936-1940, avg.	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1953	1954	1955	1956	1957
<b>Total exports of domestic merchandise</b> .....	3,167	9,922	11,673	15,196	15,652	14,981	15,419	18,940	20,630
<b>Group 00.—Animals and animal products, edible, total</b> .....	67	898	518	304	254	283	332	404	372
Animals, edible.....	(1)	2	5	10	9	13	17	17	18
Meat products.....	26	380	124	61	60	61	70	99	113
Animal oils and fats, edible <sup>2</sup> .....	17	107	84	91	59	89	80	84	77
Dairy products.....	8	182	201	94	83	81	113	153	121
Fish.....	14	31	32	20	17	16	25	23	21
Other edible animal products.....	1	197	72	27	26	23	26	27	23
<b>Group 0.—Animals and animal products, inedible, total</b> .....	46	67	155	212	202	244	277	289	299
Hides and skins, raw, except furs.....	5	1	16	37	37	54	60	59	68
Leather.....	14	20	25	20	22	22	22	21	22
Leather manufactures.....	8	27	38	23	25	23	24	25	24
Furs and manufactures.....	15	11	36	32	30	31	38	37	43
Animal oils and greases, inedible.....	1	3	28	90	78	104	121	136	132
Other inedible animals and animal products.....	3	4	13	9	8	11	11	11	10
<b>Group 1.—Vegetable food products and beverages, total</b> .....	226	418	1,610	1,552	1,416	1,219	1,442	2,020	1,952
Grains and preparations.....	105	174	1,205	1,143	1,059	750	941	1,342	1,368
Fodders and feeds.....	10	4	19	34	21	36	67	69	50
Vegetables and preparations.....	15	83	114	99	99	101	104	126	125
Fruits and nuts.....	76	88	161	139	129	171	161	230	213
Vegetable oils and fats, edible <sup>2</sup> .....	3	14	31	59	26	86	92	153	89
Cocoa and coffee.....	3	2	9	10	10	12	13	18	19
Spices.....	(1)	1	1	1	1	1	1	2	2
Sugar and related products.....	10	31	38	28	29	19	21	31	28
Beverages.....	4	21	32	39	42	42	42	50	56
<b>Group 2.—Vegetable products, inedible, except fibers and wood, total</b> .....	194	355	642	796	761	818	935	1,058	1,196
Rubber and manufactures.....	33	119	147	159	144	147	203	278	302
Naval stores, gums, and resins.....	16	14	36	35	27	38	39	39	42
Drugs, herbs, leaves, and roots, crude.....	2	2	4	3	3	3	3	4	4
Oilseeds.....	4	6	39	132	124	160	196	217	245
Vegetable oils.....	5	31	46	60	31	68	46	88	129
Vegetable dyeing and tanning extracts.....	2	1	1	1	1	1	1	1	1
Seeds except oilseeds.....	2	13	15	11	8	19	13	17	18
Nursery and greenhouse stock.....	(1)	(1)	1	2	2	3	3	4	5
Tobacco and manufactures.....	123	154	328	376	405	367	419	399	433
Miscellaneous vegetable products.....	7	16	24	16	16	12	12	12	18
<b>Group 3.—Textiles, total</b> .....	386	524	1,510	1,438	1,167	1,416	1,103	1,376	1,744
Cotton, unmanufactured.....	283	152	674	761	521	788	477	729	1,059
Cotton semimanufactures.....	13	15	49	61	57	52	51	54	60
Cotton manufactures.....	48	171	422	296	272	265	242	240	253
Jute and manufactures.....	2	4	8	6	3	3	4	4	4
Flax, hemp, and ramie, and manufactures.....	1	1	6	3	4	3	3	3	4
Other vegetable fibers and manufactures.....	1	3	1	1	1	1	2	1	2
Wool, mohair, and Angora rabbit hair, unmanufactured.....	(1)	6	6	3	3	4	6	14	15
Wool semimanufactures.....	2	6	14	22	23	28	30	28	29
Wool manufactures.....	3	73	47	11	9	9	8	8	9
Hair and manufactures.....	2	2	5	4	3	4	5	5	4
Silk manufactures.....	7	2	3	2	2	2	3	3	3
Rayon and other synthetic textiles.....	12	49	212	220	220	218	231	241	254
Miscellaneous textile products.....	12	42	62	47	48	40	43	46	49
<b>Group 4.—Wood and paper, total</b> .....	118	162	247	349	261	345	440	446	482
Wood, unmanufactured.....	5	2	7	13	11	12	17	22	19
Wood semimanufactures—sawmill products.....	43	30	69	79	65	70	89	88	89
Wood manufactures.....	10	36	39	33	29	30	38	42	45
Cork manufactures.....	2	2	4	4	3	4	4	5	5
Paper base stocks.....	18	20	19	57	28	67	97	91	103
Paper and manufactures.....	36	72	111	163	125	162	195	198	221

See footnotes at end of table.

**No. 1138.—EXPORTS OF U. S. MERCHANDISE, BY COMMODITY GROUPS:  
1936 TO 1957—Continued**

[In millions of dollars]

COMMODITY	1936- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1951- 1955, avg.	1953	1954	1955	1956	1957
<b>Group 5.—Nonmetallic minerals, total.</b>	466	848	1,176	1,418	1,274	1,215	1,425	1,815	2,156
Coal and related fuels.....	67	164	405	454	346	312	495	745	845
Petroleum and products.....	346	573	559	714	692	658	646	766	992
Stone, cement, and lime.....	3	9	18	12	13	10	11	11	10
Glass and glass products.....	10	27	58	64	66	62	74	76	80
Clays and clay products.....	9	20	42	56	52	49	63	71	75
Other nonmetallic minerals, in- cluding precious.....	32	55	93	118	105	124	137	145	154
<b>Group 6.—Metals and manufactures, except machinery and vehicles, total.</b>	477	884	1,026	1,216	1,050	1,194	1,576	2,015	2,394
Iron ore.....	3	7	12	32	32	25	37	49	49
Iron and steel semimanufactures.....	197	324	315	405	290	353	661	807	954
Steel-mill products—manufactures.....	73	219	310	207	205	163	157	268	422
Iron and steel, advanced manu- factures.....	50	116	193	292	<sup>3</sup> 306	<sup>3</sup> 303	<sup>3</sup> 344	<sup>3</sup> 409	<sup>3</sup> 452
Ferro-alloys, ores, and metals, n. e. c.....	13	7	5	5	3	3	6	8	8
Nonferrous metals, except precious.....	137	209	186	268	208	341	364	465	502
Precious metals and plated ware, except jewelry, and gold and silver in ore, bullion, and coin.....	3	2	5	6	5	6	7	8	6
<b>Group 7.—Machinery and vehicles, total.</b>	912	4,274	3,428	5,250	5,671	5,292	5,471	6,717	6,990
Electrical machinery and apparat- us.....	106	258	455	708	893	870	844	1,016	1,021
Industrial machinery.....	282	675	1,178	1,690	1,719	1,723	1,739	2,274	2,518
Office appliances.....	29	17	83	98	87	91	102	116	127
Printing machinery.....	10	4	35	34	30	37	40	40	40
Agricultural machinery and im- plements.....	<sup>3</sup> 68	<sup>3</sup> 118	99	134	138	126	123	127	133
Tractors, parts, and accessories.....								390	380
Automobiles and other vehicles, parts, and accessories.....	<sup>3</sup> 417	<sup>3</sup> 3,201	1,578	2,496	2,803	2,445	2,623	1,520	1,476
Aircraft, parts, and accessories.....								1,065	1,029
Other vehicles and parts.....								109	266
<b>Group 8.—Chemicals and related prod- ucts, total.</b>	153	400	716	945	819	1,004	1,091	1,251	1,395
Coal-tar products.....	16	33	85	67	56	76	72	79	91
Medicinal and pharmaceutical preparations.....	20	76	185	238	217	244	227	246	285
Chemical specialties.....	29	67	155	305	267	326	396	465	507
Industrial chemicals.....	33	97	119	147	119	150	161	190	219
Pigments, paints, and varnishes.....	21	25	74	96	84	105	107	111	111
Fertilizers and fertilizer materials.....	18	17	61	58	42	62	92	115	135
Explosives, fuses, etc.....	7	69	9	17	15	22	18	18	23
Soap and toilet preparations.....	9	16	28	19	19	19	20	21	24
<b>Group 9.—Miscellaneous, total.</b>	119	1,092	645	1,715	2,776	1,950	1,327	1,549	1,653
Photographic and projection goods.....	20	22	55	70	65	79	89	97	101
Scientific and professional instru- ments, apparatus, and supplies.....	13	108	68	62	58	64	68	86	108
Musical instruments.....	3	3	15	26	25	29	32	38	43
Miscellaneous office supplies.....	7	11	38	27	27	30	32	33	37
Toys, athletic and sporting goods.....	5	4	17	20	21	22	23	27	30
Ordnance and pyrotechnics.....	18	752	41	407	705	435	245	190	247
Books, maps, pictures, and other printed matter.....	22	33	64	80	81	87	93	102	110
Clocks and watches.....	3	4	10	9	9	8	7	6	6
Art works—painting and statuary.....	1	1	2	1	1	2	2	3	3
Jewelry.....	3	6	22	16	16	17	18	31	32
Miscellaneous, n. e. c.....	27	149	314	998	1,797	1,178	715	935	936

<sup>1</sup> Less than \$500,000.

<sup>2</sup> Beginning 1949, margarine included with "Vegetable oils and fats, edible"; with "Animal oils and fats, edible" in prior years.

<sup>3</sup> Includes some nonferrous articles.

<sup>4</sup> Includes a small portion of watercraft not shown separately because of security regulations.

<sup>5</sup> Tractors, parts, and accessories included with "Agricultural machinery and implements" through 1945.

<sup>6</sup> Beginning 1950, certain commodities excluded under security regulations and shown under "Miscellaneous, n. e. c."

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1139.—IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1957

[In millions of dollars. Represents imports for consumption. "N. e. c." means not elsewhere classified]

COMMODITY	1936- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1951- 1955, avg.	1953	1954	1955	1956	1957
<b>Total imports of merchandise</b> .....	<b>2, 440</b>	<b>3, 476</b>	<b>6, 584</b>	<b>10, 784</b>	<b>10, 779</b>	<b>10, 240</b>	<b>11, 337</b>	<b>12, 516</b>	<b>12, 921</b>
<b>Group 00.—Animals and animal products, edible, total</b> .....	<b>91</b>	<b>104</b>	<b>244</b>	<b>425</b>	<b>424</b>	<b>436</b>	<b>434</b>	<b>431</b>	<b>539</b>
Animals, edible.....	16	21	49	25	20	13	25	11	66
Meat products.....	28	29	63	172	172	180	163	145	184
Animal oils and fats, edible.....	1	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Dairy products.....	13	5	15	29	29	26	28	28	27
Fish.....	31	46	111	191	194	210	214	238	254
Other edible animal products.....	3	2	6	7	10	<sup>2</sup> 6	<sup>2</sup> 5	8	7
<b>Group 0.—Animals and animal products, inedible, total</b> .....	<b>170</b>	<b>237</b>	<b>361</b>	<b>301</b>	<b>270</b>	<b>246</b>	<b>287</b>	<b>310</b>	<b>303</b>
Hides and skins, raw (except furs).....	51	68	92	75	74	53	57	66	49
Leather.....	9	14	23	20	21	17	22	29	32
Leather manufactures.....	8	9	16	26	26	28	35	47	54
Furs and manufactures.....	70	108	149	85	73	72	88	86	86
Animal oils, fats, and greases, inedible.....	7	10	9	10	8	7	11	8	8
Other animals and animal products, inedible.....	27	28	72	84	60	69	73	75	74
<b>Group 1.—Vegetable food products and beverages, total</b> .....	<b>574</b>	<b>865</b>	<b>1, 699</b>	<b>2, 768</b>	<b>2, 868</b>	<b>2, 882</b>	<b>2, 683</b>	<b>2, 772</b>	<b>2, 750</b>
Grains and preparations.....	44	112	43	124	169	93	62	81	85
Fodders and feeds.....	11	16	23	44	40	39	23	23	27
Vegetables and preparations.....	19	30	53	52	67	48	45	58	67
Fruits and nuts.....	60	63	151	180	188	177	201	192	194
Vegetable oils and fats, edible.....	18	8	14	18	19	21	22	22	30
Cocoa, coffee, and tea.....	192	332	916	1, 681	1, 702	1, 833	1, 647	1, 664	1, 584
Spices.....	13	16	40	51	67	46	38	38	33
Sugar and related products.....	153	212	366	467	477	464	470	494	514
Beverages.....	65	75	93	150	158	160	175	201	217
<b>Group 2.—Vegetable products, inedible, except fibers and wood, total</b> .....	<b>394</b>	<b>370</b>	<b>734</b>	<b>897</b>	<b>729</b>	<b>628</b>	<b>809</b>	<b>770</b>	<b>734</b>
Rubber and manufactures.....	211	166	324	514	351	285	464	423	381
Gums, resins, and balsams, n. e. c.....	13	25	39	30	24	26	36	33	28
Drugs, herbs, leaves, roots, etc.....	10	17	29	32	30	32	32	30	30
Oilseeds.....	40	41	109	69	69	62	55	48	48
Vegetable oils.....	61	46	96	90	88	75	73	80	88
Dyeing and tanning materials, n. e. c.....	7	12	20	31	37	19	21	22	18
Seeds, except oilseeds.....	6	4	15	19	18	19	17	15	13
Nursery and greenhouse stock.....	3	2	9	13	14	13	13	14	15
Tobacco and manufactures.....	38	54	83	86	85	86	88	94	101
Miscellaneous vegetable products.....	5	4	10	12	13	11	10	11	12
<b>Group 3.—Textiles, total</b> .....	<b>382</b>	<b>461</b>	<b>801</b>	<b>1, 064</b>	<b>926</b>	<b>795</b>	<b>993</b>	<b>1, 027</b>	<b>982</b>
Cotton, unmanufactured.....	11	20	41	39	42	29	42	24	35
Cotton semimanufactures.....	3	3	9	9	7	8	9	7	6
Cotton manufactures.....	39	16	43	80	73	76	123	154	136
Jute and manufactures.....	47	63	134	121	103	92	106	114	112
Flax, hemp, and ramie, and manufactures.....	27	13	34	38	37	37	37	38	34
Other vegetable fiber and manufactures.....	26	42	73	106	93	72	70	73	74
Wool, including mohair, etc., unmanufactured.....	61	248	291	375	296	223	280	242	211
Wool semimanufactures.....	6	6	21	53	42	38	49	50	48
Wool manufactures.....	20	16	48	98	98	90	119	145	143
Hair and manufactures, n. e. c.....	4	8	10	9	9	7	8	11	9
Silk, unmanufactured.....	110	13	33	31	28	<sup>3</sup> 64	<sup>3</sup> 78	<sup>3</sup> 89	<sup>3</sup> 87
Silk manufactures.....	8	2	21	36	35				
Manufactures of rayon or other synthetic textiles.....	8	2	23	45	36	32	66	49	53
Miscellaneous textile products.....	11	8	20	26	29	27	26	29	33

See footnotes at end of table.

No. 1139.—IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1957—  
Continued

[In millions of dollars]

COMMODITY	1936- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1951- 1955, avg.	1953	1954	1955	1956	1957
<b>Group 4.—Wood and paper, total.....</b>	<b>262</b>	<b>323</b>	<b>866</b>	<b>1,338</b>	<b>1,302</b>	<b>1,328</b>	<b>1,495</b>	<b>1,588</b>	<b>1,466</b>
Wood, unmanufactured.....	8	11	23	29	31	27	29	30	26
Wood semimanufactures—sawmill products.....	19	50	142	252	236	252	323	306	243
Wood manufactures.....	11	12	38	91	83	102	136	144	148
Cork and manufactures.....	6	9	14	20	19	20	22	16	13
Paper base stocks.....	93	101	252	330	301	289	319	342	317
Paper and manufactures <sup>1</sup> .....	124	145	396	616	632	637	666	750	718
<b>Group 5.—Nonmetallic minerals, total.....</b>	<b>137</b>	<b>246</b>	<b>633</b>	<b>1,196</b>	<b>1,161</b>	<b>1,233</b>	<b>1,547</b>	<b>1,870</b>	<b>2,101</b>
Coal and related fuels.....	5	4	5	5	4	3	5	5	5
Petroleum and products.....	48	94	379	782	762	829	1,026	1,286	1,548
Stone, cement, lime, and gypsum.....	4	10	8	17	14	15	30	33	35
Glass and glass products.....	6	1	8	30	30	27	54	67	54
Clays and clay products.....	10	6	19	48	46	49	57	69	78
Other nonmetallic minerals.....	21	47	67	120	126	114	131	145	157
Precious stones and imitations.....	44	84	147	194	179	195	245	265	223
<b>Group 6.—Metals and manufactures, except machinery and vehicles, total.....</b>	<b>243</b>	<b>519</b>	<b>801</b>	<b>1,831</b>	<b>2,098</b>	<b>1,722</b>	<b>1,976</b>	<b>2,351</b>	<b>2,334</b>
Iron ore and concentrates.....	6	3	28	107	97	119	177	250	285
Iron and steel semimanufactures.....	5	2	36	108	133	43	58	74	58
Steel-mill products—manufactures.....	11	6	15	109	123	78	94	165	177
Iron and steel, advanced manufactures.....	3	3	6	31	27	35	47	66	78
Ferro-alloys.....	26	65	80	225	321	236	235	272	328
Nonferrous metals, except precious.....	184	427	613	1,197	1,342	1,156	1,294	1,439	1,347
Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin.....	9	14	22	54	56	54	72	83	61
<b>Group 7.—Machinery and vehicles, total.....</b>	<b>18</b>	<b>83</b>	<b>112</b>	<b>349</b>	<b>353</b>	<b>359</b>	<b>438</b>	<b>632</b>	<b>858</b>
Electrical machinery and apparatus.....	2	14	5	38	44	46	56	100	143
Industrial, office and printing machinery.....	9	10	22	117	130	121	139	180	200
Agricultural machinery and implements.....	5	6	59	84	72	73	82	75	80
Vehicles and parts.....								277	435
Automobiles.....								145	337
Aircraft.....	2	53	25	110	108	119	161	87	53
Other vehicles and parts.....								45	45
<b>Group 8.—Chemicals and related products, total.....</b>	<b>80</b>	<b>131</b>	<b>119</b>	<b>268</b>	<b>293</b>	<b>249</b>	<b>255</b>	<b>274</b>	<b>276</b>
Coal-tar chemicals.....	16	10	15	44	41	35	44	56	58
Medicinal and pharmaceutical preparations.....	5	8	7	8	6	7	7	9	12
Industrial chemicals.....	19	29	33	79	75	58	77	87	85
Pigments, paints, and varnishes.....	2	1	2	5	5	5	6	10	12
Fertilizers and materials.....	35	32	54	118	138	123	111	102	97
Explosives.....	1	49	2	9	23	15	2	2	2
Soap and toilet preparations.....	3	2	5	6	6	7	8	9	9
<b>Group 9.—Miscellaneous, total.....</b>	<b>90</b>	<b>132</b>	<b>214</b>	<b>348</b>	<b>355</b>	<b>364</b>	<b>420</b>	<b>490</b>	<b>579</b>
Photographic goods <sup>4</sup> .....	7	1	6	22	25	20	27	33	41
Scientific and professional instruments, apparatus, and supplies, n. e. c.....	2	2	3	14	13	14	19	23	29
Musical instruments.....	4	1	9	16	17	17	18	21	21
Toys, athletic and sporting goods.....	3	1	5	17	17	21	28	39	44
Firearms.....	(1)	13	1	9	10	13	9	8	8
Books and other printed matter.....	8	5	13	21	19	22	23	30	39
Clocks, watches, etc.....	10	39	57	72	85	67	66	75	75
Art works.....	19	4	20	27	22	27	42	36	44
Miscellaneous articles, n. e. c.....	37	66	99	151	148	162	188	226	276

<sup>1</sup> Less than \$500,000.<sup>2</sup> Beginning 1954, "Animal oils and fats, edible" included with "Other edible animal products."<sup>3</sup> For separate figures which exclude sample estimates see table No. 1143.<sup>4</sup> Beginning 1954, photographic paper included with "Paper and manufactures"; formerly included with "Photographic goods."Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

No. 1140.—EXPORTS OF U. S. MERCHANDISE—VALUE OF SELECTED ARTICLES:  
1901 TO 1957

[In millions of dollars. For basis of dollar values, see text p. 865. For years ending June 30 through 1915; calendar years thereafter]

YEARLY AVERAGE OR YEAR	Meat prod- ucts	Animal fats and oils <sup>1</sup>	Leather	Rye	Wheat and wheat flour	Oil cake and oil- cake meal	Fruits and nuts <sup>2</sup>	Rubber and manu- factures <sup>3</sup>	Naval stores, gums, and resins	Tobac- co, un- manu- fac- tured
1901-1910.....	102	79	28	1	124	21	16	6	17	32
1911-1915.....	81	84	45	4	173	26	32	13	22	46
1915-1920 <sup>4</sup> .....	401	167	110	52	513	22	62	46	20	140
1921-1925.....	140	144	44	39	322	25	83	39	22	165
1926-1930.....	78	116	47	15	231	24	122	67	30	145
1931-1935.....	29	37	17	( <sup>5</sup> )	39	8	85	23	15	104
1936-1940.....	26	18	14	1	56	8	76	33	16	110
1941-1945.....	380	109	20	2	105	1	88	119	14	138
1946-1950.....	124	109	25	7	872	11	161	147	36	268
1951-1955.....	61	172	20	6	688	20	139	159	35	315
1950.....	43	112	20	6	489	9	100	91	42	251
1951.....	60	214	19	12	997	22	108	143	48	325
1952.....	52	147	17	10	942	3	125	160	25	246
1953.....	60	130	22	( <sup>6</sup> )	590	10	129	144	27	341
1954.....	61	181	22	1	427	23	171	147	38	304
1955.....	70	190	22	6	483	42	161	203	39	356
1956.....	99	207	21	14	798	39	230	278	39	334
1957.....	113	198	22	8	846	24	213	302	42	359

YEARLY AVERAGE OR YEAR	Cotton, unmanu- factured	Cotton man- uac- tures <sup>7</sup>	Saw- mill prod- ucts <sup>7</sup>	Other wood manu- factures <sup>7</sup>	Coal and related fuels	Petro- leum and prod- ucts	Iron and steel- mill prod- ucts <sup>8</sup>	Copper and manu- factures	Ma- chin- ery, all classes	Auto- mobiles includ- ing en- gines and parts <sup>9</sup>
1901-1910....	387	33	43	18	32	93	44	74	96	<sup>9</sup> 6
1911-1915....	537	53	62	24	59	137	96	124	159	36
1915-1920 <sup>4</sup> ....	768	215	63	34	152	349	491	209	354	158
1921-1925....	805	133	88	28	131	406	167	130	320	177
1926-1930....	766	124	105	33	122	525	171	150	488	406
1931-1935....	367	45	39	13	52	232	63	40	212	147
1936-1940....	283	61	43	16	67	346	270	88	495	273
1941-1945....	152	185	30	36	164	573	543	79	1,073	456
1946-1950....	674	471	69	39	405	559	625	88	2,074	821
1951-1955....	761	358	79	33	454	714	<sup>10</sup> 612	158	2,886	1,083
1950.....	1,024	263	48	25	278	499	472	88	2,035	723
1951.....	1,146	478	96	37	605	783	611	101	2,615	1,191
1952.....	874	370	77	33	510	793	<sup>10</sup> 621	156	2,868	987
1953.....	521	329	65	29	346	692	<sup>10</sup> 495	117	3,013	963
1954.....	788	317	70	30	312	658	<sup>10</sup> 516	199	2,875	1,036
1955.....	477	293	89	38	495	646	<sup>10</sup> 818	218	3,067	1,233
1956.....	729	293	88	42	745	766	<sup>10</sup> 1,075	266	3,813	1,357
1957.....	1,059	314	89	45	845	992	<sup>10</sup> 1,376	299	4,146	1,306

<sup>1</sup> Includes margarine of vegetable origin through 1948. Excludes inedible fish oils. Excludes "lard com-  
pounds" beginning 1921; now classified as "vegetable cooking fats."

<sup>2</sup> Includes fruit and nut preparations.

<sup>3</sup> Natural and synthetic rubber.

<sup>4</sup> A average for period July 1, 1915, to Dec. 31, 1920.

<sup>5</sup> Less than \$500,000.

<sup>6</sup> Includes semifinufactures.

<sup>7</sup> Box, crate, and package shooks (except fruit and vegetable) included with "Other wood manufactures" begin-  
ning 1949; classified as "Sawmill products" in prior years.

<sup>8</sup> Exclusive of machinery and vehicles manufactured to military specifications beginning July 1949.

<sup>9</sup> A average for 1906-10.

<sup>10</sup> Beginning 1952, includes a small amount of nonferrous metal articles.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1141.—IMPORTS—VALUE OF SELECTED COMMODITIES: 1901 TO 1957

[In millions of dollars. For basis of dollar values, see text, p. 865. Figures represent "general imports" through 1932, "imports for consumption" thereafter. For years ending June 30 through 1915; calendar years thereafter.]

YEARLY AVERAGE OR YEAR	Hides and skins	Furs, and manu- fac- tures <sup>1</sup>	Fruits and nuts	Vege- table oils and fats, ex- pressed or ex- tracted	Coffee	Sugar <sup>2</sup>	Rub- ber, crude	Tobac- co, un- manu- fac- tured	Cotton manu- fac- tures <sup>3</sup>	Burlaps
1901-1910.....	69	18	28	11	71	85	48	21	58	19
1911-1915.....	103	19	43	27	109	118	83	32	63	31
1915-1920 <sup>4</sup> .....	202	48	62	84	165	394	192	51	66	63
1921-1925.....	93	81	75	60	206	295	193	65	87	60
1926-1930.....	118	115	85	82	282	207	294	57	64	72
1931-1935.....	40	43	48	45	141	113	75	27	34	26
1936-1940.....	51	70	60	73	138	139	206	34	42	36
1941-1945.....	68	108	63	44	266	172	149	50	19	50
1946-1950.....	92	149	151	95	732	335	311	81	52	102
1951-1955.....	75	85	180	90	1,410	411	493	83	88	90
1950.....	119	109	169	109	1,092	381	458	76	81	91
1951.....	133	114	169	108	1,362	387	809	85	81	112
1952.....	60	79	164	96	1,376	416	619	81	67	114
1953.....	74	73	188	93	1,469	425	331	82	80	76
1954.....	53	72	177	80	1,486	411	262	83	83	71
1955.....	57	88	201	75	1,357	415	442	85	132	79
1956.....	66	86	192	81	1,439	437	398	90	161	81
1957.....	49	86	194	97	1,376	458	350	96	143	81

YEARLY AVERAGE OR YEAR	Wool and mohair	Wool manu- factures <sup>3</sup> (includ- ing rags, noils, waste)	Silk, raw	Saw- mill prod- ucts	Wood pulp	Paper and manu- factures	Petro- leum and prod- ucts	Copper, includ- ing ore and manu- factures	Tin, includ- ing ore	Ferti- lizers and mate- rials
1901-1910.....	32	19	56	15	5	5	-----	30	26	21
1911-1915.....	43	23	80	18	16	13	9	46	41	40
1915-1920 <sup>4</sup> .....	170	27	214	37	43	47	31	104	74	67
1921-1925.....	102	65	348	51	67	105	92	78	59	57
1926-1930.....	79	69	368	45	86	151	133	108	89	68
1931-1935.....	19	17	115	11	60	96	51	30	44	29
1936-1940.....	61	26	109	19	78	124	48	48	85	35
1941-1945.....	248	23	13	50	84	145	94	165	78	32
1946-1950.....	201	69	32	142	217	396	370	186	149	54
1951-1955.....	375	151	29	252	283	616	782	388	218	118
1950.....	428	114	21	265	240	473	592	243	202	75
1951.....	714	152	19	229	352	544	601	280	159	102
1952.....	382	165	34	222	272	600	692	411	298	115
1953.....	296	140	26	236	263	632	762	433	271	138
1954.....	223	128	31	252	252	637	829	363	184	123
1955.....	260	168	34	323	277	666	1,026	455	179	111
1956.....	242	196	32	306	298	750	1,286	502	178	102
1957.....	211	191	25	243	273	718	1,548	384	131	97

<sup>1</sup> Includes fur hats beginning 1921; formerly classified as miscellaneous textile products.

<sup>2</sup> Includes sirups and maple sugar prior to Oct. 4, 1913.

<sup>3</sup> Includes semimanufactures.

<sup>4</sup> Average for period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.



## No. 1142.—IMPORTS—COFFEE, TEA, COCOA AND CHOCOLATE: 1901 TO 1957

[Coffee and tea imports represent imports from foreign countries and from Territories and possessions into continental United States. Reexports of coffee represent exports from continental United States to foreign countries and outlying Territories and possessions. Beginning 1956, all coffee on green coffee basis. Cocoa and chocolate figures represent general imports through 1932, imports for consumption thereafter]

YEARLY AVERAGE OR YEAR	COFFEE				TEA				COCOA AND CHOCOLATE <sup>1</sup>	
	Imports	Reex- ports	Net imports per capita	Aver- age import price	Net imports	Value	Net im- ports per capita		Imports	Value
	1,000 lb.	1,000 lb.	Pounds	Cents per lb.	1,000 lb.	\$1,000	Pounds		1,000 lb.	\$1,000
1901-1905.....	983,464	40,400	11.65	7.1	95,814	13,849	1.18		63,600	8,260
1906-1910.....	931,644	15,325	10.29	7.9	93,595	15,211	1.05		102,304	13,418
1911-1915.....	952,906	21,494	9.65	11.5	95,237	17,189	0.99		161,473	19,002
1916-1920 <sup>2</sup> .....	1,227,523	67,347	11.20	13.5	106,988	22,523	1.03		346,623	45,480
1921-1925.....	1,343,579	35,268	11.73	15.4	92,230	24,658	0.83		367,907	32,019
1926-1930.....	1,498,291	24,222	12.30	13.9	88,654	26,604	0.74		429,338	47,044
1931-1935.....	1,628,316	19,520	12.81	8.7	86,892	15,359	0.69		487,401	21,951
1936-1940.....	1,905,417	17,774	14.52	7.3	89,558	19,858	0.69		622,802	33,563
			Excl. milit- ary <sup>3</sup>	Incl. milit- ary <sup>4</sup>			Excl. milit- ary <sup>3</sup>	Incl. milit- ary <sup>4</sup>		
1941-1945.....	2,300,918	12,309	15.02	16.63	11.5	81,121	25,527	0.58	568,728	39,022
1946-1950.....	2,673,293	43,673	13.12	18.08	27.6	89,396	39,424	0.58	626,754	143,015
1951-1955.....	2,606,375	27,731	16.04	16.24	54.6	100,729	50,344	0.65	629,893	219,803
1950.....	2,441,910	16,784	16.30	16.48	44.6	113,376	53,099	0.64	711,751	176,147
1951.....	2,687,251	20,097	16.52	17.35	50.5	85,928	40,033	0.65	661,166	211,200
1952.....	2,685,832	22,429	16.74	16.79	51.3	92,635	38,709	0.63	626,517	193,162
1953.....	2,787,082	29,456	16.89	16.92	52.7	107,517	47,140	0.67	639,791	185,467
1954.....	2,270,034	30,860	14.68	14.71	65.7	113,973	61,811	0.68	617,175	234,728
1955.....	2,601,676	35,812	15.37	15.41	52.6	103,591	64,028	0.64	604,667	224,460
1956.....	2,816,564	60,217	15.81	15.90	51.2	100,267	50,609	0.62	656,088	173,372
1957.....	2,761,973	73,653	15.65	15.58	49.8	101,202	49,820	0.60	607,613	157,128

<sup>1</sup> Includes prepared except confectionery.

<sup>2</sup> Average, July 1, 1915, to Dec. 31, 1920.

<sup>3</sup> Represents civilian consumption per capita, calculation of which excludes amounts allotted to military population, and takes into account changes in stock.

<sup>4</sup> Comprises civilian population and military population in the U. S. and abroad.

Source: Department of Commerce, Business and Defense Services Administration and Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1143.—IMPORTS AND EXPORTS—SILK AND SILK MANUFACTURES: 1901 TO 1957

[Quantity in thousands of pounds; value in thousands of dollars, except average price per pound]

YEARLY AVERAGE <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>			SILK MANUFAC- TURES, VALUE		YEAR <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>			SILK MANUFAC- TURES, VALUE	
	Quan- tity	Value	Aver- age price per pound	Im- ports <sup>3</sup>	Ex- ports (excl. reex- ports) <sup>4</sup>		Quan- tity	Value	Aver- age price per pound	Im- ports <sup>2</sup>	Ex- ports (excl. reex- ports) <sup>4</sup>
1901-1905.....	15,798	45,968	\$2.91	32,215	425	1950.....	10,543	21,151	\$2.01	33,881	1,985
1906-1910.....	20,281	67,414	3.32	33,725	835	1951.....	7,226	21,090	2.92	37,478	2,144
1911-1915.....	30,190	82,703	2.74	28,306	2,210	1952.....	12,586	37,353	2.97	34,548	2,603
1916-1920.....	45,641	235,332	5.16	47,121	16,735	1953.....	7,865	23,320	3.60	34,944	2,220
1921-1925.....	62,030	356,287	5.74	40,941	12,992	1954.....	8,519	32,073	3.76	30,805	2,401
1926-1930.....	86,458	374,715	4.33	36,383	17,293	1955.....	10,953	35,625	3.25	41,344	2,625
1931-1935.....	74,569	115,883	1.55	8,595	5,954	1956.....	12,745	36,437	2.86	51,303	2,985
1936-1940.....	58,326	109,947	1.89	8,250	6,838	1957.....	8,322	27,206	3.27	57,586	3,105
1941-1945.....	5,521	13,021	1.18	2,223	1,702						
1946-1950.....	8,132	32,648	4.01	20,708	2,947						
1951-1955.....	9,430	30,898	3.28	35,884	2,399						

<sup>1</sup> Fiscal years through 1915; calendar years thereafter.

<sup>2</sup> General imports through 1932; imports for consumption thereafter.

<sup>3</sup> Includes artificial silk prior to 1911.

<sup>4</sup> Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and FOA; Civilian Supply shipments are included in 1948 and subsequent years only.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

No. 1144.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS, BY ECONOMIC CLASSES:  
1901 to 1957

[In millions of dollars. For basis of dollar values, see text, p. 865. For years ending June 30 through 1915; calendar years thereafter, except as noted. For articles covered by each class, see *Foreign Commerce and Navigation of the United States*. See also *Historical Statistics, 1789-1945*, series M 56-67]

YEARLY AVERAGE OR YEAR	Total	Crude materials	Crude foodstuffs	Manu- factured foodstuffs <sup>1</sup>	Semi-manu- factures <sup>2</sup>	Finished manu- factures <sup>2</sup>
<b>EXPORTS OF U. S. MERCHANDISE</b>						
1901-1910.....	1,589	493	165	317	205	409
1911-1915.....	2,332	717	206	334	359	716
1915-1920 <sup>3</sup> .....	6,417	1,169	588	1,133	987	2,540
1921-1925.....	4,310	1,187	420	601	537	1,566
1926-1930.....	4,688	1,144	300	456	663	2,126
1931-1935.....	1,989	601	77	176	289	847
1936-1940.....	3,167	603	119	175	611	1,658
1941-1945.....	9,922	573	165	1,177	931	7,075
1946-1950.....	11,673	1,630	973	1,198	1,295	6,576
1951-1955.....	15,196	1,977	1,081	844	1,767	9,527
1950.....	10,142	1,886	760	634	1,121	5,741
1951.....	14,879	2,471	1,401	881	1,665	8,462
1952.....	15,049	1,982	1,369	736	1,619	9,341
1953.....	15,652	1,626	962	759	1,423	10,881
1954.....	14,981	1,899	741	832	1,819	9,091
1955.....	15,419	1,907	930	1,012	2,309	9,200
1956.....	18,940	2,515	1,332	1,264	2,775	11,054
1957.....	20,630	3,109	1,330	1,168	3,237	11,786
<b>IMPORTS<sup>4</sup></b>						
1901-1910.....	1,159	395	137	139	201	237
1911-1915.....	1,712	598	219	215	297	383
1915-1920 <sup>2</sup> .....	3,358	1,348	408	545	574	484
1921-1925.....	3,450	1,290	383	448	609	720
1926-1930.....	4,033	1,484	507	398	762	882
1931-1935.....	1,704	493	266	234	319	393
1936-1940.....	2,440	807	320	346	511	457
1941-1945.....	3,476	1,147	569	400	735	624
1946-1950.....	6,584	1,992	1,237	706	1,471	1,178
1951-1955.....	10,784	2,835	2,106	1,089	2,558	2,196
1950.....	8,743	2,465	1,750	898	2,126	1,504
1951.....	10,817	3,365	2,077	1,022	2,459	1,896
1952.....	10,747	2,937	2,068	1,083	2,566	2,094
1953.....	10,779	2,613	2,185	1,108	2,678	2,194
1954.....	10,240	2,413	2,200	1,117	2,313	2,196
1955.....	11,337	2,845	1,998	1,118	2,777	2,599
1956.....	12,516	3,087	2,036	1,167	3,005	3,221
1957.....	12,921	3,186	2,019	1,268	2,920	3,527

<sup>1</sup> Includes beverages and, beginning 1941, exports include private relief shipments of foodstuffs.

<sup>2</sup> For security reasons, a small amount of semimanufactures included with finished manufactures beginning 1950.

<sup>3</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>4</sup> "General imports" through 1932, "imports for consumption" thereafter.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

**No. 1145.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS, BY ECONOMIC CLASSES—**  
**PERCENT DISTRIBUTION: 1901 TO 1957**  
 [Percentages based on figures shown in table 1144]

YEARLY AVERAGE OR YEAR	PERCENT OF TOTAL EXPORTS OF U. S. MERCHANDISE					PERCENT OF TOTAL IMPORTS <sup>3</sup>				
	Crude mate- rials	Crude food- stuffs	Manu- fac- tured food stuffs <sup>1</sup>	Semi- manu- fac- tures <sup>2</sup>	Fin- ished manu- fac- tures <sup>2</sup>	Crude mate- rials	Crude food- stuffs	Manu- fac- tured food- stuffs	Semi- manu- fac- tures	Fin- ished manu- fac- tures
1901-1910.....	30.98	10.55	20.14	12.77	25.57	34.07	11.80	12.04	17.32	24.77
1911-1915.....	30.74	8.83	14.32	15.41	30.70	34.91	12.80	12.56	17.37	22.36
1915-1920 <sup>4</sup> .....	18.22	9.16	17.66	15.39	39.58	40.13	12.15	16.21	17.10	14.40
1921-1925.....	27.54	9.74	13.93	12.45	36.33	37.40	11.09	12.99	17.66	20.86
1926-1930.....	24.40	6.40	9.72	14.14	45.35	36.80	12.56	9.88	18.89	21.88
1931-1935.....	30.23	3.85	8.83	14.51	42.57	28.91	15.61	13.73	18.72	23.03
1936-1940.....	19.05	3.77	5.53	19.30	52.36	33.08	13.10	14.16	20.94	18.72
1941-1945.....	5.78	1.87	11.86	9.39	71.31	33.01	16.36	11.51	21.15	17.97
1946-1950.....	13.96	8.33	10.27	11.10	56.34	30.26	18.79	10.72	22.34	17.89
1951-1955.....	13.01	7.11	5.55	11.63	62.69	26.29	19.53	10.10	23.72	20.36
1950.....	18.60	7.49	6.25	11.05	56.61	28.20	20.01	10.28	24.31	17.20
1951.....	16.61	9.42	5.92	11.19	56.37	31.10	19.20	9.44	22.73	17.53
1952.....	13.17	9.10	4.89	10.76	62.08	27.33	19.24	10.07	23.87	19.48
1953.....	10.39	6.15	4.85	9.09	69.52	24.24	20.28	10.28	24.85	20.36
1954.....	12.67	4.94	5.55	12.14	64.69	23.57	21.49	10.91	22.69	21.45
1955.....	12.37	6.03	6.57	14.97	60.06	25.10	17.63	9.86	24.49	22.92
1956.....	13.28	7.04	6.67	14.65	58.36	24.66	16.27	9.32	24.01	25.74
1957.....	15.07	6.45	5.66	15.69	57.13	24.66	15.63	9.82	22.60	27.29

<sup>1</sup> See footnote 1, table 1144.    <sup>2</sup> See footnote 2, table 1144.

<sup>3</sup> See footnote 4, table 1144.    <sup>4</sup> See footnote 3, table 1144.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

**No. 1146.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS—INDEXES OF QUANTITY,  
 UNIT VALUE (PRICE), AND TOTAL VALUE: 1941 TO 1957**

[1923-25 average=100. Quantity and unit value indexes were constructed on a preceding year base and chained into the series shown below. The calculations were made in accordance with Fisher's "ideal formula," using both the weights of the given year and those of the preceding (or base) year. Commodities not directly entering the calculations were taken into account in the weighting, within the several economic classes of merchandise, on the basis of certain assumptions regarding similarity of their price movements to price changes of selected commodities specifically covered.]

ITEM	1941-45 avg.	1946-50 avg.	1951-55 avg.	1950	1953	1954	1955	1956	1957 (prel.)
<b>EXPORTS OF U. S. MERCHANDISE</b>									
Quantity.....	229	213	248	188	256	248	253	299	314
Crude materials.....	63	119	121	127	104	120	121	160	196
Crude foodstuffs.....	59	236	281	217	242	209	271	385	383
Manufactured foodstuffs <sup>1</sup> .....	185	149	111	99	98	107	143	182	161
Semimanufactures.....	153	157	173	133	143	184	219	237	283
Finished manufactures.....	422	334	431	291	490	441	415	476	476
Unit value.....	97	123	137	121	137	135	137	142	147
Crude materials.....	69	104	124	112	118	120	120	119	120
Crude foodstuffs.....	86	128	119	109	123	110	106	107	108
Manufactured foodstuffs <sup>1</sup> .....	110	139	132	111	135	135	123	120	120
Semimanufactures.....	100	135	167	138	163	162	172	191	187
Finished manufactures.....	102	120	135	121	136	134	136	142	151
Value.....	222	261	340	227	350	335	345	424	462
Crude materials.....	43	123	150	143	123	144	144	190	235
Crude foodstuffs.....	51	301	335	235	298	230	288	413	412
Manufactured foodstuffs <sup>1</sup> .....	204	208	140	110	132	144	176	219	262
Semimanufactures.....	152	212	289	183	233	297	377	453	529
Finished manufactures.....	432	402	582	351	665	592	506	676	720
<b>IMPORTS FOR CONSUMPTION</b>									
Quantity.....	117	141	176	168	182	169	188	203	208
Crude materials.....	110	142	153	157	153	146	163	173	172
Crude foodstuffs.....	152	148	156	153	167	141	149	157	159
Manufactured foodstuffs <sup>1</sup> .....	127	146	204	183	206	211	213	222	231
Semimanufactures.....	115	154	212	219	227	201	224	228	225
Finished manufactures.....	98	112	177	139	177	178	214	260	279
Unit value.....	77	122	161	136	155	158	158	161	163
Crude materials.....	71	95	126	106	115	112	118	121	125
Crude foodstuffs.....	88	196	317	268	306	366	314	303	298
Manufactured foodstuffs <sup>1</sup> .....	67	103	113	104	114	112	111	112	117
Semimanufactures.....	90	135	171	138	167	163	176	187	184
Finished manufactures.....	84	138	163	143	163	163	160	163	166
Value.....	91	172	282	228	282	268	296	327	338
Crude materials.....	78	135	192	167	177	163	193	200	216
Crude foodstuffs.....	133	290	494	410	513	516	469	478	474
Manufactured foodstuffs <sup>1</sup> .....	85	150	231	191	235	237	237	247	269
Semimanufactures.....	104	208	362	301	379	327	393	425	413
Finished manufactures.....	82	155	289	198	289	289	342	423	464

<sup>1</sup> Includes beverages; exports include private relief shipments of foodstuffs.

Source: Department of Commerce, Bureau of Foreign Commerce.

## No. 1147.—VALUE OF EXPORTS AND IMPORTS OF

[In millions of dollars. Data refer to exports]

	COMMODITY	1955					
		Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas
1	<b>EXPORTS</b>						
	<b>Total<sup>3</sup>.....</b>	13,837.9	3,234.6	3,228.4	4,186.6	2,038.1	1,150.2
	<b>Agricultural commodities:</b>						
2	Grains and preparations.....	941.0	19.9	116.8	536.8	191.9	75.6
3	Foodstuffs other than grains, fats, and oils <sup>4</sup> .....	806.2	175.8	165.9	271.7	120.7	72.1
4	Fats, oils, and oil seeds <sup>5</sup> .....	535.5	37.4	79.5	293.3	102.2	23.1
5	Cotton, unmanufactured.....	477.2	37.2	6.8	239.0	188.0	6.2
6	Tobacco and manufactures <sup>6</sup> .....	419.1	3.1	21.5	269.3	92.0	33.2
	<b>Nonagricultural commodities:</b>						
7	Machinery, total <sup>7</sup> .....	2,888.7	897.5	820.1	530.2	364.8	276.2
8	Electrical apparatus <sup>8</sup> .....	648.7	236.7	192.1	81.1	81.4	57.5
9	Industrial machinery.....	1,630.2	461.9	463.9	346.5	214.0	143.9
10	Agricultural implements.....	122.6	56.6	33.4	8.3	7.9	16.4
11	Tractors, parts, and accessories <sup>9</sup> .....	345.3	106.3	98.1	44.7	44.9	51.2
12	Automobiles, parts, and accessories <sup>2</sup> .....	1,230.6	362.1	418.2	152.7	106.4	200.1
13	Chemicals and related products <sup>3</sup> .....	1,078.2	219.1	356.4	267.7	172.2	62.9
14	Textile manufactures.....	619.7	133.9	165.5	93.0	127.4	99.9
15	Iron and steel-mill products <sup>4</sup> .....	817.7	173.7	164.6	341.9	99.6	37.9
16	Petroleum products <sup>5</sup> .....	527.1	110.9	165.1	115.3	80.1	55.6
17	Coal and related products.....	495.0	183.7	16.1	258.4	34.5	2.3
18	Copper and copper base alloys <sup>6</sup> .....	221.8	6.7	21.3	179.2	13.5	1.1
19	Other agricultural and nonagricultural including reexports.....	2,771.1	873.6	710.6	638.1	344.8	204.0
	<b>IMPORTS</b>						
20	<b>General imports, total.....</b>	11,384.4	2,653.4	3,328.0	2,391.4	1,781.2	1,230.4
21	Warehouse entries, excess of <sup>10</sup> .....	47.6	5.0	17.5	6.2	16.6	2.3
22	<b>Imports for consumption, total.....</b>	11,336.8	2,648.4	3,310.5	2,385.2	1,764.6	1,228.1
	<b>Agricultural commodities:</b>						
23	Coffee.....	1,356.8	-----	1,228.4	.2	.8	127.4
24	Cocoa.....	184.9	-----	93.9	.5	1.1	89.4
25	Cane sugar.....	415.1	(11)	304.5	.2	110.3	-----
26	Other foodstuffs <sup>12</sup> .....	946.1	195.5	226.8	308.4	148.7	57.8
27	Crude rubber.....	442.4	-----	.6	.2	404.6	37.0
28	Wool, unmanufactured.....	260.4	.4	72.9	15.7	116.1	55.3
	<b>Nonagricultural commodities:</b>						
29	Nonferrous metals and ferroalloys.....	1,528.5	415.7	405.0	252.4	219.6	232.2
30	Paper and paper materials.....	985.0	894.1	.2	81.6	5.6	.3
31	Petroleum and products.....	1,026.4	44.5	548.0	(11)	26.2	407.6
32	Textile manufactures.....	585.4	7.4	30.3	299.7	225.4	11.1
33	Machinery, electrical and other.....	277.2	92.4	.3	161.9	17.3	.3
34	Automobiles, including parts.....	84.8	8.6	(11)	76.1	(11)	(11)
35	Sawmill products.....	322.9	285.7	17.0	(11)	16.1	3.4
36	Chemicals and related products.....	255.1	87.8	32.0	112.2	6.4	15.3
37	Iron and steel-mill products <sup>8</sup> .....	151.3	36.3	.4	99.4	13.8	.4
38	Other agricultural and nonagricultural imports.....	2,514.2	549.2	340.2	924.4	440.7	186.1

<sup>1</sup> Includes Greece and Turkey.<sup>2</sup> Comprises Southern, Southeastern, and Eastern Asia, and Australia and other Oceania.<sup>3</sup> Commodities from which security regulations were removed in 1957, particularly, heavy tractors and petroleum products except aviation, are included for all years; however, other "Special Category" exports remaining under security restrictions throughout 1957 are excluded.<sup>4</sup> Includes relatively small amounts of confectionery and distilled spirits, not classed as agricultural. Also includes relief food exports.<sup>5</sup> Includes animal and vegetable oils; also a relatively small amount of essential oils, not classed as agricultural.<sup>6</sup> Includes cigarettes, etc., not classed as agricultural.

## LEADING COMMODITIES, BY AREAS: 1955 TO 1957

of U. S. merchandise and imports for consumption]

1956						1957						
Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas	Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas	
16,900.8	4,015.8	3,768.3	5,172.6	2,624.1	1,320.0	18,828.2	3,904.8	4,553.4	5,689.2	3,239.8	1,441.0	1
1,341.6	23.8	180.5	695.9	316.9	124.5	1,268.0	25.6	230.2	537.9	462.6	111.8	2
996.3	222.1	168.1	384.5	159.1	62.4	944.0	218.7	181.2	325.9	159.8	68.5	3
678.6	47.9	96.1	404.4	95.5	34.6	671.9	47.7	72.2	339.7	115.1	47.2	4
729.1	30.1	20.1	399.3	269.4	10.1	1,058.6	43.3	31.2	311.8	336.9	35.4	5
399.4	3.2	25.8	263.4	75.4	31.6	432.7	3.8	28.7	284.2	82.9	33.1	6
3,578.1	1,173.2	985.7	632.4	456.2	330.6	3,970.0	1,116.5	1,252.9	680.5	562.5	357.5	7
753.3	265.2	241.8	96.5	91.0	58.7	810.3	246.3	277.3	110.9	114.1	61.6	8
2,152.3	662.6	577.8	431.2	284.1	196.7	2,479.8	647.2	781.8	468.3	362.1	220.6	9
126.6	64.3	31.7	9.3	7.3	14.0	132.8	67.3	35.3	9.1	6.8	14.4	10
389.9	137.2	103.5	44.0	51.1	54.0	379.8	108.6	121.5	40.0	55.0	54.7	11
1,359.0	445.8	475.7	126.8	114.9	195.8	1,306.0	365.4	559.2	96.8	112.0	172.6	12
1,238.7	245.0	401.9	308.7	213.6	69.4	1,376.1	246.1	444.6	352.9	249.8	82.7	13
333.6	144.7	173.5	107.2	109.6	98.6	669.9	148.8	174.6	118.5	120.0	108.0	14
1,075.1	314.8	224.1	280.0	218.2	37.0	1,376.2	312.8	341.6	334.6	337.2	50.1	15
651.9	118.7	166.0	209.3	86.8	71.1	871.2	132.9	174.9	364.5	111.2	86.6	16
745.5	227.5	31.9	445.2	37.2	3.7	844.7	207.2	29.0	538.0	64.2	6.2	17
275.5	11.5	22.2	169.7	69.9	2.2	304.3	9.6	26.0	189.5	77.3	1.9	18
3,198.4	1,007.5	796.7	745.8	401.4	247.5	3,634.6	1,026.4	1,007.1	864.4	448.3	289.4	19
12,615.0	2,893.6	3,639.3	2,889.9	1,891.9	1,300.3	12,978.1	2,904.3	3,768.3	3,073.7	1,941.5	1,290.3	20
99.2	23.5	21.6	25.6	17.8	10.7	57.1	-12.3	3.3	67.2	15.4	-16.5	21
12,515.8	2,870.1	3,617.7	2,864.3	1,874.1	1,289.6	12,921.0	2,916.6	3,765.0	3,066.5	1,926.1	1,306.8	22
1,438.9	-----	1,301.7	-----	2.7	134.6	1,375.7	-----	1,207.1	-----	4.6	164.1	23
144.4	-----	66.6	-----	7	77.2	134.7	-----	69.0	-----	.1	65.2	24
436.7	(U)	330.7	.1	105.9	-----	458.3	-----	356.1	.5	101.6	(U)	25
945.4	218.1	214.2	315.5	133.2	55.1	1,055.6	259.4	240.9	335.6	154.4	64.5	26
398.1	-----	.6	.1	357.3	40.1	349.7	-----	.4	(U)	312.0	37.2	27
242.4	.2	73.2	16.4	105.9	46.6	210.7	.4	59.4	14.4	93.8	42.8	28
1,710.9	436.1	483.2	307.9	261.0	218.5	1,674.9	458.2	446.8	280.3	250.7	235.5	29
1,092.1	957.8	.3	120.2	8.7	.9	1,035.6	938.8	.2	83.6	7.5	1.3	30
1,286.0	121.0	663.9	4	31.4	469.0	1,548.1	158.0	837.7	1.5	70.8	479.8	31
648.4	8.7	34.3	300.7	279.9	11.6	635.1	7.9	30.7	289.7	282.6	9.1	32
355.3	93.2	.3	230.7	24.5	1.0	423.4	102.7	.4	272.1	40.2	1.1	33
144.6	3.9	(U)	140.6	.1	(U)	337.0	4.1	(U)	331.8	.8	.3	34
306.0	263.1	14.2	.1	17.8	4.8	243.4	212.5	14.1	.1	13.2	1.6	35
274.2	89.8	30.4	124.1	6.5	21.8	275.6	82.8	40.6	125.0	6.7	18.6	36
240.0	36.5	4.2	184.6	13.1	.6	234.9	32.7	2.7	185.4	11.7	1.2	37
2,852.4	604.4	389.5	1,064.6	509.5	206.9	2,928.3	623.5	447.3	1,020.5	556.3	184.5	38

<sup>1</sup> Includes printing and bookbinding machinery and office appliances not shown separately.<sup>2</sup> Includes scrap.<sup>3</sup> Data by area for petroleum and "all other" exports and for most of the import commodities do not add exactly to totals shown owing to limitations of the available estimates for low-valued merchandise.<sup>4</sup> Minus sign (-) denotes excess of withdrawals for consumption over entries into warehouse.<sup>5</sup> Less than \$50,000.<sup>6</sup> Includes a few items not classed as agricultural, especially distilled spirits, imported chiefly from United Kingdom and Canada, which were valued at \$137 million in 1955, \$156 million in 1956, and \$166 million in 1957.

Source: Department of Commerce, Bureau of Foreign Commerce.

# No. 1148.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY CONTINENTS: 1901 TO 1957

[In millions of dollars. For basis of dollar values, see text, p. 865. For years ending June 30 through 1915; calendar years thereafter, except as noted. Philippine Islands included with Asia for all years; Turkey in Europe is with Asia from 1926 through 1951 and with Europe thereafter; and U. S. S. R. in Asia is with Europe beginning 1924. See also *Historical Statistics, 1789-1945*, series M 87-102]

YEARLY AVERAGE OR YEAR	Total	NORTH AMERICA		South America	Europe	Asia	Australia and Oceania	Africa
		Northern	Southern					
EXPORTS								
1901-1910.....	1,616	153	126	64	1,132	87	31	23
1911-1915.....	2,371	337	182	122	1,517	133	52	27
1915-1920 <sup>1</sup> .....	6,521	780	503	361	4,124	562	109	82
1921-1925.....	4,397	627	445	297	2,318	499	141	70
1926-1930.....	4,777	830	403	448	2,237	573	177	110
1931-1935.....	2,025	300	162	141	960	350	49	62
1936-1940.....	3,220	522	291	317	1,333	535	89	132
1941-1945.....	10,051	1,297	575	500	5,674	799	364	842
1946-1950 <sup>2</sup> .....	11,829	1,896	1,403	1,670	4,127	1,833	186	617
1951-1955 <sup>2</sup> .....	15,333	2,886	1,680	1,812	3,598	2,124	241	586
1950 <sup>2</sup> .....	10,275	2,001	1,436	1,376	2,989	1,476	146	368
1951 <sup>2</sup> .....	15,032	2,597	1,726	2,115	4,150	2,228	261	607
1952 <sup>2</sup> .....	15,201	2,810	1,726	1,882	3,387	2,176	244	596
1953 <sup>2</sup> .....	15,774	3,011	1,603	1,573	2,910	2,061	181	525
1954 <sup>2</sup> .....	15,110	2,778	1,619	1,815	3,409	1,970	248	590
1955 <sup>2</sup> .....	15,547	3,235	1,725	1,674	4,198	2,121	270	612
1956 <sup>2</sup> .....	19,090	4,016	2,001	1,992	5,190	2,781	245	676
1957 <sup>2</sup> .....	20,810	3,905	2,202	2,613	5,780	3,367	279	681
IMPORTS								
1901-1910.....	1,159	66	155	139	594	177	13	14
1911-1915.....	1,712	131	249	220	798	271	19	24
1915-1920 <sup>1</sup> .....	3,358	425	588	591	682	910	70	91
1921-1925.....	3,450	397	514	421	1,050	943	54	71
1926-1930.....	4,633	480	460	546	1,207	1,196	53	91
1931-1935.....	1,713	236	177	244	516	491	16	32
1936-1940.....	2,482	369	246	338	627	785	36	81
1941-1945.....	3,514	953	589	801	288	478	187	218
1946-1950.....	6,659	1,429	955	1,479	1,012	1,245	167	372
1951-1955.....	10,332	2,433	1,298	2,294	2,189	1,768	247	603
1950.....	8,852	1,962	1,139	1,963	1,387	1,699	208	494
1951.....	10,967	2,278	1,221	2,327	2,043	2,059	451	589
1952.....	10,717	2,390	1,352	2,284	2,029	1,813	243	607
1953.....	10,873	2,463	1,277	2,377	2,335	1,626	201	593
1954.....	10,215	2,378	1,259	2,258	2,083	1,467	165	605
1955.....	11,384	2,655	1,383	2,224	2,453	1,876	174	619
1956.....	12,615	2,895	1,444	2,517	2,963	1,996	203	597
1957.....	12,978	2,906	1,566	2,573	3,143	1,988	216	586

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Total includes amounts not shown by continents for security reasons as follows (in millions): 1950, \$484; 1951, \$1,348; 1952, \$2,379; 1953, \$3,909; 1954, \$2,681; 1955, \$1,712; 1956, \$2,189; 1957, \$1,982. The figures in this table reflect changes made during 1957 in the list of commodities required to be grouped for security reasons.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

# No. 1149.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE, BY SELECTED CUSTOMS DISTRICTS: 1901 TO 1957

[In millions of dollars. For basis of dollar values, see text, p. 865. Figures cover fiscal years through 1915; thereafter, calendar years. Import data are "general imports" through 1933; "imports for consumption" thereafter. Areas of districts were rearranged July 1, 1913. Prior to that date some of the districts were more restricted. In most cases this change only slightly affects the comparability of the figures. Prior to 1914 the statistics given in the table for Buffalo include the (former) districts of Buffalo Creek and Niagara; those for Michigan include the (former) districts of Superior, Huron, and Detroit; and those for Massachusetts and Maryland were the former districts of Boston and Baltimore, respectively.]

YEARLY AVERAGE OR YEAR	MASSACHUSETTS		NEW YORK		PHILADELPHIA		MARYLAND		NEW ORLEANS	
	Ex- ports	Imports	Exports	Imports	Exports	Im- ports	Exports	Im- ports	Exports	Im- ports
1901-1910.....	95	97	575	698	81	84	90	26	150	37
1911-1915.....	77	141	913	975	74	86	107	30	179	79
1915-1920 <sup>1</sup> .....	217	273	2,913	1,703	415	145	320	42	428	149
1921-1925.....	54	257	1,611	1,676	118	183	114	78	391	168
1926-1930.....	41	267	1,689	1,968	100	205	94	109	364	202
1931-1935.....	19	96	675	867	56	101	32	55	142	85
1936-1940.....	24	157	1,294	1,210	91	145	98	80	197	112
1941-1945.....	80	196	4,296	1,278	838	173	562	94	304	241
1946-1950 <sup>2</sup> .....	<sup>3</sup> 74	407	<sup>3</sup> 5,023	2,651	<sup>3</sup> 898	453	<sup>3</sup> 437	225	<sup>3</sup> 744	387
1951-1955 <sup>2</sup> .....	70	583	3,812	4,076	331	758	488	402	964	634
1950 <sup>2</sup> .....	( <sup>4</sup> )	586	( <sup>4</sup> )	3,880	( <sup>4</sup> )	657	( <sup>4</sup> )	288	( <sup>4</sup> )	510
1951 <sup>2</sup> .....	78	580	4,291	3,989	400	778	482	374	1,117	695
1952 <sup>2</sup> .....	59	578	3,791	4,186	285	674	455	393	948	654
1953 <sup>2</sup> .....	52	518	3,450	4,133	249	719	431	443	825	619
1954 <sup>2</sup> .....	83	456	3,619	3,776	383	767	495	418	989	608
1955 <sup>2</sup> .....	79	481	4,010	4,299	336	851	578	380	941	597
1956 <sup>2</sup> .....	118	500	4,595	4,637	390	930	602	501	1,222	633
1957 <sup>2</sup> .....	139	486	4,951	4,517	422	981	726	611	1,527	610

YEARLY AVERAGE OR YEAR	GALVESTON		BUFFALO		MICHIGAN		SAN FRANCISCO		WASHINGTON	
	Exports	Imports	Exports	Imports	Exports	Imports	Ex- ports	Im- ports	Ex- ports	Im- ports
1901-1910.....	150	3	39	11	51	11	35	44	35	17
1911-1915.....	241	6	83	24	102	21	60	64	58	50
1915-1920 <sup>1</sup> .....	347	16	199	88	294	62	156	198	223	207
1921-1925.....	624	80	163	78	212	77	158	156	110	214
1926-1930.....	548	32	209	137	293	93	183	195	137	212
1931-1935.....	257	16	71	53	113	48	96	65	49	35
1936-1940.....	251	28	113	79	183	73	121	75	78	37
1941-1945.....	211	61	289	210	579	201	329	84	214	79
1946-1950 <sup>2</sup> .....	<sup>3</sup> 782	156	385	216	647	353	<sup>3</sup> 347	189	163	128
1951-1955 <sup>2</sup> .....	939	329	507	404	1,041	611	407	345	275	237
1950 <sup>2</sup> .....	( <sup>4</sup> )	210	386	294	727	479	( <sup>4</sup> )	270	117	185
1951 <sup>2</sup> .....	1,214	337	523	400	674	562	376	334	247	213
1952 <sup>2</sup> .....	1,168	350	544	422	680	613	401	320	291	217
1953 <sup>2</sup> .....	707	338	567	423	1,072	643	370	362	250	221
1954 <sup>2</sup> .....	770	304	537	374	932	501	441	341	290	241
1955 <sup>2</sup> .....	835	314	632	399	1,198	648	449	367	325	288
1956 <sup>2</sup> .....	1,193	373	805	422	1,460	678	545	438	447	310
1957 <sup>2</sup> .....	1,496	333	811	465	1,398	675	603	467	450	343

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> For security reasons Customs district of exportation for certain commodities not reported in export statistics.

<sup>3</sup> A verage for 1946 and 1947.

<sup>4</sup> Customs district data not available.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

No. 1150.—EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1950 TO 1957  
 [In thousands of dollars. For discussion of sampling error, see text, p. 865. "N. e." means not elsewhere classified. See also *Historical Statistics, 1789-1945*, series M 87-102, for group totals]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS						IMPORTS					
	1950	1953	1954	1955	1956	1957	1950	1953	1954	1955	1956	1957
<b>Grand total</b> .....	10, 275, 043	15, 773, 688	15, 109, 511	15, 547, 074	19, 090, 209	20, 809, 734	8, 852, 161	10, 873, 269	10, 215, 421	11, 384, 436	12, 615, 029	12, 978, 132
Special Category Type 1.....	431, 191	1, 717, 631	1, 107, 368	396, 520	573, 492	455, 034						
Special Category Type 2.....	52, 802	2, 190, 962	1, 574, 005	1, 315, 210	1, 615, 914	1, 526, 548						
<b>Total, excl. Special Category 1</b> .....	9, 791, 051	11, 865, 095	12, 428, 138	13, 835, 344	16, 900, 803	18, 828, 152						
<b>North America</b> .....	3, 436, 844	4, 614, 872	4, 396, 917	4, 960, 237	6, 016, 732	6, 107, 376	3, 100, 579	3, 740, 478	3, 637, 154	4, 037, 989	4, 338, 633	4, 471, 552
<b>Northern Area</b> .....	2, 000, 731	3, 011, 471	2, 778, 017	3, 234, 928	4, 015, 978	3, 905, 198	1, 961, 593	2, 463, 195	2, 377, 738	2, 654, 786	2, 894, 767	2, 905, 513
Greenland.....	45	74	2 38	236	3 7	4 193	1, 036	1, 426	705	1, 028	697	823
Canada (inc. Newfoundland and Labrador).....	2, 000, 494	3, 011, 332	2, 777, 815	3, 234, 945	4, 015, 877	3, 904, 936	1, 960, 457	2, 461, 567	2, 376, 610	2, 653, 351	2, 893, 604	2, 904, 253
Miquelon and St. Pierre.....	192	2 65	4 163	6 47	4 94	2 69	90	202	423	407	465	337
<b>Southern Area</b> .....	1, 436, 113	1, 603, 401	1, 618, 900	1, 725, 310	2, 000, 754	2, 202, 177	1, 138, 987	1, 277, 283	1, 259, 415	1, 383, 263	1, 443, 866	1, 556, 039
Mexico.....	518, 847	655, 691	642, 389	711, 440	850, 667	901, 548	315, 412	354, 523	328, 149	396, 831	400, 903	430, 079
Central America.....	284, 290	296, 945	320, 901	329, 870	343, 714	370, 287	182, 999	238, 565	233, 647	234, 859	221, 337	232, 919
Guatemala.....	43, 911	46, 481	48, 525	57, 764	63, 632	81, 188	53, 716	63, 283	65, 549	71, 225	78, 884	74, 288
British Honduras.....	3, 321	2, 304	2, 272	4, 337	4, 485	4, 589	1, 016	2, 024	1, 540	2, 772	3, 551	2, 120
El Salvador.....	32, 598	38, 080	41, 957	47, 645	50, 080	49, 999	51, 037	65, 200	61, 360	61, 878	48, 503	55, 646
Honduras.....	23, 886	38, 482	34, 165	39, 010	39, 010	41, 575	20, 182	23, 670	26, 824	22, 727	20, 927	26, 162
Nicaragua.....	18, 802	26, 947	37, 927	39, 976	33, 531	39, 131	19, 459	24, 925	25, 975	25, 984	19, 490	22, 289
Costa Rica.....	27, 043	38, 481	41, 083	44, 030	42, 836	48, 231	34, 613	34, 955	33, 129	28, 136	19, 120	27, 525
Panama, Republic.....	111, 683	84, 318	100, 774	76, 763	69, 342	84, 497	9, 714	17, 146	18, 382	20, 429	20, 092	24, 303
Panama, Canal Zone.....	23, 046	23, 852	23, 197	24, 789	21, 798	21, 077	2, 361	1, 361	18, 389	2, 106	1, 850	24, 303
<b>Bermuda and Caribbean</b> .....	632, 976	650, 766	646, 610	683, 990	806, 371	930, 342	640, 575	684, 195	697, 619	751, 513	821, 567	903, 041
Bermuda.....	8, 494	13, 794	14, 351	15, 553	20, 055	20, 342	356	1, 384	1, 839	1, 888	2, 673	893
Bahamas.....	7, 317	17, 111	12, 761	23, 798	30, 342	33, 342	388	2, 122	2, 872	2, 102	4, 432	8, 035
Cuba.....	460, 870	431, 737	435, 139	453, 474	519, 139	617, 885	406, 404	431, 105	481, 342	421, 655	457, 094	481, 658
Jamaica.....	8, 423	14, 055	15, 919	22, 999	35, 246	39, 196	2, 307	12, 389	18, 904	22, 272	28, 839	38, 945
Haiti.....	25, 327	29, 472	36, 486	32, 226	36, 744	24, 273	23, 080	16, 834	24, 834	16, 443	14, 856	18, 285
Dominican Republic.....	42, 082	49, 282	53, 686	62, 161	69, 671	74, 314	37, 852	52, 336	72, 011	62, 245	60, 103	63, 128
Leeward Isls. and Windward Isls.....	1, 195	1, 784	2, 063	2, 838	3, 249	3, 539	2, 262	1, 616	2, 015	1, 813	2, 998	1, 154
Barbados.....	1, 094	1, 255	1, 317	1, 846	2, 065	2, 991	403	571	812	681	1, 195	1, 854
Trinidad and Tobago.....	6, 138	8, 804	10, 417	14, 955	18, 901	28, 570	9, 004	8, 467	8, 506	5, 593	9, 865	14, 927
Netherlands Antilles.....	69, 388	81, 929	63, 285	56, 938	80, 306	84, 181	157, 827	157, 145	164, 732	216, 522	243, 133	273, 644
French West Indies.....	2, 648	1, 543	1, 196	1, 687	1, 699	1, 956	193	225	152	348	349	477



South America									
Northern Area									
Colombia	643, 103	1, 376, 022	1, 572, 850	1, 815, 400	1, 674, 419	1, 992, 216	2, 613, 121	1, 962, 879	2, 376, 839
Venezuela	231, 922		832, 035	907, 752	922, 231	1, 015, 037	1, 312, 545	651, 239	931, 569
British Guiana	401, 083		293, 045	348, 359	339, 441	241, 377	241, 377	313, 174	466, 124
Surinam	2, 855		526, 373	545, 244	569, 282	674, 273	1, 049, 661	323, 565	440, 528
French Guiana	7, 011		3, 614	5, 153	5, 877	6, 240	9, 806	1, 435	4, 034
	7, 011		3, 614	5, 153	5, 877	6, 240	11, 006	13, 054	20, 797
	231		273	537	418	402	295	12	65
Western Area									
Ecuador	193, 251		287, 793	258, 797	306, 064	415, 452	477, 098	277, 888	436, 238
Peru	28, 971		44, 278	49, 941	47, 821	45, 755	50, 709	34, 372	44, 907
Bolivia	72, 369		122, 393	99, 908	123, 293	162, 556	197, 610	48, 754	86, 929
Chile	20, 600		19, 854	31, 819	41, 122	49, 033	33, 889	35, 281	62, 008
	71, 311		101, 268	77, 128	93, 929	158, 108	194, 880	159, 500	242, 351
Eastern Area									
Brazil	539, 668		452, 022	648, 851	446, 104	561, 727	823, 478	1, 083, 752	1, 009, 032
Paraguay	352, 957		314, 509	474, 724	363, 615	308, 584	171, 260	716, 200	708, 465
Uruguay	3, 004		7, 036	6, 766	4, 951	7, 806	11, 181	6, 246	6, 119
Argentina	40, 374		44, 168	38, 507	38, 507	33, 751	48, 709	106, 117	82, 531
Falkland Islands	143, 246		104, 550	123, 190	149, 028	211, 586	281, 803	206, 060	181, 936
	27		15	5	3	1	1	69	(c)
Europe									
	2, 988, 964		7, 210, 464	3, 408, 635	4, 197, 902	5, 189, 826	5, 780, 315	1, 448, 930	2, 335, 229
Northwestern and Central Area									
Iceland	2, 319, 368		2, 248, 077	2, 693, 593	3, 275, 352	3, 965, 853	4, 367, 000	1, 080, 840	1, 872, 093
Sweden	83, 593		103, 826	127, 737	154, 390	187, 444	230, 314	270, 229	337, 858
Norway	72, 368		66, 677	86, 727	76, 292	94, 245	85, 367	40, 927	107, 858
Denmark	53, 298		38, 670	46, 755	68, 604	84, 310	87, 679	12, 159	39, 904
United Kingdom	510, 380		604, 128	605, 580	930, 368	910, 135	1, 099, 735	334, 793	545, 964
Ireland (Eire)	30, 203		26, 774	26, 774	37, 684	28, 940	21, 656	2, 488	5, 854
Netherlands	226, 122		261, 393	424, 041	480, 087	560, 784	555, 717	84, 576	191, 755
Belgium and Luxembourg	269, 698		238, 615	272, 810	321, 807	436, 528	419, 257	139, 773	236, 031
France	341, 079		342, 745	534, 505	359, 807	601, 840	588, 722	131, 678	186, 412
West Germany <sup>a</sup>	439, 385		355, 585	494, 021	595, 933	784, 880	953, 982	270, 945	379, 145
East Germany <sup>a</sup>	108, 999		60, 377	765	407	441	265	104, 179	6, 583
Austria	10, 619		37, 377	56, 200	76, 271	76, 271	68, 200	16, 386	36, 238
Czechoslovakia	3, 470		2, 005	2, 177	2, 177	2, 005	2, 004	26, 606	2, 792
Hungary	129, 548		135, 526	155, 492	105, 073	2, 006	5, 320	1, 865	1, 217
Switzerland						221, 350	238, 562	109, 743	161, 369

<sup>1</sup> Effective January 1950, exports of Special Category commodities are not reported by country of destination, for security reasons. Therefore, data in this table do not represent total exports to the respective countries and areas, but total exports less Special Category commodities. See July 1955 and the June, August, and December 1957 issues of *Foreign Trade Statistics Notes* for further explanation and lists of Special Category commodities.

<sup>2</sup> Sampling error is not greater than 15 to 20 percent.  
<sup>3</sup> Sampling error is not greater than \$4,000 to \$6,000.

<sup>4</sup> Sampling error is not greater than \$1,000 to \$15,000.

<sup>5</sup> Less than \$500.

<sup>6</sup> Includes \$222,000 for unidentified countries in Western Europe.

<sup>7</sup> Country designations established January 1952; data for 1950 represent combined trade with East and West Germany.

2, 573, 325  
1, 311, 431  
1, 383, 355  
899, 722  
5, 390  
22, 900  
4, 65  
2, 517, 182  
1, 141, 204  
403, 568  
704, 805  
6, 581  
20, 126  
126  
2, 224, 388  
1, 041, 912  
442, 068  
576, 335  
5, 357  
18, 035  
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404, 945  
53, 037  
60, 946  
96, 510  
110, 513  
41, 826  
200, 851  
236, 584  
196, 286  
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No. 1150.—EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1950 TO 1957—Continued

[In thousands of dollars]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS							IMPORTS						
	1950	1953	1954	1955	1956	1957	1950	1953	1954	1955	1956	1957	1950	1957
<b>Europe—Con.</b>														
<b>Northeastern Area</b>														
Finland	30,671	23,360	30,993	45,087	57,091	111,709	84,340	67,444	72,881	87,894	100,013	86,815		
Estonia	20,933	22,659	20,189	41,681	49,546	34,011	( <sup>c</sup> )	42,358	39,382	44,133	48,143	40,042		
Latvia						977						263		
Lithuania	8,986	622	1,588	3,103	3,722	73,218	11,136	14,295	21,570	26,622	27,402	29,993		
Poland and Danzig	752	9 19	4,216	4,252	3,823	3,504	38,296	10,701	11,928	17,134	24,408	16,512		
Union of Soviet Socialist Republics (Russia)														
<b>Southwestern Area</b>														
Azores	439,574	405,150	445,634	564,747	849,024	925,303	183,755	280,113	223,975	272,301	316,608	334,093		
Spain	1,169	326	369	1,071	1,234	1,098	625	590	1,785	1,608	1,785	1,785		
Portugal	44,900	71,849	101,378	157,004	262,931	199,904	50,250	63,313	64,804	58,512	67,894	58,168		
Gibraltar	33,688	26,765	34,323	44,805	46,121	20,829	20,829	34,965	25,793	27,433	24,567	22,343		
Malta, Gozo, and Cyprus	1,321	968	1,027	722	672	740	15	93	10 27	10 27	10 27	10 26		
Italy	1,959	1,703	1,424	2,412	4,076	2,610	3,448	2,492	1,101	4,397	6,184	7,024		
Free territory of Trieste	344,896	292,463	308,375	358,769	526,258	661,416	108,514	158,553	141,460	180,117	216,010	245,190		
	11,642	11,077	6,519	10,426	9,047	13,415	68	107	144	208	145	145		
<b>Southeastern Area</b>														
Yugoslavia	199,352	233,715	233,465	312,766	317,883	376,303	99,995	135,670	107,506	109,922	126,232	163,853		
Albania	41,302	110,496	100,826	131,227	108,544	149,880	18,718	32,434	23,707	26,129	30,757	35,393		
Greece 11	169	2					43	65	8	80	193	106		
Rumania	94,120	53,265	50,472	79,357	92,996	86,086	17,113	18,435	18,380	25,838	26,033	35,050		
Bulgaria	2,009	857	5	191	464	( <sup>c</sup> )	287	372	382	270	377	460		
Turkey	60,896	69,939	86,997	101,866	116,831	139,360	61,485	84,012	64,718	57,202	68,436	92,371		
Asia	1,475,790	2,060,673	1,969,587	2,121,269	2,780,943	3,367,009	1,637,972	1,628,211	1,467,430	1,875,570	1,995,503	1,988,042		
<b>Western Area</b>														
Syria	222,207	279,826	289,416	352,866	401,452	406,145	131,128	204,322	200,491	268,222	306,514	262,851		
Lebanon	11,029	16,204	22,685	21,033	19,900	17,755	11,974	8,603	7,831	11,528	10,484	9,773		
Iraq	27,526	22,910	31,688	40,759	37,090	40,196	4,185	2,249	3,124	3,013	4,707	4,537		
Iran (Persia)	10,314	20,248	30,286	37,177	39,506	40,053	12,401	16,196	16,257	32,215	40,096	29,078		
Israel 12	35,285	25,274	49,001	57,628	82,170	82,848	23,648	25,575	19,403	34,373	41,489	32,905		
Palestine 12	92,744	78,235	76,828	89,963	97,863	96,498	7,059	12,238	13,680	17,093	18,958	20,081		
Jordan	1,119	3,372	3,608	6,527	4,887	6,636	8	27	10 30	5 63	9 92	13 112		
Kuwait	3,214	16,397	14,926	16,156	31,502	38,801	41,772	63,012	71,577	95,329	93,622	112,247		
Saudi Arabia	33,495	78,846	44,379	71,894	76,622	68,852	24,365	66,896	53,957	57,592	75,807	41,395		
Arabian Peninsula States, n.e.c.	64	1,143	2,726	3,152	3,168	6,120	2,274	8,615	9,002	16,151	17,997	8,030		
Aden	284	9,121	4,707	816	1,171	943	46	95	13 43	296	362	221		
State of Bahrain	7,153	8,075	7,964	7,796	7,568	7,440	2,436	816	510	520	3,790	4,458		

Southern and Southeastern Area		885, 174	759, 059	818, 324	1, 092, 963	1, 254, 404	1, 167, 226	1, 100, 890	943, 850	1, 137, 708	1, 086, 132	1, 073, 410
Afghanistan		3, 538	4, 814	4, 814	9, 413	8, 612	21, 081	15, 353	14, 246	13, 793	17, 594	21, 069
India		156, 611	164, 397	191, 380	274, 214	437, 556	259, 129	229, 934	200, 037	221, 445	203, 612	211, 409
Pakistan		100, 110	34, 231	55, 423	139, 919	115, 400	31, 400	30, 772	25, 107	30, 375	36, 855	39, 592
Nepal <sup>14</sup>		3	156	23	2 45	720	60, 218	30, 912	28, 636	35, 777	30, 938	32, 464
Ceylon		7, 964	7, 124	7, 760	9, 606	13, 350	70, 015	70, 015	54, 266	104, 728	96, 894	85, 639
Burma		7, 661	6, 313	4, 569	5, 782	68, 238	75, 132	70, 015	54, 266	104, 728	96, 894	85, 639
Thailand (Siam)		58, 977	44, 122	51, 186	52, 782	68, 238	75, 132	70, 015	54, 266	104, 728	96, 894	85, 639
Viet-Nam, Laos, and Cambodia <sup>15</sup>		9, 711	53, 748	33, 805	77, 030	78, 886	11, 124	16, 675	22, 252	28, 889	20, 926	22, 635
British Malaya		20, 773	31, 470	36, 470	44, 693	42, 604	310, 015	211, 254	168, 675	235, 144	236, 338	192, 313
Republic of Indonesia <sup>16</sup>		81, 512	74, 008	77, 462	147, 731	102, 983	155, 672	214, 683	166, 685	211, 928	190, 900	203, 274
Republic of Philippines		243, 401	337, 070	335, 265	331, 840	369, 133	235, 962	276, 771	292, 170	253, 097	256, 965	201, 445
Macao <sup>17</sup>		280	374	379	767	366	632	771	748	544	545	346
Portuguese Asia <sup>18</sup>		1, 016	994	1, 353	1, 004	2, 338	632	3, 818	1, 166	914	1, 260	1, 140
Southern and Southeastern Asia, n.e.c. <sup>19</sup>		2	914	478	614	519	41	22	28	60	13 30	5
Eastern Area		610, 980	921, 112	950, 079	1, 286, 528	1, 706, 460	339, 618	320, 999	323, 088	469, 640	602, 857	651, 781
China (including Manchuria) <sup>20</sup>		45, 353	20 6	3	146, 497	9	146, 497	611	4 109	4 105	4 223	4 109
Outer Mongolia <sup>21</sup>								9, 080	6, 849	9, 656	7, 078	4, 186
North Korea <sup>21</sup>												
Republic of Korea <sup>21</sup>		22, 094	87, 666	127, 274	102, 902	276, 871	2, 338	20, 942	19, 720	6, 123	9, 716	3, 010
Hong Kong		103, 033	46, 200	40, 861	68, 380	77, 975	6, 399	13, 058	11, 815	15, 304	10, 909	33, 905
Taiwan (Formosa)		23, 288	95, 488	109, 612	106, 230	106, 111	3, 322	6, 739	5, 433	6, 373	7, 835	8, 805
Japan <sup>22</sup>		416, 552	682, 149	648, 500	901, 861	1, 230, 506	182, 052	261, 549	278, 996	431, 944	557, 948	600, 475
Nansei and Nampo Isls., n.e.c. <sup>23 24</sup>			9, 537	14, 529	17, 155	14, 988			4 57	13 41	13 47	273

<sup>14</sup> Netherlands New Guinea included with Indonesia prior to 1964, with Southern and Southeastern Asia, n.e.c., beginning 1964.

<sup>15</sup> Country designation Macao established July 1952; Macao included with Portuguese Asia prior to July 1952.

<sup>16</sup> Prior to July 1962, Portuguese Asia, n.e.c., called Portuguese Asia which included Macao.

<sup>17</sup> Outer Mongolia included with China (including Manchuria) prior to 1953.

<sup>18</sup> Represents shipments for the use of diplomatic missions of friendly foreign countries.

<sup>19</sup> Country designation established January 1952; data for prior years represent combined trade with North Korea and Republic of Korea.

<sup>20</sup> R. K. Ryukyu (Nansei) Islands included with Japan through 1953; with Nansei and Nampo Islands, n.e.c., beginning 1964.

<sup>21</sup> Bonin Islands and Marcus Islands included with Western Pacific Islands (Oceania) through 1953; with Nansei and Nampo Islands, n.e.c., beginning 1964.

<sup>22</sup> Sampling error is not greater than 15 to 20 percent.

<sup>23</sup> Sampling error is not greater than \$4,000 to \$6,000.

<sup>24</sup> Sampling error is not greater than 5 to 10 percent.

<sup>25</sup> Sampling error is not greater than \$11,000 to \$15,000.

<sup>26</sup> Less than \$500.

<sup>27</sup> Sampling error is not greater than \$8,000 to \$8,000.

<sup>28</sup> Includes Aegean Islands.

<sup>29</sup> Israel and Palestine (called Palestine prior to 1950) combined prior to 1954.

<sup>30</sup> Sampling error not greater than 10 to 15 percent.

<sup>31</sup> Country designation established January 1952; Nepal included with Southern and Southeastern Asia, n.e.c., prior to 1962.

<sup>32</sup> Country designation established January 1955; Viet-Nam, Laos, and Cambodia reported as Indochina prior to 1955.

No. 1150.—EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1950 TO 1957—Continued

[In thousands of dollars]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS						IMPORTS					
	1950	1953	1954	1955	1956	1957	1950	1953	1954	1955	1956	1957
<b>Australia and Oceania</b>												
Australia	145, 649	180, 970	247, 667	269, 618	244, 598	279, 232	208, 140	201, 253	165, 045	173, 883	202, 882	216, 302
New Guinea (Australian)	110, 656	139, 456	194, 925	207, 552	183, 835	212, 292	141, 094	136, 986	117, 765	126, 411	136, 501	146, 326
New Zealand	471	1, 059	1, 515	1, 192	1, 744	1, 336	38	65	683	616	367	301
British Western Pacific Islands	28, 638	33, 833	44, 886	53, 640	48, 830	53, 822	64, 515	59, 236	44, 326	43, 611	63, 586	65, 601
French Pacific Islands	649	385	475	1, 019	1, 019	1, 019	36	36	365	611	331	1, 419
Western Pacific Islands, n.e.c. <sup>2</sup>	5, 121	5, 460	4, 951	5, 396	7, 336	7, 714	2, 279	4, 770	1, 852	2, 130	2, 021	2, 540
Trust Territory of Pacific Islands <sup>3</sup>	214	777	914	1, 217	1, 843	3, 048	83	104	4 53	477	3 24	116
<b>Africa</b>												
Morocco <sup>2</sup>	367, 782	525, 265	589, 932	611, 899	676, 488	681, 099	493, 661	532, 254	604, 556	619, 352	597, 491	585, 972
<b>Northern Area</b>												
French Morocco <sup>2</sup>	91, 081	131, 334	114, 365	146, 925	184, 651	139, 578	69, 706	46, 107	46, 215	48, 692	32, 720	36, 969
Tangier <sup>2</sup>	23, 248	31, 092	37, 934	31, 607	34, 993	46, 965	4, 215	11, 799	14, 258	11, 761	10, 377	10, 453
Algeria	10, 895	14, 284	12, 673	11, 000	12, 106	27, 115	87	91	273	4 109	274	1, 480
Tunisia	15, 715	14, 252	14, 098	13, 931	20, 070	16, 934	5, 117	3, 670	4, 740	5, 785	2, 739	4, 107
Libya	6, 935	7, 685	5, 740	4, 459	9, 585	6, 002	3, 212	1, 109	2, 111	2, 298	692	4, 191
Egypt <sup>2</sup>	164	1, 039	1, 602	4, 645	8, 092	14, 003	45	49	4 23	3 4	2 36	3 818
Sudan <sup>2</sup>	33, 029	61, 178	41, 160	79, 708	98, 768	40, 083	54, 535	26, 386	20, 514	25, 430	14, 596	17, 020
	1, 095	1, 894	1, 158	1, 576	1, 127	4, 477	2, 495	3, 003	4, 290	3, 364	4, 007	3, 818
<b>Western Area</b>												
Western Spanish Africa:	120, 616	132, 927	192, 411	151, 246	176, 371	206, 486	194, 143	301, 640	335, 478	321, 237	331, 930	294, 620
Canary Islands	5, 853	3, 695	2, 435	5, 504	5, 697	5, 496	125	114	109	13 46	4 101	40
Spanish Africa, n.e.c. <sup>2</sup>	501	2, 246	3, 927	5, 243	5, 596	2, 834	4, 950	2, 290	3, 141	2, 213	880	244
<b>Western French Africa:</b>												
Cameroon	5, 325	3, 005	4, 358	5, 099	5, 595	4, 517	995	5, 827	12, 411	10, 439	5, 947	6, 009
French Equatorial Africa	5, 502	4, 158	4, 487	5, 739	7, 244	10, 471	67	6, 391	2, 049	2, 001	3, 840	2, 394
French West Africa	15, 490	9, 508	13, 162	14, 430	19, 363	18, 449	4, 051	6, 394	33, 874	32, 059	28, 632	24, 659
<b>Western British Africa:</b>												
Ghana (Gold Coast) <sup>2</sup>	5, 953	8, 141	5, 702	7, 681	8, 588	10, 091	61, 338	75, 406	61, 892	49, 821	47, 416	45, 170
Nigeria	6, 167	10, 315	10, 632	12, 069	13, 238	17, 846	34, 838	37, 141	48, 240	35, 999	42, 017	25, 811
British West Africa, n.e.c.	562	1, 120	673	1, 099	1, 545	2, 226	3, 549	2, 364	2, 227	1, 903	2, 276	3, 209
<b>Western Portuguese Africa:</b>												
Madeira Islands	1, 733	911	471	206	472	1, 023	2, 891	3, 470	3, 110	3, 384	3, 426	2, 964
Angola	7, 321	10, 948	12, 576	12, 953	16, 066	14, 933	13, 104	46, 056	43, 236	32, 440	36, 110	40, 645
Western Portuguese Africa, n.e.c.	7, 311	6, 659	652	451	645	431	1, 361	1, 025	1, 789	1, 336	940	1, 988
Liberia	24, 708	16, 312	82, 103	22, 494	30, 868	59, 613	20, 974	27, 721	27, 188	30, 788	43, 307	38, 350
Belgian Congo	40, 990	61, 909	51, 234	57, 698	61, 432	58, 507	45, 991	91, 421	96, 212	109, 893	117, 089	103, 137

Eastern Area		23,566	36,850	34,853	32,615	31,386	30,085	50,051	85,647	84,728	87,514	79,945	101,490
Eastern Italian Africa <sup>23</sup>	103	892						835	1,226				414
Somaliand <sup>24</sup>													32,559
Ethiopia (Abyssinia) <sup>25</sup>	2,865	5,193	617	7,760	515	2,869	1,832	12,285	33,274	33,740	640	849	
French Somaliand	817	1,076	1,209	1,098	6,228	5,096	5,408	41	41	33,740	31,223	24,285	38
British Somaliand	1	31	229	1,098	1,098	960	1,160	1,080	740	42	459	408	217
Seychelles and dependencies	13	3	93		97	1	11	95	70	476	121	478	23
Mauritius and dependencies	646	496	445		601	464	626	12	147	314	162	139	6
British East Africa <sup>26</sup>	6,907	12,845	7,112	10,720	10,720	8,707	7,526	24,636	38,135	31,503	38,328	36,909	44,826
Mozambique	8,073	12,729	14,265	9,219	9,219	7,700	8,934	3,218	4,727	5,515	4,453	3,630	3,677
Madagascar	4,142	3,583	3,213	4,164	4,164	5,341	4,108	7,849	7,257	12,692	12,094	13,548	19,695
Southern Area													
Union of South Africa	132,518	224,154	248,304	231,113	234,080	234,080	304,949	179,761	159,860	138,135	101,910	152,926	152,892
Northern Rhodesia <sup>27</sup>	125,432	214,125	236,895	267,643	267,643	267,643	284,802	141,500	91,774	90,595	96,506	111,057	100,853
Southern Rhodesia <sup>28</sup>	2,126	4,294	1,963					30,892	52,948	43,116			
Federation of Rhodesia and Nyasaland <sup>29</sup>	4,955	5,428	3,283					6,964	14,959	31,787			
Southern British Africa	6	7	6,159	6,159	13,470	16,985	20,121	345	182	22,751	66,298	41,808	52,024
			93	93			26			304	46	1	15

<sup>2</sup> Sampling error is not greater than 15 to 20 percent.

<sup>3</sup> Sampling error is not greater than \$4,000 to \$6,000.

<sup>4</sup> Sampling error is not greater than 5 to 10 percent.

<sup>5</sup> Sampling error is not greater than \$6,000 to \$8,000.

<sup>6</sup> Less than \$500.

<sup>7</sup> Sampling error is not greater than 10 to 15 percent.

<sup>8</sup> Bonin Islands and Marcus Islands included with Western Pacific Islands (Oceania) through 1953; with Nansai and Nampo Islands, n.e.c., beginning 1954.

<sup>9</sup> Country designation established beginning January 1954. Previously designated as Western Pacific Islands, n.e.c., but changed to reflect exclusion of Bonin Islands and Marcus Islands.

<sup>10</sup> Country designation Morocco established January 1957 and includes former French Morocco, Spanish Morocco, and Tangier. Prior to 1957, French Morocco and Tangier shown separately and Spanish Morocco included with Spanish Africa, n.e.c.

<sup>11</sup> Country designation Morocco established January 1957 and includes former French Morocco, Spanish Morocco, and Tangier. Prior to 1957, French Morocco and Tangier shown separately and Spanish Morocco included with Spanish Africa, n.e.c.

<sup>12</sup> Country designation Morocco established January 1957 and includes former French Morocco, Spanish Morocco, and Tangier. Prior to 1957, French Morocco and Tangier shown separately and Spanish Morocco included with Spanish Africa, n.e.c.

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<sup>38</sup> Country designation Morocco established January 1957 and includes former French Morocco, Spanish Morocco, and Tangier. Prior to 1957, French Morocco and Tangier shown separately and Spanish Morocco included with Spanish Africa, n.e.c.

<sup>39</sup> Country designation Morocco established January 1957 and includes former French Morocco, Spanish Morocco, and Tangier. Prior to 1957, French Morocco and Tangier shown separately and Spanish Morocco included with Spanish Africa, n.e.c.

<sup>23</sup> Country designation established January 1956. Previously designated as Anglo-Egyptian Sudan.

<sup>24</sup> Reported as Gold Coast prior to March 1957.

<sup>25</sup> Country designation Somaliand established January 1954; Somaliand included with Eastern Italian Africa prior to 1954.

<sup>26</sup> Eritrea included with Eastern Italian Africa prior to 1954; with Ethiopia, beginning 1954.

<sup>27</sup> Effective July 1954, Northern Rhodesia, Southern Rhodesia, and Nyasaland combined under Federation of Rhodesia and Nyasaland. Prior to July 1954, Nyasaland included with British East Africa.

<sup>28</sup> January-June only.

<sup>29</sup> July-December only.

Source: Department of Commerce, Bureau of the Census.

# No. 1151.—IMPORTS ENTERED FOR CONSUMPTION AND DUTIES THEREON: 1901 TO 1957

[For basis of dollar values, see text, p. 865. For years ending June 30 through 1915; calendar years thereafter. See also *Historical Statistics, 1789-1946*, series M 68-74]

YEARLY AVERAGE OR YEAR	VALUES				Duties calculated <sup>1</sup>	RATIO OF DUTIES TO VALUES		Amount duties per capita <sup>2</sup>
	Total	Free	Dutiable	Percent free		Total imports	Dutiable imports	
	\$1,000	\$1,000	\$1,000		\$1,000	Percent	Percent	Dollars
1901-1910-----	1,142,514	522,123	620,391	45.70	280,955	24.59	45.29	3.32
1911-1915-----	1,698,028	966,141	731,887	56.89	283,408	16.69	38.72	2.91
1915-1920 <sup>3</sup> -----	3,289,748	2,262,412	1,027,336	68.77	227,035	6.90	22.10	2.17
1921-1925-----	3,422,748	2,088,932	1,333,816	61.03	478,911	13.99	35.90	4.22
1926-1930-----	4,020,350	2,645,610	1,374,740	65.81	550,743	13.70	40.06	4.52
1931-1935-----	1,704,294	1,075,585	628,709	63.11	314,477	18.45	50.02	2.46
1936-1940-----	2,440,042	1,475,825	964,217	60.48	365,151	14.90	37.87	2.76
1941-1945-----	3,475,593	2,203,945	1,181,648	66.00	379,704	10.92	32.13	2.72
1946-1950-----	6,583,595	3,842,818	2,740,777	58.37	439,453	6.67	16.03	2.94
1951-1955-----	10,784,009	5,974,886	4,809,123	55.41	581,619	5.39	12.09	3.57
1950-----	8,743,082	4,766,778	3,976,304	54.52	522,337	5.97	13.14	3.38
1951-----	10,817,341	5,993,442	4,823,900	55.41	591,261	5.47	12.26	3.76
1952-----	10,747,497	6,266,950	4,480,546	58.22	570,062	5.30	12.69	3.56
1953-----	10,778,905	5,919,501	4,859,403	54.9	584,505	5.42	12.02	3.59
1954-----	10,239,517	5,667,904	4,571,613	55.3	529,109	5.17	11.57	3.20
1955-----	11,336,787	6,036,634	5,300,153	53.2	633,313	5.59	11.95	3.76
1956-----	12,515,747	6,234,514	6,281,233	49.8	709,690	5.67	11.30	4.14
1957-----	12,920,985	6,012,263	6,908,722	46.5	745,962	5.77	10.80	4.28

<sup>1</sup> Beginning 1947, data from Bureau of Customs and represent unrevised figures based on reports at time of entry.

<sup>2</sup> Beginning 1940, based on estimated population including Armed Forces overseas.

<sup>3</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census (except as noted); prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

## No. 1152.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHEDULES: 1935 TO 1957

[In thousands of dollars. For basis of dollar values, see text, p. 865. Includes articles on which countervailing and antidumping duties are assessed. Free list commodities taxable under revenue acts excluded from various schedules. Percents represent average ad valorem rate or ratio of duties to values of dutiable merchandise]

YEAR	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
	Schedule 1.—Chemicals, oils, and paints			Schedule 2.—Earthenware, and glassware			Schedule 3.—Metals and manufactures			Schedule 4.—Wood and manufactures		
1935-----	66,105	28,205	42.67	22,853	11,636	50.92	68,013	23,305	34.27	12,657	2,923	23.09
1940-----	41,204	12,356	29.99	22,336	8,808	39.43	102,303	31,161	30.46	17,461	1,723	9.87
1945-----	71,859	10,051	13.99	14,760	3,884	26.31	150,019	38,496	25.66	44,563	2,867	6.43
1950-----	149,773	23,133	15.45	82,737	21,935	26.51	658,793	85,475	12.97	237,168	8,514	3.59
1951-----	200,441	25,749	12.85	120,317	31,663	26.32	927,602	108,145	11.66	211,560	9,866	4.66
1952-----	163,944	20,709	12.63	119,734	29,569	24.70	896,048	109,905	12.27	214,917	10,134	4.72
1953-----	197,797	26,558	13.43	138,249	32,073	23.20	1,204,829	140,408	11.65	237,236	13,520	5.70
1954-----	174,520	24,690	14.15	127,853	31,320	24.50	978,541	117,071	11.96	263,484	15,813	6.00
1955-----	209,693	30,173	14.38	167,047	39,131	23.42	1,148,483	138,974	12.10	345,770	21,017	6.07
1956-----	230,494	32,212	13.98	197,196	45,106	22.87	1,552,507	179,834	11.58	345,130	22,198	6.43
1957-----	238,395	32,624	13.68	195,500	44,803	22.91	1,832,307	201,031	10.97	307,767	23,967	7.78

No. 1152.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHEDULES: 1935 to 1957—Continued

[In thousands of dollars]

YEAR	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent	Values	Duties	Per cent
	Schedule 5.—Sugar, molasses, and manufactures			Schedule 6.—Tobacco and manufactures			Schedule 7.—Agricultural products and provisions			Schedule 8.—Spirits, wines, and other beverages		
1935----	94,953	39,985	42.11	25,974	21,958	84.54	219,133	87,559	39.96	42,384	39,326	92.79
1940----	87,780	42,826	48.79	36,085	22,173	60.44	147,228	46,083	31.30	53,809	32,753	60.87
1945----	35,418	10,430	29.45	82,278	28,253	34.34	314,005	42,542	13.55	67,923	45,340	66.75
1950----	359,948	37,035	10.46	78,654	19,534	24.84	623,196	66,673	10.70	116,485	29,284	25.14
1951----	368,691	34,957	9.48	87,831	20,484	23.32	785,114	71,369	9.09	125,405	31,456	25.08
1952----	384,937	36,044	9.36	32,517	16,758	51.39	772,956	75,081	9.71	127,552	30,025	23.54
1953----	372,383	35,845	9.63	84,481	17,000	20.12	775,318	71,218	9.19	152,422	35,899	23.55
1954----	354,741	34,748	9.80	84,845	17,161	20.23	692,987	63,608	9.18	155,995	36,493	23.39
1955----	358,186	36,360	10.15	87,052	17,820	20.47	668,258	72,837	10.89	171,462	39,466	23.12
1956----	492,944	39,967	8.11	91,624	18,337	20.01	669,990	62,031	9.26	197,804	44,003	22.25
1957----	511,818	40,802	7.97	98,702	18,021	18.25	793,926	74,632	9.40	213,172	44,273	20.76
	Schedule 9.—Cotton manufactures			Schedule 10.—Flax, hemp, jute, and manufactures			Schedule 11.—Wool and manufactures			Schedule 12.—Silk manufactures		
1935----	27,136	10,852	39.99	62,430	15,083	24.16	28,857	23,510	81.47	6,039	3,557	58.90
1940----	20,106	7,050	35.06	68,033	10,255	15.07	77,829	61,601	66.30	4,074	2,145	52.72
1945----	26,392	4,533	17.18	17,863	3,982	22.29	229,513	144,039	62.76	1,928	927	48.08
1950----	40,999	9,742	23.76	144,843	9,279	6.41	394,178	94,294	23.91	29,272	8,953	30.59
1951----	47,661	10,875	22.82	184,027	11,098	6.03	721,552	103,170	14.30	31,687	9,672	30.52
1952----	40,445	8,981	22.21	162,200	8,364	5.16	461,864	103,623	22.44	29,324	9,077	30.95
1953----	57,206	12,329	21.55	124,147	8,565	6.90	339,283	75,769	22.34	29,678	8,972	30.23
1954----	60,426	12,783	21.15	115,263	8,215	7.13	266,219	56,636	21.27	26,203	7,885	30.09
1955----	99,105	21,542	21.73	127,565	8,919	6.99	311,440	69,930	22.45	35,972	10,127	28.15
1956----	133,880	28,355	21.26	135,320	9,698	7.17	311,808	74,694	23.96	47,038	12,103	25.73
1957----	116,488	23,948	20.55	131,322	8,767	6.67	287,918	67,234	23.35	53,707	13,716	25.53
	Schedule 13.—Rayon and other synthetic textiles, manufactures			Schedule 14.—Pulp, paper, and books			Schedule 15.—Sundries			Free-list commodities <sup>1</sup>		
1935----	1,730	831	48.03	11,118	2,697	24.26	111,030	36,172	32.58	32,011	10,008	31.26
1940----	3,898	1,260	32.32	7,550	1,278	16.93	114,957	29,558	25.71	86,582	17,235	19.91
1945----	2,529	1,252	49.51	8,773	1,260	14.36	170,234	33,008	19.39	112,430	11,347	10.09
1950----	35,209	7,877	22.37	27,144	2,691	9.91	338,043	61,370	18.15	650,803	35,947	5.52
1951----	49,146	9,296	18.92	39,231	3,673	9.36	336,008	58,832	17.51	615,319	50,956	8.28
1952----	34,563	6,112	17.68	38,649	3,677	9.51	294,740	57,135	19.38	661,974	44,868	6.78
1953----	31,833	6,270	19.70	45,841	4,712	9.66	316,276	63,863	20.19	751,322	31,350	4.17
1954----	27,054	5,983	22.12	48,633	4,701	9.67	306,074	61,308	20.03	809,985	30,694	3.79
1955----	60,210	11,694	19.42	60,879	5,952	9.77	370,818	72,407	19.52	997,322	36,784	3.68
1956----	40,925	9,063	22.15	73,068	7,154	9.79	434,562	82,189	18.91	1,221,668	42,744	3.50
1957----	42,331	9,724	22.97	74,628	7,119	9.53	456,189	86,818	19.03	1,446,196	48,483	3.34

<sup>1</sup> Taxable under Revenue Act of 1932 and subsequent acts, dutiable under section 466, Tariff Act of 1930, etc. Taxes collected on dutiable commodities under revenue acts and Sugar Act of 1937 are included in appropriate schedules.

Source: Treasury Department, Bureau of Customs; *Annual Report of the Secretary*.

# No. 1153.—IMPORTS OF MERCHANDISE, FREE AND DUTIABLE, AND PERCENT FREE, BY ECONOMIC CLASSES: 1901 TO 1957

[In thousands of dollars. For basis of dollar values, see text, p. 865. For years ending June 30 through 1915; calendar years thereafter, except as noted. Data are "general imports" through 1933; "imports for consumption" beginning 1934. Percentage free in general imports is normally slightly lower than in imports for consumption because relatively more of dutiable general imports are reported as reexported than of free general imports. Moreover, in the period 1922-1933, there is an understatement of free goods in general imports because for 1922 to 1933, carpet wool used for making carpets, and for 1922 to 1928, wheat imported for milling in bond for exports were reported as dutiable when entered, although no duty was ultimately paid on these products. See also *Historical Statistics, 1789-1945*, series M 75-86]

YEAR OR YEARLY AVERAGE	TOTAL			CRUDE MATERIALS			CRUDE FOODSTUFFS AND FOOD ANIMALS		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1901-1910.....	520,831	637,670	45.0	295,690	98,969	4.9	109,577	27,098	80.2
1911-1915.....	961,439	750,880	56.1	491,948	105,753	52.3	181,170	37,865	82.7
1915-1920 <sup>1</sup> .....	2,258,608	1,099,747	67.3	1,195,593	152,074	53.7	349,926	58,226	85.7
1921-1925.....	2,060,303	1,389,800	59.7	1,036,581	253,794	80.3	302,242	80,297	78.0
1926-1930.....	2,697,197	1,436,271	64.4	1,228,971	255,152	82.8	407,540	99,075	80.4
1931-1935.....	1,067,145	640,430	62.4	380,639	111,703	77.4	220,717	44,532	83.2
1936-1940.....	1,475,826	964,217	60.5	627,289	179,946	77.7	238,355	81,247	74.6
1941-1945.....	2,293,945	1,181,648	66.0	777,816	369,839	67.8	434,555	134,158	76.4
1946-1950.....	3,842,818	2,740,777	58.4	1,263,001	729,287	63.4	1,031,862	205,183	83.4
1951-1955.....	5,974,886	4,809,123	55.4	1,692,815	1,141,908	59.7	1,835,924	259,809	87.2
1950.....	4,766,778	3,976,304	54.5	1,481,571	983,918	62.1	1,492,335	257,221	85.3
1951.....	5,993,442	4,823,900	55.4	2,067,538	1,297,016	61.5	1,773,423	303,285	85.4
1952.....	6,256,950	4,490,546	58.2	1,873,598	1,063,842	63.8	1,772,477	295,782	85.7
1953.....	5,919,501	4,859,403	54.9	1,495,963	1,117,033	57.3	1,876,985	308,269	85.9
1954.....	5,667,904	4,571,613	55.3	1,331,508	1,081,661	55.2	1,976,954	223,114	89.9
1955.....	6,036,634	5,300,153	53.2	1,695,440	1,149,989	59.6	1,779,779	218,594	89.1
1956.....	6,234,514	6,281,233	49.8	1,757,332	1,329,663	56.9	1,818,913	217,145	89.3
1957.....	6,012,263	6,908,722	46.5	1,655,416	1,530,622	52.0	1,748,983	270,461	86.6

YEAR OR YEARLY AVERAGE	MANUFACTURED FOODSTUFFS <sup>2</sup>			SEMIMANUFACTURES			FINISHED MANUFACTURES		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1901-1910.....	4,344	135,095	3.1	81,071	119,623	40.4	30,150	256,886	10.5
1911-1915.....	23,626	189,517	11.9	167,863	129,612	56.4	94,832	288,131	24.8
1915-1920 <sup>1</sup> .....	73,142	471,407	13.4	424,243	150,177	73.9	215,704	267,862	44.6
1921-1925.....	56,620	361,469	12.6	411,802	197,423	67.6	253,058	466,817	35.2
1926-1930.....	73,706	324,603	18.5	543,245	218,789	71.3	343,735	538,650	39.0
1931-1935.....	72,466	164,332	30.6	218,078	101,523	68.2	175,245	218,340	44.5
1936-1940.....	73,466	272,056	21.3	337,616	173,434	66.1	199,199	257,532	43.6
1941-1945.....	129,910	270,169	32.5	516,375	218,778	70.2	435,786	188,713	69.8
1946-1950.....	110,454	595,548	15.6	821,812	648,778	55.9	615,689	561,982	52.3
1951-1955.....	153,376	935,981	14.1	1,323,351	1,235,028	51.7	969,419	1,226,397	44.1
1950.....	112,584	785,839	12.5	932,193	1,193,717	43.8	748,095	755,609	49.8
1951.....	136,784	884,861	13.4	1,174,409	1,284,166	47.8	841,287	1,054,572	44.4
1952.....	162,238	930,341	14.1	1,501,856	1,063,808	58.5	956,781	1,136,773	45.7
1953.....	162,945	944,929	14.7	1,405,934	1,272,474	52.5	977,641	1,216,698	44.6
1954.....	156,646	960,494	14.0	1,201,336	1,111,364	51.9	1,001,460	1,194,981	45.6
1955.....	158,269	959,280	14.2	1,333,218	1,443,331	48.0	1,069,927	1,528,959	41.2
1956.....	32,015	1,134,991	2.7	1,439,734	1,564,957	47.9	1,186,521	2,034,477	36.8
1957.....	33,132	1,235,169	2.6	1,369,027	1,551,423	46.9	1,205,705	2,321,047	34.2

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Includes beverages.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.



## No. 1154.—IMPORTS FOR CONSUMPTION, FREE AND DUTIABLE, BY PRINCIPAL COUNTRIES: 1956 and 1957

[In millions of dollars]

COUNTRY	1956				1957			
	Total	Free	Duti- able	Percent free	Total	Free	Duti- able	Percent free
Grand total.....	12,515.7	6,234.5	6,281.2	49.8	12,921.0	6,012.3	6,908.7	46.5
Northern North America.....	2,870.8	1,709.8	1,161.0	59.6	2,917.8	1,699.2	1,218.6	58.2
Canada.....	2,869.2	1,709.2	1,160.4	59.6	2,916.6	1,698.6	1,218.0	58.2
Other.....	1.2	.6	.6	50.0	1.2	.6	.6	50.0
Southern North America.....	1,442.3	692.9	749.4	48.0	1,592.4	750.9	841.5	47.2
Mexico.....	394.9	214.2	180.7	54.2	444.9	217.1	227.8	48.8
Central American countries..	220.8	206.3	14.5	93.4	235.0	213.2	21.8	90.7
Guatemala.....	78.8	75.8	3.0	96.2	75.0	71.1	3.9	94.8
El Salvador.....	48.5	43.8	4.7	90.3	55.6	47.9	7.7	86.2
Other.....	93.5	86.7	6.8	92.7	104.4	94.2	10.2	90.2
Bermuda and Caribbean.....	826.6	272.4	554.2	33.0	912.5	320.6	591.9	35.1
Cuba.....	457.9	64.7	393.2	14.1	477.7	73.1	404.6	15.3
Dominican Republic.....	60.1	44.5	15.6	74.0	63.0	44.2	18.8	70.2
Netherlands Antilles.....	247.6	113.6	134.0	45.9	287.3	137.6	149.7	47.0
Other.....	61.0	49.6	11.4	81.3	84.5	65.7	18.8	77.8
South America.....	2,502.0	1,684.9	817.1	67.3	2,557.3	1,577.1	980.2	61.7
Argentina.....	130.2	64.0	66.2	49.2	128.1	68.4	59.7	53.4
Bolivia.....	41.0	33.5	7.5	81.7	16.2	8.5	7.7	52.5
Brazil.....	745.7	707.4	38.3	94.9	686.6	635.6	51.0	92.6
Chile.....	232.9	224.8	8.1	96.5	195.7	186.1	9.6	95.1
Colombia.....	410.0	382.0	28.0	93.2	383.1	354.8	28.3	92.6
Peru.....	132.7	66.7	66.0	50.3	142.4	66.0	76.4	46.3
Uruguay.....	22.2	1.4	20.8	6.3	14.3	1.3	13.0	9.1
Venezuela.....	701.3	128.6	572.7	18.3	897.9	171.4	726.5	19.1
Other.....	86.0	70.5	9.5	89.0	93.0	85.0	8.0	91.4
Europe.....	2,935.1	711.9	2,223.2	24.3	3,074.0	636.7	2,437.3	20.7
Belgium and Luxembourg.....	301.1	69.0	232.1	22.9	268.4	50.5	217.9	18.8
Finland.....	48.3	33.9	14.4	70.2	40.1	27.7	12.4	69.1
France.....	228.2	41.2	187.0	18.1	255.3	55.0	200.3	21.5
Germany, Western.....	491.3	57.1	434.2	11.6	592.1	63.3	528.8	10.7
Italy.....	213.9	24.0	189.9	11.2	244.0	25.2	218.8	10.3
Netherlands.....	164.5	60.0	104.5	36.5	165.3	48.8	116.5	29.5
Norway.....	71.4	40.3	31.1	56.4	60.0	27.4	32.6	45.7
Spain.....	64.2	8.8	55.4	13.7	58.8	10.8	47.5	18.5
Sweden.....	108.8	53.3	55.5	49.0	118.6	47.2	71.4	39.8
Switzerland.....	177.5	34.0	143.5	19.2	170.0	22.2	147.8	13.1
Turkey.....	73.4	24.2	49.2	33.0	67.8	18.6	48.7	27.6
United Kingdom.....	722.9	185.1	537.8	25.6	756.2	169.6	586.6	22.4
Other.....	269.6	81.0	188.6	30.0	278.4	70.4	208.0	25.3
Asia.....	1,976.7	866.5	1,110.2	43.8	1,981.3	805.9	1,175.4	40.7
Ceylon.....	30.8	29.6	1.2	96.1	32.3	31.3	1.0	96.9
China.....	2	.1	.1	73.3	.1	.1	(1)	57.8
India.....	204.7	62.2	142.5	30.4	204.6	55.6	149.0	27.2
Indonesia.....	190.8	157.4	33.4	82.5	203.3	130.8	72.5	64.3
Japan.....	547.8	69.2	478.6	12.6	602.1	79.8	522.3	13.3
Malaya.....	226.3	224.6	1.7	99.2	192.5	191.0	1.5	99.2
Pakistan.....	36.2	31.3	4.9	86.5	38.6	32.8	5.8	85.0
Republic of Philippines.....	257.0	99.4	157.6	38.7	261.3	101.8	159.5	39.0
Thailand (Siam).....	96.5	93.9	2.6	97.3	85.6	83.7	1.9	97.8
Other.....	386.4	98.8	287.6	25.6	380.9	99.0	281.9	27.4
Australia and Oceania.....	200.5	91.9	108.6	45.8	209.7	82.8	126.9	39.5
Australia.....	137.4	52.2	85.2	38.0	141.3	50.4	90.9	35.7
New Zealand.....	60.2	37.9	22.3	63.0	64.0	29.8	34.2	46.6
Other.....	2.9	1.8	1.1	63.0	4.4	2.6	1.8	59.1
Africa.....	588.3	476.4	111.9	81.0	588.5	459.6	128.9	78.1
Belgian Congo.....	115.9	103.8	12.1	89.6	101.7	85.6	16.1	84.2
Egypt.....	14.8	1.1	13.7	7.4	17.1	1.2	15.9	7.0
Ghana (Gold Coast).....	47.9	32.9	15.0	68.7	40.7	28.9	11.8	71.0
Nigeria.....	42.0	41.8	.2	99.5	25.8	25.6	.2	99.2
Union of South Africa.....	103.6	59.2	44.4	57.1	111.3	58.2	53.1	52.3
Other.....	264.1	237.6	26.5	90.0	291.9	260.1	31.8	89.1

<sup>1</sup> Less than \$50,000.

Source: Department of Commerce, Bureau of Foreign Commerce.

# No. 1155.—DUTIES ON IMPORTS FOR CONSUMPTION, AND RATIO TO DUTIABLE IMPORTS, BY PRINCIPAL COUNTRIES: 1950 TO 1957

[Duties in thousands of dollars. Represents unrevised data based on reports at time of entry]

COUNTRY	DUTIES CALCULATED					RATIO OF DUTIES TO VALUE OF DUTIABLE IMPORTS FOR CONSUMPTION (percent)				
	1950	1954	1955	1956	1957	1950	1954	1955	1956	1957
<b>Grand total</b> .....	522,337	529,109	633,313	709,690	745,962	13.16	11.58	11.95	11.32	10.96
<b>Northern North America</b> .....	61,784	59,366	63,025	68,590	72,989	7.25	6.41	5.99	5.91	6.09
Canada <sup>1</sup> .....	61,721	59,324	62,944	68,530	72,984	7.25	6.41	5.99	5.91	6.05
Other.....	13	42	81	60	55	9.35	8.90	9.00	10.00	9.71
<b>Southern North America</b> .....	69,509	58,933	66,742	68,109	73,589	10.07	9.26	9.48	9.10	8.83
Mexico.....	16,869	14,818	20,981	18,726	23,986	10.03	10.52	11.29	10.37	10.86
Central American countries.....	404	576	588	643	1,100	7.87	7.11	6.76	4.43	5.16
Guatemala.....	97	120	190	200	347	10.52	11.96	9.50	9.67	9.27
El Salvador.....	38	83	29	70	112	7.09	5.61	4.83	1.49	1.46
Other.....	269	423	369	283	641	7.32	6.50	6.05	4.16	6.45
Bermuda and Caribbean.....	52,236	43,539	45,173	48,740	48,503	10.10	8.93	8.87	8.80	8.21
Cuba.....	42,625	38,093	39,845	43,027	42,597	11.05	10.72	10.95	10.94	10.54
Dominican Republic.....	1,031	1,195	1,086	1,382	1,879	10.70	6.96	6.50	8.86	7.39
Netherlands Antilles.....	7,449	2,962	3,357	3,274	3,276	6.65	2.99	2.79	2.45	2.19
Other.....	1,133	1,286	885	1,057	1,251	11.50	8.09	11.06	9.52	6.72
<b>South America</b> .....	74,732	39,881	44,124	45,396	47,811	10.79	6.24	6.39	5.61	4.85
Argentina.....	21,494	9,904	10,956	10,021	9,213	18.02	16.41	16.18	15.16	15.45
Bolivia.....	961	452	303	424	999	16.33	7.00	7.68	5.65	13.03
Brazil.....	3,778	2,464	6,326	2,990	3,448	8.92	7.92	15.50	7.81	6.77
Chile.....	5,433	3,383	879	831	969	10.37	9.66	11.13	10.39	10.12
Colombia.....	1,704	1,239	944	1,073	979	4.50	3.52	3.88	3.83	3.47
Costa Rica.....	5,082	4,766	4,168	5,107	6,279	14.68	9.26	8.22	7.76	8.24
Peru.....	20,808	5,297	8,807	5,221	2,715	22.04	19.63	21.61	25.10	20.92
Uruguay.....	13,467	19,923	16,064	18,889	22,305	4.73	3.44	3.42	3.34	3.04
Venezuela.....	1,960	1,448	677	840	904	9.27	7.74	7.78	8.75	11.33
Other.....	1,960	1,448	677	840	904	9.27	7.74	7.78	8.75	11.33
<b>Europe<sup>1</sup></b> .....	193,852	256,396	304,408	355,263	369,563	19.39	16.98	16.75	15.99	15.57
Belgium and Luxembourg.....	12,632	16,618	21,053	24,631	22,971	11.83	11.73	11.71	10.63	10.62
Finland.....	915	1,602	1,964	1,767	1,523	17.66	12.82	14.13	12.36	12.33
France.....	20,507	21,619	26,048	30,082	30,099	20.51	17.56	16.77	16.09	15.56
Germany.....	14,260	38,625	62,098	66,694	75,887	18.12	17.05	16.28	15.37	14.82
Italy.....	19,724	23,761	30,068	36,118	38,829	23.17	20.00	19.83	19.02	19.13
Netherlands.....	5,321	8,731	8,916	9,870	10,816	9.93	8.18	9.11	9.44	9.47
Norway.....	3,182	2,248	2,697	2,192	2,201	11.19	9.51	8.48	7.05	7.15
Spain.....	7,434	8,182	8,288	8,680	7,551	18.46	16.90	16.85	15.67	16.07
Sweden.....	2,180	3,966	5,322	6,736	8,476	14.23	13.52	13.27	12.14	12.10
Switzerland.....	32,564	36,474	39,203	42,741	43,416	31.44	28.84	30.32	29.87	30.48
Turkey <sup>2</sup> .....	9,677	10,186	9,836	9,188	9,188	22.74	22.74	22.64	20.03	18.32
United Kingdom.....	55,510	64,488	75,792	90,088	91,225	20.72	18.00	17.50	16.76	15.97
Other.....	19,623	20,605	22,773	25,828	27,311	17.11	13.40	13.40	13.68	13.67
<b>Asia<sup>1</sup></b> .....	80,684	83,995	119,069	142,019	152,168	16.50	14.71	15.04	12.82	13.15
British Malaya.....	118	161	146	219	168	11.76	13.54	12.17	12.88	11.85
Ceylon.....	65	81	153	101	79	8.00	9.73	10.93	8.42	8.24
China.....	13,262	21	24	7	7	16.20	25.00	24.00	7.00	26.92
India.....	7,398	7,406	12,943	9,424	8,872	5.48	6.25	8.97	6.62	5.99
Indonesia.....	893	1,926	1,651	1,579	2,752	17.41	6.40	5.71	4.73	3.79
Japan.....	35,307	55,129	81,960	106,409	115,030	27.94	25.43	23.30	22.24	22.59
Pakistan.....	70	82	119	300	309	10.00	7.89	7.93	6.12	5.39
Republic of Philippines.....	106	128	297	1,282	1,378	47.53	10.79	11.00	0.81	0.86
Thailand (Siam).....	385	497	608	353	208	21.13	21.53	20.97	13.58	13.69
Turkey <sup>2</sup> .....	12,298	12,298	12,298	12,298	12,298	29.53	29.53	29.53	29.53	29.53
Other.....	10,782	18,564	21,168	22,345	23,365	11.42	8.96	8.24	7.82	9.03
<b>Australia and Oceania</b> .....	29,164	18,113	20,965	18,928	18,857	20.78	16.42	18.06	17.43	14.91
Australia.....	23,846	13,918	17,077	14,283	13,092	20.07	15.47	17.70	16.76	14.46
New Zealand.....	5,287	4,047	3,708	4,489	5,638	24.93	21.27	20.83	20.13	16.50
Other.....	31	148	180	156	127	9.64	11.14	10.00	14.18	7.26
<b>Africa</b> .....	12,662	12,425	14,980	11,385	10,985	12.21	10.62	11.68	10.17	8.57
Belgian Congo.....	90	763	1,093	796	963	9.70	9.40	9.26	6.63	5.99
Egypt.....	2,246	1,425	1,807	1,175	1,127	7.38	7.82	7.53	8.58	7.09
Ghana (Gold Coast).....	940	492	745	759	618	10.89	4.89	4.87	5.06	5.26
Nigeria.....	74	14	38	14	14	7.28	8.86	9.50	7.00	8.09
Union of South Africa.....	5,955	6,353	7,308	5,479	4,965	13.36	11.70	15.82	12.34	9.43
Other.....	3,357	3,378	3,980	3,162	3,298	18.53	12.93	13.04	11.84	10.44

<sup>1</sup> Includes Newfoundland and Labrador.

<sup>2</sup> Turkey included in Europe as of January 1, 1952.

Source: Treasury Department, Bureau of Customs.

## Section 33

### Territories, Possessions, and Other Areas Under the Jurisdiction of the United States

This section presents summary statistics on the industrial, social, and agricultural organization of the United States Territories, Alaska and Hawaii; the principal possessions, Virgin Islands, Guam, and American Samoa; the Commonwealth of Puerto Rico; and the Canal Zone. Primary sources of these data are the decennial censuses of population, housing, and agriculture, and the quinquennial censuses of business and manufactures conducted by the Bureau of the Census; the annual *Vital Statistics of the United States* issued by the National Office of Vital Statistics; the *Biennial Survey of Education* published by the Office of Education; and the *Quarterly Summary of Foreign Commerce of the United States* and *United States Trade with Puerto Rico and with United States Possessions* issued by the Bureau of the Census. Additional information also appears in the *Minerals Yearbook* of the Bureau of Mines, and the *Statistical Yearbook* published by the Bureau of Economics and Statistics of the Puerto Rico Planning Board.

**Jurisdiction.**—The circumstances under which the United States gained jurisdiction over its Territories, and those possessions and other areas for which statistics are included in this section, are as follows:

Alaska was acquired by purchase from Russia in 1867 and was organized as a Territory in 1912. In July 1958, President Eisenhower signed an enabling act passed by Congress for admission of Alaska as a State. Final steps to achieve statehood, however, still remained to be taken by Alaska.

Hawaii, by voluntary action, ceded its sovereignty to the United States in 1898 and was organized as a Territory on June 14, 1900.

The islands of Puerto Rico and Guam were surrendered by Spain to the United States in October 1898, and were ceded to the United States by the Treaty of Paris, signed December 10, 1898, and ratified in the following year. Puerto Rico acquired the status of a commonwealth on July 25, 1952.

The Virgin Islands, formerly known as the Danish West Indies, were acquired by the United States by purchase from Denmark in 1917.

American Samoa was acquired by the United States in accordance with a convention between the United States, Great Britain, and Germany, signed December 2, 1899, and ratified February 16, 1900.

The use, occupation, and control of the Canal Zone were granted to the United States under the terms of a treaty with the Republic of Panama, signed November 18, 1903, and ratified in the following year.

For a brief summary of the territorial development of the United States, see tables 4 and 198 in sections 1 and 6, respectively.

**Censuses.**—As a result of the differences in the population and housing characteristics and the varieties of agricultural products among the Territories, possessions, etc., the presentation of census data varies among areas. The tables in this section give, as nearly as possible, comparable data for the areas. The 1950 Census of Population covered all of the areas listed above; the 1950 Census of Agriculture did likewise, excepting the Canal Zone; the 1950 Census of Housing covered only Alaska,

**Note.**—This section presents data for the most recent year or period available on June 19, 1958, when the material was organized and sent to the printer.

Hawaii, Puerto Rico, and the Virgin Islands. The 1954 Censuses of Business, Manufactures, and Mineral Industries covered establishments operated in Alaska and Hawaii. Separate Censuses of Business and Manufactures were also conducted in Puerto Rico for 1954.

For definition and explanation of terms used, see section 1, Population; section 24, Agriculture—General Statistics; section 25, Agriculture—Production and Related Subjects; section 29, Construction and Housing; section 30, Manufactures; and section 31, Distribution and Services.

**Commerce.**—Data on foreign commerce presented here show the total foreign trade of Puerto Rico and each of the United States Territories and possessions; figures on trade with the United States separately are also presented for Puerto Rico and for certain of the possessions. The trade with foreign countries represents exports and imports through the respective customs districts and does not necessarily represent exports of commodities originating within the designated territory, commonwealth, or possession, nor imports for direct consumption within the territory, commonwealth, or possession.

**Information in other sections.**—In addition to the specialized statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract*.

No. 1156.—POPULATION CHARACTERISTICS—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, GUAM, AMERICAN SAMOA, AND CANAL ZONE: 1930 TO 1950

ITEM	Alaska	Hawaii <sup>1</sup>	Puerto Rico	Virgin Islands	Guam	American Samoa	Canal Zone
AREA AND POPULATION							
Land area, 1950.....sq. mi....	571,065	6,407	3,423	132	203	76	362
Population:							
1930.....	<sup>2</sup> 59,278	<sup>3</sup> 368,336	1,543,913	22,012	18,509	10,055	39,467
1940.....	<sup>2</sup> 72,524	<sup>3</sup> 423,330	1,869,255	24,889	22,290	12,908	51,827
1950.....	128,643	499,794	2,210,708	26,665	59,498	18,937	52,822
Per square mile.....	<sup>4</sup> 23	78	646	202	293	249	146
Percent increase, 1940 to 1950.....	77.4	18.1	18.3	7.1	166.9	46.7	1.9
Urban <sup>5</sup> .....	34,262	344,860	894,813	15,581			
Rural <sup>5</sup> .....	94,381	154,925	1,315,890	11,084			
Male.....	79,472	273,895	1,110,946	13,075	40,485	9,818	30,729
Female.....	49,171	225,899	1,099,757	13,590	19,013	9,119	22,093
Married couples.....	23,317	88,510	254,770	2,644	6,455	2,566	10,281
Households, number.....	31,047	112,095	429,429	7,742	7,373	2,687	11,507
Population in households.....	100,779	463,230	2,177,898	25,854	36,816	18,033	42,530
Population per household.....	3.25	4.13	5.07	3.34	4.99	6.71	8.70
Quasi households, population.....	27,864	36,564	32,805	811	22,682	904	10,286
MARITAL STATUS, 1950							
Persons 14 years old and over.....	96,008	351,389	1,301,130	16,789	44,133	10,596	38,595
Male.....	62,775	197,874	<sup>6</sup> 649,414	<sup>6</sup> 8,118	32,572	5,428	23,433
Single.....	27,289	81,921	264,854	3,538	17,952	2,373	10,428
Married.....	30,380	103,470	274,597	3,309	12,932	2,872	12,097
Widowed or divorced.....	5,106	12,483	27,631	416	1,688	183	908
Female.....	33,233	153,515	<sup>6</sup> 651,716	<sup>6</sup> 8,671	11,561	5,168	15,162
Single.....	5,570	43,447	193,897	3,373	3,044	1,608	3,301
Married.....	24,441	94,521	282,078	3,318	6,826	2,951	10,898
Widowed or divorced.....	3,222	15,547	83,750	1,105	1,091	609	963
LABOR FORCE, 1950							
Total labor force.....	67,311	207,971	597,487	9,021	( <sup>7</sup> )	( <sup>7</sup> )	24,900
Civilian labor force.....	49,969	185,115	591,909	8,809	( <sup>7</sup> )	( <sup>7</sup> )	15,255
Male.....	34,801	134,531	453,483	5,994	( <sup>7</sup> )	( <sup>7</sup> )	11,302
Employed.....	31,240	120,980	428,934	5,048	<sup>8</sup> 15,584	<sup>8</sup> 3,674	10,894
Unemployed.....	3,561	13,545	24,549	306	( <sup>7</sup> )	( <sup>7</sup> )	408
Female.....	12,168	50,584	138,423	2,855	( <sup>7</sup> )	( <sup>7</sup> )	3,953
Employed.....	11,149	46,602	131,337	2,021	<sup>8</sup> 3,087	<sup>8</sup> 1,976	3,564
Unemployed.....	1,019	3,982	7,089	234	( <sup>7</sup> )	( <sup>7</sup> )	389
Employed persons by industry group.....	42,389	167,588	560,271	8,260	<sup>8</sup> 18,671	<sup>8</sup> 5,650	14,458
Agriculture, forestry, and fisheries.....	5,626	31,789	215,979	1,661	1,189	( <sup>7</sup> )	( <sup>7</sup> )
Mining.....	1,338	168	1,481		38	( <sup>7</sup> )	( <sup>7</sup> )
Construction.....	5,635	11,662	27,019	939	6,269	( <sup>7</sup> )	( <sup>7</sup> )
Manufacturing.....	3,957	21,292	92,564	464	401	( <sup>7</sup> )	( <sup>7</sup> )
Transportation, communication, and other public utilities.....	5,413	13,179	31,078	613	2,750	( <sup>7</sup> )	( <sup>7</sup> )
Wholesale and retail trade.....	5,430	31,650	68,249	1,088	1,837	( <sup>7</sup> )	( <sup>7</sup> )
Finance, insurance, and real estate.....	540	3,951	3,501	97	85	( <sup>7</sup> )	( <sup>7</sup> )
Business and repair services.....	708	4,123	6,545	119	362	( <sup>7</sup> )	( <sup>7</sup> )
Personal services.....	1,720	10,883	43,232	1,436	998	( <sup>7</sup> )	( <sup>7</sup> )
Entertainment and recreation services.....	351	2,712	4,472	54	68	( <sup>7</sup> )	( <sup>7</sup> )
Professional and related services.....	3,052	16,722	34,012	767	943	( <sup>7</sup> )	( <sup>7</sup> )
Public administration.....	7,193	18,438	24,642	803	3,556	( <sup>7</sup> )	( <sup>7</sup> )
Industry not reported.....	1,426	1,019	7,498	228	175	( <sup>7</sup> )	( <sup>7</sup> )
INCOME IN 1949 OF PERSONS 14 YEARS OLD AND OVER, 1950 <sup>9</sup>							
Persons 14 years old and over.....	96,008	<sup>10</sup> 153,690	1,301,130	16,789	44,133	10,596	38,595
Number reporting income.....	<sup>10</sup> 86,069	148,835	<sup>11</sup> 1,279,981	<sup>12</sup> 16,078	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Under \$300.....	8,334	16,730	277,186	3,573	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$300 to \$499.....			108,295	1,670	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$500 to \$699.....	8,387	7,815	59,887	1,176	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$700 to \$999.....			58,212	1,061	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$1,000 to \$1,499.....			66,891	971	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$1,500 to \$1,999.....	16,705	12,680	27,708	458	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$2,000 to \$2,499.....			13,333	267	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$2,500 to \$2,999.....	8,577	31,220	6,221	151	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$3,000 to \$3,999.....	8,409	23,600	9,179	194	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$4,000 to \$4,999.....	6,517	13,215	3,991	98	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$5,000 to \$6,999.....	7,839	15,025	7,570	202	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
\$7,000 and over.....	3,312	14,080			( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Income not reported.....	9,939	4,855	21,149	711	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Median income.....dollars.....	<sup>13</sup> 2,072	2,728	<sup>13</sup> 378	460	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )

See footnotes at end of table.

No. 1156.—POPULATION CHARACTERISTICS—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, GUAM, AMERICAN SAMOA, AND CANAL ZONE: 1930 TO 1950—Continued

ITEM	Alaska	Hawaii <sup>1</sup>	Puerto Rico	Virgin Islands	Guam	American Samoa	Canal Zone
SCHOOL ENROLLMENT, 1950							
Persons enrolled in school, 5 to 29 years old.....	18,517	109,970	416,206	7,034	(?)	(?)	(?)
5 and 6 years.....	1,260	8,170	10,435	959	238	380	733
7 to 13 years.....	11,122	59,185	279,019	4,288	5,779	3,065	5,094
14 to 17 years.....	4,531	29,500	84,685	1,485	2,567	1,388	1,998
18 and 19 years.....	759	7,060	18,051	201	4	448	517
20 to 24 years.....	598	4,310	13,373	61	9	376	280
25 to 29 years.....	247	1,755	10,043	40	(?)	(?)	(?)
YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, 1950							
Total persons, 25 years old and over.....	66,576	247,480	842,266	12,206	24,853	6,383	26,893
Years of school completed:							
None: Male.....	2,293	16,460	120,340	378	906	504	351
Female.....	1,989	9,725	160,345	353	850	874	186
1 to 4 years:							
Male.....	2,681	20,940	140,332	1,286	3,102	613	1,113
Female.....	1,632	11,945	125,439	1,416	2,378	831	823
5 to 8 years:							
Male.....	11,023	38,595	106,502	2,832	4,387	1,684	5,297
Female.....	4,637	33,210	88,558	3,465	1,502	1,207	3,955
High school: <sup>14</sup>							
Male.....	16,999	47,845	42,082	808	6,248	185	5,197
Female.....	10,687	37,665	27,757	788	1,893	65	4,154
College or more: <sup>14</sup>							
Male.....	7,526	14,270	15,405	348	2,172	101	2,849
Female.....	5,541	13,515	13,198	248	1,084	48	2,053
Median school years completed.....	11.3	8.7	3.7	6.2	8.4	5.3	9.9

<sup>1</sup> Data for married couples, income of families and unrelated individuals, school enrollment and years of school completed based on 20-percent sample. <sup>2</sup> Censuses taken in 1929 and 1939.

<sup>3</sup> Includes population (39 in 1930; 560 in 1940) for areas enumerated with, but which do not form part of Territory of Hawaii. <sup>4</sup> Per 100 square miles.

<sup>5</sup> Urban population is that living in cities, towns, or villages of 2,500 or more. The remainder is classified as rural. <sup>6</sup> Includes consensually married. <sup>7</sup> Not available.

<sup>8</sup> Worked as civilians in 1949. <sup>9</sup> For Hawaii, income is for families and unrelated individuals.

<sup>10</sup> Includes 17,989 persons with no income.

<sup>11</sup> Includes 641,608 persons with no income.

<sup>12</sup> Includes 6,257 persons with no income.

<sup>13</sup> Median computed on basis of those persons reporting income greater than zero, excludes those reporting no income. <sup>14</sup> Represents persons completing 1 or more years.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II.

No. 1157.—ESTIMATED POPULATION OF ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, AND CANAL ZONE: 1940 TO 1957

[As of July 1. Total population estimates include estimates of Armed Forces stationed in area]

YEAR	ALASKA		HAWAII		PUERTO RICO		VIRGIN ISLANDS		CANAL ZONE	
	Total	Civilian	Total	Civilian	Total	Civilian	Total	Civilian	Total	Civilian
1940.....	75,000	74,000	428,000	398,000	1,880,000	1,876,000	25,000	24,900	57,000	56,500
1945.....	139,000	79,000	815,000	460,000	2,099,000	2,068,000	26,700	26,300	87,800	45,600
1946.....	99,000	80,000	545,000	489,000	2,141,000	2,125,000	27,100	27,000	66,800	48,100
1947.....	108,000	83,000	526,000	483,000	2,162,000	2,154,000	27,200	27,100	64,600	47,400
1948.....	120,000	93,000	517,000	484,000	2,187,000	2,178,000	26,900	26,900	63,800	47,200
1949.....	130,000	100,000	511,000	480,000	2,197,000	2,188,000	26,700	26,700	61,100	45,600
1950.....	137,000	111,000	491,000	470,000	2,207,000	2,202,000	27,000	27,000	58,000	42,000
1951.....	161,000	123,000	514,000	470,000	2,234,000	2,215,000	25,000	25,000	56,000	42,000
1952.....	191,000	141,000	522,000	467,000	2,227,000	2,202,000	21,000	24,000	58,000	42,000
1953.....	205,000	156,000	523,000	475,000	2,213,000	2,185,000	27,000	27,000	57,000	42,000
1954.....	208,000	159,000	522,000	484,000	2,229,000	2,206,000	24,000	24,000	54,000	40,000
1955.....	208,000	159,000	560,000	503,000	2,263,000	2,248,000	24,000	24,000	53,000	39,000
1956.....	206,000	161,000	584,000	526,000	2,267,000	2,258,000	(1)	(1)	(1)	(1)
1957 <sup>2</sup> .....	(1)	165,000	(1)	554,000	(1)	2,272,000	(1)	(1)	(1)	(1)

<sup>1</sup> Not available. <sup>2</sup> Provisional.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-26.

**No. 1158.—POPULATION, BY AGE AND SEX, OF ALASKA, HAWAII, AND PUERTO RICO, AND BY AGE FOR GUAM AND VIRGIN ISLANDS: 1930 TO 1950**

AGE	ALASKA					HAWAII				
	1929	1939	1950			1930	1940	1950		
			Total	Male	Female			Total	Male	Female
<b>Total, all ages<sup>1</sup></b> .....	59,278	72,524	128,643	79,472	49,171	368,336	423,390	499,794	273,895	225,899
Under 9 years.....	12,434	14,410	26,223	13,358	12,865	95,299	83,516	115,785	59,443	56,342
10 to 19 years.....	9,830	11,707	18,673	11,602	7,071	71,532	95,832	84,260	43,869	40,391
20 to 29 years.....	8,430	13,046	31,178	21,342	9,836	79,438	93,406	100,040	53,506	46,534
30 to 39 years.....	8,221	11,052	23,005	14,049	8,956	49,725	62,275	80,417	45,787	34,630
40 to 49 years.....	8,496	8,086	14,122	8,708	5,414	34,393	39,598	53,889	33,268	20,621
50 to 59 years.....	6,548	7,303	7,965	5,195	2,770	23,383	26,244	32,831	18,149	14,682
60 and over.....	5,180	6,669	7,477	5,218	2,259	14,463	22,304	32,572	19,873	12,699
Median age.....	28.7	27.8	25.8	26.1	25.3	22.0	23.2	24.9	26.2	23.6

AGE	PUERTO RICO					GUAM			VIRGIN ISLANDS		
	1930	1940	1950			1930	1940	1950	1930	1940	1950
			Total	Male	Female						
<b>Total, all ages<sup>1</sup></b> .....	1,543,913	1,869,255	2,210,703	1,110,946	1,099,757	18,509	22,290	59,498	22,012	24,889	26,665
Under 9 years.....	450,490	532,092	684,549	346,382	338,167	5,618	7,007	12,021	4,743	5,608	7,651
10 to 19 years.....	385,487	433,240	490,968	247,590	243,368	4,084	5,056	11,246	4,174	4,753	5,102
20 to 29 years.....	249,116	354,334	350,922	167,424	183,498	3,326	3,889	18,653	2,962	4,214	3,626
30 to 34 years.....	94,709	102,590	131,737	66,583	65,154	1,188	1,456	5,452	1,239	1,509	1,697
35 to 44 years.....	104,904	187,110	224,349	114,907	109,439	1,794	2,149	6,805	2,731	2,510	2,746
45 to 54 years.....	103,163	125,993	140,982	76,460	70,522	1,181	1,411	3,230	2,721	2,446	2,202
55 to 64 years.....	56,418	69,831	95,631	50,634	44,997	850	936	1,203	1,783	2,056	1,830
65 and over.....	39,404	63,106	85,678	40,966	44,612	468	675	798	1,655	1,774	2,011
Median age.....	18.3	19.2	18.4	18.2	18.6	18.8	17.9	22.8	-----	24.6	22.0

<sup>1</sup> Includes age not reported for years prior to 1950.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II.

**No. 1159.—POPULATION BY RACE, NATIVITY, AND SEX, WITH MALES PER 100 FEMALES, OF ALASKA, HAWAII, AND PUERTO RICO: 1930 TO 1950**

NATIVITY AND RACE	1930		1940		1950		MALES PER 100 FEMALES		
	Male	Female	Male	Female	Male	Female	1930	1940	1950
<b>Alaska, total<sup>1</sup></b> .....	35,764	23,514	43,003	29,521	79,472	49,171	152.1	145.7	161.6
White.....	19,904	8,736	25,595	13,575	60,390	32,418	227.8	188.5	186.3
Native.....	11,615	6,945	18,651	11,733	55,846	30,486	165.8	159.0	183.2
Foreign born.....	8,389	1,701	6,944	1,842	4,644	1,932	468.4	377.0	235.2
Aboriginal stock.....	16,359	14,624	16,790	15,668	17,548	16,315	105.0	107.2	107.6
Alut.....	(2)	(2)	2,968	2,631	2,110	1,782	(2)	112.8	118.4
Eskimo.....			8,034	7,542	8,200	7,682		106.5	106.7
Indian.....			5,788	5,495	7,238	6,851		105.3	105.6
Other races.....			618	278	1,534	438		223.3	350.2
<b>Hawaii, total</b> .....	222,640	145,696	245,135	178,195	273,895	225,899	152.8	137.6	121.2
Native.....	180,627	119,172	214,645	156,072	221,553	201,621	151.6	137.5	109.9
Foreign born.....	42,013	26,524	30,490	22,123	52,342	24,278	158.4	137.8	215.6
Hawaiian.....	25,353	25,507	32,063	32,247	42,785	43,306	99.4	99.4	98.8
Caucasian.....	48,706	31,667	64,473	39,318	65,409	49,384	153.8	164.0	132.4
Chinese.....	16,561	10,618	16,131	12,643	17,044	15,332	166.0	127.6	111.2
Filipino.....	52,666	10,486	40,791	11,778	43,557	17,514	501.3	346.3	248.7
Japanese.....	75,008	64,623	82,820	75,085	93,250	91,361	116.1	110.3	102.1
Other races.....	4,446	2,795	8,857	7,124	11,850	9,002	159.1	124.3	131.6
<b>Puerto Rico, total</b> .....	771,761	772,152	938,280	930,975	1,110,946	1,099,757	99.9	100.8	101.0
Native.....	767,683	770,213	935,088	929,128	1,106,176	1,096,074	99.7	100.6	100.9
Foreign born.....	4,078	1,939	3,192	1,847	4,770	3,683	210.3	172.8	129.5
White.....	574,369	572,350	718,398	712,346	883,602	878,809	100.4	100.8	100.5
Negro.....	197,392	199,802	219,882	218,629	226,293	220,655	98.8	100.6	102.6
Other races.....					1,051	293	-----	-----	358.7

<sup>1</sup> Censuses taken in 1929 and 1939.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II.

**No. 1160.—BIRTHS, DEATHS, MARRIAGES, AND DIVORCES, IN ALASKA, 1945 TO 1956, AND IN HAWAII, PUERTO RICO, AND VIRGIN ISLANDS, 1940 TO 1956**

[By place of occurrence. Births and deaths are registered births and deaths only. Rates for 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		DEATHS UNDER 1 YEAR		MARRIAGES		DIVORCES <sup>3</sup>	
	Number	Rate per 1,000 population <sup>1</sup>	Number	Rate per 1,000 population <sup>2</sup>	Number	Rate per 1,000 live births	Number	Rate per 1,000 population <sup>2</sup>	Number	Rate per 1,000 population <sup>1</sup>
<b>Alaska:</b>										
1945.....	1,829	23.2	1,213	8.7	138	75.5	1,306	9.4	4,307	43.9
1950.....	3,725	29.0	1,253	9.7	193	51.8	1,722	13.4	451	3.5
1953.....	6,779	33.1	1,286	6.3	279	41.2	1,842	9.0	569	2.8
1954.....	7,038	33.8	1,194	5.7	247	35.1	1,884	9.1	543	2.6
1955.....	7,346	35.1	1,204	5.8	275	37.4	1,915	9.2	559	2.7
1956.....	7,619	37.0	1,228	6.0	314	41.2	1,827	8.9	583	2.8
<b>Hawaii:</b>										
1940.....	9,414	22.2	3,089	7.3	421	44.7	5,355	12.6	946	2.2
1945.....	12,305	26.8	3,396	4.2	336	27.3	4,978	6.1	1,530	3.3
1950.....	14,054	28.1	2,919	5.8	337	24.0	5,575	11.2	1,173	2.3
1953.....	16,108	30.8	2,905	5.6	337	20.9	5,633	10.8	1,237	2.5
1954.....	16,202	31.0	2,995	5.7	363	22.4	5,362	10.3	1,270	2.4
1955.....	16,319	29.1	3,212	5.7	336	20.6	5,431	9.7	1,343	2.4
1956.....	17,106	29.3	3,145	5.4	386	22.6	5,158	8.8	1,305	2.2
<b>Puerto Rico:</b>										
1940.....	72,388	38.7	34,463	18.4	8,221	113.6	19,457	10.4	2,600	1.4
1945.....	86,680	41.9	28,837	13.7	8,064	93.0	17,490	8.3	3,247	1.6
1950.....	86,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1953.....	77,754	35.1	17,972	8.1	4,885	62.8	( <sup>7</sup> )	( <sup>7</sup> )	5,000	2.3
1954.....	77,832	34.9	16,783	7.5	4,482	57.6	19,437	8.7	4,688	2.1
1955.....	77,830	34.4	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.0
1956.....	78,284	34.5	16,566	7.3	4,311	55.1	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
<b>Virgin Islands:</b>										
1940.....	756	30.4	553	22.2	103	136.2	9122	94.9	( <sup>7</sup> )	( <sup>7</sup> )
1945.....	984	37.4	401	15.0	122	124.0	9238	98.9	52	2.0
1950.....	894	33.5	374	14.0	51	57.0	9138	95.2	271	10.2
1953.....	871	32.3	279	11.2	36	41.3	247	9.9	236	9.4
1954.....	879	36.6	301	12.5	34	38.7	243	10.1	123	5.1
1955.....	913	38.0	311	13.0	41	44.9	221	9.2	103	4.3
1956.....	977	( <sup>7</sup> )	354	( <sup>7</sup> )	65	66.5	305	( <sup>7</sup> )	129	( <sup>7</sup> )

<sup>1</sup> 1945 based on civilian population in area; other years based on total population present in area.

<sup>2</sup> Based on total population present in area.

<sup>3</sup> Includes reported annulments. <sup>4</sup> Excludes annulments.

<sup>5</sup> Based on a 50-percent sample. <sup>6</sup> Source: *Forty-third Annual Report of the Governor of Puerto Rico*.

<sup>7</sup> Not available. <sup>8</sup> Estimated. <sup>9</sup> Marriage licenses; for year ending June 30.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

**No. 1161.—HOUSING CHARACTERISTICS—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, AND VIRGIN ISLANDS: 1950**

SUBJECT	Alaska	Hawaii	Puerto Rico	Virgin Islands
<b>ALL DWELLING UNITS</b>				
Number of dwelling units.....	33,072	120,606	453,572	8,370
Median number of rooms per unit.....	( <sup>1</sup> )	( <sup>1</sup> )	3.2	1.9
Percent of dwelling units:				
In one-dwelling-unit detached structures.....	77.1	71.9	83.0	64.5
In structures built in 1940 or later.....	48.0	30.6	50.6	14.9
With running water, private toilet and bath, not dilapidated.....	48.6	58.6	15.1	( <sup>1</sup> )
With flush toilet inside structure, exclusive use.....	54.8	78.1	16.7	13.1
With installed bathtub or shower, exclusive use.....	52.8	80.6	25.6	12.6
Vacant, available <sup>3</sup> .....	2.8	2.4	1.0	2.5
Using wood as exterior material.....	89.8	93.1	78.3	70.2
With electric lights.....	77.9	96.7	49.1	52.6
<b>OCCUPIED DWELLING UNITS</b>				
Number of occupied dwelling units.....	30,329	112,290	431,800	7,765
Owner occupied.....	16,537	37,025	282,172	2,177
Renter occupied.....	13,792	75,265	149,128	5,588
Median number of persons per unit.....	2.8	3.8	4.7	2.5
Percent of occupied dwelling units:				
In one-dwelling-unit detached structures.....	76.1	71.8	82.9	64.0
With 1.51 or more persons per room.....	22.8	11.8	43.7	35.8
Median value (owner-occupied units) <sup>4</sup> .....	\$3,477	\$12,283	\$667	\$1,317
Median contract monthly rent (renter-occupied units) <sup>5</sup> .....	\$59.24	\$32.34	\$10.01	\$4.88

<sup>1</sup> Not available. <sup>2</sup> With running water from municipal water system.

<sup>3</sup> Represents not dilapidated, for rent or sale.

<sup>4</sup> Represents nonfarm units, except in Hawaii where farm is also included; restricted to 1-dwelling-unit structures, including land. <sup>5</sup> Represents nonfarm units, except in Hawaii where farm is also included.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*; Vol. I.



**No. 1162.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND CANAL ZONE: 1954**

ITEM	Alaska	Hawaii	Puerto Rico	Virgin Islands	Guam	Canal Zone
Enrollment.....	27, 676	—	505, 151	5, 481	10, 205	11, 887
Elementary <sup>1</sup> .....	23, 808	—	447, 904	3, 993	8, 526	9, 733
Secondary <sup>2</sup> .....	3, 868	—	57, 247	1, 488	1, 679	2, 104
High-school graduates.....	577	4, 775	8, 915	—	204	349
Average daily attendance.....	1,000	103	451	—	10	10
As percent of enrollment.....	73.8	—	89.4	—	95.9	85.3
Average length of term in days.....	172.0	178.0	191.0	—	176.0	174.4
Average number of days attended per enrollee.....	127.0	—	170.7	—	168.8	148.8
Instructional staff.....	1, 049	3, 904	10, 757	—	388	405
Supervisors or consultants.....	1	39	202	—	5	10
Principals.....	28	169	407	—	21	18
Teachers.....	1, 013	3, 590	10, 010	—	359	370
Male.....	241	672	1, 679	—	60	129
Female.....	772	2, 918	8, 031	—	299	241
Other nonsupervisory instructional personnel.....	7	106	148	—	3	7
Salaries: Supervisors, principals, and teachers, and other nonsupervisory instructional personnel \$1,000.....	5, 262	16, 286	20, 689	—	1, 311	1, 622
Average salary.....dollars.....	5, 016	4, 172	1, 922	—	3, 379	4, 005
Total expenditures.....\$1,000.....	9, 396	25, 571	41, 843	—	2, 168	3, 457
Current expenditures <sup>3</sup> .....do.....	8, 409	23, 313	37, 796	—	1, 685	2, 370
Per pupil <sup>4</sup> .....dollars.....	411.46	225.92	83.72	—	172.10	233.63
Capital outlay.....\$1,000.....	987	2, 007	1, 482	—	390	897
Per pupil <sup>4</sup> .....dollars.....	48.30	19.45	3.28	—	39.84	88.38
Expenditures for adult and summer schools, community services, and community colleges.....\$1,000.....	—	251	2, 565	—	93	190

<sup>1</sup> Kindergarten to grade eight, inclusive.

<sup>2</sup> Ninth grade to post-graduate, inclusive.

<sup>3</sup> Allocable to public day-school pupils.

<sup>4</sup> Annual expenditure per pupil in average daily attendance.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1952-54*.

**No. 1163.—FARMS AND FARM PROPERTY—SUMMARY FOR ALASKA, HAWAII, AND PUERTO RICO**

[Figures are as of April 1, except 1930 figures for Alaska, as of October 1]

ITEM	ALASKA		HAWAII		PUERTO RICO		
	1939	1950	1940	1950	1930	1940	1950
<b>Number of farms, total.....</b>	<b>623</b>	<b>525</b>	<b>4, 995</b>	<b>5, 750</b>	<b>52, 965</b>	<b>55, 519</b>	<b>53, 515</b>
Operated by owners.....	471	495	1, 345	2, 335	43, 101	42, 090	50, 184
Operated by managers.....	27	10	123	109	3, 374	1, 303	421
Operated by tenants.....	125	20	3, 527	3, 306	6, 490	11, 226	2, 910
<b>Land in farms, total <sup>1</sup>.....</b>	<b>1, 775, 752</b>	<b>421, 799</b>	<b>2, 485, 648</b>	<b>2, 432, 069</b>	<b>1, 979, 474</b>	<b>1, 885, 874</b>	<b>1, 844, 886</b>
Operated by owners.....	51, 566	62, 510	490, 396	493, 212	1, 166, 976	1, 072, 144	1, 378, 626
Operated by managers.....	526, 619	157, 152	1, 882, 113	1, 897, 242	676, 760	573, 699	340, 194
Operated by tenants.....	1, 197, 567	202, 137	113, 139	41, 615	135, 738	240, 031	126, 066
<b>Number of farms, by size: <sup>1</sup></b>							
Under 10 acres or cuerdas.....	75	58	2, 870	3, 558	26, 520	29, 370	27, 985
10 to 19 acres or cuerdas.....	24	19	952	979	11, 067	11, 288	10, 538
20 to 49 acres or cuerdas.....	86	58	730	690	8, 835	8, 575	8, 687
50 to 99 acres or cuerdas.....	117	81	163	193	3, 351	3, 200	3, 166
100 to 174 acres or cuerdas.....	190	231	60	105	1, 570	1, 504	1, 440
175 to 259 acres or cuerdas.....	26	32	40	41	674	646	627
260 acres or cuerdas and over.....	105	46	171	184	948	986	1, 072
<b>Land in farms, by size of farm: <sup>1</sup></b>							
Under 10 acres or cuerdas.....	307	245	11, 344	13, 184	131, 432	145, 438	143, 008
10 to 19 acres or cuerdas.....	306	242	12, 892	13, 038	147, 603	151, 510	144, 449
20 to 49 acres or cuerdas.....	3, 288	2, 185	23, 030	20, 533	264, 712	258, 563	263, 720
50 to 99 acres or cuerdas.....	8, 403	6, 047	11, 228	13, 061	226, 464	215, 540	216, 148
100 to 174 acres or cuerdas.....	28, 295	34, 000	7, 579	13, 683	201, 928	191, 678	186, 559
175 to 259 acres or cuerdas.....	5, 469	6, 721	8, 475	8, 088	143, 884	135, 568	133, 055
260 acres or cuerdas and over.....	1, 729, 694	372, 359	2, 411, 100	2, 349, 887	863, 551	787, 577	757, 967
<b>Value of farm property (\$1,000):</b>							
Land and buildings.....	3, 841	6, 544	112, 788	195, 277	182, 112	173, 863	( <sup>2</sup> )
Implements and machinery.....	377	( <sup>2</sup> )	13, 805	( <sup>2</sup> )	4, 617	8, 445	( <sup>2</sup> )

<sup>1</sup> For Alaska and Hawaii, figures are for acres and for Puerto Rico, cuerdas (0.9712 acre).

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1960*, Vol. I.

# No. 1164.—DOMESTIC AND OTHER ANIMALS ON FARMS, BY KIND—SUMMARY FOR ALASKA, HAWAII, AND PUERTO RICO

[Figures are as of April 1, except 1939 figures for Alaska, as of October 1]

KIND OF ANIMAL	ALASKA		HAWAII		PUERTO RICO	
	1939	1950	1940	1950	1940	1950
Horses, mules, asses, and burros.....	496	207	<sup>1</sup> 14,535	9,482	39,887	41,809
Carabao.....			52			
Cattle.....	3,749	2,236	<sup>1</sup> 139,078	155,730	299,734	289,389
Milk cows.....	1,217	<sup>2</sup> 1,324	10,952	9,449	89,217	<sup>3</sup> 81,056
Sheep.....	17,076	6,046	<sup>4</sup> 26,207	13,513	3,488	3,121
Goats.....	280	( <sup>5</sup> )	<sup>6</sup> 765	379	42,861	39,311
Swine.....	950	1,201	<sup>6</sup> 31,684	65,435	97,306	91,069
Chickens.....	18,374	20,278	272,590	472,183	<sup>6</sup> 769,934	<sup>7</sup> 799,353
Fur-bearing animals.....	34,433	<sup>8</sup> 1,378				
Reindeer.....	312,854	( <sup>9</sup> )				

<sup>1</sup> Excludes animals under 3 months old. <sup>2</sup> Cows including heifers that have calved. <sup>3</sup> Cows milked only.  
<sup>4</sup> Excludes sheep and lambs under 6 months old. <sup>5</sup> Not available. <sup>6</sup> Excludes animals (or chickens) under 4 months old. <sup>7</sup> Chicken hens only. <sup>8</sup> Females over 3 months old.

# No. 1165.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, AND PUERTO RICO

AREA AND CROP	LAND HARVESTED		PRODUCTION		
	1939	1949	Unit	Quantity	
				1939	1949
ALASKA					
Barley.....	Acres	Acres	Bushel.....	13,219	661
Oats.....	654	55	do.....	13,661	11,616
Potatoes.....	527	333	do.....	13,661	11,616
Potatoes.....	388	1,030	do.....	41,887	184,862
Wheat.....	527	204	do.....	9,479	5,263
HAWAII					
	1940	1949		1940	1949
Coffee.....	4,136	3,403	Pound.....	8,546,783	4,648,155
Corn.....	1,862	752	Hundredweight.....	16,320	9,639
Pineapples.....	48,598	51,018	Ton.....	614,484	654,915
Potatoes, white.....	487	106	Hundredweight.....	19,916	4,956
Rice.....	509	170	do.....	19,018	6,585
Sugarcane.....	135,945	108,298	Ton.....	8,535,023	7,888,526
Sweetpotatoes and yams.....	180	279	Hundredweight.....	9,271	12,177
Taro.....	622	591	do.....	115,800	104,897
PUERTO RICO					
	1939	1949		1939	1949
	Cuerdas	Cuerdas			
Coffee.....	181,106	176,386	Pound.....	32,652,044	25,661,326
Corn.....	59,350	39,497	do.....	36,811,000	23,122,102
Cotton.....	3,381	2,736	do.....	1,637,067	1,175,677
Dry beans.....	48,363	19,962	do.....	19,248,800	5,808,972
Pigeon peas.....	34,301	20,436	do.....	15,722,200	6,938,152
Rice.....	13,753	5,342	do.....	7,915,600	2,480,080
Sugarcane.....	229,750	344,067	Ton.....	7,237,717	10,699,147
Sweetpotatoes.....	49,665	23,818	Pound.....	103,160,000	32,485,183
Tobacco.....	28,684	26,834	do.....	19,885,377	22,254,260
Taniers (Yautias).....	22,080	14,693	do.....	42,707,200	24,105,774
Bananas.....	47,114	44,241	Bunch.....	16,014,474	12,032,378
Coconuts.....	12,961	12,551	Number.....	21,776,289	25,498,475
Grapefruit.....	4,869	2,701	do.....	24,829,531	14,149,961
Oranges.....	9,879	16,532	do.....	116,273,562	178,634,691
Pineapples.....	1,912	3,553	Tons.....	11,971	33,462
Plantains.....	16,775	15,125	Number.....	6,166,226	100,401,070

Source of tables 1164 and 1165: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. I.

## No. 1166.—SUGAR PRODUCTION IN HAWAII: 1945 TO 1957

[Tons are of 2,000 pounds. Beginning January 1]

YEAR	Total acres in cane	CANE USED FOR SUGAR			SUGAR MADE (1,000 tons)		Raw sugar 96° made per ton of cane (pounds)	Recovery of equivalent refined sugar from cane ground <sup>4</sup> (percent)
		Acres harvested	Production (1,000 tons)	Yield per acre (tons) <sup>1</sup>	Converted to 96° raw basis <sup>2</sup>	Equivalent refined <sup>3</sup>		
1945.....	211,331	103,173	7,371	71	821	768	223	10.41
1948.....	206,550	100,042	7,542	75	835	780	221	10.35
1949.....	213,354	108,794	8,046	74	956	893	238	11.10
1950.....	220,383	109,405	8,175	75	961	898	235	10.99
1951.....	221,212	109,494	8,477	77	966	931	235	10.98
1952.....	221,990	108,089	8,694	80	1,020	954	235	10.97
1953.....	221,542	108,337	9,004	83	1,099	1,027	244	11.41
1954.....	220,138	107,468	9,432	88	1,077	1,007	228	10.68
1955.....	218,819	106,180	9,868	93	1,140	1,066	231	10.79
1956.....	220,606	106,956	9,910	93	1,100	1,028	222	10.37
1957.....	221,336	106,742	9,448	89	1,085	1,014	230	10.73

<sup>1</sup> The growth of 18 to 24 months.<sup>2</sup> Raw value equals 96° raw sugar as defined in Sugar Act of 1948.<sup>3</sup> Calculated on basis of 100 pounds of raw sugar required to produce 93.46 pounds of refined sugar.<sup>4</sup> Based on tonnage of cane used.<sup>5</sup> Includes 2,369 tons, raw value in 1949, and 2,690 tons in 1950, produced from volunteer cane, for which no acreage is shown.Source: Data collected by Department of Agriculture, Agricultural Marketing Service, through the Hawaiian Sugar Planters' Association. Published in the annual reports, *Agricultural Statistics* and *The Sugar Situation*.

## No. 1167.—SUGAR PRODUCTION IN PUERTO RICO: 1945 TO 1957

YEAR <sup>1</sup>	ACREAGE IN CANE		SUGARCANE HARVESTED		SUGAR PRODUCED, RAW VALUE <sup>2</sup>		Blackstrap molasses produced
	Grown	Harvested	Total	Per acre	Total	Per ton of cane	
	1,000 acres	1,000 acres	1,000 tons	Tons	1,000 tons	Pounds	1,000 gallons
1945.....	336	289	7,994	27.7	971	243	40,400
1948.....	369	336	9,541	28.4	1,116	234	54,800
1949.....	376	353	10,998	31.1	1,288	234	59,275
1950.....	382	367	10,615	28.9	1,299	245	49,522
1951.....	391	366	10,501	28.7	1,238	236	60,300
1952.....	423	392	12,537	32.0	1,372	219	69,800
1953.....	417	385	10,171	26.4	1,182	232	59,856
1954.....	410	367	10,880	29.6	1,204	221	61,600
1955.....	425	361	9,873	27.3	1,166	236	56,900
1956.....	394	353	10,306	29.2	1,152	224	56,899
1957 (prel.).....	377	361	8,709	24.1	990	221	52,566

<sup>1</sup> Grinding begins in January. About  $\frac{1}{3}$  of the crop is 18-month growth and  $\frac{2}{3}$  is 12-month growth.<sup>2</sup> As computed using formula provided in the Sugar Act of 1948.<sup>3</sup> Not available.Source: Department of Agriculture, Agricultural Marketing Service; compiled from data of Sugar Division, Commodity Stabilization Service, and Association of Sugar Producers of Puerto Rico; annual reports, *Agricultural Statistics* and *The Sugar Situation*.

**No. 1168.—MINERAL PRODUCTION IN TERRITORIES, POSSESSIONS, AND OTHER  
AREAS OF THE UNITED STATES: 1950 to 1956**

AREA AND MINERAL	1950		1954		1955		1956	
	Quan- tity	Value (\$1,000)	Quan- tity	Value (\$1,000)	Quan- tity	Value (\$1,000)	Quan- tity	Value (\$1,000)
<b>Territories, total.....</b>		<b>19,627</b>		<b>28,004</b>		<b>29,004</b>		<b>30,380</b>
Alaska, total.....		17,852		24,408		25,412		23,408
Antimony ore and concentrate short tons (antimony content).....							28	( <sup>1</sup> )
Chromite..... short tons (gross weight).....			2,953	208	7,082	625	7,193	711
Clays..... 1,000 short tons.....			( <sup>1</sup> )	( <sup>1</sup> )	1	4		
Coal..... do.....		3,033	667	6,442	640	5,759	727	6,374
Copper (recoverable content of ores, etc.) short tons.....	6	2	4	2	1	1		
Gold (recoverable content of ores, etc.) 1,000 troy ounces.....	289	10,125	249	8,698	249	8,725	209	7,325
Lead (recoverable content of ores, etc.) short tons.....	149	40			1	( <sup>2</sup> )	1	( <sup>2</sup> )
Mercury..... 76-lb. flasks.....			1,046	277	( <sup>1</sup> )	( <sup>1</sup> )	3,280	853
Sand and gravel..... 1,000 short tons.....	3,050	2,377	6,640	6,302	9,793	8,242	5,955	5,880
Silver (recoverable content of ores, etc.) 1,000 troy ounces.....	53	48	34	31	34	31	28	26
Stone..... 1,000 short tons.....			284	466	266	290	195	595
Tin (content of concentrate)..... long tons.....	79	170	199	410	86	183		
Tungsten ore and concentrate short tons (60-percent WO <sub>3</sub> basis).....	13	( <sup>3</sup> )						
Zinc (recoverable content of ores, etc.) short tons.....	6	2						
Undistributed <sup>4</sup> .....		2,055		1,572		1,552		1,644
Hawaii, total.....		1,775		3,596		3,592		6,972
Clays..... 1,000 short tons.....			( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		2	2
Lime..... short tons.....	8,141	220	8,375	251	6,453	202	9,555	306
Pumice..... do.....			( <sup>1</sup> )	( <sup>1</sup> )	130,306	76	58,851	92
Salt..... 1,000 short tons.....			( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18
Sand and gravel..... do.....			119	319	165	426	193	503
Stone..... do.....	696	1,555	1,485	2,993	1,414	2,884	3,494	8,076
Undistributed <sup>7</sup> .....				59		22		
<b>Possessions and other areas, total.....</b>		<b>12,454</b>		<b>14,942</b>		<b>18,604</b>		<b>17,377</b>
American Samoa, total.....				16		5		6
Sand and gravel..... 1,000 short tons.....			2	1	1	1		
Stone..... do.....			58	15	9	4	2	6
Canal Zone, total.....		98		245		287		278
Sand and gravel..... 1,000 short tons.....	22	15			36	47	40	48
Stone (crushed)..... do.....	53	83	187	245	169	240	177	230
Canton: Stone (crushed)..... do.....			3	5	1	2	2	5
Guam, total.....		3,055		2,275		3,352		335
Sand and gravel..... 1,000 short tons.....							19	24
Stone..... do.....	1,528	3,055	843	2,275	1,241	3,352	341	311
Johnston: Stone..... do.....			( <sup>9</sup> )	( <sup>2</sup> )	12	33		
Midway: Stone (crushed)..... do.....			( <sup>9</sup> )	2			203	304
Puerto Rico, total.....		9,297		12,381		14,917		16,395
Cement..... 1,000 (376-lb.) barrels.....	3,187	8,299	3,682	9,663	4,117	12,507	4,255	14,065
Clays..... 1,000 short tons.....			( <sup>1</sup> )	( <sup>1</sup> )	137	122	143	129
Lime..... short tons.....	8,166	181	8,384	199	10,392	254	( <sup>1</sup> )	( <sup>1</sup> )
Salt (common)..... 1,000 short tons.....	14	137	9	98	10	112	10	101
Sand and gravel..... do.....	101	104	375	834	433	679	183	192
Stone..... do.....	10,260	10,575	10,175	10,249	1,784	2,516	2,076	2,556
Undistributed <sup>7</sup> ..... do.....		1		154				195
Virgin Islands: Stone (crushed) 1,000 short tons.....	113	114	4	17	1	5	12	32
Wake: Stone (crushed)..... do.....			1	1	1	3	22	22

<sup>1</sup> Figure withheld to avoid disclosing individual company confidential data. Value included with "Undistributed."

<sup>2</sup> Less than \$1,000.

<sup>3</sup> Value included with "Undistributed."

<sup>4</sup> Includes value of items that cannot be disclosed: Gem stones (1954, 1956), platinum group metals, and values indicated by footnotes 1 and 3.

<sup>5</sup> Adjusted to eliminate duplicating the value of raw materials used in manufacturing cement and/or lime.

<sup>6</sup> Less than 1,000 short tons.

<sup>7</sup> Includes value of items that cannot be disclosed: Other nonmetals and values indicated by footnotes 1 and 10.

<sup>8</sup> For years ending June 30.

<sup>9</sup> Adjusted to eliminate duplication in value of clays and stone.

<sup>10</sup> Excludes certain stone, value included with "Undistributed."

<sup>11</sup> St. Croix Island only. Data for St. Thomas Island not available. Value estimated.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1169.—ALASKA AND HAWAII—IMPORTS AND EXPORTS: 1941 TO 1957

[Represents imports (for consumption) and exports of merchandise from and to countries exclusive of the United States]

YEARLY AVERAGE OR YEAR	ALASKA		HAWAII	
	Imports	Exports <sup>1</sup>	Imports	Exports <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars
1941-1945.....	1,637,602	130,618,015	9,994,750	2,385,136
1946-1950.....	1,248,715	2,099,132	12,153,908	5,435,234
1951-1955.....	1,663,573	4,537,234	19,713,886	6,270,019
1950.....	993,561	2,524,020	13,586,910	2,224,317
1951.....	1,160,922	2,824,861	19,153,467	3,504,799
1952.....	993,574	3,041,956	20,076,009	4,124,809
1953.....	1,180,163	3,579,437	19,866,820	6,320,878
1954.....	2,765,666	6,779,603	19,614,513	8,292,620
1955.....	2,217,563	6,460,312	19,853,022	9,106,983
1956.....	3,121,510	8,421,049	22,778,563	18,906,950
1957.....	3,837,635	8,468,182	26,695,247	19,876,678

<sup>1</sup> Beginning 1950, excludes certain commodity exports under security regulations.

## No. 1170.—IMPORTS AND EXPORTS OF PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA: 1941 TO 1957

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries <sup>1</sup>	Total <sup>2</sup>	To United States	To other countries <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
PUERTO RICO						
1941-1945.....	136,612,529	120,136,052	16,476,477	119,403,190	114,301,879	5,101,312
1946-1950.....	345,258,034	320,169,438	25,088,596	206,295,625	195,007,759	11,287,866
1951-1955.....	514,599,037	469,179,359	45,419,708	326,020,175	310,290,010	15,730,165
1953.....	520,233,633	476,190,412	50,043,221	343,854,737	324,712,060	19,142,677
1954.....	532,087,599	484,671,333	47,416,266	347,214,104	335,489,355	11,724,749
1955.....	603,023,871	549,345,468	53,678,403	382,173,451	369,106,053	13,067,398
1956.....	668,822,879	597,121,844	71,701,035	433,280,849	415,691,643	17,589,206
1957.....	732,698,280	640,282,227	92,616,053	437,887,545	430,430,729	27,456,816
VIRGIN ISLANDS						
1941-1945.....	5,220,224	4,257,447	962,777	3,845,923	3,647,908	198,015
1946-1950.....	9,602,012	7,787,153	1,814,859	2,927,295	2,238,174	689,121
1951-1955.....	14,704,840	11,633,559	3,071,287	3,682,701	2,999,533	583,168
1953.....	16,015,290	13,121,486	2,893,804	3,256,990	2,752,499	504,491
1954.....	15,696,811	12,379,420	3,317,391	4,261,153	3,785,757	472,401
1955.....	16,255,375	12,372,068	3,883,307	4,294,036	3,872,010	422,026
1956.....	18,947,426	14,279,593	4,667,833	5,804,703	5,210,485	594,218
1957.....	21,239,242	15,673,827	5,565,415	5,276,773	4,756,313	519,460
GUAM						
1941-1945.....	(3)	4,483,870	(3)	(3)	(3)	(3)
1946-1950.....	(3)	8,437,026	(3)	3,236,530	2,813,056	423,474
1951-1955.....	19,806,155	17,211,419	2,594,736	4,443,392	1,672,198	2,771,194
1953.....	20,703,684	18,207,748	2,435,936	3,644,194	1,051,706	2,592,488
1954.....	19,830,764	16,450,763	2,880,001	4,466,447	1,269,805	3,196,642
1955.....	22,294,036	18,737,775	3,556,261	5,129,356	1,095,356	4,034,000
1956.....	22,627,409	18,856,592	3,770,816	6,545,636	1,230,273	5,315,363
1957.....	23,504,594	20,939,844	2,564,550	3,838,587	791,693	3,046,894
AMERICAN SAMOA						
1941-1945.....	873,376	642,094	236,283	(3)	546,923	(3)
1946-1950.....	945,007	608,910	336,097	282,573	282,573	---
1951-1955.....	1,302,311	891,513	410,798	1,063,921	1,063,921	---
1953.....	1,076,018	700,161	375,857	219,651	219,651	---
1954.....	1,397,575	947,801	449,761	788,977	788,977	---
1955.....	2,009,022	1,618,517	390,505	3,712,250	3,712,250	---
1956.....	2,661,640	2,283,343	278,297	4,448,579	4,448,579	---
1957.....	2,816,460	2,289,762	526,698	5,170,748	5,170,748	---

<sup>1</sup> Imports for consumption.<sup>2</sup> Beginning 1950, excludes certain commodity exports under security regulations.<sup>3</sup> Not available.<sup>4</sup> 3-year average; no shipments reported for 1942 and 1943.

Average for 1941, 1942, and 1945.

Source of tables 1169 and 1170: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*.

## No. 1171.—ALASKA AND HAWAII—SUMMARY OF MANUFACTURES: 1899 TO 1954

[1939 data exclude plants reporting products valued at less than \$2,000; data for prior years exclude plants having products valued at less than \$500]

TERRITORY	Census year	Establishments	Wage earners (annual average)	Wages	Cost of materials, etc., fuel, electricity	Value of products	Value added by manufacture <sup>1</sup>
Alaska, all industries	1899	48	2,260	\$1,374,680	\$1,762,583	\$4,194,421	\$2,431,838
	1909	152	3,099	1,948,026	5,119,613	11,340,105	6,220,492
	1919	147	6,575	8,839,452	19,482,485	41,495,243	22,012,758
	1939 <sup>2</sup>	230	4,816	6,883,888	20,916,767	38,815,436	17,898,679
	1954	219	3,531	16,546,000	(3)	(3)	40,285,000
Hawaii, all industries	1899 <sup>4</sup>	222	3,655	1,473,000	12,251,000	23,354,000	11,103,000
	1909 <sup>4</sup>	500	5,904	2,108,903	25,817,734	47,403,880	21,586,146
	1919 <sup>4</sup>	496	9,969	6,636,763	81,178,956	133,096,412	51,917,456
	1939	474	17,002	11,458,811	75,651,675	134,005,264	58,353,589
	1954	520	19,524	50,806,000	(3)	(3)	140,275,000

<sup>1</sup> Value of products less cost of materials, etc., fuel, and purchased electric energy.

<sup>2</sup> For year ending Sept. 30. <sup>3</sup> Not shown because of excessive duplication.

<sup>4</sup> Includes coffee roasting and spice grinding.

Source: Department of Commerce, Bureau of the Census; 1939 and 1954 Censuses of Manufactures.

## No. 1172.—ALASKA AND HAWAII—RETAIL TRADE, BY KIND OF BUSINESS: 1954

[For discussion of coverage, see text, p. 826]

ITEM	Alaska	Hawaii	ITEM	Alaska	Hawaii
Establishments, total	1,510	4,807	Kind-of-business—Continued		
With payroll	1,054	3,019	Furniture, home furnishings, appliance dealers:		
Sales:			Establishments	54	238
All establishments \$1,000	174,514	426,115	Sales \$1,000	7,687	21,763
Establishments with payroll \$1,000	164,472	394,577	Automotive group:		
Payroll, entire year do	20,816	48,055	Establishments	53	135
Paid employees, workweek ended nearest Nov. 15	4,868	21,578	Sales \$1,000	22,927	73,391
Full workweek	4,221	18,701	Gasoline service stations:		
Proprietors (unincorporated businesses only)	1,746	5,104	Establishments	75	332
Kind-of-business group:			Sales \$1,000	9,567	28,776
Food stores:			Lumber, building materials, hardware, farm equipment dealers:		
Establishments	200	1,031	Establishments	49	53
Sales \$1,000	41,090	113,328	Sales \$1,000	8,112	7,364
Eating, drinking places:			Drug stores, proprietary stores:		
Establishments	445	995	Establishments	45	121
Sales \$1,000	24,060	44,690	Sales \$1,000	7,384	12,668
General merchandise group:			Other retail stores:		
Establishments	155	364	Establishments	284	745
Sales \$1,000	23,653	50,964	Sales \$1,000	17,127	29,868
Apparel, accessories stores:			Nonstore retailers:		
Establishments	118	346	Establishments	32	447
Sales \$1,000	11,936	26,928	Sales \$1,000	971	10,375

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1954, Retail Trade, Vol. II.*

## No. 1173.—ALASKA AND HAWAII—WHOLESALE TRADE: 1948 AND 1954

1948 figures have been adjusted insofar as possible to correspond to the basis used for the 1954 Census of Business; for discussion of coverage, see text, p. 826]

ITEM	ALASKA		HAWAII	
	1948	1954	1948	1954
Establishments	95	184	577	594
Payroll, entire year \$1,000	1,347	6,274	27,529	37,754
Payroll and paid employees, workweek ended nearest Nov. 15: dollars				
Payroll	25,360	128,583	531,281	764,510
Employees	432	981	8,126	9,886
Active proprietors of unincorporated businesses, November	59	83	353	335
Merchant wholesalers: Establishments	21	100	441	445
Sales \$1,000	7,600	41,410	241,314	293,929
Other operating types: Establishments	74	84	136	149
Sales \$1,000	22,185	53,311	219,782	288,011

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1954, Wholesale Trade, Vol. IV.*

## No. 1174.—ALASKA AND HAWAII—SELECTED SERVICE TRADES: 1954

[For discussion of coverage, see text, p. 826]

ITEM	Alaska	Hawaii	ITEM	Alaska	Hawaii
Establishments, total.....	694	2, 595	Kind-of-business group:		
With payroll.....	308	1, 251	Personal services:		
Receipts:			Establishments.....		1, 284
All establishments.....\$1,000.....	20, 234	64, 726	Receipts.....\$1,000.....	6, 060	15, 110
Establishments with payroll do.....	17, 392	59, 010	Automobile repair services, ga-		
Payroll, entire year.....do.....	5, 541	19, 808	rages:		
Paid employees, workweek ended			Establishments.....	53	296
nearest Nov. 15.....	1, 576	8, 735	Receipts.....\$1,000.....	1, 318	7, 574
Full workweek.....	1, 430	7, 656	All other selected services: <sup>1</sup>		
Proprietors (unincorporated busi-			Establishments.....	416	1, 015
nesses only).....	785	2, 449	Receipts.....\$1,000.....	12, 866	42, 042

<sup>1</sup> Business services, miscellaneous repair services, amusement and recreation services, motion pictures, hotels, tourist courts, motels, and camps.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1954*, Selected Services, Vol. VI.

## No. 1175.—PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR OBJECT: 1953 TO 1957

[In thousands of dollars. For years ending June 30]

ITEM	1953	1955	1956	1957
<b>Receipts.....</b>	<b>186, 518</b>	<b>217, 063</b>	<b>244, 187</b>	<b>296, 257</b>
Taxes.....	106, 179	115, 046	125, 087	133, 540
Property.....	5, 056	8, 787	9, 042	9, 059
Income.....	34, 731	31, 968	40, 746	47, 169
Excise.....	60, 960	68, 716	69, 168	70, 288
Tobacco products.....	14, 482	16, 467	17, 658	18, 244
Alcoholic beverages.....	17, 412	19, 494	21, 202	23, 435
Motor fuels.....	10, 562	11, 430	10, 831	11, 296
Other.....	18, 503	21, 326	19, 387	17, 313
Motor vehicle licenses.....	2, 698	1, 537	2, 047	4, 801
Other taxes.....	2, 734	4, 037	4, 085	2, 224
Federal grants and revenues.....	33, 799	37, 276	39, 350	48, 162
All grants.....	15, 476	16, 520	16, 690	23, 667
United States Internal Revenue.....	15, 568	17, 426	18, 235	19, 295
United States customs, not elsewhere classified.....	2, 755	3, 330	4, 425	5, 200
Other revenues and receipts.....	46, 540	64, 741	79, 750	114, 555
Service charges.....	8, 820	10, 078	9, 811	10, 443
Contributions from other Government funds.....	17, 049	18, 863	26, 980	32, 412
Borrowing.....	8, 466	18, 546	21, 915	39, 925
Repayment of loans.....	6, 693	5, 555	13, 488	24, 176
Other revenues and receipts.....	5, 512	11, 393	7, 556	7, 599
<b>Expenditures.....</b>	<b>191, 424</b>	<b>217, 452</b>	<b>242, 368</b>	<b>316, 458</b>
Personal services.....	76, 110	87, 798	93, 594	108, 844
Services other than personal.....	10, 778	12, 725	12, 522	15, 074
Materials, supplies, and parts.....	16, 124	16, 105	16, 662	25, 473
Equipment purchased.....	3, 501	3, 949	4, 161	4, 682
Grants, subsidies, awards, and taxes.....	34, 269	38, 031	37, 657	49, 301
Acquisition of land and improvements.....	17, 482	17, 302	15, 285	19, 603
Debt retirement, interest, and dividends.....	2, 131	3, 439	5, 434	4, 042
Refunds and nonexpense items.....	17, 619	23, 286	35, 101	62, 095
Transfer to other Government funds.....	13, 411	14, 817	21, 952	27, 344

Source: Puerto Rico Planning Board, Bureau of Economics and Statistics; *Statistical Yearbook*.

**No. 1176.—PUERTO RICO—RECEIPTS AND EXPENDITURES OF TRUST AND AGENCY FUNDS AND OF PUBLIC SERVICE ENTERPRISES, BY MAJOR OBJECT: 1955 TO 1957**

[In thousands of dollars. For years ending June 30]

ITEM	TRUST AND AGENCY FUNDS			PUBLIC SERVICE ENTERPRISES <sup>1</sup>		
	1955	1956	1957	1955	1956	1957
<b>Receipts</b> .....	<b>58,558</b>	<b>86,070</b>	<b>69,031</b>	<b>39,793</b>	<b>37,804</b>	<b>42,022</b>
Taxes.....	12,559	15,386	17,032			
Licenses and permits.....	1	1	1			
Fines, forfeits, and penalties.....	1	1	1	1	2	1
Revenue from use of money and property.....	656	1,222	1,456	153	94	107
Revenue from other agencies and individuals.....	13,343	14,703	15,285	53	554	836
Service charges for current services.....	977	8,682	10,227	38,609	35,000	38,642
Other revenues.....	(2)	(2)	(2)	5	214	210
Sale of fixed assets and compensation for loss of assets.....			9	54	19	18
Contributions from other Government funds.....	293	3	156			
Transfers to other Government funds.....				3	10	1
Other nonrevenue receipts.....	30,727	46,072	24,864	915	1,911	2,208
<b>Expenditures</b> .....	<b>60,661</b>	<b>78,974</b>	<b>56,208</b>	<b>39,265</b>	<b>40,524</b>	<b>41,901</b>
Personal services.....	600	2,509	2,965	3,020	919	1,247
Services other than personal.....	646	594	1,622	1,634	723	735
Materials, supplies, and parts.....	265	357	472	434	283	179
Equipment purchased.....	37	73	95	207	90	71
Grants, subsidies, and awards.....	7,442	17,795	17,654	<sup>3</sup> 31,404	<sup>3</sup> 30,390	<sup>3</sup> 34,859
Acquisition of land and improvements.....	82	356	233	2	11	1
Debt retirement.....	7,015	7,963	7,883	<sup>4</sup> 298	<sup>4</sup> 298	<sup>4</sup> 293
Refunds and nonexpense items.....	44,573	49,327	25,285	2,176	7,801	4,517

<sup>1</sup> Comprises funds of Guayama and Isabela Irrigation Systems, Lottery of Puerto Rico, State Insurance Fund, P. R. Land Authority, Coffee Insurance (corp.), Industry for the Blind (corp.), Small Industries of the Social Programs Adm., Blood Bank of the School of Medicine, Model Housing Board, and Staple Commodities Fund of the Economic Stabilization Administration.

<sup>2</sup> Less than \$500. <sup>3</sup> Includes taxes. <sup>4</sup> Includes interest and dividends.

Source: Puerto Rico Planning Board, Bureau of Economics and Statistics; *Statistical Yearbook*.

**No. 1177.—PUERTO RICO—NET INCOME BY INDUSTRIAL ORIGIN: 1950 TO 1957**

[In millions of dollars. For years ending June 30]

INDUSTRY	1950	1955	1956	1957
<b>All industries</b> .....	<b>614</b>	<b>924</b>	<b>956</b>	<b>1,007</b>
Agriculture.....	149	162	164	162
Sugarcane.....	86	73	69	61
Other crops.....	63	89	95	91
Manufacturing and mining.....	90	160	186	215
Food and kindred products.....	42	48	48	47
Tobacco products.....	5	10	12	10
Apparel and textiles.....	18	35	47	57
Chemicals and allied products.....	5	6	7	9
Stone, clay, and glass products.....	5	9	11	14
Metal products and machinery.....	3	18	23	29
All other manufactures.....	11	32	38	49
Contract construction.....	27	33	36	42
Transportation and other public utilities.....	49	73	78	88
Trade.....	102	154	165	179
Finance, insurance, and real estate.....	52	80	87	94
Services.....	44	63	65	69
Commonwealth government <sup>1</sup> .....	70	108	119	134
Rest of the world.....	31	92	56	34

<sup>1</sup> Includes public enterprises, not elsewhere classified.

Source: Puerto Rico Planning Board, Bureau of Economics and Statistics; *Statistical Yearbook*.



## No. 1178.—PUERTO RICO—DISTRIBUTION OF GROSS PRODUCT AND IMPORTS: 1950 TO 1957

[In millions of dollars. For years ending June 30]

ITEM	1950	1955	1956	1957
Sales of goods and services to Puerto Rican users.....	857	1,300	1,365	1,473
Consumers.....	663	958	1,010	1,059
Commonwealth and municipal governments <sup>1</sup> .....	108	168	182	210
Construction.....	60	107	118	136
Producers durable equipment.....	27	62	67	83
Change in inventories.....	-1	5	-12	-20
Sales of goods and services to the rest of the world.....	346	593	644	709
Federal Government.....	63	139	119	103
Other nonresidents.....	283	454	525	606
<b>Total sales of domestic production and imports.....</b>	<b>1,203</b>	<b>1,893</b>	<b>2,009</b>	<b>2,182</b>
Less: Imports of goods and services.....	-450	-777	-853	-946
Federal Government.....	-16	-30	-26	-22
Other nonresidents.....	-434	-746	-827	-924
<b>Equals: Gross commonwealth product.....</b>	<b>753</b>	<b>1,116</b>	<b>1,156</b>	<b>1,236</b>

<sup>1</sup> Includes consumption expenditures and fixed domestic investment.Source: Puerto Rico Planning Board, Bureau of Economics and Statistics, *Statistical Yearbook*.

## No. 1179.—PUERTO RICO—EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION, BY SEX: 1950 TO 1957

[In thousands of persons 14 years old and over. Annual averages derived from quarterly data collected for the week including the 8th of each month]

EMPLOYMENT STATUS	1950			1955			1956			1957		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total.....</b>	<b>1,287</b>	<b>638</b>	<b>649</b>	<b>1,300</b>	<b>624</b>	<b>676</b>	<b>1,332</b>	<b>644</b>	<b>688</b>	<b>1,338</b>	<b>648</b>	<b>690</b>
In the labor force.....	686	507	179	637	468	169	643	475	168	636	473	163
Employed.....	596	434	162	539	395	144	558	400	149	552	409	143
Working.....	(1)	(1)	(1)	508	373	134	535	391	141	530	395	134
35 hours or more.....	(1)	(1)	(1)	306	235	71	371	287	84	360	280	80
Less than 35 hours.....	(1)	(1)	(1)	202	138	64	164	104	57	170	115	54
Not working.....	(1)	(1)	(1)	30	20	11	22	14	8	23	14	9
Unemployed.....	88	71	17	97	73	25	85	66	20	84	64	20
Not in the labor force.....	601	131	470	663	156	507	689	169	520	702	175	527
Engaged in housework at home.....	(1)	(1)	(1)	439	3	436	451	3	448	459	3	456
In school.....	(1)	(1)	(1)	118	65	53	130	74	57	127	72	55
Disabled.....	(1)	(1)	(1)	41	29	13	38	28	11	39	27	12
Other.....	(1)	(1)	(1)	65	60	5	69	65	4	78	73	5

<sup>1</sup> Not available.

Source: Puerto Rico Department of Labor, Bureau of Labor Statistics.

## No. 1180.—PUERTO RICO—PERSONAL INCOME AND DISPOSITION OF INCOME: 1950 TO 1957

[In millions of dollars. For years ending June 30]

ITEM	1950	1951	1952	1953	1954	1955	1956	1957
<b>Personal income, total.....</b>	<b>654</b>	<b>711</b>	<b>834</b>	<b>894</b>	<b>927</b>	<b>962</b>	<b>1,008</b>	<b>1,064</b>
Compensation of employees.....	389	444	540	594	607	616	629	670
Income from property.....	201	222	254	252	258	265	287	292
Transfer payments.....	79	82	68	79	96	118	133	147
Less: Contribution to Social Insurance.....	15	17	28	31	34	37	41	45
Less: Personal taxes.....	16	17	19	19	21	20	28	32
<b>Equals: Disposable personal income.....</b>	<b>638</b>	<b>695</b>	<b>815</b>	<b>875</b>	<b>906</b>	<b>942</b>	<b>980</b>	<b>1,032</b>
Less: Consumption expenditures.....	603	724	792	866	910	958	1,010	1,059
Interest paid by persons.....	3	3	5	5	6	6	8	8
Remittances to abroad.....	11	9	10	11	12	12	10	10
<b>Equals: Personal savings.....</b>	<b>-38</b>	<b>-42</b>	<b>9</b>	<b>-8</b>	<b>-21</b>	<b>-35</b>	<b>-49</b>	<b>-45</b>

Source: Puerto Rico Planning Board, Bureau of Economics and Statistics.

No. 1181.—PUERTO RICO—MANUFACTURES, BY INDUSTRY GROUPS AND INDUSTRIES:  
1949 AND 1954

[Totals include data for industries not shown separately]

INDUSTRY GROUP AND INDUSTRY	1949				1954					
	Number of es- tab- lish- ments	All employees		Value added by manu- fac- ture <sup>1</sup> (\$1,000)	Number of es- tab- lish- ments	All employees		Production workers		Value added by manu- fac- ture <sup>1</sup> (\$1,000)
		Number (aver- age for year)	Salaries and wages, total (\$1,000)			Number (aver- age for year)	Salaries and wages, total (\$1,000)	Number (aver- age for year)	Wages, total (\$1,000)	
All industries, total.....	1,998	55,137	49,205	93,421	1,938	69,022	83,263	60,336	59,289	188,331
Food and kindred products.....	526	23,243	25,516	52,432	497	18,864	30,185	14,999	19,185	71,599
Dairy products.....	31	311	391	651	23	928	1,617	486	694	5,594
Pasteurizing and bottling of fluid milk <sup>2</sup> .....					12	745	1,319	340	547	4,922
Canning, preserving, and freez- ing.....	23	1,159	650	906	41	1,412	1,026	1,322	806	2,897
Canning and preserving, ex- cept fish.....	19	1,132	630	824	33	1,158	783	1,082	609	1,382
Bakery products.....	277	2,750	2,441	3,928	258	2,486	2,003	1,993	1,986	4,842
Bread and other bakery products.....	265	2,235	1,995	3,144	249	2,067	2,152	1,643	1,708	3,706
Sugar.....	41	14,241	17,246	35,704	37	9,720	17,920	8,282	12,328	33,934
Raw cane sugar.....	36	13,562	16,496	32,228	33	9,155	16,966	7,781	11,594	30,718
Cane-sugar refining.....	5	679	750	3,476	4	565	954	501	734	3,216
Confectionery and related prod- ucts.....	10	464	( <sup>3</sup> )	( <sup>3</sup> )	12	270	313	230	194	787
Beverages.....	73	3,174	3,533	8,527	51	3,101	5,774	2,069	2,716	21,308
Bottled soft drinks.....	33	863	927	1,973	26	861	1,410	465	498	3,100
Wines and brandy.....	5	85	87	282	2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Distilled liquors (except brandy).....	31	1,427	1,499	3,852	19	1,137	1,706	883	768	5,708
Misc. food preparations.....	68	1,085	889	1,659	71	906	877	581	426	2,208
Tobacco manufactures <sup>1</sup> .....	626	7,116	3,403	6,743	259	9,758	6,718	9,460	6,093	11,427
Cigars.....	577	1,097	496	935	204	1,239	1,044	1,194	929	2,274
Tobacco stemming and redrying.....	42	5,944	2,873	5,767	46	8,480	5,655	8,229	5,150	9,110
Textile mill products.....	10	1,459	596	607	36	2,774	3,330	2,505	2,682	8,618
Knitting mills.....	3	135	( <sup>3</sup> )	( <sup>3</sup> )	7	1,064	1,226	966	962	2,671
Carpets and rugs.....	3	446	( <sup>3</sup> )	( <sup>3</sup> )	17	855	767	796	663	2,274
Apparel and related prod- ucts.....	263	10,805	6,464	9,251	341	17,645	14,093	16,212	11,741	31,102
Men's and boys' suits and coats.....	11	684	549	861	5	310	344	284	287	477
Men's and boys' furnishings.....	68	2,216	1,381	1,993	70	4,159	3,654	3,842	2,897	6,554
Men's dress shirts and night- wear.....	17	741	541	781	29	1,628	1,394	1,466	1,048	2,292
Separate trousers.....	35	1,058	603	920	26	1,219	1,017	1,117	737	1,715
Women's and misses' outerwear.....	33	1,149	562	701	53	2,210	1,827	2,007	1,522	3,901
Blouses and waists.....	18	757	387	497	26	1,074	837	996	703	1,534
Women's and children's under- garments.....	31	1,401	831	1,076	51	4,116	3,476	3,846	2,963	7,828
Underwear.....	29	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	27	1,163	802	1,057	654	1,428
Corsets and allied garments.....	2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	24	2,953	2,674	2,789	2,309	6,400
Children's outerwear.....	27	946	552	711	39	1,467	1,139	1,816	981	2,875
Miscellaneous apparel and acces- sories.....	74	3,828	2,284	3,485	79	4,241	2,802	3,921	2,414	7,438
Handkerchiefs.....	45	2,453	1,517	2,030	50	3,009	1,766	2,826	1,624	3,264
Misc. fabr. textiles.....	18	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	44	1,142	851	996	677	2,029
Lumber and wood products (except furniture).....	51	327	302	611	38	307	435	260	319	1,410
Millwork plants.....	43	300	289	559	32	252	359	211	259	664
Furniture and fixtures.....	186	1,188	1,519	2,338	202	2,812	3,022	2,556	2,462	5,739
Household furniture.....	177	1,837	1,468	2,205	196	2,782	2,994	2,538	2,437	5,686
Wood house furniture (except upholstered).....	152	1,443	1,071	1,467	163	2,066	2,030	1,949	1,770	3,807
Mattresses and bedsprings.....	13	266	276	511	19	478	667	380	448	1,300
Paper and allied products.....	5	294	352	825	9	463	906	406	600	3,137
Paperboard boxes.....	3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5	281	583	253	387	797
Printing and publishing industries.....	77	1,459	2,216	3,670	93	1,311	2,210	878	1,259	4,428
Newspapers.....	4	753	( <sup>3</sup> )	( <sup>3</sup> )	3	541	1,172	195	418	2,700
Commercial printing.....	62	594	( <sup>3</sup> )	( <sup>3</sup> )	80	704	920	627	759	1,638

See footnotes at end of table.

No. 1181.—PUERTO RICO—MANUFACTURES, BY INDUSTRY GROUPS AND INDUSTRIES:  
1949 AND 1954—Continued

INDUSTRY GROUP AND INDUSTRY	1949				1954					
	Number of es- tab- lish- ments	All employees		Value added by manu- fac- ture <sup>1</sup> (\$1,000)	Number of es- tab- lish- ments	All employees		Production workers		Value added by manu- fac- ture <sup>1</sup> (\$1,000)
		Number (aver- age for year)	Salaries and wages, total (\$1,000)			Number (aver- age for year)	Salaries and wages, total (\$1,000)	Number (aver- age for year)	Wages, total (\$1,000)	
Chemicals and allied products.....	49	1,268	1,510	4,394	71	1,449	2,677	1,073	1,228	7,555
Drugs and medicines.....	21	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	33	437	933	249	310	2,818
Fertilizers (mixing only).....	7	504	659	2,731	7	556	1,137	451	576	3,683
Misc. chemical products.....	17	384	409	822	22	248	252	200	123	563
Compressed and liquefied gases.....	6	239	354	716	3	61	141	32	46	335
Salt.....	7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	10	142	71	131	53	109
Products of petroleum and coal.....					3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Rubber products.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Leather and leather products.....										
Footwear (except rubber).....	22	911	611	925	28	1,675	1,923	1,411	1,301	3,236
Footwear (except house slip- pers).....	12	413	( <sup>3</sup> )	( <sup>3</sup> )	12	1,017	1,328	812	894	2,087
House slippers.....	7	286	( <sup>3</sup> )	( <sup>3</sup> )	5	732	923	543	574	1,287
Handbags and small leather goods.....	5	127	( <sup>3</sup> )	( <sup>3</sup> )	7	285	405	269	320	800
	7	389	246	380	7	420	347	391	258	604
Stone, clay, and glass products.....										
Concrete and plaster products.....	87	2,562	3,097	6,353	132	3,127	4,975	2,675	3,499	9,445
	48	397	( <sup>3</sup> )	( <sup>3</sup> )	118	1,265	1,297	1,116	1,007	2,080
Primary metal industries.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	10	81	77	78	69	426
Fabricated metal products.....	33	310	338	710	60	1,155	2,198	992	1,359	6,349
Structural metal products.....	24	194	255	538	45	763	1,402	649	827	2,893
Structural and ornamental products.....	15	123	153	251	26	367	759	336	486	1,294
Metal doors, sash, and trim.....	3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	12	343	579	274	301	1,487
Sheet-metal work.....	6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7	53	64	39	40	112
Miscellaneous fabricated metal products.....	6	68	( <sup>3</sup> )	( <sup>3</sup> )	6	204	392	182	277	1,452
Machinery (exc. electrical).....	13	617	949	1,352	19	702	1,520	592	1,067	2,689
Misc. machinery parts.....	4	170	( <sup>3</sup> )	( <sup>3</sup> )	11	549	1,265	463	914	2,286
Electrical machinery.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	31	1,454	2,198	1,267	1,338	4,786
Electrical industrial apparatus.....					6	247	327	222	223	1,116
Electrical appliances.....					4	101	170	81	121	663
Communication equipment.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	16	1,035	1,585	898	932	2,738
Radios and related products.....					11	454	736	405	417	1,817
Transportation equipment.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5	101	139	39	115	454
Instruments and related products.....	2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	12	1,056	1,535	932	1,065	2,364
Ophthalmic goods.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5	716	1,193	620	817	1,798
Miscellaneous manufac- tures.....	44	2,389	1,591	2,451	86	4,143	4,816	3,829	3,700	12,911
Jewelry and silverware.....	7	382	320	406	7	304	454	274	380	1,124
Toys and sporting goods.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	12	596	538	566	453	1,051
Sporting and athletic goods.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8	404	396	390	350	683
Costume jewelry and notions.....	16	1,595	951	1,393	24	1,771	1,664	1,681	1,384	2,779
Costume jewelry.....	5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8	685	556	652	448	1,090
Artificial flowers.....	5	629	375	380	6	426	291	419	279	421
Buttons.....	5	572	470	863	5	546	681	504	550	928
Needles, pins, and fasteners.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5	114	136	106	107	340
Plastic products, n. e. c. <sup>4</sup> .....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	9	611	841	578	619	2,436
Brooms and brushes.....	4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	4	216	221	202	178	297
Signs and advertising displays.....	4	19	20	33	8	47	53	42	48	106

<sup>1</sup> Value of products sold minus cost of materials, supplies, fuel, electric energy, and contract work.

<sup>2</sup> Establishments engaged primarily in the pasteurization and bottling of fluid milk were excluded from the 1949 Census of Manufactures. <sup>3</sup> Withheld to avoid disclosing operations of individual companies.

<sup>4</sup> Data for 1954 exclude 262 small cigar manufacturing establishments with no paid employees and value added by manufacture of \$192,000. <sup>5</sup> "N. e. c." means not elsewhere classified.

Sources: Department of Commerce, Bureau of the Census; *Puerto Rico Census of Manufactures: 1954*, Bulletin MC-PR (in cooperation with the Puerto Rico Planning Board).

**No. 1182.—PUERTO RICO—WHOLESALE AND RETAIL TRADE AND SELECTED SERVICES—ESTABLISHMENTS AND GROSS RECEIPTS, 1949 AND 1954, AND EMPLOYMENT AND PAYROLL, 1954, BY KIND OF BUSINESS**

[For discussion of coverage, see text, p. 826. "N. e. c." means not elsewhere classified]

KIND OF BUSINESS	1949		1954		Workweek ended nearest Nov. 13	
	Estab-lish-ments	Gross receipts (\$1,000)	Estab-lish-ments	Gross receipts (\$1,000)	Paid em-ployees	Pay-roll
<b>Wholesale trade.....</b>	<b>890</b>	<b>371,520</b>	<b>1,051</b>	<b>555,317</b>	<b>8,008</b>	<b>344,411</b>
Merchant wholesalers and manufacturers' sales branches.....	722	274,255	864	426,788	6,699	275,558
Motor vehicles and automotive equipment.....	7	4,322	22	12,083	290	16,387
Drugs, chemicals, and allied products.....	36	10,544	53	26,089	799	38,538
Dry goods and apparel.....	63	11,132	96	10,108	461	14,783
Groceries and food specialties.....	420	177,691	454	267,831	2,935	102,836
Farm products—goods for immediate consumption.....	47	8,774	44	4,272	73	2,379
Electrical goods.....	14	9,336	15	8,531	219	9,346
Hardware and plumbing and heating equipment.....	8	1,268	20	9,017	284	13,281
Machinery, equipment, and supplies.....	18	10,683	44	25,416	833	44,752
Merchant wholesalers and manufacturers' sales branches, n. e. c. <sup>1</sup> .....	99	40,504	116	57,442	805	33,256
Petroleum bulk stations.....	14	25,923	6	39,632	229	36,509
Merchandise agents and brokers.....	154	71,332	181	88,897	689	32,254
<b>Retail trade.....</b>	<b>24,938</b>	<b>321,158</b>	<b>26,639</b>	<b>572,025</b>	<b>29,061</b>	<b>674,520</b>
Building materials and farm equipment.....	467	38,986	531	57,343	2,650	80,954
Food and eating and drinking places.....	19,786	125,241	20,324	220,429	9,694	164,287
Grocery stores.....	14,189	93,582	7,850	133,171	3,856	68,790
Meat and fish markets.....	387	4,133	411	6,643	220	3,660
Fruit and vegetable markets.....	1,343	2,740	1,799	5,408	91	1,247
Candy, nut, and confectionery stores.....	223	1,064	237	671	39	403
Dairy products stores <sup>2</sup> .....	168	1,337	113	1,275	114	1,712
Bakeries.....	11	25	33	257	16	351
Food stores, n. e. c. <sup>1</sup> .....	451	1,385	173	4,592	177	3,022
Eating and drinking places.....	3,064	20,976	5,448	41,890	4,329	76,460
Combination food stores and eating and drinking places.....	( <sup>3</sup> )	( <sup>3</sup> )	4,290	26,627	642	8,607
Automobile dealers and gasoline service stations.....	542	50,008	681	102,152	3,518	118,861
Motor vehicle dealers.....	43	33,460	84	71,327	1,706	84,899
Tire, battery, and accessory dealers.....	( <sup>3</sup> )	( <sup>3</sup> )	92	5,603	311	9,940
Gasoline service stations.....	427	12,217	502	25,061	1,489	23,432
Automotive dealers, n. e. c. <sup>1</sup> .....	72	4,330	3	160	12	590
General merchandise, apparel and accessories.....	2,470	62,691	3,018	96,276	7,246	150,870
Department stores.....	28	9,666	12	10,409	817	19,349
General merchandise stores, n. e. c. <sup>1</sup> .....	20	1,804	1,584	39,462	2,727	52,497
Men's and boys' clothing and accessory stores.....	111	6,289	202	10,880	692	17,108
Women's ready-to-wear, accessory and specialty stores.....	95	1,798	436	9,924	1,068	20,770
Children's and infants' wear stores.....	17	1,02	61	440	13	710
Family clothing stores.....	2,001	35,692	350	10,368	835	13,858
Shoe stores.....	115	6,993	200	14,309	1,030	25,245
Custom tailors.....	69	231	170	430	93	1,323
Apparel and accessory stores, n. e. c. <sup>1</sup> .....	14	115	3	53	1	20
Furniture, home furnishings, and equipment.....	384	17,711	681	54,079	2,806	85,251
Furniture, home furnishings, and equipment stores.....	283	9,249	525	25,565	1,688	41,065
Household appliance and radio stores.....	101	8,462	156	20,113	1,138	43,586
Miscellaneous retail stores.....	1,289	26,517	1,404	41,148	3,147	74,297
Drug stores and proprietary stores.....	435	12,833	541	18,836	1,649	34,789
Book and stationery stores.....	80	1,109	105	2,033	105	2,453
Jewelry stores.....	102	1,866	172	3,435	357	9,101
Retail stores, n. e. c. <sup>1</sup> .....	672	10,710	586	16,794	1,038	27,954
<b>Selected services.....</b>	<b>3,383</b>	<b>18,449</b>	<b>3,799</b>	<b>33,896</b>	<b>7,042</b>	<b>166,397</b>
Hotels.....	85	2,991	126	7,072	1,353	41,428
Personal services.....	2,080	4,468	2,277	7,359	2,286	40,583
Laundries and dry cleaning.....	264	1,787	257	2,642	1,382	23,691
Photographic studios.....	91	192	118	365	53	1,011
Barber shops.....	940	1,022	1,009	1,591	325	6,069
Beauty shops.....	197	290	350	896	237	3,440
Shoe repair shops.....	538	652	438	774	126	2,142
Funeral services.....	23	368	58	972	128	2,653
Personal services, n. e. c. <sup>1</sup> .....	27	59	47	120	35	577
Miscellaneous business services.....	39	671	42	2,973	238	11,822
Automobile repair services and garages.....	237	1,335	409	3,018	719	17,621
Miscellaneous repair services <sup>4</sup> .....	474	1,695	520	2,211	407	8,770
Electrical repair shops.....	165	514	227	862	151	2,192
Miscellaneous repairs, n. e. c. <sup>1</sup> .....	309	1,182	293	1,349	256	6,578
Motion pictures.....	157	5,061	183	6,034	1,191	24,234
Motion picture production and distribution.....	15	1,563	13	1,047	159	5,973
Motion picture theaters.....	142	3,498	170	4,387	1,032	18,261
Amusement and recreation services, except motion pictures.....	311	2,628	242	4,629	848	21,939

<sup>1</sup> 1949 includes all manufacturers' sales branches, classified with merchant wholesalers according to lines of products handled in 1954.

<sup>2</sup> Data for 1949 adjusted to exclude establishments primarily engaged in pasteurization and bottling of fluid milk, classified in manufacturing in 1954. <sup>3</sup> Not available.

<sup>4</sup> Data for 1949 adjusted to exclude accounting, auditing, and bookkeeping services, not included in 1954.

Source: Department of Commerce, Bureau of the Census; *Puerto Rico Census of Business: 1954*, Bulletin BC-PR (in cooperation with the Puerto Rico Planning Board).

## Section 34

### Comparative International Statistics

This section presents summary statistics on the industrial, social, and agricultural organization of the various individual nations.

The principal source for the data presented in this section is the United Nations *Statistical Yearbook*. Statistics of the individual nations may be found primarily in the official publications or compendia, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*, the *Demographic Yearbook*, *Population and Vital Statistics Reports* (quarterly), and the *Monthly Bulletin of Statistics*. The Statistical Office of the United Nations also publishes a *Yearbook of International Trade Statistics* and the *Yearbook of National Accounts Statistics*. For foreign agricultural and labor statistics, the outstanding sources are the *Yearbook of Food and Agricultural Statistics* issued by the Food and Agriculture Organization, and the *Yearbook of Labour Statistics*, issued by the International Labour Office; both are affiliated agencies of the United Nations. These publications usually present data covering an extensive period of time, frequently up to 20 years. The *International Population Statistics Reports*, Series P-90 and P-91, issued by the Bureau of the Census also present population figures for many foreign countries.

**Statistical coverage.**—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown here. The list of countries included is based on the membership rosters of the United Nations and of the larger specialized agencies affiliated with the United Nations (see table 1196). In a few instances, such member countries were omitted because of an almost complete lack of data.

Statistics are shown for a standardized list of countries. No attempt was made to alter the list according to the relative standing or significance of each country with respect to each specific subject item shown. In consequence, there may be instances, with respect to certain items shown, in which one or more of the countries omitted from the list are more important, statistically, than some of the countries included. Cases of this kind are believed to be infrequent.

The items selected for presentation here are believed to be among those most significant. However, certain important items, such as those on national income, are omitted because of the inability to convert the available statistics, stated in terms of the national currencies, to meaningful consistency in United States measures. Finally, items for which figures are available for a large number of countries were favored over items for which information is scanty, in order to broaden the scope of comparison as much as possible.

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**Note.**—This section presents data for the most recent year or period available on June 19, 1953, when the material was organized and sent to the printer.

**Quality and comparability of the data.**—The quality and the comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for various subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted (see table headnotes). In most instances, the data shown are for calendar years. In a number of cases, however, the 12-month totals shown do not correspond with the calendar year. Space limitations made it impracticable to present the data for a series of years except for the figures on population, agriculture, and gold and foreign exchange holdings.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give some of the qualifications attached to the figures. Limits of space made necessary some condensation and editing of the more detailed notes appearing in the source. Therefore, careful analysis is required, since, at best, many of the measures shown are merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Such differences may be attributable to the use of differing original sources, a difference in the definition of geographic limits (continental United States only, or including certain Territories and possessions), or to possible adjustments made in the United States figures by the United Nations in order to improve their comparability with figures from other countries.

**Conversion factors.**—To facilitate comparison in terms of familiar units, items shown in metric units in the source have been converted to U. S. equivalents by means of the conversion factors given in the *Statistical Yearbook* and shown below. Further conversion factors are presented in Appendix II, Weights and Measures, p. 952.

#### CONVERSION FACTORS

<i>Metric units</i>	<i>U. S. equivalents</i>
1 km.....	0.621370 mile
1 sq. km.....	0.386101 sq. mile
1 kg.....	2.204622 pounds
1 metric ton (1,000 kg.).....	1.102311 short tons
1 metric ton-km.....	0.684943 short ton-mile

## No. 1183.—AREA AND POPULATION

[For many countries, figures are provisional. Basis and level of reliability of population estimates range from use of a continuous population register (Scandinavian countries) and census enumerations for a recent date (most countries) to non-censal counts or partial censuses (Indonesia, Lebanon, Syria, Viet-Nam), and conjectural estimates derived by other means than counting (Ethiopia, Liberia, and Saudi Arabia). Data, in general, refer to present-in-area population of the present territory. Area generally includes inland waters. See text, p. 924, for general comments concerning quality of the data.]

COUNTRY	Area	LATEST POPULATION CENSUS			MIDYEAR POPULATION ESTIMATES			Population per square mile <sup>2</sup>
		Year	Total	Male	1953 <sup>1</sup>	1956 <sup>1</sup>	Annual rate of increase, 1953-56	
	Sq. miles		1,000	1,000	1,000	1,000	Percent	
United States <sup>2</sup> .....	3,022,387	1950	150,697	74,833	159,636	168,174	1.8	56
Afghanistan.....	250,966					13,000		48
Albania.....	11,100	1955	1,391	713	1,302	1,421	3.0	128
Argentina.....	1,072,748	1947	15,894	8,145	18,400	19,480	1.0	18
Australia <sup>3</sup> .....	2,974,583	1954	8,987	4,546	8,815	9,428	2.3	3
Austria.....	32,374	1951	6,934	3,217	6,960	6,983	0.1	216
Belgium.....	11,779	1947	8,512	4,200	8,778	8,924	0.6	758
Bolivia.....	424,163	1950	2,704	1,326	3,125	3,235	1.2	8
Brazil <sup>4</sup> .....	2,287,204	1950	51,976	25,885	55,772	59,846	2.4	18
Bulgaria.....	43,048	1956	7,601	3,783	7,384	7,593	0.9	176
Burma.....	261,757	1953	2,941	1,499	19,045	19,856	1.4	76
Cambodia.....	67,568	1921	2,400		3,860			57
Canada.....	3,851,116	1956	16,081	8,152	14,845	16,081	2.7	4
Ceylon <sup>10</sup> .....	25,332	1953	8,098	4,269	8,155	8,929	3.1	352
Chile.....	286,397	1952	5,933	2,913	6,487	6,944	2.6	24
China <sup>11</sup> .....	3,768,736	1953	582,903		581,390	621,225	2.2	165
Colombia.....	439,520	1951	11,548	5,742	12,111	12,939	2.2	29
Costa Rica.....	10,653	1950	801	400	881	988	3.9	50
Cuba.....	44,218	1953	5,829	2,985	5,829			132
Czechoslovakia.....	49,366	1950	12,338	5,997	12,820	13,229	1.1	268
Denmark <sup>12</sup> .....	16,619	1955	4,448		4,369	4,466	0.7	269
Dominican Republic.....	18,816	1950	2,136	1,071	2,356	2,608	3.4	139
Ecuador <sup>7</sup> .....	104,506	1950	3,203	1,595	3,502	3,796	2.7	36
Egypt.....	386,101	1947	13,19,022	13,9,419	14,21,988	14,23,516	2.3	61
El Salvador.....	7,722	1950	1,556	918	2,054	2,268	3.4	294
Ethiopia.....	409,267					15,000		37
Finland.....	130,120	1950	4,030	1,926	10,4,141	10,4,201	1.2	33
France <sup>17</sup> .....	212,822	1954	42,844	20,551	42,652	43,648	0.8	205
Germany, Western.....	95,724	1950	13,47,696	18,22,351	49,156	50,786	1.1	531
Greece.....	51,182	1951	7,633	3,722	7,817	8,031	0.9	157
Guatemala.....	42,042	1950	2,791	1,411	3,058	3,348	3.1	80
Haiti.....	10,714	1950	3,097	1,505	3,227	3,344	1.2	312
Honduras.....	43,277	1950	1,369	686	1,564	1,711	3.0	40
Hungary.....	35,919	1949	9,205	4,423	9,585	9,833	0.9	274
Iceland.....	39,768	1950	144	72	151	161	2.2	4
India.....	1,269,838	1951	356,879	183,334	372,623	387,350	1.3	305
Indonesia.....	575,894	1930	60,413		79,700	84,000	1.8	146
Iran.....	629,345	1956	18,945			18,945		30
Iraq.....	171,600	1957	6,538	3,294		22,4,842		28
Ireland, Republic of.....	27,136	1956	2,898	1,462	2,945	2,898	-0.5	107
Israel <sup>21</sup> .....	7,992	1948	717	370	1,637	1,813	3.5	227
Italy.....	116,304	1951	47,159	22,961	47,533	48,279	0.5	415
Japan.....	142,767	1955	48,927,6		86,700	90,000	1.3	630
Jordan <sup>24</sup> .....	87,301	1952	1,829	675	1,360	1,471	2.7	39
Korea, South <sup>25</sup> .....	37,424	1955	21,526	10,767	21,376	21,900	0.7	583
Lebanon <sup>23</sup> .....	4,015				1,353	1,450	2.3	361
Liberia.....	43,000					1,250		29
Libya.....	679,360	1954	1,092	567		1,118	27 1.2	2
Luxembourg.....	998	1947	291	145	304	312	0.9	313
Mexico.....	760,337	1950	25,791	12,697	28,056	30,538	2.9	40
Nepal.....	54,345	1954	8,432	4,229				155
Netherlands.....	12,529	1947	9,625	4,791	10,493	10,888	1.2	869
New Zealand.....	103,473	1956	2,174	1,093	2,047	2,178	2.1	21
Nicaragua.....	57,143	1950	1,057	520	1,165	1,288	3.4	23
Norway.....	125,065	1950	3,279	1,625	3,359	3,462	1.0	28
Pakistan <sup>26</sup> .....	364,797	1951	75,842	40,209	80,062	83,603	1.5	229

See footnotes at end of table.

## No. 1183.—AREA AND POPULATION—Continued

COUNTRY	Area	LATEST POPULATION CENSUS			MIDYEAR POPULATION ESTIMATES			Population per square mile <sup>2</sup>
		Year	Total	Male	1953 <sup>1</sup>	1956 <sup>1</sup>	Annual rate of increase, 1953-56	
	<i>Sq. miles</i>		<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	
Panama <sup>20</sup> .....	28,753	1950	805	410	863	934	2.7	32
Paraguay.....	157,047	1950	<sup>40</sup> 1,341	649	1,496	1,601	2.9	10
Peru.....	482,259	1940	4,620	3,068	9,035	9,651	2.2	20
Philippines.....	115,600	1943	19,234	9,651	21,039	22,265	1.9	193
Poland.....	120,359	1950	<sup>31</sup> 25,008	11,546	26,255	27,519	2.0	231
Portugal <sup>22</sup> .....	35,599	1950	8,441	4,060	8,621	8,837	0.8	248
Rumania.....	91,699	1956	17,400	8,502	16,847	17,579	1.4	192
Saudi Arabia.....	617,762					6,036		10
Spain <sup>23</sup> .....	194,396	1950	27,977	13,470	28,528	29,203	0.8	150
Sweden.....	173,623	1950	7,042	3,506	7,171	7,516	0.7	42
Switzerland.....	15,941	1950	4,715	2,272	4,877	5,039	1.1	316
Syria.....	71,228				<sup>24</sup> 3,545	<sup>24</sup> 3,970	3.8	56
Thailand.....	198,456	1947	17,443	8,722	19,556	20,686	1.9	104
Tunisia.....	48,332	1955	3,783	1,937	3,630	3,800	1.5	79
Turkey.....	299,993	1955	24,122		22,791	24,797	2.9	83
Union of South Africa <sup>25</sup> .....	472,359	1951	12,668	6,432	13,181	13,915	1.8	29
U.S.S.R.....	8,649,821	1939	<sup>26</sup> 170,467			200,200		23
United Kingdom <sup>27</sup> .....	94,215	1951	50,225	24,118	<sup>28</sup> 50,880	<sup>28</sup> 51,430	0.4	546
Uruguay.....	72,172	1908	1,043	531	2,535	2,650	1.5	37
Venezuela <sup>29</sup> .....	352,143	1950	5,035	2,552	5,440	5,953	3.1	17
Viet-Nam.....	127,413	1921	15,580		25,680	26,600	0.9	209
Yugoslavia.....	98,766	1953	16,999	<sup>30</sup> 8,205	17,053	17,886	1.6	181
World total.....	52,252,979					2,737,000		52

<sup>1</sup> Italics denotes population census figure.<sup>2</sup> Based on 1956 or latest year available.<sup>3</sup> Excludes civilian citizens absent for extended periods of time. Census figures exclude 435,000 (estimated) Armed Forces outside continental U. S.<sup>4</sup> Actually enumerated; excludes adjustment for underenumeration.<sup>5</sup> Unofficial estimate.<sup>6</sup> Excludes full-blooded aborigines.<sup>7</sup> Excludes Indian jungle population.<sup>8</sup> Excludes 31,960 schedules not tabulated by sex.<sup>9</sup> Represents the results of the first stage of a multi-stage sample census, approximating the urban area of the Union.<sup>10</sup> Excludes nonresident military and shipping personnel.<sup>11</sup> Excludes Taiwan.<sup>12</sup> Excludes Faeroe Islands and Greenland.<sup>13</sup> Includes nomad population estimated at 55,073 in 1947, of whom 27,270 were males.<sup>14</sup> Excludes nomad population.<sup>15</sup> 1951.<sup>16</sup> Includes civilian nationals temporarily outside country.<sup>17</sup> Metropolitan (continental) France only.<sup>18</sup> Excludes the Saar.<sup>19</sup> Includes area of Kashmir-Jammu and a great part of Part B tribal area of Assam where no census was taken.<sup>20</sup> Excludes Kashmir-Jammu and Part B tribal area of Assam; also Karikal, Mahé, Pondichéry, and Yanam.<sup>21</sup> Includes Kashmir-Jammu.<sup>22</sup> Excludes foreigners and nomadic population.<sup>23</sup> Census figures, registered Jewish population only; estimates exclude Bedouin population in the Negev (92,193 in 1946).<sup>24</sup> Excludes military personnel and their families living on military installations.<sup>25</sup> Korean nationals only (allens numbered 23,988 at 1955 census).<sup>26</sup> Lebanese nationals only.<sup>27</sup> For 1954-1956 (based on 1954 census and 1956 estimate).<sup>28</sup> Excludes Kashmir-Jammu, Gilgit, Baltistan, Junagadh, and Manavadar.<sup>29</sup> Excludes Canal Zone.<sup>30</sup> Includes 12,881 schedules not tabulated by sex.<sup>31</sup> Includes 394,495 schedules not tabulated by sex.<sup>32</sup> Includes Azores and Madeira Islands.<sup>33</sup> Includes Balearic and Canary Islands.<sup>34</sup> Excludes Palestine refugees numbering 85,473 in 1953 and 89,977 in 1956.<sup>35</sup> Excludes Walvis Bay.<sup>36</sup> Figure from 1939 census and refers to 1939 territory.<sup>37</sup> Excludes Channel Islands and Isle of Man.<sup>38</sup> Includes Armed Forces outside country.<sup>39</sup> Excludes population of Koper and Buje, estimated at 62,000 for both sexes.Source: Statistical Office of the United Nations; *Demographic Yearbook*.



## No. 1184.—VITAL STATISTICS AND NET FOOD SUPPLY

(Crude birth rates, infant mortality rates, and death rates derived from data having complete or virtually complete coverage for many countries and incomplete coverage for others. For many countries, data are known to be by year of registration rather than by year of occurrence. **Crude birth rate:** Number of live births per 1,000 persons. **Crude death rate:** Number of deaths, exclusive of stillbirths, per 1,000 persons. **Infant mortality rate:** Deaths of infants under 1 year of age per 1,000 live births. Data exclude stillbirths. **Expectation of life:** Average future lifetime (in years) of persons at birth, if subject to mortality conditions of period indicated. **Net food supply:** Net supply of foodstuffs, other than alcoholic beverages, at retail level (except for meat), available within the country for human consumption. See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a, 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950]

COUNTRY	BIRTH AND DEATH RATES			EXPECTATION OF LIFE AT BIRTH			NET FOOD SUPPLY PER PERSON		
	Year	Crude birth rate	Crude death rate	Infant mortality rate	Period	Male	Female	Year 1	Calories per day
United States.....	1952	<sup>2</sup> 24.7	9.6	<sup>2</sup> 28.4	1920-31	57.7	61.0	1935-39	3,150
	1953	<sup>2</sup> 24.6	9.6	<sup>2</sup> 27.8	1939-41	61.6	65.9	1952	3,120
	1954	<sup>2</sup> 24.9	9.2	<sup>2</sup> 26.6	1949-51	65.5	71.0	1953	3,080
	1955	24.6	9.3	<sup>2</sup> 26.4	1954	<sup>3</sup> 67.4	<sup>3</sup> 73.6	1954	3,070
	1956	24.9	9.4	<sup>2</sup> 26.0	1955	<sup>3</sup> 67.3	<sup>3</sup> 73.6	1955	3,100
Albania.....	1955	44.5	15.1						
Argentina.....	1956	23.8	8.2	58.5	1947	56.9	61.4	1955	2,950
Australia.....	1956	<sup>4</sup> 22.5	<sup>4</sup> 9.1	<sup>4</sup> 21.7	1946-48	<sup>4</sup> 60.1	<sup>4</sup> 70.6	1954/55	3,190
Austria.....	1956	16.6	12.4	43.3	1949-51	61.9	67.0	1956/57	2,950
Belgium.....	1956	10.8	<sup>5</sup> 12.1	45.7	1940-49	62.0	67.3	1956/57	<sup>5</sup> 2,990
Bolivia.....	1955	29.3	10.1	c 105.9	1949-51	49.7	49.7		
Brazil.....	1953	<sup>7</sup> 43.0	f <sup>7</sup> 20.6	f 170.0	1949-51	<sup>8</sup> 49.8	<sup>8</sup> 56.0	1952	2,350
Bulgaria.....	1956	19.5	a 9.0	72.0	1925-28	<sup>9</sup> 45.9	<sup>9</sup> 46.6		
Burma.....	1956	<sup>10</sup> 35.9	<sup>10</sup> 21.8	<sup>10</sup> 166.8				1947/48	1,900
Canada.....	1956	<sup>11</sup> 28.0	<sup>11</sup> 8.2	<sup>11</sup> 31.9	1950-52	66.3	70.8	1955/56	3,190
Ceylon.....	1956	36.4	9.8	66.5	1954	60.3	59.4	1955	1,940
Chile.....	1956	35.4	11.9	112.3	1952	49.8	53.0	1952	2,490
China (Taiwan).....	1956	<sup>12</sup> 44.8	<sup>12</sup> 13.8	a <sup>12</sup> 14 33.9	1936-41	41.1	45.7		
Colombia.....	1956	<sup>13</sup> 41.6	<sup>13</sup> 13.3	<sup>13</sup> 103.8				1948/49	2,370
Costa Rica.....	1956	40.4	9.6	92.4	1949-51	54.7	57.1		
Cuba.....	1952	<sup>17</sup> 25.1	<sup>17</sup> 6.5					1948/49	2,730
Czechoslovakia.....	1956	<sup>18</sup> 19.8	<sup>18</sup> 9.6	<sup>18</sup> 31.4	1929-32	51.9	55.2	1948/49	2,690
Denmark.....	1956	<sup>19</sup> 17.2	<sup>19</sup> 8.8	<sup>19</sup> 24.9	1946-50	<sup>19</sup> 67.8	<sup>19</sup> 70.1	1956/57	3,360
Dominican Republic.....	1956	40.6	9.1	a <sup>20</sup> 73.8					
Ecuador.....	1956	<sup>17</sup> 45.5	15.2	a <sup>17</sup> 112.8	1949-51	<sup>21</sup> 50.4	<sup>21</sup> 53.7		
Egypt.....	1953	40.0	18.4	148.5	1936-38	35.7	41.5	1954/55	2,560
El Salvador.....	1956	47.0	12.4	70.3	1949-51	49.9	52.4		
Finland.....	1956	<sup>22</sup> 20.7	<sup>22</sup> 9.0	25.4	1951-55	63.4	69.8	1955/56	3,220
France.....	1956	<sup>23</sup> 18.5	<sup>23</sup> 12.5	36.3	1950-51	63.6	69.3	1955/56	2,810
Germany, Western.....	1956	<sup>24</sup> 16.5	<sup>24</sup> 11.2	<sup>24</sup> 38.6	1949-51	<sup>25</sup> 64.6	<sup>25</sup> 68.5	1956/57	3,010
Greece.....	1956	<sup>27</sup> 19.4	<sup>27</sup> 7.4	40.6	1920-30	49.1	50.9	1956/57	2,600
Guatemala.....	1956	48.8	19.8	88.8	1949-51	43.8	43.5		
Honduras.....	1955	43.1	11.4	54.9				1954	2,220
Hungary.....	1956	19.6	10.5	68.8	1955	64.7	68.7		
Iceland.....	1956	28.3	7.2	17.3	1941-50	66.1	70.3	1960/51	3,240
India.....	1955	<sup>28</sup> 27.0	<sup>28</sup> 11.7	<sup>28</sup> 99.0	1941-50	<sup>30</sup> 32.5	<sup>30</sup> 31.7	1954/55	1,880
Indonesia.....	1956	<sup>31</sup> 28.1	<sup>31</sup> 13.2	<sup>31</sup> 99.1					
Iran.....	1956	29.8	8.8						
Iraq.....	1956	a 15.5	a 5.8	28.5					
Ireland, Republic of.....	1956	21.0	11.7	35.6	1950-52	64.5	67.1	1956	3,560
Israel.....	1956	<sup>32</sup> 26.7	<sup>32</sup> 6.3	<sup>32</sup> 35.9	1956	<sup>32</sup> 68.3	<sup>32</sup> 71.1	1954/55	2,860
Italy.....	1956	18.1	10.3	48.4	1935-37		57.5	1956/57	2,570
Japan.....	1956	<sup>33</sup> 18.5	<sup>33</sup> 8.0	<sup>33</sup> 40.7	1955	<sup>33</sup> 63.9	<sup>33</sup> 68.4	1955	2,270
Korea, South.....	1948	18.7	9.4	70.9	1938	<sup>34</sup> 47.2	<sup>34</sup> 50.6		
Lebanon.....	1956	b <sup>35</sup> 28.6	<sup>35</sup> 5.5						
Luxembourg.....	1956	15.5	12.4	36.8	1946-48	61.7	65.8	( <sup>1</sup> )	( <sup>1</sup> )
Mexico.....	1956	46.4	13.7	83.3	1940	37.9	39.8		
Netherlands.....	1956	<sup>36</sup> 21.2	<sup>36</sup> 7.8	<sup>36</sup> 37.0	1953-55	71.0	73.9	1956/57	2,950
New Zealand.....	1956	<sup>36</sup> 24.7	<sup>36</sup> 9.0	<sup>36</sup> 19.4	1950-52	<sup>39</sup> 68.3	<sup>39</sup> 72.4	1956	3,350
Nicaragua.....	1956	37.4	8.4	79.6					
Norway.....	1956	18.7	<sup>39</sup> 8.5	a <sup>39</sup> 20.6	1946-50	69.3	72.7	1956/57	3,310
Pakistan.....	1951	<sup>12</sup> 28 21.2	<sup>12</sup> 28 11.9	<sup>12</sup> 28 110.3				1954/55	1,990
Panama <sup>40</sup> .....	1956	40.7	9.3	57.3	1952-54	60.4	63.1		
Paraguay.....	1956	f 49.0	a 10.6	81.4					
Peru <sup>41</sup> .....	1956	32.7	6.8	b 94.5	1940-43	<sup>42</sup> 46.1	<sup>42</sup> 46.1		
Philippines.....	1956	24.4	9.2	110.9	1946-49	48.8	53.4	1954/55	1,890
Poland.....	1956	27.9	9.0	71.2	1952-53	58.6	64.2		
Portugal.....	1956	22.9	12.1	87.8	1955-56	58.8	63.8	1956	2,550
Rumania.....	1956	24.2	9.9	81.5					
Spain.....	1956	20.7	9.9	51.7	1950	58.8	63.5		

See footnotes at end of table.

## No. 1184.—VITAL STATISTICS AND NET FOOD SUPPLY—Continued

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950]

COUNTRY	BIRTH AND DEATH RATES				EXPECTATION OF LIFE AT BIRTH			NET FOOD SUPPLY PER PERSON	
	Year	Crude birth rate	Crude death rate	Infant mortality rate	BIRTH			Year 1	Calories per day
					Period	Male	Female		
Sweden.....	1956	14.8	9.6	17.0	1951-55	70.5	73.4	1956/57	2,970
Switzerland.....	1956	17.4	10.2	25.8	1948-53	66.4	70.9	1956/57	3,150
Syria <sup>a</sup> .....	1956	12 24.8	12 5.4	12 53.6					
Thailand.....	1955	34.2	9.2	56.1	1947-48	48.7	51.9		
Turkey.....								1955/56	2,670
Union of South Africa.....	1956	44 25.4	44 8.8	44 31.0	1945-47	44 63.8	44 68.3	1955	2,600
U. S. S. R.....	1956	25.0	7.7		1954-55	61.0	67.0		
United Kingdom.....	1956	16.1	11.7	24.5	1955	45 67.5	45 73.0	1956/57	3,270
Uruguay.....	1956	11.4	7.0	73.0				1954	2,810
Venezuela.....	1956	41 46.7	41 9.9	41 66.7				1951	2,270
Yugoslavia.....	1956	25.8	11.2	98.0	1931-33	50.1	54.2	1953/54	2,710

<sup>1</sup> Diagonal indicates 12-month period beginning in 1 calendar year, ending in the following year.

<sup>2</sup> Based on a 50-percent sample of births.

<sup>3</sup> White population only. Data for nonwhite population; 1954 male 61.0 years, female 65.8 years; 1955 male 61.2 years, female 65.9 years.

<sup>4</sup> Excludes full-blooded aborigines.

<sup>5</sup> Includes Armed Forces stationed outside country, but excludes alien Armed Forces stationed in the area.

<sup>6</sup> Luxembourg included with Belgium.

<sup>7</sup> Official rate estimated from comparison of 1940 and 1950 census returns for population born in Brazil.

<sup>8</sup> Federal district only.

<sup>9</sup> Excludes Southern Dobruja.

<sup>10</sup> For 74 towns only, having a population of approximately 2 million.

<sup>11</sup> Includes events among Canadian residents temporarily in United States; excludes events among United States residents temporarily in Canada.

<sup>12</sup> Excludes infants dying before registration of birth.

<sup>13</sup> Excludes Armed Forces and foreigners.

<sup>14</sup> Excludes foreigners.

<sup>15</sup> Based on baptisms recorded in church registers.

<sup>16</sup> Based on burial permits.

<sup>17</sup> Excludes live-born infants dying within 24 hours of birth.

<sup>18</sup> Excludes premature infants who die within 24 hours of birth.

<sup>19</sup> Excludes Faeroe Islands and Greenland.

<sup>20</sup> Based on live births tabulated by date of occurrence.

<sup>21</sup> Quito only.

<sup>22</sup> Includes data for Finnish nationals temporarily outside country.

<sup>23</sup> Rates are based on data including events among alien Armed Forces stationed in the area and among national Armed Forces wherever stationed, but are computed on population excluding alien Armed Forces as well as members of career military service outside country, except those on occupation duty in Germany and Austria who are included.

<sup>24</sup> Includes the Saar.

<sup>25</sup> Excludes alien Armed Forces stationed in the area.

<sup>26</sup> Excludes the Saar.

<sup>27</sup> Data are events in area but rates are computed on population including Armed Forces stationed outside country and excludes alien Armed Forces stationed within country.

<sup>28</sup> Registration area.

<sup>29</sup> Excludes data for States of Assam, Bihar, Madhya Pradesh, and Orissa.

<sup>30</sup> Estimated. Data relate to an area with 294,749,000 inhabitants at 1951 census.

<sup>31</sup> Indonesian population; Java only.

<sup>32</sup> Jewish population only.

<sup>33</sup> Japanese nationals only.

<sup>34</sup> Includes data for the Democratic People's Republic of Korea and the Republic of Korea (South Korea).

<sup>35</sup> Lebanese nationals only.

<sup>36</sup> Includes births occurring outside country if one or both parents are listed in a Netherlands population register.

<sup>37</sup> Includes deaths of persons outside country if listed in a Netherlands population register.

<sup>38</sup> European population only.

<sup>39</sup> Includes deaths of Norwegian residents temporarily abroad.

<sup>40</sup> Excludes tribal Indians; also Canal Zone.

<sup>41</sup> Excludes Indian jungle population.

<sup>42</sup> Lima only.

<sup>43</sup> Excludes nomad population and Palestine refugees.

<sup>44</sup> White population only.

<sup>45</sup> England and Wales only.

Source: Statistical Office of the United Nations; *Demographic Yearbook* and *Statistical Yearbook*.

## No. 1185.—INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE

[1953=100, except for agricultural production. See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a, represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947]

COUNTRY	Year	PRODUCTION				Employment in manu- facturing <sup>2</sup>	PRICES			Retail trade <sup>3</sup>
		Agricultural (Prewar=100) <sup>1</sup>		Min- ing	Manu- factur- ing indus- tries		Cost of living <sup>4</sup>	Whole- sale prices <sup>4</sup>	Market prices of indus- trial shares <sup>5</sup>	
		All com- modi- ties	Food							
United States.....	1951	134	136	99	89	95	97	104	7 91	93
	1952	142	146	98	92	95	99	101	7 100	96
	1953	144	147	100	100	100	100	100	7 100	100
	1954	143	147	96	93	91	100	100	7 122	100
	1955	146	150	105	103	94	100	101	7 171	109
	1956			111	106	95	102	104	7 200	112
Argentina.....	1956	a 115	a 121	114	117	104	132	g 119	10 274	130
Australia.....	1956	a 129	a 125			11 109	110	12 106	10 113	132
Austria.....	1956	a 115	a 115	118	140	14 120	108	12 110	17 315	136
Belgium.....	1956	a 136	a 136	100	128	14 106	104	104	17 157	124
Bolivia.....	1956						1,126			
Brazil.....	1956	a 146	a 147	144	112	10 123	173	176		
Burma.....	1956	a 89	a 87				111	20 99		
Canada.....	1956	a 154	a 152	147	109	14 102	102	102	7 177	116
Ceylon.....	1956	a 160	a 162				99			
Chile.....	1956	a 139	a 141	119	107	d 100	471	22 454	446	
China (Taiwan).....	1956	a 134	a 131	137	116	14 109	123	132		
Colombia.....	1956	a 182	a 179				116	22 120	10 119	
Costa Rica.....	1956						107	108		
Cuba.....	1956	a 144	a 143				97	96		
Czechoslovakia.....	1956				127	i 14 24 94	i 101	g 105		
Denmark.....	1956	a 132	a 132		108	26 99	27 111	22 107	23 130	111
Dominican Republic.....	1956						99	22 94		
Ecuador.....	1956						101	97		
Egypt.....	1956	a 128	a 145				98	110	20 136	
Finland.....	1956	a 131	a 132	145	131	109	108	22 103	7 265	128
France.....	1956	a 126	a 126	110	135	14 103	103	102	17 218	143
Germany, Western.....	1956	a 118	a 118	115	140	14 121	105	33 103		132
Greece.....	1956	a 138	a 132	150	130	104	126	129		
Guatemala.....	1956				115	35 100	106	101		
Honduras.....	1956						111			
Hungary.....	1956			98	101	14 37 102	g 92	g 95		141
Iceland.....	1956						116			
India.....	1956	a 118	a 120	110	127	a 30 106	99	97	10 140	
Indonesia.....	1956	a 118	a 109				40 161	41 135		
Iran.....	1956						130	123		
Iraq.....	1956						107	104		
Ireland, Republic of.....	1956	a 112	a 112		102	14 46 96	107	44 101	9 17 37 103	
Israel.....	1956					19 101	127	131		
Italy.....	1956	a 133	a 135	172	127	105	111	102	10 151	
Japan.....	1956	a 128	a 137	106	146	14 120	106	102	9 89	146
Korea, South.....	1956	a 109	a 109				15 285	46 303		
Lebanon.....	1956						27 102	98	20 205	
Luxembourg.....	1956	(18)	(18)	101	127		15 101			
Mexico.....	1956	a 191	a 166	110	132	103	45 128	130	10 140	160
Netherlands.....	1956	a 139	a 137	103	124	107	108	20 104	10 164	133
New Zealand.....	1956	a 128	a 122		116	14 108	111	22 104	20 121	
Nicaragua.....	1956						40 100	104		
Norway.....	1956	a 123	a 123	121	122	14 105	109	20 109	17 142	a 112
Pakistan.....	1956	a 109	a 114		179		97			
Panama.....	1956						99			
Paraguay.....	1956						180	193		
Peru.....	1956	a 159	a 165		122	a 104	116	127	10 124	
Philippines.....	1956	a 141	a 150	120	145	14 107	100	95		
Poland.....	1956				135	15 114	91			
Portugal.....	1956	a 124	a 123				102	22 98	10 119	

See footnotes at end of table.

# No. 1185.—INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE—Continued

[1953=100, except for agricultural production. See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a, represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947]

COUNTRY	Year	PRODUCTION				Employment in manu- factur- ing <sup>2</sup>	PRICES			Retail trade <sup>3</sup>
		Agricultural (Prewar=100) <sup>1</sup>		Min- ing	Manu- factur- ing indus- tries		Cost of living <sup>2</sup>	Whole- sale prices <sup>3,4</sup>	Market prices of indus- trial shares <sup>5</sup>	
		All com- modi- ties	Food							
Spain.....	1956	a 101	a 97	119	<sup>23</sup> 101	105	111	114	<sup>9 10</sup> 181	
Sweden.....	1956	a 104	a 103		<sup>23</sup> 114	<sup>16</sup> 105	109	<sup>22</sup> 109	<sup>9 20</sup> 181	<sup>23</sup> 116
Switzerland.....	1956	a 116	a 116			111	103	<sup>22</sup> 103	<sup>7</sup> 145	120
Syria.....	1956						<sup>37 54</sup> 104	<sup>56</sup> 92		
Thailand.....	1956	a 170	a 158				111	116		
Turkey.....	1956	a 174	a 170	a 97	a 134		136	<sup>22</sup> 142		
Union of South Africa.....	1956	a <sup>6</sup> 160	a <sup>6</sup> 170		f <sup>25</sup> 127	<sup>14</sup> 105	<sup>27 67</sup> 107	<sup>22</sup> 105	<sup>68</sup> 98	
U. S. S. R.....	1956				<sup>50</sup> 141	<sup>16 60</sup> 103	a <sup>61</sup> 95			<sup>127</sup>
United Kingdom.....	1956	a 130	a 130	<sup>62</sup> 100	114	<sup>14 68</sup> 106	a	104	<sup>17</sup> 139	<sup>68</sup> 106
Uruguay.....	1956	a <sup>6</sup> 132	a <sup>6</sup> 125			<sup>1</sup> 98	130			
Venezuela.....	1956						101	101	<sup>20 27</sup> 111	
Yugoslavia.....	1956	a 120	a 119	<sup>64</sup> 147	<sup>23 64</sup> 145	<sup>14 16</sup> 133	117	<sup>33</sup> 109		156
World total.....	1956			<sup>68</sup> 116	<sup>66</sup> 116					

<sup>1</sup> 1934-38=100, except as follows: Western Germany and Greece, 1935-38; Spain, 1931-35; Australia, 1936-39; Canada, New Zealand, Union of South Africa, United States, and the South American countries, 1935-39; India and Pakistan, 1936-38; South Korea, average of 1930, 1934, 1936. Refers to crop year, beginning in year indicated, except as noted. All commodities index comprises food, fibres, tobacco, industrial oilseeds, and rubber. Food index relates to production of crops and livestock products for human consumption.

<sup>2</sup> Refers, in general, to wage earners in manufacturing (excluding public utilities, building, and other construction).

<sup>3</sup> In many instances, represents index only for principal city (or cities) of particular country.

<sup>4</sup> General wholesale price index numbers usually weighted by gross value of sales on wholesale markets.

<sup>5</sup> Indexes based primarily on common shares traded on leading exchange or exchanges of each country, intended to cover representative sample of companies in manufacturing, mining, and construction fields, excluding wherever possible companies in public utilities, transportation, distribution, and finance fields.

<sup>6</sup> Calendar year.

<sup>7</sup> Average of quotations for same day each week.

<sup>8</sup> 1948=100.

<sup>9</sup> General index.

<sup>10</sup> Average of daily quotations.

<sup>11</sup> Includes salaried employees except those engaged in selling and distribution.

<sup>12</sup> Home consumption of food, farm products, and industrial raw materials. Australia excludes onions and potatoes.

<sup>13</sup> Magnesite mining included with manufacturing industries.

<sup>14</sup> Includes salaried employees.

<sup>15</sup> Includes mining.

<sup>16</sup> Excludes rent.

<sup>17</sup> Average of quotations for same day each month.

<sup>18</sup> Luxembourg included with Belgium.

<sup>19</sup> 1955=100.

<sup>20</sup> Farm products.

<sup>21</sup> Includes manufactured gas.

<sup>22</sup> Home consumed goods.

<sup>23</sup> General industrial index; comprises mining, manufacturing, electricity, and manufactured gas.

<sup>24</sup> Includes public utilities.

<sup>25</sup> January-September.

<sup>26</sup> Index of total man-hours worked per day.

<sup>27</sup> Includes direct taxes.

<sup>28</sup> Average of highest and lowest quotations each month.

<sup>29</sup> Average of end-of-month quotations.

<sup>30</sup> Nonmetallic mining included with manufacturing.

<sup>31</sup> Sales of all cooperative societies, representing about 33 percent of total retail trade in 1953.

<sup>32</sup> Groceries. Sales of the Fédération Nationale des Coopératives de Consommation.

<sup>33</sup> Producers prices of industrial products.

<sup>34</sup> General industrial index; comprises manufacturing, electricity, and manufactured gas.

<sup>35</sup> Guatemala City only, including electricity.

<sup>36</sup> Includes electricity, manufactured gas, and steam.

<sup>37</sup> Less than 12 months.

<sup>38</sup> January-June.

<sup>39</sup> Establishments employing 20 or more workers, or 10 or more workers and using power.

<sup>40</sup> Food only; free market prices.

<sup>41</sup> Unweighted index of 44 imported items.

<sup>42</sup> General industrial index; comprises mining and manufacturing.

<sup>43</sup> Includes working proprietors. September data.

<sup>44</sup> Home-produced goods only.

<sup>45</sup> Department stores only.

<sup>46</sup> August-December 1953=100.

<sup>47</sup> Includes nonferrous metallurgy.

<sup>48</sup> Food, clothing, coal, and soap.

<sup>49</sup> 1956=100.

<sup>50</sup> Metallic mining only.

<sup>51</sup> Major manufacturing firms only.

<sup>52</sup> Textiles.

<sup>53</sup> Food, beverages, and tobacco. Sales of cooperatives excluded.

<sup>54</sup> Food, soap, kerosene, and cigarettes.

<sup>55</sup> Raw materials only.

<sup>56</sup> General industrial index; comprises building, manufacturing, electricity, and manufactured gas.

<sup>57</sup> Europeans only.

<sup>58</sup> Average of weekly quotations. Gold mining excluded.

<sup>59</sup> General industrial index.

<sup>60</sup> 1954=100.

<sup>61</sup> Index of State retail prices.

<sup>62</sup> Excludes open-cast coal mining.

<sup>63</sup> Excludes Northern Ireland.

<sup>64</sup> Weights relate to 1953.

<sup>65</sup> Excludes Albania, U. S. S. R., Bulgaria, China Mainland, Czechoslovakia, Hungary, Poland, Rumania, and Eastern Germany.

Source: Statistical Office of the United Nations; Statistical Yearbook.

# No. 1186.—INDUSTRIAL ORIGIN OF GROSS DOMESTIC PRODUCT (PERCENT DISTRIBUTION)

[Data relate to gross domestic product at factor cost, unless otherwise specified. Estimates are not fully uniform from country to country in items of income covered and industrial classifications used. Some of the major differences are indicated in footnotes below. In general, "Trade" covers wholesale and retail distribution; "Transport and communications" includes utilities; "Public administration and defense" includes administration, defense, justice, and police, but not public enterprises nor other services which are classified under relevant industry; category "All other" comprises finance, insurance, ownership of dwellings, and personal and other services. See text, p. 924, for general comments concerning quality of the data]

COUNTRY	Year	PERCENT BY INDUSTRIAL ORIGIN							
		Agriculture, forestry, fishing	Mining	Manufacturing	Construction	Transport and communications	Trade	Public administration, defense	All other
United States.....	1938	9	2	22	3	10	18	1 13	2 23
	1954	6	2	30	5	8	17	1 12	2 20
	1955	5	2	32	5	8	17	1 12	2 19
	1956	5	2	32	5	8	17	1 12	2 19
Argentina.....	1955	18	1	23	5	12	15	10	16
Austria <sup>1</sup> .....	1956	14	5 44		7	8	10	7	4 10
Belgium.....	1954	8	5	31	6	9	11	9	21
Brazil <sup>1</sup> .....	1955	32	8 20	( <sup>5</sup> )	( <sup>5</sup> )	8	12	7	9 21
Canada.....	1956	10	4	28	7	12	13	7	19
Chile <sup>1</sup> .....	1954	15	5	18	3	8	17	10 11	23
China (Taiwan) <sup>7</sup> 11	1955	34	1	18	5	6	15	12	9
Colombia <sup>1</sup> .....	1955	39	3	15	2	7	8	10 6	20
Denmark <sup>12</sup> .....	1956	15 20	28	7	11	14	9	11	
Ecuador.....	1956	37	2	16	14 45	(14)	(14)	(14)	(14)
Egypt.....	1954	35	1	11	3	7	8	10 13 16	19
Finland.....	1956	22	10 32	9	8	10	10	10	9
France.....	1952	16	33	6	9	17	13	18 11	12
Germany, Western.....	1956	8	42	6	10	13	10 9	12	
Greece.....	1956	34	1	19	4	8	11	10	13
Honduras.....	1955	60	1	9	5	5	13	3	14
India <sup>1</sup> .....	19 1955	44	1	18	1	13	6	13	
Indonesia.....	1952	56	2	8	( <sup>5</sup> )	3	29 14	7	21 9
Ireland, Republic of <sup>22</sup> .....	1956	30	8 28	( <sup>5</sup> )	( <sup>5</sup> )	15	10	23 17	
Israel <sup>1</sup> .....	1956	13	20	6	9	12	24 20	20	
Italy.....	1956	22	1	32	6	10	9	10 10	10
Japan <sup>1</sup> .....	1956	20	2	26	5	9	16	6	22
Korea, South <sup>24</sup> .....	1956	43	1	12	2	2	19	11	15
Luxembourg.....	1955	9	3	42	7	9	20 11	7	8
Netherlands.....	1956	11	8 43	( <sup>5</sup> )	( <sup>5</sup> )	9	11	7	19
New Zealand.....	19 1952	27	1	24	5	10	12	4	27 29
Norway.....	1956	14	2	27	7	20	12	14	
Pakistan <sup>1</sup> .....	19 1953	58	8	8	3	10	10	28 15	
Panama.....	1954	34	9	2	5	14	6	30	
Paraguay <sup>2</sup> .....	1956	61	8 14	( <sup>5</sup> )	( <sup>5</sup> )	6	9	29 6	13
Peru <sup>3</sup> .....	1955	29	13	15	5	17	30 14	7	
Philippines <sup>7</sup> .....	1956	40	2	14	8	3	31 11	10 9	18
Portugal.....	1956	28	1	36	7	9	5	14	
Spain <sup>1</sup> .....	1953	35	2	26	3	5	9	32 7	13
Thailand <sup>24</sup> .....	1954	44	2	12	3	6	14	19	
Turkey.....	1956	41	1	14	4	8	12	8	12
Union of South Africa.....	19 1955	14	13	23	8	13	10	19	
United Kingdom.....	1956	4	4	38	6	11	13	7	17
Yugoslavia <sup>24</sup> .....	1955	30	49	6	8 7	8			

<sup>1</sup> Includes all public enterprises and services; excludes profits of public enterprises.

<sup>2</sup> Includes cash rents paid by business.

<sup>3</sup> Gross national product at market prices.

<sup>4</sup> Includes sanitary services.

<sup>5</sup> Includes depreciation on private automobiles.

<sup>6</sup> Includes imputed rent on all Government real assets.

<sup>7</sup> Net domestic product at factor cost.

<sup>8</sup> Includes manufacturing and construction.

<sup>9</sup> Includes supplements to wages and salaries in all industries.

<sup>10</sup> Comprises all services of general government.

<sup>11</sup> Excludes "ownership of dwellings."

<sup>12</sup> Includes repairs and maintenance.

<sup>13</sup> Includes slaughtering and dairy production.

<sup>14</sup> Includes transportation and communications, trade, public administration, defense, and all other.

<sup>15</sup> Includes income originating in public enterprises.

<sup>16</sup> Includes utilities.

<sup>17</sup> Includes radio broadcasting.

<sup>18</sup> Includes public education and social security agencies.

<sup>19</sup> Year beginning April 1.

<sup>20</sup> Includes banking and insurance.

<sup>21</sup> Includes profits of public enterprises.

<sup>22</sup> Unadjusted for stock valuation.

<sup>23</sup> Includes net rent of business premises.

<sup>24</sup> Includes services of nonprofit institutions.

<sup>25</sup> Gross domestic product at market prices.

<sup>26</sup> Includes hotels, restaurants, and finance.

<sup>27</sup> Includes interest on consumers' debt.

<sup>28</sup> Includes construction.

<sup>29</sup> Comprises total expenditure as shown in the budget plus product originating in public enterprises other than transportation, communication, and utilities.

<sup>30</sup> Total government expenditure on goods and services.

<sup>31</sup> Includes banking, insurance, and real estate services.

<sup>32</sup> Excludes imputed rent on government buildings.

<sup>33</sup> Year beginning July 1.

<sup>34</sup> Gross material product at market prices.

<sup>35</sup> Transport only.

Source: Statistical Office of the United Nations; Statistical Yearbook.

## No. 1187.—PRODUCTION OF FARM CROPS, MEAT, AND SUGAR

[In thousands of short tons. Prewar averages have been adjusted to present territorial boundaries. Crop production data pertain to harvest of the year indicated (or to harvests continuing into the first half of the following year for Southern Hemisphere and southerly regions of Northern Hemisphere). Meat production data pertain to the calendar year. Sugar production data are for the crop year September (of year indicated) to August in most cases. See text, p. 924, for general comments concerning quality of the data.]

COUNTRY	WHEAT				CORN			
	Prewar		1950	1956	Prewar		1950	1956
	Period	Average quantity			Period	Average quantity		
United States	1934-38	21,460	30,580	29,917	1934-38	58,495	86,097	96,635
Argentina	1934-38	7,313	6,389	7,826	1934-38	8,699	2,943	2,974
Australia	1934-38	4,630	5,527	4,041	1934-38	205	132	126
Austria	1934-38	460	423	628	1934-38	187	132	159
Belgium	1934-38	1,522	1,615	1,665				
Brazil	1934-38	159	586	1,429	1934-38	6,258	6,854	27,715
Cambodia					(3)	1	66	66
Canada	1934-38	7,904	13,851	17,192	1934-38	(9)	388	779
Chile	1934-38	938	1,075	1,089	1934-38	68		110
China <sup>1</sup>	1934-38	25,092	15,223	27,838	1931-37	9,374	7,253	47,275
Colombia	1934-38	117	112	121	1934-38	547	683	817
Costa Rica					1934-38	15		768
Cuba							182	198
Czechoslovakia	1934-38	1,668	1,698	1,699	1934-38	248	259	424
Denmark	1934-38	422	328	293				
Dominican Republic					1936-38	150	91	99
Ecuador								162
Egypt	1934-38	1,305	1,122	1,705	1934-38	1,781	1,440	1,821
El Salvador					1934-38	162	224	205
Ethiopia			99		1938	100	132	165
Finland	1934-38	157	326	219				
France	1934-38	8,976	8,849	6,264	1934-38	596	445	1,916
Germany, Western <sup>2</sup>	1934-38	12,761	12,831	13,844				
Greece	1934-38	833	937	1,371	1934-38	271	215	253
Guatemala					1934-38	261	591	481
Honduras					1934-38	161	190	214
Hungary	1934-38	2,447	2,293	2,034	1934-38	2,542	1,995	2,242
India <sup>3</sup>	1934-38	8,169	7,045	9,598	1936-38	2,436	1,906	3,382
Indonesia (Java and Madura)					1934-38	2,180	1,676	1,551
Iran	1934-38	102,060	2,495	2,976				
Iraq	1934-38	527	601	855				
Ireland, Republic of	1934-38	196	367	477				
Israel			30	82				
Italy	1936-39	8,324	8,569	9,569	1934-38	3,307	2,121	3,760
Japan	1934-38	1,420	1,475	1,516	1934-36	1175	478	2110
Jordan	1934-38	89	243	287				
Korea, South	1934-38	110		219				
Luxembourg	1934-38	37		40				
Mexico	1934-38	412	647	1,213	1934-38	1,835	3,441	4,960
Netherlands	1934-38	474	325	341	1934-38	3		10
New Zealand	1934-38	202	188	82				
Nicaragua					1934-38	39		165
Norway	1934-38	62		62				
Pakistan	1936-38	3,509	4,443	3,713	1936-38	401	412	510
Panama							479	82
Paraguay							110	2132
Peru	1934-38	84	159	143	1928	498	481	291
Philippines					1934-38	471	791	1,014
Poland	1934-38	2,168	2,044	2,338				
Portugal	1934-38	528	639	615	1934-38	823	531	489
Rumania	1934-38	2,866		2,685	1934-38	4,471	2,316	4,334
Spain	1931-35	4,841	3,738	4,637	1931-35	782	591	733
Sweden	1934-38	767	815	1,042				
Switzerland	1934-38	1,216	1,279	1,228				
Syria	1934-38	506	915	1,159				
Turkey	1934-38	13,869	14,391	17,176	1934-38	647	692	946
Union of South Africa	1936	13,471	13,782	907	1934-38	2,199	3,008	4,105
U. S. S. R.	1934-38	42,042			1934-38	5,124		
United Kingdom	1934-38	1,921	2,919	3,187				
Uruguay	1934-38	402	480	827	1934-38	153	219	100
Venezuela					1936	398	398	386
Viet-Nam					(3)	(3)	472	34
Yugoslavia	1934-38	12,719	12,017	11,770	1934-38	5,171	2,307	3,715
World total <sup>4</sup>	1934-38	142,600	151,200	174,900	1934-38	121,600	148,000	179,800

<sup>1</sup> Includes spelt.<sup>2</sup> For 1955.<sup>3</sup> Cambodia, Laos, and Viet-Nam: Average 1934-38, 593,000. <sup>4</sup> For 1952.<sup>5</sup> 22 provinces (represents 90 percent of population).<sup>6</sup> For 1949. <sup>7</sup> 1954.<sup>8</sup> Excludes Berlin.<sup>9</sup> Includes estimates for nonreporting areas.<sup>10</sup> Average of 3 years.<sup>11</sup> Includes dry equivalent of maize harvested green.<sup>12</sup> For 1951.<sup>13</sup> Crop grown on farms and estates.<sup>14</sup> Excludes U. S. S. R.

## No. 1187.—PRODUCTION OF FARM CROPS, MEAT, AND SUGAR—Continued

[In thousands of short tons. See text, p. 924, for general comments concerning quality of the data]

COUNTRY	RICE				POTATOES			
	Prewar		1950	1956	Prewar		1950	1956
	Period	Average quantity			Period	Average quantity		
United States.....	1934-38	1, 054	1, 941	2, 370	1934-38	11, 060	12, 955	12, 162
Argentina.....	1934-38	56	155	182	1934-38	731	1, 719	1, 427
Australia.....	1934-38	47	86	90	1934-38	378	461	487
Austria.....	1934-38				1934-38	3, 186	2, 809	3, 559
Belgium.....	1934-38				1934-38	3, 493	2, 555	2, 242
Bolivia.....	1934-38				1938	101		1, 208
Brazil.....	1934-38	1, 505	3, 508	2 3, 846	1934-38	353	795	1, 096
Burma.....	1934-38	7, 584	5, 943	7, 125				
Cambodia.....	1934-38	772	1, 434	1, 687				
Canada.....	1934-38				1934-38	2, 111	2, 922	2, 112
Ceylon.....	1934-38	375	12 559	618				
Chile.....	1934-38	12	44	91	1934-38	480	467	700
China 4.....	1931-37	55, 640	6 53, 622	90, 919	1931-37	2, 102		
Colombia.....	1934-38	121	241	331	1934-38	267	397	601
Costa Rica.....	1934-38	12	36	55				
Cuba.....	1934-38	22	121	276				
Czechoslovakia.....	1934-38				1934-38	10, 621	8, 990	10, 621
Denmark.....	1934-38				1934-38	1, 487	2, 039	2, 359
Dominican Republic.....	1934-38	39	66	2 82				
Ecuador.....	1934-38	117	125	128	1935-39	132	52	7 205
Egypt.....	1934-38	671	1, 369	1, 694	1934-38	52	176	259
El Salvador.....	1934-38	14	23	17				
Finland.....	1934-38				1934-38	1, 218	1, 597	1, 866
France.....	1934-38		49	110	1934-38	18, 913	15, 907	20, 028
Germany, Western 5.....	1934-38				1934-38	21, 609	30, 818	29, 493
Greece.....	1934-38	4	35	47	1935-38	163	384	459
Guatemala.....	1934-38	9	9	10				
Honduras.....	1934-38	10	19	20				
Hungary.....	1934-38		55	106	1934-38	2, 351	1, 488	2, 265
India.....	1936-38	9 35, 615	9 34, 022	9 47, 278	1935-39	2, 021	1, 830	1, 780
Indonesia.....	1934-38	10 7, 197	9, 948	12, 554				
Iran.....	1935	460	452	485				
Iraq.....	1934-38	220	266	122				
Ireland, Republic of.....	1934-38				1934-38	2, 847	3, 219	2, 920
Israel.....	1936-39	855	778	714	1934-38	17 7	4 51	94
Italy.....	1936-39	18 12, 678	18 13, 298	18 14, 418	1936-39	2, 994	2, 673	3, 768
Japan.....	1934-38	10 19 4, 077	3, 235	2, 759	1934-38	1, 788	2, 602	3, 030
Korea, South.....	1934-38		637	2 562	1934-38	10 719	271	7 258
Laos.....	1934-38				1934-38	26	4 44	40
Lebanon.....	1934-38				1934-38	224	161	153
Luxembourg.....	1934-38	84	206	259	1934-38	74	149	187
Mexico.....	1934-38				1934-38	3, 114	4, 467	3, 750
Netherlands.....	1934-38				1934-38	132	134	2 150
New Zealand.....	1934-38	16 3	25	37				
Nicaragua.....	1934-38				1934-38	983	1, 230	1, 534
Norway.....	1936-38	12, 312	13, 768	15, 122				
Pakistan.....	1936-38		94	108				
Panama.....	1934-38	95	228	265	1929	904	1, 506	2 1, 531
Peru.....	1934-38	2, 402	3, 048	3, 678				
Philippines.....	1934-38				1934-38	41, 928	40, 244	41, 998
Poland.....	1934-38				1934-38	612	1, 243	1, 215
Portugal.....	1934-38	73	133	180	1931-35	5, 523	3, 164	4, 748
Spain.....	1931-35	323	278	423	1934-38	2, 036	1, 911	2, 292
Sweden.....	1934-38				1934-38	811	1, 248	1, 463
Switzerland.....	1934-38				1934-38	20	4 42	28
Syria.....	1934-38	3	20	7				
Thailand.....	1934-38	4, 803	7, 476	9, 169	1934-38	191	667	1, 213
Turkey.....	1934-38	120	95	169	1934-38	13 186	263	2 312
Union of South Africa.....	1934-38				1934-38	81, 497		
U. S. S. R.....	1934-38				1934-38	5, 524	10, 648	8, 437
United Kingdom.....	1934-38	19	41	63				
Uruguay.....	1936	14	41	63				
Venezuela.....	1934-38	20 6, 063	2, 436	3, 761				
Viet-Nam.....	1934-38	4	7	23	1934-38	1, 798	1, 123	2, 414
Yugoslavia.....	1934-38							
World total 14.....	1934-38	168, 000	179, 000	236, 000	1934-38	176, 000	191, 000	203, 090

2 For 1955. 4 For 1952.

5 22 provinces (represents 90 percent of population).

6 For 1949. 7 For 1954.

8 Excludes Berlin.

9 Includes estimates for nonreporting areas.

10 Average of 3 years.

11 For 1951.

13 Crop grown on farms and estates.

14 Excludes U. S. S. R.

15 Average of 2 years.

16 Includes Java, Madura, Bali, and Lombok only.

17 Palestine. 18 Excludes Ryukyu Islands.

19 Includes North Korea.

20 Annam, Tonkin, and Cochin China.

**No. 1187.—PRODUCTION OF FARM CROPS, MEAT, AND SUGAR—Continued**  
 [In thousands of short tons. See text, p. 924, for general comments concerning quality of the data]

COUNTRY	MEAT <sup>21</sup>				SUGAR <sup>22</sup>		COTTON			
	Prewar		1950	1956	1950	1956	Prewar		1950	1956
	Period	Average quantity					Period	Average quantity		
United States	1935-39	8,091	11,040	14,023	2,488	2,560	1934-38	3,038	2,893	3,181
Afghanistan							1934-38	11	8	22
Argentina	1934-38	2,127	<sup>23</sup> 1,305	3,186	<sup>24</sup> 676	<sup>24</sup> 802	1934-38	66	121	117
Australia	1934-38	1,047	1,125	1,317	<sup>24</sup> 1,108	<sup>24</sup> 1,438				
Austria	1934-38	282	216	337	128	279				
Belgium	1936-38	347	355	435	401	355				
Brazil	1935-39	1,362	1,610	<sup>2</sup> 1,737	2,094	2,495	1934-38	391	433	441
Bulgaria					41	123	1934-38	8	8	12
Burma							1934-38	23	8	24
Canada	1935-39	709	958	1,207	162	136				
Ceylon			<sup>23</sup> 19	<sup>23</sup> 22						
Chile	1934-38	149	<sup>28</sup> 168	<sup>2</sup> 166			1934-38	750	573	739
China					<sup>27</sup> 441	<sup>27</sup> 571	1934-38	6	9	25
Colombia			369	<sup>25</sup> 320	175	287				
Cuba				<sup>4</sup> 26 69	6,348	6,253				
Czechoslovakia	1936	409		946	970	654				
Denmark	1935-39	453	482	674	409	371				
Dominican Republic					586	827				
Egypt			195	<sup>2</sup> 218	215	342	1934-38	441	421	358
El Salvador							1934-38	1	<sup>4</sup> 12	31
Finland	1934-38	127	117	147						
France	1934-38	1,830	2,095	2,778	1,580	1,392				
Germany, Western	1938	1,946	1,642	2,439	<sup>29</sup> 1,984	<sup>29</sup> 1,964				
Greece	1934-38	104	69	<sup>2</sup> 118			1934-38	18	29	60
Guatemala			<sup>26</sup> 40	<sup>26</sup> 39						
Haiti					64	62	1934-38	6	1	1
Hungary				<sup>26</sup> 155	281	294				
Iceland	1934-38	8	9							
India					<sup>30</sup> 1,869	<sup>30</sup> 2,249	1934-38	<sup>31</sup> 1,268	570	926
Indonesia					306	866				
Iran					61	90	1934-38	39	31	68
Iraq							1934-38	2	<sup>4</sup> 3	9
Ireland, Republic of	1934-38	176	161	<sup>2</sup> 202	108	110				
Italy	1934-38	<sup>32</sup> 653	563	<sup>7</sup> 682	692	1,077	1934-38	3	<sup>4</sup> 8	9
Japan	1934-38	<sup>26</sup> 130	<sup>26</sup> 150	<sup>25</sup> 273	48	99				
Korea, South							1934-38	<sup>19</sup> 41	22	19
Luxembourg	1937	19	18	22						
Mexico	1936	<sup>26</sup> 236	<sup>26</sup> 244	<sup>25</sup> 349	815	1,038	1934-38	76	287	423
Netherlands	1934-38	351	365	518	450	386				
New Zealand	1937-39	508	623	721						
Nicaragua							1934-38	1	<sup>4</sup> 13	45
Norway	1935-38	108	112	128						
Pakistan			<sup>26</sup> 316	<sup>26</sup> 291	<sup>33</sup> 48	<sup>33</sup> 120	1934-38	( <sup>31</sup> )	277	341
Paraguay								10	12	12
Peru					<sup>34</sup> 508	<sup>34</sup> 776	1934-38	90	93	127
Philippines	1934-38	<sup>23</sup> 74	<sup>23</sup> 45	<sup>2</sup> 33 63	<sup>35</sup> 920	<sup>35</sup> 1,154				
Poland				<sup>2</sup> 36 1,845	1,144	929				
Portugal			<sup>28</sup> 83	<sup>2</sup> 109						
Rumania					121	198				
Spain	1935	644	476	406	218	413	1934-38	2	4	54
Sweden	1934-38	314	321	340	344	321				
Switzerland	1936-39	207	197	231						
Syria							1934-38	7	39	103
Thailand							1934-38	2	8	9
Turkey	1934-38	<sup>23</sup> 65	<sup>26</sup> 97	165	168	331	1934-38	57	180	182
Union of S. Africa	1934-38	<sup>23</sup> 37 321	<sup>23</sup> 37 464	<sup>23</sup> 37 484	669	891				
U. S. S. R.	1940	<sup>26</sup> 33 1,655	<sup>26</sup> 33 1,715	<sup>26</sup> 33 2,932	3,023	5,217	1934-38	711		8
United Kingdom	1936-38	1,368	1,249	1,804	843	842				
Uruguay	1938	379	420	<sup>2</sup> 377						
Venezuela	1939	<sup>26</sup> 58	<sup>26</sup> 97	<sup>26</sup> 116	54	193	1934-38	2	<sup>4</sup> 6	6
Yugoslavia	1939	405		421	104	164				
<b>World total <sup>14</sup></b>		<b>38,000</b>	<b>42,000</b>	<b>55,000</b>	<b>34,000</b>	<b>40,000</b>	1934-38	<b>7,000</b>	<b>6,000</b>	<b>8,000</b>

<sup>2</sup> For 1955. <sup>4</sup> For 1952. <sup>7</sup> For 1954.<sup>14</sup> Excludes U. S. S. R. <sup>19</sup> Includes North Korea.

<sup>1</sup> Refers to beef and veal (including buffalo meat), pork (including bacon and ham), mutton and lamb (including goat meat). Excludes lard, tallow, and offals. Figures relate to commercial and farm slaughter.

<sup>22</sup> Beef and cane. Figures expressed generally in terms of raw sugar. <sup>23</sup> Inspected production.

<sup>24</sup> Cane sugar. <sup>25</sup> For 1953.<sup>26</sup> Commercial production. <sup>27</sup> Excludes Taiwan.<sup>28</sup> Calendar year. Factory production only.<sup>29</sup> Includes production of Eastern Germany.<sup>30</sup> White sugar refined from cane, gur, and khandasari.<sup>31</sup> Pakistan for 1934-38 included with India.<sup>32</sup> Does not include meat equivalent of live imports.<sup>33</sup> White sugar. <sup>34</sup> Includes Chancaca.<sup>35</sup> Centrifugal sugar. <sup>36</sup> Live weight.<sup>37</sup> Excludes meat from animals slaughtered in villages (native livestock).<sup>38</sup> Excludes meat from collective farms and home-slaughtered livestock.

Source: Statistical Office of the United Nations; Statistical Yearbook.



## No. 1188.—LABOR FORCE, ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947; j, 1946]

COUNTRY	Year	Economic- ally active population <sup>1</sup>	Production of electric energy <sup>2</sup>	Consumption of sources of energy (in terms of coal equivalent) <sup>3</sup>	MANUFACTURING <sup>4</sup>		Imports <sup>7</sup>	Exports <sup>7</sup>
					Establish- ments <sup>5</sup>	Persons employed, total <sup>6</sup>		
					Number	1,000		
United States.....	1950	1,000 80,037	1,000,000 388,674	1,000 short tons 1,398,965	10 247,300	10 14,369	11 12 8,853	12 13 10,149
	1953		514,169	1,398,965	10 285,000	10 17,008	11 12 10,874	12 13 15,661
	1954		544,645	1,366,973	10 288,000	10 16,126	11 12 10,319	12 13 14,982
	1955		629,010	1,503,369	10 300,000	10 16,845	11 12 11,410	12 13 15,427
	1956		683,970	1,590,635			11 12 12,645	12 13 18,931
Afghanistan.....	1956	i 8,446	30				h 68	h 49
Argentina.....	1956	b 35 8,702	14 6,303	20,890	f 81,598	f 1,130	1,128	944
Australia.....	1956	e 3,861	16,782	40,035	10 51,079	10 17,103	11 1,713	1,895
Austria.....	1956	e 3,481	11,718	18,675			11 719	849
Belgium.....	1956	f 19 20 1,048	11,080	18 44,492			13 3,273	14 3,162
Bolivia.....	1956	f 19 21 17,118	14 225	25,828	a 1,608	a 20	1,234	1,482
Brazil.....	1956	f 19 21 17,118	13,850	5,717	808		74	86
Bulgaria.....	1956		2,393	22 5,061	7,820	368	i 1,734	i 86
Burma.....	1956			771	c 23 1,982	c 31	197	242
Canada.....	1956	e 24 5,800	a 82,816	25 146,293	a 38,182	a 1,298	11 25 5,799	23 4,946
Ceylon.....	1956	j 19 23 2,612	14 197	773			342	364
Chile.....	1956	d 27 28 2,155	d 3,802	7,694	c 20 30 4,109	c 20 187	354	546
China (Taiwan).....	1956		14 2,250	4,952	17,480	260	31 113	118
Colombia.....	1956	e 3,756	a 2,230	7,207	c 33 11,243	c 32 109	657	537
Costa Rica.....	1956	f 27 272	a 271	844	e 3,247	e 18	91	64
Cuba.....	1956	c 8 1,972	14 33 985	4,878			11 570	666
Czechoslovakia.....	1956	i 5,852	16,591	22 57,955	i 18,193	i 1,098	f 516	f 538
Denmark.....	1956	c 24 2,118	4,050	12,895	a 35 6,687	a 35 315	1,311	1,111
Dominican Republic.....	1956	f 27 28 1,237	14 205	a 400	37 3,002	37 82	11 108	125
Ecuador.....	1956	f 27 28 1,237	241	586	e 82	a 23	11 59 81	94
Egypt.....	1956	i 40 8,383	1,580	6,283	b 43 3,651	b 41 244	534	400
El Salvador.....	1956	f 10 653	c 125	466	42 43 175	b 45 44 9	105	113
Ethiopia.....	1956		43	45 122	a 45 40 142	a 45 46 16	45 63	45 61
Finland.....	1956	f 1,984	6,645	8,963	a 6,669	357	885	774
France.....	1956	b 35 47 18,824	53,829	45 128,859			45 5,553	45 4,539
Germany, Western.....	1956	f 22,074	85,074	209,705	i 41 52,882	i 41 6,991	6,617	7,358
Greece.....	1956	e 1,596	1,596	3,219	a 3,000	a 160	464	190
Guatemala.....	1956		14 109	a 529	c 40 1,032	c 40 20	138	106
Haiti.....	1956	f 1,747	14 26	148			47	43
Honduras.....	1956	f 647	e 55	305	c 43 40 450	c 43 13	11 59	73
Hungary.....	1956	g 4,155	5,194	22 16,585	i 4,342	799	h 167	166
Iceland.....	1956		440	a 509	f 1,246	f 10	90	63
India.....	1956	e 61 101,775	11,970	53,026	b 52 6,637	b 52 53 1,715	1,712	1,269
Indonesia.....	1956		14 895	11,435	a 2,453	a 54 302	853	882
Iran.....	1956						310	b 111
Iraq.....	1956		14 55 506	2,572	b 60 22,460	b 60 90	318	448
Ireland, Republic of.....	1956	e 1,272	14 1,644	4,422	a 67 3,328	a 57 155	507	301
Israel.....	1956		14 1,343	2,195	f 7,412	f 85	364	55 107
Italy.....	1956	e 19 20,672	40,611	59,550	e 60 631,875	e 59 3,499	59 3,169	59 2,157
Japan.....	1956	a 35 60 61 39,155	78,561	107,613	a 62 187,112	a 62 4,964	3,230	2,501
Korea, South.....	1956		14 1,118	4,133	j 63 5,249	j 63 122	h 206	25
Lebanon.....	1956		250	a 774			237	40
Liberia.....	1956		a 31	35	j 241	a 32	(15) 27	(15) 45
Luxembourg.....	1956	f 135	1,169	(15) 25,342	j 241	a 32	978	688
Mexico.....	1956	f 27 8,346	7,827	25,452	f 116,000	a 17 64 1,148	3,712	2,862
Netherlands.....	1956	i 3,867	12,448	0,745	c 68 5,615	c 68 158	752	770
New Zealand.....	1956	e 741	14 4,965	165	c 68 1,575	c 68 67 21	69	58
Nicaragua.....	1956	f 330	115	b 65			60 1,212	60 772
Norway.....	1956	f 60 1,388	23,749	21,616	a 35 68 7,447	a 35 68 285	60 1,212	60 772
Pakistan.....	1956	e 27 70 22,393	a 14 607	4,944	c 52 1,230	c 52 126	11 23	11 37
Panama.....	1956	f 19 71 263	14 154	408			11 25	11 37
Paraguay.....	1956	f 21 37 425	c 55	65			361	308
Peru.....	1956		14 675	3,274	a 73 373	a 73 60	11 509	466
Philippines.....	1956	h 7,416	74 1,388	4,044	h 20,463	h 90	516	h 533
Poland.....	1956	f 74 12,404	19,495	83,917	i 70 28,996	a 2,356	h 443	300
Portugal.....	1956	f 27 3,288	2,105	4,065	a 73 3,889	a 77 141		
Rumania.....	1956		4,930	22 24,734	i 73 3,834	i 73 338		
Spain.....	1956	f 10,793	70 13,923	28,210			50 767	50 441
Sweden.....	1956	f 3,105	26,631	37,015	a 43 16,622	a 43 828	2,209	1,945
Switzerland.....	1956	f 2,156	14,895	17,659			1,766	1,442
Syria.....	1956		14 166	994			188	141
Thailand.....	1956	i 8,993	14 81 222	789			331	305
Turkey.....	1956	a 60 32 12,038	a 1,583	84 41,191	c 84 13,700	c 84 673	11 33 1,355	84 1,136
Union of South Africa.....	1956		17,659	87 539,093				
U. S. S. R.....	1956		192,000					

See footnotes at end of table.

## No. 1188.—LABOR FORCE, ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS—Con.

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947; j, 1946]

COUNTRY	Year	Economi- cally active popu- lation <sup>1</sup>	Produc- tion of electric energy <sup>2</sup>	Consump- tion of sources of energy (in terms of coal equiv- alent) <sup>3</sup>	MANUFACTURING <sup>4</sup>		Imports <sup>7</sup>	Exports <sup>7</sup>
					Establish- ments <sup>5</sup>	Persons employed, total <sup>6</sup>		
		1,000	1,000,000 KWH	1,000 short tons	Number	1,000	\$1,000,000	\$1,000,000
United Kingdom.....	1956 e	<sup>80</sup> 30,337	<sup>14</sup> 101,181	284,176 g	<sup>80</sup> 58,044 a	<sup>80</sup> 7,794	10,480	8,882
Uruguay.....	1956	141,065	2,433	2,433 e	24,296 a	180	206	211
Venezuela.....	1956 f	<sup>19</sup> 1,706	<sup>14</sup> 1,501	14,317	—	—	<sup>11</sup> 92 1,026	<sup>83</sup> 2,122
Yugoslavia.....	1956 c	7,849	5,047	11,479 a	<sup>94</sup> 2,508 a	<sup>94</sup> 665	474	3,323
World total.....	1956	<sup>95</sup> 1,485,900	<sup>95</sup> 3,138,500	<sup>95</sup> 3,138,500	—	—	<sup>97</sup> 97,000	<sup>97</sup> 91,900

<sup>1</sup> Census data. Includes unemployed, except as noted.

<sup>2</sup> Comprises utilities (publicly and privately owned) generating primarily for public use, plus industrial establishments generating primarily for own use. Data relate to production at generating centers and therefore include transmission losses.

<sup>3</sup> Refers to gross inland consumption of commercial fuels and water power. Fuelwood and peat omitted.

<sup>4</sup> Relates to production (incl. repair work) in factories, and excludes mining, building and construction, and public utilities (gas, electricity, and water supply).

<sup>5</sup> Single plants or factories. <sup>6</sup> Comprises average number of wage and salaried employees engaged in production (excl. sales and distribution staff).

<sup>7</sup> Expressed in U. S. dollars and refers to merchandise including silver (exc. current silver coin), excluding gold and issued paper currency. Imports are generally valued c. i. f.; exports, f. o. b. Generally, postal and governmental trade are included, war reparations and restitutions excluded. See source publication for "general trade" or "special trade" category distinctions. Roughly half the countries fall into each category, thus affecting comparability.

<sup>8</sup> 14 years old and over. <sup>9</sup> Excludes members of Armed Forces outside cont. U. S. and civilian citizens absent from country for extended periods of time.

<sup>10</sup> Establishments employing 1 or more persons (in addition to working proprietors). <sup>11</sup> F. o. b. <sup>12</sup> Includes Alaska, Hawaii, Puerto Rico. <sup>13</sup> Includes foreign aid and special category military goods.

<sup>14</sup> Public utility plants.

<sup>15</sup> Excludes full-blooded aborigines and Armed Forces outside country. <sup>16</sup> Establishments employing 4 or more persons or using mechanical power.

<sup>17</sup> Excludes working proprietors.

<sup>18</sup> Luxembourg included with Belgium.

<sup>19</sup> 10 years old and over. <sup>20</sup> Excludes tribal Indians, Colonos, Communarios, and unemployed.

<sup>21</sup> Excludes Indian jungle population and unemployed. <sup>22</sup> Production. <sup>23</sup> Factories employing 10 or more wage earners. <sup>24</sup> Excludes Yukon and Northwest territories.

<sup>25</sup> Includes Newfoundland. <sup>26</sup> Excludes part-time employees, unpaid family workers, and unemployed seeking work for first time. <sup>27</sup> 12 years old and over.

<sup>28</sup> Excludes persons seeking work for first time.

<sup>29</sup> Establishments employing 5 or more persons, having a capital of 100,000 pesos or more or production exceeding 250,000 pesos.

<sup>30</sup> Includes quarrying, music, and entertainment.

<sup>31</sup> Excludes foreign aid. <sup>32</sup> Establishments employing 6 or more wage earners and with products valued at 6,000 pesos or more.

<sup>33</sup> January–September. <sup>34</sup> Based on sample of population in private households and Armed Forces.

<sup>35</sup> Establishments employing 6 or more wage earners; Denmark excludes home workers. <sup>36</sup> 7 years old and over.

<sup>37</sup> All industries; manufacturing 97–98 percent.

<sup>38</sup> Excludes unemployed persons. <sup>39</sup> Port of Guayaquil. <sup>40</sup> 5 years old and over; excludes nomads.

<sup>41</sup> Establishments employing 10 or more workers. Egypt, June data. Germany, Western, includes mining. <sup>42</sup> Excludes sugar and textile industries.

<sup>43</sup> Establishments employing 5 or more persons. Sweden includes quarries.

<sup>44</sup> Persons employed during one pay period, excl. unpaid workers.

<sup>45</sup> Ethiopia and Eritrea.

<sup>46</sup> Establishments employing 5 or more persons.

<sup>47</sup> Based on a 5-percent sample of census returns.

<sup>48</sup> Includes Saar. <sup>49</sup> Persons employed for November. Establishments employing 3 or more.

<sup>50</sup> Excludes butter and cheese factories.

<sup>51</sup> Excludes Kashmir-Jammu and tribal areas of Assam. Self-supporting persons.

<sup>52</sup> Establishments employing 20 or more wage earners and using power. <sup>53</sup> Includes distribution staff.

<sup>54</sup> Establishments employing 50 or more workers or having installed power of 5 or more horsepower.

<sup>55</sup> Consumption. <sup>56</sup> Excludes oil industry.

<sup>57</sup> Establishments employing 3 or more wage earners; excludes outside piece-workers.

<sup>58</sup> Excludes pipeline exports of crude petroleum.

<sup>59</sup> Includes Trieste. <sup>60</sup> 15 years old and over.

<sup>61</sup> Based on a 1-percent sample of census returns.

<sup>62</sup> Privately owned establishments employing 4 or more wage earners. <sup>63</sup> Includes public utilities.

<sup>64</sup> Man-years. <sup>65</sup> Establishments employing 2 or more persons or using mechanical power.

<sup>66</sup> Establishments with value of products of at least 12,000 cordobas. <sup>67</sup> Includes 800 unpaid workers.

<sup>68</sup> Establishments whose wage earners were employed a total of 12,000 hours or more. <sup>69</sup> Includes Svalbard.

<sup>70</sup> Excludes Kashmir-Jammu, Gilgit, Balistan, Junagadh, Manavadar, Northwest Frontier Province and Armed Forces.

<sup>71</sup> Excludes tribal Indians and Canal Zone.

<sup>72</sup> Excludes Canal Zone and national exports to the Zone.

<sup>73</sup> Establishments employing 8 or more persons.

<sup>74</sup> Incomplete data. <sup>75</sup> Excludes 394,000 persons for whom tabulations were not made.

<sup>76</sup> Establishments employing 5 or more wage earners; includes mining. <sup>77</sup> Excludes home workers.

<sup>78</sup> Establishments employing 11 or more wage earners or having an installed capacity of more than 20 h. p.

<sup>79</sup> Includes Canary Island and dependencies in North Africa.

<sup>80</sup> Includes Balearic and Canary Islands, Ceuta, and Melilla. <sup>81</sup> Bangkok and Thomburi.

<sup>82</sup> Based on a 10-percent sample of returns. <sup>83</sup> Major industries; State and private sectors combined.

<sup>84</sup> Includes Basutoland, Bechuanaland, Swaziland, and South West Africa. <sup>85</sup> Establishments employing 3 or more persons using mechanical power.

<sup>86</sup> Excludes inter-trade among component parts.

<sup>87</sup> Production, partially corrected for trade.

<sup>88</sup> Excludes Northern Ireland and Scotland.

<sup>89</sup> Self producers. <sup>90</sup> Establishments employing 11 or more persons. <sup>91</sup> Excludes Indian jungle population. <sup>92</sup> Excludes postal and air trade.

<sup>93</sup> Excludes parcel post.

<sup>94</sup> Establishments employing 20 or more wage earners or having an installed capacity of 20 h. p. or more.

<sup>95</sup> Excludes U. S. S. R. and North Korea.

<sup>96</sup> Excludes U. S. S. R., China Mainland, N. Korea, and Eastern Europe.

<sup>97</sup> Excludes Albania, Bulgaria, China Mainland, Czechoslovakia, Eastern Germany, Hungary, North Korea, Poland, Rumania, and U. S. S. R.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1189.—COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND STEEL

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947; j, 1946]

COUNTRY	Year	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
		Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore (iron content) <sup>4</sup>	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
		<i>1,000 sh. tons</i>	<i>1,000 barrels</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>Pounds</i>
United States.....	1950	557,019	1,973,576	42,686	84,351	13,029	96,836	94,745	1,250
	1953	485,388	2,357,084	49,605	86,658	14,003	111,009	109,634	1,376
	1954	417,946	2,314,986	51,184	84,040	14,376	88,312	85,631	1,054
	1955	487,673	2,484,427	58,298	89,121	15,956	117,036	112,938	1,367
	1956	525,628	2,617,431	58,698	86,406	16,025	115,216	111,234	1,323
Argentina.....	1956	168	31,009	2,249		86	223	1,573	161
Australia.....	1956	21,609		2,256	2,848	1,004	10,598	3,310	705
Austria.....	1956	183	23,178	2,134	1,123	82	2,291	1,579	452
Belgium.....	1956	32,579		5,141	55	1,230	7,085	3,013	653
Bolivia.....	1956		3,195	a 41					
Brazil.....	1956	2,461	3,830	3,597	2,285	a 13,133	14 1,505	1,701	57
Bulgaria.....	1956	408	1,849	947	116	32		368	97
Burma.....	1956		1,730	42					
Canada.....	1956	12,574	170,573	5,108	15 12,390	1,039	5,305	7,077	880
Ceylon.....	1956			93				83	19
Chile.....	1956	2,511	3,541	850	1,833	c 13 14	420	427	123
China (Taiwan).....	1956	2,788	10	650	j 13	45	a 44	149	31
Colombia.....	1956	2,094	17 44,129	1,345				429	86
Cuba.....	1956		13 289	459	99	a 13 54		269	90
Czechoslovakia.....	1956	25,806	c 1,327	3,470	841	465	13 5,381	4,645	703
Denmark.....	1956			1,287		11	265	896	401
Dominican Republic.....	1956			272					
Ecuador.....	1956		3,415	167					
Egypt.....	1956		17 11,907	1,489		88		255	22
El Salvador.....	1956			76					
Ethiopia.....	1956			30					
Finland.....	1956			1,058		157	21 217	815	379
France.....	1956	22 60,760	8,831	21 12,554	18,872	21 1,692	22 14,770	23 13,579	23 608
Germany, Western.....	1956	24 149,491	24,776	21,670	4,367	2,789	25,561	23,722	919
Greece.....	1956			1,365	218	a 131		248	62
Guatemala.....	1956			88					
Hungary.....	1956	2,614	g 9,221	1,097	108	112	1,571		
India.....	1956	25 44,166	g 1,893	5,520	3,235	185	1,947	3,958	21
Indonesia.....	1956	913	94,196	160		1		261	6
Iran.....	1956	364	23 198,286	11 172				278	26
Iraq.....	1956		234,534	d 136				164	64
Ireland, Republic of.....	1956	238		692		a 72		153	106
Israel.....	1956		157	676		79		325	359
Italy.....	1956	1,188	4,353	27 12,375	910	2,263	6,512	6,387	265
Japan.....	1956	51,318	2,409	14,359	1,211	4,073	12,242	10,975	245
Korea, South.....	1956	2,001		51	34	4	11		
Lebanon.....	1956			538				154	220
Liberia.....	1956			180	1,586		3,810	(12)	(12)
Luxembourg.....	1956			2,511	2,511		661	1,452	95
Mexico.....	1956	1,552	90,655	2,531	539	13 178			
Netherlands.....	1956	24 13,047	7,667	1,385		782	1,157	2,844	522
New Zealand.....	1956	895	6	497	1			394	357
Nicaragua.....	1956			46					
Norway.....	1956	23 430		1,010	1,096	a 86	316	1,074	622
Pakistan.....	1956	29 723	2,120	866			10 12	354	9
Panama.....	1952			113					
Paraguay.....	1956			15					
Peru.....	1956	142	13,385	612	1,721	a 13		192	40
Philippines.....	1956	167		489	873	13 25		352	32
Poland.....	1956	104,884	1,359	4,448	37 740	530	21 5,527	5,120	370
Portugal.....	1956	456		1,129	129	280		340	77
Rumania.....	1956	198	81,767	2,410	344	j 29	859	1,590	181
Saudi Arabia.....	1956		360,921					99	33
Spain.....	1956	14,166	d 21 63	11 4,409	2,280	947	10 1,370	1,661	112

See footnotes at end of table.

# No. 1189.—COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND STEEL—Continued

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947; j, 1946]

COUNTRY	Year	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
		Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore (iron content) <sup>4</sup>	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
		<i>1,000 sh. tons</i>	<i>1,000 barrels</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>Pounds</i>
Sweden.....	1956	324 c	497	2,754	12,458	440	2,678	3,105	849
Switzerland.....	1956	-----	-----	2,622	73	141	-----	1,456	580
Syria.....	1956	-----	-----	359	-----	-----	-----	97	49
Thailand.....	1956	-----	-----	439	-----	-----	-----	171	17
Tunisia.....	1956	-----	-----	397	694	-----	-----	75	40
Turkey.....	1956	4,098	2,044	1,071	662	18	213	423	33
Union of South Africa.....	1956	37,380	258 a	2,723	1,444	-----	21 1,769	2,125	306
U. S. S. R.....	1956	334,772	627,483	27,405	49,824	-----	53,572	51,856	518
United Kingdom.....	1956	248,646	1,069	14,295	5,024	2,521	23,138	21,462	838
Uruguay.....	1956	-----	-----	291	-----	-----	-----	132	101
Venezuela.....	1956	34	899,177	1,599	7,770	-----	-----	946	320
Viet-Nam.....	1956	2	-----	280	-----	-----	-----	95	6
Yugoslavia.....	1956	1,368	2,201	1,714	913	118	978	906	101
World total.....	1956	1,406,500	5,660,800	224,900	156,700	38,100	253,000	-----	-----

<sup>1</sup> Excludes lignite and brown coal.

<sup>2</sup> Source presents data in metric tons. Conversion of data to barrels allows for differences in specific gravity of petroleum. Figures refer to crude petroleum including shale oil, but excluding natural gasoline.

<sup>3</sup> Covers, as far as possible, all hydraulic cements used for construction (portland, metallurgic, aluminous, natural, etc.).

<sup>4</sup> Data generally refer to iron content of marketable ores mined, including manganiferous iron ores but excluding pyrites. Data are sometimes only rough estimates obtained by applying a fixed percentage to figures for production of crude ores.

<sup>5</sup> Data expressed in terms of pure (monohydrate) sulfuric acid and include sulfuric acid equivalent of oleum or "fuming" sulfuric acid. Excludes some small producers.

<sup>6</sup> Total production of crude steel, both ingots and steel for castings. Excludes wrought (puddled) iron.

<sup>7</sup> Data represent apparent consumption (i.e., production plus imports minus exports) and do not take into account changes in stocks.

<sup>8</sup> Excludes manganiferous iron ores.

<sup>9</sup> Portland cement only (98.7 percent of total production).

<sup>10</sup> Ingots only.

<sup>11</sup> Excludes natural cement.

<sup>12</sup> Luxembourg included with Belgium.

<sup>13</sup> Strength of acid not reported.

<sup>14</sup> Excludes alloy steels.

<sup>15</sup> Shipments. Includes Newfoundland.

<sup>16</sup> China. Represents estimated iron content of iron ore imports into Japan from China and of small production of mines under Chinese control. Excludes Manchuria.

<sup>17</sup> Includes natural gasoline. <sup>18</sup> January-October.

<sup>19</sup> Includes wrought (puddled) iron.

<sup>20</sup> Excludes royalties in kind to the States.

<sup>21</sup> Ingots and finished castings.

<sup>22</sup> Excludes the Saar (coal, 18,838,000 tons; cement, 363,000 tons; steel, 3,719,000 tons).

<sup>23</sup> Includes Saar.

<sup>24</sup> Low-grade coal has been included at its hard-coal equivalent.

<sup>25</sup> Excludes issues to miners.

<sup>26</sup> Represents production of National Iranian Oil Co.

<sup>27</sup> Represents about 97-98 percent of total production.

<sup>28</sup> Svalbard; Norwegian-operated mines only.

<sup>29</sup> Includes lignite.

<sup>30</sup> Includes content of iron pyrites.

<sup>31</sup> Entirely shale oil.

<sup>32</sup> Great Britain only; excludes coal produced at quarries but includes open-cast coal.

<sup>33</sup> Production in Guárico and Táchira.

<sup>34</sup> South Viet-Nam only.

<sup>35</sup> Includes Cambodia and Laos.

<sup>36</sup> Excludes U. S. S. R. and China Mainland.

<sup>37</sup> Excludes U. S. S. R. and China.

<sup>38</sup> Excludes U. S. S. R.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1190.—GOLD AND FOREIGN EXCHANGE HOLDINGS: 1938 TO 1956

[In millions of U. S. dollars. Data refer to gross holdings of central banks, treasuries, exchange stabilization funds and other official institutions as of end of year, except as noted]

COUNTRY	GOLD HOLDINGS <sup>1</sup>				FOREIGN EXCHANGE HOLDINGS <sup>2</sup>			
	1938	1950	1955	1956	1938	1950	1955	1956
United States <sup>3</sup>	14,592	22,820	21,752	22,058				
Australia <sup>4</sup>	6	88	144	107	275	1,403	691	845
Austria		<sup>5</sup> 50	71	71		<sup>6</sup> 41	290	335
Belgium	780	587	929	928		162	217	249
Bolivia	3.4	22.8	.1	1.0	1.3	6.0	6.4	3.2
Brazil	32	318	323	324	26	348	168	288
Burma <sup>6</sup>		118.7	92.2	120.8				
Canada	7 186	7 580	7 1,134	7 1,103	<sup>8</sup> 34	<sup>8</sup> 1,190	<sup>8</sup> 776	<sup>8</sup> 841
Chile	30.1	40.3	44.4	45.7	<sup>8</sup> 14.0	<sup>8</sup> 38.5	<sup>8</sup> 30.6	<sup>8</sup> 30.6
Colombia	24	74	86	67	<sup>8</sup> 3	<sup>8</sup> 27	<sup>8</sup> 55	<sup>8</sup> 75
Costa Rica	.20	2.06	2.05	2.07	<sup>8</sup> 1.06	<sup>8</sup> 1.67	<sup>8</sup> 17.49	<sup>8</sup> 9.70
Cuba	10.1	11 271	11 186	11 136	<sup>8</sup> 1	<sup>8</sup> 147	<sup>8</sup> 357	<sup>8</sup> 343
Denmark	53.4	31.5	31.0	31.0	23.3	65.5	102.0	100.1
Dominican Republic		4.0	12.1	11.4		<sup>8</sup> 15.3	<sup>8</sup> 24.2	<sup>8</sup> 26.0
Ecuador	3.4	18.8	22.9	21.7	<sup>8</sup> 4	<sup>8</sup> 18.6	<sup>8</sup> 10.8	<sup>8</sup> 10.0
Egypt	55	98	174	188	120	881	467	378
El Salvador	6.6	23.0	28.4	28.1	<sup>8</sup> 1.3	<sup>8</sup> 17.9	<sup>8</sup> 10.3	<sup>8</sup> 10.5
Finland	26.5	12.0	35.3	35.3	12 48.5	72.1	183.6	138.7
France <sup>6</sup>	2,791	<sup>8</sup> 1,334	<sup>8</sup> 2,078	<sup>8</sup> 1,356				
Germany, Western			920	1,494		274	2,156	2,797
Greece	26.8	1.5	10.9	9.4		185.7	199.1	208.1
Guatemala	6.7	27.2	27.2	27.2		<sup>8</sup> 10.1	<sup>8</sup> 27.1	<sup>8</sup> 42.7
Honduras	.11	.11	.11	.11	<sup>8</sup> 72	<sup>8</sup> 10.47	<sup>8</sup> 19.28	<sup>8</sup> 17.58
Iceland	1.0	1.0	1.0	1.0		7.2	12.6	13.4
India	274	247	247	247	13 211	13 1,752	13 1,544	13 1,113
Indonesia	65	209	81	45	7	147	226	209
Iran	26	14 139	138	138	12	14 113	67	91
Iraq	10	17	18	18	21.9	117	286	339
Ireland, Republic of	10	17	18	18	13 49	13 228	13 225	13 216
Italy	193	256	352	338	8	622	885	970
Japan	230	7	23	23	59	16 557	16 1,316	16 1,484
Lebanon		20.0	73.7	77.2		16 18.5	16 12.8	16 10.5
Mexico	28	207	141	166	<sup>8</sup> 13	<sup>8</sup> 84	<sup>8</sup> 276	<sup>8</sup> 323
Netherlands	998	311	865	844	5	295	412	228
New Zealand	23	29	33	33	21	143	146	160
Nicaragua	.33	2.77	2.76	1.33		<sup>8</sup> 17.29	<sup>8</sup> 17 11.10	<sup>8</sup> 17 5.66
Norway	83.8	50.1	45.2	50.8	18 50.5	18 72.3	18 120.1	18 128.5
Pakistan		27	48	49		479	322	324
Paraguay <sup>10</sup>		.19	.19	.18		12.32	11.73	12.50
Peru	19.9	31.0	34.9	35.1	<sup>8</sup> 1.2	<sup>8</sup> 22.6	<sup>8</sup> 17.0	<sup>8</sup> 31.8
Philippines		3	16	22		<sup>8</sup> 292	<sup>8</sup> 140	<sup>8</sup> 139
Portugal	86	192	428	448		279	244	244
Spain	<sup>20</sup> 525	61	57	57				
Sweden	321	90	276	266	199	199	194	207
Switzerland	701	1,470	<sup>21</sup> 1,597	<sup>21</sup> 1,676	<sup>8</sup> 66	<sup>8</sup> 109	258	238
Thailand		118	112	112	<sup>8</sup> 65	<sup>8</sup> 170	<sup>8</sup> 186	<sup>8</sup> 199
Turkey	29	150	144	144	5	65	67	86
Union of South Africa	220	197	212	224	39	279	156	148
United Kingdom	<sup>22</sup> 2,877	<sup>23</sup> 3,300	<sup>23</sup> 2,120	<sup>23</sup> 2,133		12 76	12 -74	12 -40
Uruguay	72	236	216	186	12 -5	<sup>8</sup> 1	<sup>8</sup> 122	<sup>8</sup> 339
Venezuela		373	403	600		<sup>25</sup> 12.22	<sup>25</sup> 12.58	<sup>25</sup> 16.50
Yugoslavia	<sup>24</sup> 56.9							

<sup>1</sup> Excludes gold used in payment of a country's subscriptions to International Monetary Fund or International Bank for Reconstruction and Development. Reported in United States dollars at \$35 per fine troy ounce.

<sup>2</sup> Foreign exchange holdings ordinarily include foreign currencies, bank deposits abroad, payment and clearing agreement balances, and short-term foreign bills and securities (generally those with an original maturity of 1 year or less) and, in those instances where information is available from EPU, undrawn portions of foreign loans. Excludes subscriptions to International Monetary Fund, drawing rights in EPU, undrawn portions of foreign loans, and similar rights to incur foreign debts. Holdings have been converted into United States dollar equivalents at par value or, in absence of a par value, at official exchange rate.

<sup>3</sup> Holdings of Treasury and of gold in active portion of Stabilization Fund.

<sup>4</sup> Includes holdings of commercial banks. Foreign exchange holdings reported on a net basis. <sup>5</sup> Estimated.

<sup>6</sup> Foreign exchange holdings included with gold holdings. <sup>7</sup> Excludes small mint holdings.

<sup>8</sup> Virtually all United States dollars. <sup>9</sup> Excludes small amounts held by the Amortization Fund.

<sup>10</sup> Treasury holdings. <sup>11</sup> Holdings of the National Bank. <sup>12</sup> Net holdings.

<sup>13</sup> Virtually all sterling. <sup>14</sup> Figures relate to March 20 of the following year.

<sup>15</sup> Government holdings only.

<sup>16</sup> Virtually all French francs. <sup>17</sup> Excludes holdings of the Banking Department of the Central Bank.

<sup>18</sup> Bank of Norway only; excludes government holdings.

<sup>19</sup> 1938-50, Monetary Dept. of Bank of Paraguay; 1955-56, Central Bank of Paraguay. <sup>20</sup> April 30.

<sup>21</sup> Includes Treasury holdings. <sup>22</sup> Bank of England and Exchange Equalization Account holdings.

<sup>23</sup> United States and Canadian dollar holdings of Exchange Equalization Account.

<sup>24</sup> United States Federal Reserve Board data.

<sup>25</sup> Holdings of government and banks in U. S. banks.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1191.—FOREIGN EXCHANGE RATES: 1956

[National currency units per U. S. dollar. Data represent (a) par value rates for countries with single or fixed rates of exchange (minor fluctuations only), and (b) significant buying and selling rates for countries with fluctuating or multiple rates. Fixed rates represent those in effect for the major portion of the year; fluctuating rates represent those at the end of the year. Free rates are simple arithmetic averages of monthly quotations. Currency conversion factors (expressed in U. S. cents per unit of national currency and printed in italics) shown for multiple-rate countries are those used for converting data for imports and exports in national currency into U. S. dollars of the gold content fixed on January 31, 1934. Currency conversion factors are not shown for single-rate countries, since they are reciprocals of the rates shown]

COUNTRY	Monetary unit	Exchange rate	COUNTRY	Monetary unit	Exchange rate
Argentina: <sup>1</sup>			Iraq	Dinar	0.3571
Official	Peso	18.00	Ireland	Pound	0.3571
Free	do	35.27	Israel:		
Australia	Pound	0.4464	Principal	L. I.	1.80
Austria	Schilling	26.00	Other	do	1.50
Belgium	Franc	50.00	<i>Currency conversion factor</i>	do	<i>55.56</i>
Bolivia: <sup>1</sup>			Italy	Lira	625.0
Selling rate	Boliviano	( <sup>2</sup> )	Japan	Yen	360.0
Curb	do	7.745	Lebanon:		
Brazil: <sup>1</sup>			Official	L.L.	2.19
Official: Export: Coffee	Cruzeiro	37.06	Free	do	3.20
Other	do	43.06-67.00	<i>Currency conversion factor</i> :		
Free	do	55.65	<i>Exports</i>	do	<i>31.07</i>
Burma	Kyat	4.762	<i>Imports</i>	do	<i>45.63</i>
Canada:			Luxembourg	Franc	50.00
Selling rate	Dollar	0.960	Mexico	Peso	12.50
<i>Currency conversion factor</i>	do	<i>101.70</i>	Netherlands	Guilder	3.800
Chile:	Rupee	4.762	New Zealand	Pound	0.3571
Free (Trade):			Nicaragua: <sup>1</sup>		
Buying and selling	Peso	547.0	Principal: Buying	Córdoba	6.60
Free (tourist and capital)	do	600.0	Selling	do	7.05
<i>Currency conversion factor (gold peso)</i>	do	<i>20.60</i>	Free	do	7.45
Colombia:			Norway	Krone	7.143
Buying: Export: Coffee	do	3.18	Pakistan	Rupee	4.762
Other	do	2.50	Panama	Balboa	1.000
Selling: Official	do	2.51	Paraguay: Export rate	Guerani	60.00
Free	do	6.86	Import rate	do	60.00-85.00
<i>Currency conversion factor</i>	do	<i>40.00</i>	Free	do	113.00
Costa Rica: <sup>1</sup>			Peru:		
Principal: Export	Colon	5.60	Dollar rate	Sol	19.00-19.05
Import	do	5.67	Sterling rate <sup>4</sup>	do	18.60-18.70
Controlled: Free	do	6.65	<i>Currency conversion factor</i> :		
Cuba	Peso	1.000	<i>Exports</i>	do	<i>5.263</i>
Denmark	Krone	6.907	<i>Imports</i>	do	<i>6.295</i>
Dominican Republic	Peso	1.000	Philippines	Peso	2.000
Ecuador:			Portugal	Esoudo	28.75
Buying: Official	Sucre	15.00	Spain:		
Selling: Principal	do	15.15	Export: Principal	Peseta	30.42
Free	do	18.76	Other	do	21.90-37.24
<i>Currency conversion factor</i>	do	<i>6.67</i>	Import: Principal	do	38.95
Egypt	L. E.	0.3482	Other	do	16.42-32.13
El Salvador	Colon	2.500	<i>Currency conversion factor</i> <sup>5</sup>	do	<i>32.67</i>
Finland	Markka	230.0	Sweden	Krona	5.173
France	Franc	350.0	Switzerland:		
Germany, Western	D. Mark	4.200	Bank rate <sup>6</sup>	Franc	4.285
Greece	Drachma	30.00	<i>Currency conversion factor</i>	do	<i>25.27</i>
Guatemala	Quetzal	1.000	Syria:		
Honduras	Lempira	2.000	Selling	L. S.	3.58
Iceland:			<i>Currency conversion factor</i> :		
Export: Official	Krona	16.26	<i>Exports</i>	do	<i>28.10</i>
Import: Principal	do	16.32-18.93	<i>Imports</i>	do	<i>45.63</i>
Other	do	20.59-35.59	Thailand: Buying	Baht	20.47
<i>Currency conversion factor</i>	do	<i>6.140</i>	Turkey	L. T.	2.800
India	Rupee	4.762	Union of South Africa	Pound	0.3571
Indonesia:			United Kingdom <sup>7</sup>	do	0.3571
Principal: Export	Rupiah	11.36-13.57	Uruguay: <sup>1</sup> Export rate	Peso	1.50-4.10
Import	do	11.48-22.95	Import rate	do	2.10-4.10
Other imports	do	28.68-57.38	Free	do	3.80
<i>Currency conversion factor</i>	do	<i>8.772</i>	Venezuela:		
Iran:			Export rate	Bolivar	3.09-4.25
Principal: Buying	Rial	75.00	Import rate	do	3.35
Selling	do	76.50	<i>Currency conversion factor</i>	do	<i>29.85</i>
<i>Currency conversion factor</i>	do	<i>5.101</i>	Yugoslavia	Dinar	300.0

<sup>1</sup> No currency conversion factor shown, trade data available in U. S. dollars.

<sup>2</sup> The par value is 190 bolivianos per U. S. dollar, but it has no application.

<sup>3</sup> Currency conversion factor: 1 Gold córdoba=1 U. S. dollar.

<sup>4</sup> Soles per sterling equivalent of the U. S. dollar.

<sup>5</sup> Gold peseta. <sup>6</sup> Annual averages of rate.

<sup>7</sup> Also applies to Bahama Islands, Bermuda, Cyprus, Falkland Islands, Gibraltar, and Malta.

## No. 1192.—TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC <sup>4</sup>		Civil aviation: Miles flown <sup>5</sup>	Motor vehicles in use <sup>6</sup>
		Mer- chant shipping fleets <sup>1</sup>	Vessels entered <sup>2</sup>	Freight loaded <sup>3</sup>	Freight un- loaded <sup>3</sup>	Pas- senger miles	Short ton miles		
		1,000 gross tons	1,000 net tons	1,000 short tons	1,000 short tons	1,000,000	1,000,000	1,000	1,000
United States.....	1950	27,513	8 86,792	8 9 67,043	8 10 101,451	31,790	591,550	471,617	11 49,162
	1955	26,423	8 94,182	8 9 117,736	8 10 152,952	28,548	626,892	12 779,898	11 62,694
	1956	26,146	8 102,984	8 9 150,365	8 10 172,138	28,210	650,216	12 869,333	11 65,212
Argentina.....	1956	1,050	13 10,799	7,952	14,140	9,572	14 11,258	12 534	a 601
Australia.....	1956	606	10,095	18 8,622	15 16,477	8,147	8,147	55,593	10 2,151
Austria.....	1956					17 3,572	17 15 4,977	256	
Belgium.....	1956	540	a 28,935	17,644	28,429	5,178	18 4,706	18,010	b 575
Bolivia.....	1956					206	b 203	3,244	16 96
Brazil.....	1956	862	13 19 37,944	20 6,336	20 15,373	14 7,899	14 7,106	68,206	a 714
Bulgaria.....	1956		1,360	779	788	1,744	3,071		
Burma.....	1956		1,374	2,222	1,036	526	14 415	2,007	a 31
Canada.....	1956	21 1,504	22 34,784	22 49,374	22 40,554	23 2,906	23 78,775	52,093	23 24 4,195
Ceylon.....	1956		7,055	1,087	2,706	917	195	1,153	82
Chile.....	1956	249		4,779	2,112	a 1,172	a 25 1,756	26 5,242	105
China.....	1956	553	13 27 3,731	27 1,376	27 2,339	27 1,770	14 27 1,160	27 1,599	27 13
Colombia.....	1956		13 9,384	5,344	1,897	342	28 405	25 24,320	a 151
Costa Rica.....	1956	508		217	482	40	a 43		d 10
Cuba.....	1956	b	19 10,448	6,439	a 5,884	173	690	6,661	190
Czechoslovakia.....	1956						14 23,479	20 5,496	f 230
Denmark.....	1956	1,695	a 29 12,278	29 3,338	29 16,138	a 2,025	a 30 889	31 7,775	362
Dominican Rep.....	1956	d	13 12 2,516	32 1,534	32 90				14
Ecuador.....	1956			898	370	73	a 81		a 21
Egypt.....	1956	128		2,666	4,738	17 2,664	17 1,107	2,034	a 95
El Salvador.....	1956		19 2,447	30 117	30 410				a 17
Ethiopia.....	1956					33 27	33 84	2,734	34 21
Finland.....	1956	752	4,152	8,201	7,492	1,397	3,027	4,998	169
France.....	1956	3,943	54,690	35 27,690	61,818	19,113	34,398	62,784	26 4,903
Germany, West.....	1956	37 3,206	34,404	17,522	46,123	38 24,066	14 39 42,221	6,436	40 3,404
Greece.....	1956	1,307	13 41 5,824	1,195	4,713	a 623	a 14 235	2,535	b 42
Guatemala.....	1956		13 2,679	378	514		b 168		28
Haiti.....	1956		13 2,162	139	367				9
Honduras.....	1956	386							8
Hungary.....	1956					14 5,636	14 5,591		f 32
Iceland.....	1956	80						26 3,153	17
India.....	1956	580	9,952	a 42 9,370	a 13,238	42,445	14 44,753	23,481	378
Indonesia.....	1956	102		14,369	6,246	2,897	712	8,522	43 131
Iran.....	1956	b	13 44 4,768	b 44 3,864	b 44 862	278	925	8,890	53
Iraq.....	1956		44 1,440	44 625	45 726	b 354	b 28 577	1,107	38
Ireland, Rep. of.....	1956		8,103				45 200	3,788	184
Israel.....	1956	148	13 2,136	790	45 1,624	47 198	14 47 111	2,711	37
Italy.....	1956	48 4,197	43 34,197	48 8,787	45 46,889	17 15,109	17 28 10,073	11,433	49 1,440
Japan.....	1956	50 4,076	13 20,276	51 9,716	51 51,229	17 60,945	17 31,719	8,622	517
Korea, South.....	1956		13 3,207	151	52 984	2,616	14 1,392		25
Lebanon.....	1956		13 63 3,738	53 54 487	53 54 1,672	3	28	3,802	33
Liberia.....	1956	5,684		a 2,029	a 220				f 1
Luxembourg.....	1956					160	55 445		31
Mexico.....	1956	165	2,011	5,550	1,990	2,401	8,211	40,706	a 551
Netherlands.....	1956	4,065	50,249	26 23,957	57 74,696	4,776	18 25 2,440	36,480	57 458
New Zealand.....	1956	250	3,009	1,824	5,658		1,273	9,265	521
Nicaragua.....	1956		13 791			73	18	1,196	6
Norway.....	1956	8,035	6,814			58 969	28 1,049	59 9,790	233
Pakistan.....	1956	154	5,337	1,586	4,428	6,308	4,299	3,030	50
Panama.....	1956	3,926							23
Paraguay.....	1946					24	17		6
Peru.....	1956	98	a 13 54 14,772	5,493	1,411	a 208	a 14 351	28 3,844	a 104
Philippines.....	1956	134	7,694	7,767	4,594	375		5,486	18 134
Poland.....	1956	337	13 3,292	60 16,678		61 23,361	61 35,685	3,488	f 70
Portugal.....	1956	637	13 8,225	32 62 3,059	32 62 4,030	1,066	521	4,701	a 135
Spain.....	1956	1,438	65 18,437	63 8,692	63 9,084	17 68 5,314	16 17 5,622	11,930	64 263
Sweden.....	1956	2,922	23,165	18,474	23,236	3,875	7,513	12,766	66 856
Switzerland.....	1956	111				a 4,432	a 14 13 2,243	13,479	68 371
Syria.....	1956		13 10 54 7,341	44 67 16,940	54 67 395	32	104		26
Thailand.....	1956		68 2,164	68 2,165	68 1,668	1,157	622	2,108	a 51
Turkey.....	1956	601	13 3,162	60 2,628	60 2,684	2,784	28 3,041	3,335	71
Union of S. Africa.....	1956	167	70 13,851	70 4,874	70 8,717		71 17,449	7,430	810
U. S. S. R.....	1956	2,636				61 88,483	61 739,122		
United Kingdom.....	1956	19,546	77,138	72 40,198	72 113,636	73 21,133	73 74 24,049	75,761	75 5,162

See footnotes at end of table.

# No. 1192.—TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES—Continued

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC <sup>4</sup>		Civil aviation: Miles flown <sup>5</sup>	Motor vehicles in use <sup>6</sup>
		Merchant shipping fleets <sup>1</sup>	Vessels entered <sup>2</sup>	Freight loaded <sup>3</sup>	Freight unloaded <sup>3</sup>	Passenger-miles	Short ton miles		
		1,000 gross tons	1,000 net tons	1,000 short tons	1,000 short tons	1,000,000	1,000,000	1,000	1,000
Uruguay.....	1956	78							d 86
Venezuela.....	1956	217	13,493	146,913	2,707			15,046	a 214
Viet-Nam.....	1956	b 15	76 2,565	44 76 625	54 76 1,497	77 238	14 17 77 48		77 46
Yugoslavia.....	1956	319	12 2,517	1,760	3,461	4,479	14 8,130	1,845	39
World total.....	1956	105,200		7 1,014,000	7 1,014,000		1,858,300	73 1,578,300	79 99,010

<sup>1</sup> Figures relate to merchant fleets on June 30. They are given in gross registered tons (see text, p. 581). Only vessels of 100 gross tons and over are included. Excludes vessels without mechanical means of propulsion, but includes sailing vessels with auxiliary power. Excludes the following classes of ships, not entered in Lloyd's Register: Ships trading on Caspian Sea; wooden or composite ships trading on Great Lakes of North America.

<sup>2</sup> In general, represents sum of net registered tonnage (see text, p. 581) of seagoing foreign and domestic merchant vessels (power and sailing) entered with cargo from a foreign port and refer to only one entrance for each foreign voyage. Excludes, if possible, "in ballast," i.e., entering without unloading goods.

<sup>3</sup> Represents weight of all goods (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country in question. Excludes bunkers, ships' stores, ballast, and transshipment (goods transhipped from an importing vessel to an exporting vessel). Includes goods unloaded into or loaded from bonded warehouse.

<sup>4</sup> Relates to domestic and international traffic on all railway lines within each country shown except railways entirely within an urban unit, and plantation, industrial, mining, funicular and cable railways. Passenger miles include all passengers except military, government, and railway personnel when carried without revenue; ton miles relate to freight net ton miles and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage and nonrevenue government stores.

<sup>5</sup> Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services.

<sup>6</sup> For years in which a census or registration took place, census or registration figure is shown; for other years officially estimated number of vehicles in use is shown. Includes passenger cars and commercial vehicles. Excludes trams, trolley-buses, special and government service vehicles, motorcycles, trailers, farm and road tractors. <sup>7</sup> Includes Great Lakes.

<sup>8</sup> U. S. customs area. Includes Great Lakes international traffic; includes Alaska, Hawaii, Puerto Rico. <sup>9</sup> Includes transshipments.

<sup>10</sup> Excludes import shipments on Army and Navy transports.

<sup>11</sup> Includes publicly owned vehicles.

<sup>12</sup> Includes Alaskan airlines.

<sup>13</sup> Includes vessels in ballast.

<sup>14</sup> Includes service traffic.

<sup>15</sup> Includes mail and passengers' baggage.

<sup>16</sup> Includes Government vehicles.

<sup>17</sup> State railways. <sup>18</sup> Full carsloads only.

<sup>19</sup> All entrances counted.

<sup>20</sup> Excludes goods to and from bonded warehouses.

<sup>21</sup> Includes vessels trading on Great Lakes (932,969 gross tons).

<sup>22</sup> Includes Great Lakes and St. Lawrence international traffic. <sup>23</sup> Includes Newfoundland.

<sup>24</sup> Includes government service and special service vehicles, trolley buses (2 provinces only), and farm tractors. <sup>25</sup> Gross ton miles.

<sup>26</sup> Includes nonrevenue and nonscheduled flights.

<sup>27</sup> Taiwan only. <sup>28</sup> Excludes livestock.

<sup>29</sup> Excludes international ferry traffic.

<sup>30</sup> Includes passengers' baggage.

<sup>31</sup> Includes Danish portion of Scandinavian Airways System.

<sup>32</sup> Includes goods imported and exported other than by sea.

<sup>33</sup> Traffic Djibouti-Addis Ababa.

<sup>34</sup> Includes data for Eritrea.

<sup>35</sup> Includes bunkers and ships' stores.

<sup>36</sup> Includes trailers. <sup>37</sup> All Germany.

<sup>38</sup> Excludes occupation traffic.

<sup>39</sup> Includes occupation traffic.

<sup>40</sup> Includes trolley buses.

<sup>41</sup> Port of Piraeus only.

<sup>42</sup> Includes bunkers.

<sup>43</sup> Includes government service, special service, and military vehicles.

<sup>44</sup> Includes Caspian Sea traffic.

<sup>45</sup> Excludes tankers and petroleum.

<sup>46</sup> Two principal railways; including some traffic in Northern Ireland.

<sup>47</sup> Includes military traffic. <sup>48</sup> Includes Trieste.

<sup>49</sup> Excludes vehicles exempt from taxation.

<sup>50</sup> Excludes wooden or composite ships with auxiliary power under 300 tons. <sup>51</sup> Excludes military goods.

<sup>52</sup> Excludes civilian aid goods (2,479,000 tons).

<sup>53</sup> Port of Beirut only. Excludes livestock and petroleum loaded in Sidon and Tripoli (23.7 million tons).

<sup>54</sup> Includes coastwise shipping.

<sup>55</sup> Excludes livestock and express parcels.

<sup>56</sup> Includes floating appliances when delivered without being loaded on ships.

<sup>57</sup> Includes vehicles of special services.

<sup>58</sup> Excludes suburban railways. <sup>59</sup> Includes Norwegian portion of Scandinavian Airways System.

<sup>60</sup> Includes bunkers and transshipments; excludes livestock.

<sup>61</sup> May include service traffic.

<sup>62</sup> Excludes packing.

<sup>63</sup> Includes Balearic Islands.

<sup>64</sup> Includes Balearic Islands, Ceuta, and Melilla.

<sup>65</sup> Includes Swedish portion of Scandinavian Airways System.

<sup>66</sup> Includes government vehicles and vehicles of special services.

<sup>67</sup> Includes petroleum loaded at Banias (17 million tons). <sup>68</sup> Bangkok.

<sup>69</sup> Excludes timber and livestock.

<sup>70</sup> Includes data for South-West Africa.

<sup>71</sup> Includes South-West Africa and Vryburg-Bulawayo line of Rhodesia railways.

<sup>72</sup> Excludes packing. Includes goods carried by air, road, and rail between Ireland (Rep.) and Northern Ireland.

<sup>73</sup> British Railways. <sup>74</sup> Includes free-hauled traffic.

<sup>75</sup> Excludes Northern Ireland.

<sup>76</sup> Saigon only. <sup>77</sup> South.

<sup>78</sup> Excludes China Mainland and U. S. S. R.

<sup>79</sup> Excludes Albania, Bulgaria, China Mainland, Czechoslovakia, Eastern Germany, Hungary, North Korea, Poland, Rumania, U. S. S. R., and North Viet-Nam.

Source: Statistical Office of the United Nations; Statistical Yearbook.



No. 1193.—COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS,  
RADIO, AND TELEVISION

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: ae represents 1956; a, 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947; j, 1946]

COUNTRY	Year	Tele- phones in use <sup>1</sup>	Tele- grams sent, do- mestic <sup>2</sup>	Letters sent, do- mestic <sup>3</sup>	NEWSPAPERS			RADIO			Tele- vision receiving sets <sup>9</sup>
					Dailies <sup>4</sup>	Circulation		Trans- mitting stations <sup>7</sup>	Receiv- ing sets <sup>8</sup>		
						Total <sup>5</sup>	Copies per 1,000 popu- lation <sup>6</sup>				
		1,000	1,000	1,000,000	Num- ber	1,000		Num- ber	1,000	1,000	
United States.....	1950	43,004	<sup>10</sup> 175,077	<sup>11</sup> 45,064				<sup>12</sup> 4,195			
	1955	56,243	<sup>10</sup> 153,179	<sup>11</sup> 55,234	1,765	55,072	339	<sup>13</sup> 3,330	<sup>14</sup> 133,700	<sup>15</sup> 36,900	
	1956	60,190	<sup>10</sup> 150,424	<sup>11</sup> 56,441	1,824	56,596	337	<sup>13</sup> 3,504	<sup>14</sup> 160,000	<sup>15</sup> 42,000	
Afghanistan.....	1956	6			d	4 d	13 d	1	f	<sup>14</sup> 8	
Albania.....	1948									<sup>14</sup> 40	
Argentina.....	1956	1,155 g	22,604	1,284	346	3,162	162	64 c	<sup>14</sup> 2,900	<sup>15</sup> 75	
Australia.....	1957	ae 1,704	ae 22,600	ae 1,551	53	3,655	381	ae 160 a	<sup>14</sup> 2,051	ae <sup>14</sup> 27	
Austria.....	1956	541	2,482	567	34	1,306	187	80	<sup>14</sup> 1,790	<sup>15</sup> 6	
Belgium.....	1956	931	4,125	2,113 d	39 d	3,343 d	383	12	<sup>14</sup> 2,222	<sup>15</sup> 150	
Bolivia.....	1956	12			d 12 d	70 d	23	f	<sup>14</sup> 150		
Brazil.....	1956	843		a 2,475 a	235 a	<sup>16</sup> 2,975 a	<sup>16</sup> 50 a	593 b	<sup>14</sup> 3,500	<sup>15</sup> 200	
Bulgaria.....	1956	h 54 i	5,575 i	528	13	1,300	170	b	<sup>14</sup> 350	<sup>15</sup> 0.5	
Burma.....	1956	7 a	851		d 32 d	153 d	8 d	1 d	<sup>14</sup> 15		
Cambodia.....	1956	3	40	1 a	7 a	13 a	3 b	1 b	<sup>14</sup> 6.3		
Canada.....	1956	4,500	<sup>10</sup> 17,713	<sup>17</sup> 3,043	98	3,899	244	249	<sup>14</sup> 9,050	<sup>15</sup> 2,450	
Ceylon.....	1956	29	3,255	259	<sup>18</sup> 8	<sup>18</sup> 272	<sup>18</sup> 31 b	1 a	<sup>14</sup> 102		
Chile.....	1956	153	7,658		d 43 d	465 d	74 a	96 b	<sup>14</sup> 650		
China.....	1956	<sup>10</sup> 47 i	<sup>10</sup> 18,424	<sup>10</sup> 158 a	<sup>19</sup> 33 a	<sup>19</sup> 297 a	<sup>19</sup> 33	h	<sup>14</sup> 800		
Colombia.....	1956	198			a 36 a	509 a	40	f	<sup>14</sup> 500	<sup>15</sup> 50	
Costa Rica.....	1956	11			d 5 d	78 d	91	b	<sup>14</sup> 50		
Cuba.....	1956	144			58	796	129 a	156 c	<sup>14</sup> 900	<sup>15</sup> 275	
Czechoslovakia.....	1956	h 351 i	i 5,368 j	801	17	2,200	166 i	15	<sup>14</sup> 2,906	<sup>15</sup> 60	
Denmark.....	1956	920	<sup>20</sup> 1,385	420	a <sup>21</sup> 126 a	<sup>21</sup> 22 1,670 a	<sup>21</sup> 22 373	19	<sup>14</sup> 1,421	<sup>15</sup> 44	
Dominican Rep.....	1956	12			d 5 d	54 d	24 a	62 d	<sup>14</sup> 100	<sup>15</sup> 7	
Ecuador.....	1956	17			d 24 d	167 d	56 d	54 f	<sup>14</sup> 50		
Egypt.....	1956	180	2,481	185 d	50 d	515 d	25		<sup>14</sup> 850		
El Salvador.....	1956	10 c	2,595	b	10 b	70 b	33	b	<sup>14</sup> 21	<sup>15</sup> 1	
Ethiopia.....	1956	<sup>23</sup> 7			<sup>23</sup> 5	<sup>23</sup> 10		c	<sup>14</sup> 23 14		
Finland.....	1956	406	718	240	101	1,800	420	27	<sup>14</sup> 1,078	<sup>15</sup> 2.5	
France.....	1956	3,313	<sup>24</sup> 12,387	4,896 a	137 a	10,692 a	240	<sup>26</sup> 45	<sup>14</sup> 10,158	<sup>15</sup> 442	
Germany, Western.....	1956	4,323	<sup>26</sup> 18,614	6,172	<sup>27</sup> 481	<sup>28</sup> 14,700	273	294	<sup>29</sup> 14,051	<sup>30</sup> 703.5	
Greece.....	1956	137	5,149	166 d	68 d	550 d	71	18 a	<sup>14</sup> 490		
Guatemala.....	1956	a 11			c <sup>30</sup> 9 c	<sup>30</sup> 83 c	<sup>30</sup> 27	b	<sup>14</sup> 36	<sup>15</sup> 8.5	
Haiti.....	1956	4 e	217		a 12 a	12 a	4 d	17 b	<sup>14</sup> 14		
Honduras.....	1956	5 e	2,401		a 5 a	30 a	18	b	<sup>14</sup> 26		
Hungary.....	1956	a 183 a	5,745 a	<sup>31</sup> 469	25	1,200	121		<sup>14</sup> 1,587	<sup>15</sup> 0.6	
Iceland.....	1956	28	333	8 c	5 c	59 c	390 a	4	<sup>14</sup> 44		
Ireland.....	1956	265	29,963 a	<sup>17</sup> 2,866 c	330 c	2,530 c	7	29	<sup>14</sup> 1,076		
India.....	1956	79	2,842	191 d	101 d	552 d	7	25 b	<sup>14</sup> 326		
Indonesia.....	1956	64 f	4,825	125 d	20 d	120 d	6	f	<sup>14</sup> 184		
Iran.....	1956	42 c	365 f	17 d	54 d	108 d	21	b	<sup>14</sup> 66	<sup>15</sup> 0.6	
Iraq.....	1956	125	1,002 a	253 a	9 a	783 a	266	3	<sup>14</sup> 461 a	<sup>15</sup> 4	
Ireland, Rep. of.....	1956	72	390	72	24	361	199	8	<sup>14</sup> 327		
Israel.....	1956	2,444	36,604	3,639 d	107 d	5,000 d	107	274	<sup>14</sup> 6,306	<sup>15</sup> 367	
Italy.....	1956	3,487	83,990	<sup>32</sup> 4,760 a	255 a	35,273 a	397	186 a	<sup>14</sup> 13,254	<sup>15</sup> 328	
Japan.....	1956	ae 60			43 ae	1,198 ae	55 d	13 f	<sup>14</sup> 134		
Korea, South.....	1957	38	121	15 d	40 d	100 d	77	d	<sup>14</sup> 45		
Lebanon.....	1956				1 d	1.2 d	1		<sup>14</sup> 2.5		
Liberia.....	1954										
Libya.....	1956	8		c 1 d	5 d	8.5 d	6	a	<sup>14</sup> 17.5 a	<sup>15</sup> 0.3	
Luxembourg.....	1956	96	185	32	5	142	455	3	<sup>14</sup> 84	<sup>15</sup> 1	
Mexico.....	1956	383	20,595	579 d	162 d	1,300 d	48 c	227 a	<sup>14</sup> 2,500	<sup>15</sup> 250	
Netherlands.....	1956	1,220	2,593 a	1,031	65	2,874	264	8	<sup>14</sup> 2,878	<sup>15</sup> 99	
New Zealand.....	1956	568	7,612 a	405	42	850	390	32	<sup>14</sup> 519		
Nicaragua.....	1956	0			11 d	56 d	51	b	<sup>14</sup> 30		
Nigeria.....	1956	<sup>33</sup> 25		<sup>33</sup> 103	13	136	4	4 b	<sup>14</sup> 370		
Norway.....	1956	615	<sup>34</sup> 4,160	310	84	1,296	374	31	<sup>14</sup> 968	<sup>15</sup> 0.3	
Pakistan.....	1956	52	3,762	417 b	79 b	716 b	9 a	8 a	<sup>14</sup> 109		

See footnotes at end of table.

## No. 1193.—COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS, RADIO, AND TELEVISION—Continued

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: æ represents 1956; a, 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949; h, 1948; i, 1947; j, 1946]

COUNTRY	Year	Tele- phones in use <sup>1</sup>	Tele- grams sent, do- mestic <sup>2</sup>	Letters sent, do- mestic <sup>3</sup>	NEWSPAPERS			RADIO		Tele- vision receiving sets <sup>9</sup>
					Dailies <sup>4</sup>	Circulation		Trans- mitting sta- tions <sup>7</sup>	Receiv- ing sets <sup>8</sup>	
						Total <sup>5</sup>	Copies per 1,000 popu- lation <sup>6</sup>			
		1,000	1,000	1,000,000	Num- ber	1,000		Num- ber	1,000	1,000
Panama.....	1956	22			d 35 11	d 32 99	d 35 111	a 59	c 14 95	14 2
Paraguay.....	1956	c 6	218	4	d 3	d 17	d 12	c 15	14 80	
Peru.....	1956	69	b 28 4		d 60	d 350	d 40	a 76	14 500	
Philippines.....	1956	62			b 22	b 409	b 19		b 217	14 10
Poland.....	1956	378	j 385	h 137	4	4, 161	150		3, 624	14 5
Portugal.....	1956	250	2, 219	315	b 28	b 530	b 61	37 33	534	14 0.3
Rumania.....	1957			ae 19 900	32	2, 619	149		a 1, 104	ae 14 0.5
Saudi Arabia.....	1956	14			d 1	d 10	d 2	f	14 10	
Spain.....	1956	1, 183	20, 146	1, 389	101	2, 000	68	165	1, 839	14 3
Sweden.....	1956	2, 313	39 4, 241	1, 067	139	3, 376	462	35	2, 545	13
Switzerland.....	1956	1, 294	842	1, 129	120	1, 486	296	23	1, 208	20
Syria.....	1956	37	399		d 33	d 150	d 44	2 f	50	
Thailand.....	1956	12			d 30	d 75	d 4	17 b	108	14 7
Tunisia.....	1956	34	165		5	40 85	22 c	1	103	
Turkey.....	1956	149	9, 944	163	d 116	d 693	d 32	5	1, 047	14 0.1
Union of S. Africa.....	1956	666	12, 329	722	d 19	d 730	d 57	11	779	
U. S. S. R.....	1956		41 206, 000	42 3, 896	43 385	43 21, 475	43 107		14 29, 571	14 1, 324
United Kingdom.....	1956	7, 167	16, 844	a 9, 227	b 114	b 29, 100	b 573	60	14 44, 434	6, 570
Uruguay.....	1957	123	a 1, 651		12	536	200	79 e	14 362	ae 14 1
Venezuela.....	1956	112	d 4, 105	c 72	b 28	b 400	b 71	d	14 218	14 100
Viet-Nam.....	1956	46 12	497	45 26	45 24	45 266		d e	21	
Yugoslavia.....	1956	175	4, 195	533	18	858	48 b	17	711	14 4

<sup>1</sup> Comprises public and private telephones (including extension instruments) connected to a central exchange. Total number of telephones in use in the world in 1956 estimated to be 109,800,000.

<sup>2</sup> Comprises generally all types of telegrams including cablegrams and radiograms, but excludes messages in transit.

<sup>3</sup> Letters mailed for distribution within national territories. Comprises letters (airmail, ordinary mail and registered), postcards, printed matter, business papers, small merchandise samples, small packets, phonopost packets, and mail carried without charge, but excludes ordinary packages, and letters and packages with a declared value.

<sup>4</sup> Publications containing general news and appearing at least four times a week; may range in size from a single sheet to 50 or more pages. <sup>5</sup> Comprises copies sold both inside and outside the country.

<sup>6</sup> No adjustment made for copies sold outside the country.

<sup>7</sup> Comprises stations broadcasting to the public; excludes television and service stations (e. g., aeronautical and naval stations). Data are believed to represent the number of stations but in some instances may refer to number of transmitters or of frequencies (wave lengths).

<sup>8</sup> Comprises for most countries number of licenses issued for receiving sets; figures which are estimates of number of sets in use are footnoted. In general, figures should be used with considerable caution as number of licenses falls, in varying degree from country to country, to represent full number in use. Data apply to all types of receivers for radio broadcasts to the public, including loud speakers connected to a "radio redistribution system" but excluding television sets. Total number of sets in use in the world in 1956 estimated to be 315,000,000.

<sup>9</sup> Figures which are estimates of number of sets in use are footnoted; all others relate to number of licenses issued for receiving sets.

<sup>10</sup> Includes messages to Canada, Mexico, St. Pierre, and Miquelon.

<sup>11</sup> Domestic and foreign, including ordinary packages, and letters and packages with a declared value.

<sup>12</sup> Includes Alaska, Guam, Hawaii, and Puerto Rico.

<sup>13</sup> Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Data relate to commercial stations actually on the air.

<sup>14</sup> Estimated number of receivers in use. <sup>15</sup> Refers to 223 dailies only.

<sup>16</sup> All telegrams sent and received by land are counted as domestic.

<sup>17</sup> Includes foreign letters sent and received. <sup>18</sup> May exclude some dailies with circulations below 15,000.

<sup>19</sup> Taiwan only. <sup>20</sup> Includes Faeroe Islands and Greenland. <sup>21</sup> Includes Faeroe Islands.

<sup>22</sup> Refers to 118 dailies only. <sup>23</sup> Ethiopia and Eritrea.

<sup>24</sup> Includes Algeria, Guadeloupe, Martinique, French Guiana, and Réunion. <sup>25</sup> Includes Algeria.

<sup>26</sup> Includes telegrams sent to or received from Eastern Germany and Berlin. <sup>27</sup> Excludes 674 regional subsidiary editions. <sup>28</sup> Includes the circulation of regional editions. <sup>29</sup> Excludes West Berlin.

<sup>30</sup> Excludes 1 English language daily. <sup>31</sup> Letters carried. <sup>32</sup> Letters only. <sup>33</sup> Includes Cameroons [Br.].

<sup>34</sup> Revenue telegrams only. <sup>35</sup> Includes Canal Zone. <sup>36</sup> Includes all telegrams dispatched.

<sup>37</sup> Includes the Azores and Madeira.

<sup>38</sup> Domestic and foreign sent. All letters, printed matter, and parcel post sent.

<sup>39</sup> Revenue telegrams, excludes those transmitted exclusively over railway telegraph lines.

<sup>40</sup> Excludes 5 specialized dailies with an aggregate circulation of 22,000 copies.

<sup>41</sup> Includes foreign telegrams sent. <sup>42</sup> All letters sent.

<sup>43</sup> Dailies of general interest only. Excludes 36 specialized dailies with an aggregate circulation of 5,642,000 copies, as well as, 2,137 newspapers with a total circulation of 6,757,000 copies, which are issued by factory groups, collective farms, schools and scientific institutions.

<sup>44</sup> Includes 6,570,000 combined sound-television licenses. <sup>45</sup> Southern Viet-Nam only.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1194.—EDUCATION AND HEALTH

[Education: Figures usually refer to both official (public) and independent (private) schools, to school year beginning in year stated, and generally exclude adult education, apprenticeship courses and correspondence schools; intercountry comparisons are subject to caution owing to variations in definitions employed and in scope of data; usually excludes (unless otherwise stated) nursery schools, kindergarten and other preschool education. Health: Data do not allow of a close comparison between countries which present a similar standard, whether high or low, in respect of strength and character of their medical facilities. However, they may be used to judge approximate difference in standard between advanced and less developed countries. See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a, represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949.]

COUNTRY	Year	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teachers	Students enrolled	Schools	Teachers	Students enrolled	Physicians	Per capita <sup>3</sup>	Dentists
United States.....	1956	e 134,426	b 1,000 691	b 26,100	e 27,068	b 4,389	b 7,385	a 207,924	a 790	89,000
Afghanistan.....	1957	b 6,553	b 53	b 106	b 25	b (?)	b 4	a 190	-----	35
Albania.....	1954	2,473	6	177	7		2			
Argentina.....	1955	b 16,189	b 110	b 2,565	b 459	b 16	b 103	a 25,000	a 760	a 9,650
Australia.....	1956	b 8,468	b 39	b 1,258	b 1,328	b 15	b 349	10,100	930	3,649
Austria.....	1956	5,236	10 26	729	187	4	80	11,454	610	3,838
Belgium.....	1956	b 9,024	b 36	b 898	b 808		b 149	11 9,937	11 900	11 1,182
Bolivia.....	1954	f 2,199	f 7	234	138	2	27	795	4,000	289
Brazil.....	1955	72,584	147	4,641	2,589	39	574	b 23,195	b 2,500	b 15,532
Bulgaria.....	1955	b 12,677	b 13 34	1,090	b (12)	g 5	(12)	e 1,800	e 4,000	e 600
Burma.....	1954	10,375	a 27	1,208	1,046	a 6	285	d 9 2,432	d 8,400	
Canada.....	1954	b 16 30,891	b 16 110	2,499	(15)	(15)	534	16,031	950	5,298
Ceylon.....	1956	b 12 6,706	b 12 48	b 121,613	b (12)	b (12)	b (12)	1,672	5,100	131
Chile.....	1954	6,988		928	389		106	3,450	1,900	d 1,592
China (Taiwan).....	1956	a 1,399	a 27	a 1,238	a 145	a 6	a 146	4,049	2,300	a 724
Colombia.....	1957	a 16,134	a 32	a 1,236	a 649	a 7	a 77	4,500	2,900	1,600
Costa Rica.....	1955	b 1,293	b 8	149	16 39		18 15	319	c 2,800	c 91
Cuba.....	1957	c 7,560	c 18	670	c 129	c 2	c 30	6,421	1,000	2,100
Czechoslovakia.....	1956	b 12 12,306	b 12 68	1,867	b (12)	b (12)	77	19,347	980	2,543
Denmark.....	1955	c 3,563	c 14	499	b 466	b 8	b 119	4,907	613	1,971
Dominican Republic.....	1956	4,185	d 4	445	66	d (?)	10	b 17 472	b 16,200	b 17 138
Ecuador.....	1957	c 3,901	c 9	397	c 106	c 2	c 23	1,325	2,900	351
Egypt.....	1954	6,423	45	1,481	1,285	22	462	6,420	3,500	617
El Salvador.....	1955	2,034	b 6	197	132		b 11	396	5,500	129
Ethiopia.....	1953	12 505	d 12 3	12 67	d (12)	d (12)	d (12)	91	-----	14
Finland.....	1955	6,520	18 21	592	373	18 7	134	2,381	1,800	1,557
France.....	1956	b 81,170	e 200	b 4,921	b 2,656	e 39	b 1,001	20 44,315	20 980	20 13,555
Germany, Western.....	1956	21 30,046	12 21 183	21 4,955	21 2,421	(12)	1,209	a 23 57,602	a 22 740	a 22 29,180
Greece.....	1955	9,368	b 21	944	b 425	b 5	b 196	8,626	920	2,860
Guatemala.....	1957	a 3,575	a 8	219	a 16 71	a 16 2	a 10 11	542	6,300	130
Haiti.....	1955	1,426	4	218	53	1	12	e 300	e 11,000	e 95
Honduras.....	1957	b 2,282	b 4	125	b 19	b (?)	b 1	365	4,800	63
Hungary.....	1956	6,273	52	1,255	6 16 456	b 16 8	b 16 28	a 14,153	a 690	-----
Iceland.....	1955	24 135	b 12 1	17	b 64	b (12)	b 6	201	790	44
India.....	1954	239	c 623	c 20,813	c 26	c 269	c 6,410	70,152	5,500	c 25 3,701
Indonesia.....	1954	30,841	114	7,034	1,640	14	257	1,146	71,000	256
Iran.....	1954	6,273	30	778	632	7	123	d 2,302	d 8,800	d 475
Iraq.....	1955	1,825	5 11	353	203	3	57	b 833	b 5,900	b 107
Ireland, Republic of.....	1954	26 4,872	26 13	26 496	458	d 4	62	e 2,921	e 1,000	e 534
Israel.....	1956	a 1,102	a 12	279	a 148	a 2	a 20	4,048	450	27 925
Italy.....	1954	41,943	179	4,656	3,348	57	651	e 57,610	e 820	e 9,270
Japan.....	1956	26,988	352	12,956	19,211	e 201	e 28 8,063	a 94,563	a 940	a 31,109
Korea, South.....	1955	4,127	b 40	b 2,708	b 1,072	b 12	b 520	5,435	4,000	806
Lebanon.....	1955	1,801	b 7	155	b 92	b 18 2	b 26	1,204	1,200	420
Liberia.....	1956	a 468	d 1	43	a 17	d (?)	a 1	62	20,000	10
Luxembourg.....	1955	b 26 1,085	b 1	29	b 15	e (?)	b 4	30 269	30 1,100	116
Mexico.....	1955	b 27,319	b 87	b 3,340	c 573	c 13	c 88	a 13,598	a 2,200	a 1,867
Netherlands.....	1955	7,695	42	1,491	31 1,451	b 18 31 14	31 277	10,993	1,000	2,259
New Zealand.....	1956	b 2,403	b 11	b 355	b 297	b 4	b 80	3,107	700	767
Nicaragua.....	1955	c 13 14 2,066	c 13 14 4	c 13 14 116	c 39	c (?)	c 4	477	2,600	95
Norway.....	1956	b 4,673	b 4 15	b 4 226	b 4 291	b 4 18	b 4 82	a 4,484	a 850	a 2,100
Pakistan.....	1954	42,474	f 89	3,970	5,163	f 44	1,123	a 9,497	a 15,000	-----
Panama.....	1957	b 1,081	b 4	b 133	b 24	b 1	b 14	286	3,400	80
Paraguay.....	1955	c 1,694	c 8	c 238	c 19	c 1	c 11	9770	2,000	264
Peru.....	1956	b 11,743	b 28	b 1,039	b 325	b 6	b 87	3,286	2,900	969
Philippines.....	1956	b 20,102	b 83	b 3,443	b 1,531	b 33	b 556	24 2,470	-----	24 305
Poland.....	1955	b 23,103	b 100	b 3,203	b 792	b 10	b 195	18,373	1,500	6,876

See footnotes at end of table.

## No. 1194.—EDUCATION AND HEALTH—Continued

[See text, p. 924, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1955; b, 1954; c, 1953; d, 1952; e, 1951; f, 1950; g, 1949]

COUNTRY	Year	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teach-ers	Stu-dents enrolled	Schools	Teach-ers	Stu-dents enrolled	Physicians		Dent-ists
								Number	Per capita <sup>3</sup>	
Portugal.....	1955	b 15,725	e 4 17	b 813	b 365	1,000	b 63	6,470	1,400	-----
Rumania.....	1955	<sup>12</sup> 23 15,898	<sup>12</sup> 23 84	<sup>23</sup> 1,603	(12)	(12)	<sup>23</sup> 129	21,141	820	-----
Spain.....	1955	b 69,819	b 8 102	b 3,371	b 1,130	c 17	b 293	31,618	920	2,513
Sweden.....	1955	b 38,654	b 4 18 43	b 3,848	b 390	b 18 8	b 167	5,731	1,300	4,360
Switzerland.....	1956	c 4,011	c 4 15 19	c 4 511	c 4 837	c 4 18 5	c 4 99	7,233	700	2,047
Syria.....	1955	b 2,755	b 10	b 346	b 250	b 18 3	b 61	1,012	3,800	186
Thailand.....	1954	20,328	83	2,938	1,099	11	252	2,943	6,800	886
Turkey.....	1955	d 17,768	d 38	d 1,692	d 573	d 7	d 111	<sup>37</sup> 7,077	<sup>37</sup> 8,400	<sup>37</sup> 958
Union of South Africa.....	1954	c 38 9,133	c 15 38 55	c 38 1,473	c 38 717	c (15)	c 38 216	6,723	2,000	9 1,110
United Kingdom <sup>34</sup> .....	1955	b 24,373	b 154	b 4,680	b 5,947	b 6 109	b 5 2,184	<sup>34</sup> 21,461	-----	<sup>34</sup> 9,788
Uruguay.....	1957	c 26 1,827	c 28 8	c 26 273	b 116	b 16 2	b 47	3,116	860	1,650
Venezuela.....	1957	c 8 7,014	c 8 17	b 610	b 200	b 3	b 23	3,689	1,700	632
Yugoslavia.....	1955	b 14,159	b 38	b 1,456	b 2,191	b 19 25	b 549	8,964	2,000	1,323

<sup>1</sup> Schools providing basic training and education to children within compulsory or customary ages of full-time education; length of this education may vary from 4 to 9 years from country to country.

<sup>2</sup> Middle schools, secondary schools, high schools, providing general instruction more advanced than that given at primary level. <sup>3</sup> Inhabitants per physician.

<sup>4</sup> Public schools only.

<sup>5</sup> Includes preschool education.

<sup>6</sup> Includes technical education. <sup>7</sup> Less than 500.

<sup>8</sup> Excludes those described as not fully qualified, interns, aids, assistants, volunteers, and similar non-qualified personnel.

<sup>9</sup> Registered personnel only.

<sup>10</sup> Excludes teachers of religion, needlework, etc.

<sup>11</sup> Stomatologists and physicians, practicing as dentists, included with physicians and not with dentists.

<sup>12</sup> Secondary schools included with primary schools.

<sup>13</sup> Includes kindergartens.

<sup>14</sup> Includes evening schools.

<sup>15</sup> Secondary and technical schools included with primary schools; Union of South Africa includes teachers in special schools.

<sup>16</sup> Includes teacher-training.

<sup>17</sup> Active personnel only.

<sup>18</sup> Excludes part-time teachers.

<sup>19</sup> Includes part-time teachers.

<sup>20</sup> Stomatologists included with physicians.

<sup>21</sup> Excludes the Saar and West Berlin.

<sup>22</sup> Excludes the Saar.

<sup>23</sup> Includes students enrolled in part-time and correspondence courses.

<sup>24</sup> Excludes itinerant schools. <sup>25</sup> Excludes Andra.

<sup>26</sup> Includes preschool and special education.

<sup>27</sup> Excludes dental practitioners, 404.

<sup>28</sup> Excludes part-time students.

<sup>29</sup> Number of classes.

<sup>30</sup> Excludes qualified physicians required to do a probationary period in the hospital.

<sup>31</sup> Excludes seminaries.

<sup>32</sup> Includes enrollment in a few private schools.

<sup>33</sup> Includes technical and teacher-training.

<sup>34</sup> Government services only.

<sup>35</sup> Excludes continuation schools.

<sup>36</sup> Includes enrollment in special classes, continuation schools, and secondary classes attached to primary schools.

<sup>37</sup> Includes military personnel.

<sup>38</sup> Public and aided schools only.

<sup>39</sup> England and Wales only.

Source: Statistical Office of the United Nations; Statistical Yearbook.

### No. 1195.—QUOTAS IN THE INTERNATIONAL MONETARY FUND, AND SUBSCRIPTIONS IN THE INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, BY MEMBERS: 1958

[In millions of U. S. dollars. As of March 7]

MEMBER	Fund quota	Bank sub-scrip-tion	MEMBER	Fund quota	Bank sub-scrip-tion	MEMBER	Fund quota	Bank sub-scrip-tion
Total.....	9,041.0	9,358.4	Finland.....	38.0	38.0	Mexico.....	90.0	65.0
Afghanistan.....	10.0	10.0	France.....	525.0	525.0	Netherlands.....	275.0	275.0
Argentina.....	150.0	150.0	Germany (Fed-eral Republic).....	330.0	330.0	Nicaragua.....	7.5	3.0
Australia.....	200.0	200.0	Ghana.....	15.0	15.0	Norway.....	50.0	50.0
Austria.....	50.0	50.0	Greece.....	40.0	25.0	Pakistan.....	100.0	100.0
Belgium.....	225.0	225.0	Guatemala.....	5.0	2.0	Panama.....	5.0	2.0
Bolivia.....	10.0	7.0	Haiti.....	7.5	2.0	Paraguay.....	7.5	1.4
Brazil.....	150.0	150.0	Honduras.....	7.5	1.0	Peru.....	25.0	17.5
Burma.....	15.0	15.0	Iceland.....	1.0	1.0	Philippine Rep.....	15.0	15.0
Canada.....	300.0	325.0	India.....	400.0	400.0	Saudi Arabia.....	10.0	10.0
Ceylon.....	15.0	15.0	Indonesia.....	110.0	110.0	Sudan.....	10.0	10.0
Chile.....	50.0	35.0	Iran.....	35.0	33.6	Sweden.....	100.0	100.0
China.....	550.0	600.0	Iraq.....	8.0	6.0	Syria.....	6.5	6.5
Colombia.....	50.0	35.0	Ireland.....	30.0	30.0	Thailand.....	12.5	12.5
Costa Rica.....	5.0	2.0	Israel.....	7.5	7.5	Turkey.....	43.0	43.0
Cuba.....	50.0	35.0	Italy.....	180.0	180.0	Union of South Africa.....	100.0	100.0
Denmark.....	68.0	68.0	Japan.....	250.0	250.0	United Kingdom.....	1,300.0	1,300.0
Dominican Rep.....	10.0	4.0	Jordan.....	3.0	3.0	United States.....	2,750.0	3,175.0
Ecuador.....	10.0	6.4	Korea.....	12.5	12.5	Uruguay.....	15.0	10.5
Egypt.....	60.0	53.3	Lebanon.....	4.5	4.5	Venezuela.....	15.0	10.5
El Salvador.....	7.5	1.0	Luxembourg.....	10.0	10.0	Viet-Nam.....	12.5	12.5
Ethiopia.....	6.0	3.0	Malaya.....	25.0	25.0	Yugoslavia.....	60.0	40.0

Source: International Bank for Reconstruction and Development and International Monetary Fund.

## U. N. MEMBER ASSESSMENTS

947

## No. 1196.—UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER ASSESSMENTS: 1958

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICUL- TURE ORGANIZATION (FAO)		U. N. EDUCATIONAL, SCIENTIFIC AND CULT- URAL ORGANIZATION (UNESCO)		WORLD HEALTH OR- GANIZATION (WHO)	
	Percent	Amount	Percent <sup>1</sup>	Amount	Percent	Amount	Percent <sup>2</sup>	Amount
1958 budget.....		\$55,062,850		\$8,500,000		\$12,007,360		\$14,769,160
Total member as- sessments.....	100.00	\$51,500,000	100.00	\$8,322,500	100.00	\$11,743,728	100.00	\$14,411,160
Afghanistan.....	0.06	30,900	0.08	6,658	0.06	7,046	0.05	7,760
Albania.....	0.04	20,600					0.04	5,760
Argentina.....	1.14	587,100	1.54	128,167	1.10	129,181	1.23	177,570
Australia.....	1.61	829,150	2.17	180,508	1.55	182,028	1.69	225,620
Austria.....	0.35	180,250	0.47	39,116	0.34	39,929	0.28	41,090
Belgium.....	1.24	638,600	1.67	138,986	1.19	139,750	1.18	160,800
Bolivia.....	0.05	25,750	0.07	5,826	0.05	5,872	0.05	6,060
Brazil.....	1.06	545,900	1.43	119,012	1.02	119,786	1.10	170,910
Bulgaria.....	0.14	72,100			0.13	15,267	0.13	18,870
Burma.....	0.10	51,600	0.14	11,651	0.09	10,509	0.08	12,210
Byelorussian S. S. R.....	0.47	242,050			0.45	52,947	0.38	55,490
Cambodia.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Canada.....	3.09	1,601,350	4.17	347,048	2.93	344,091	2.95	425,060
Ceylon.....	0.11	56,650	0.15	12,484	0.10	11,744	0.08	12,210
Chile.....	0.29	149,350	0.39	32,458	0.28	32,882	0.31	44,390
China.....	5.01	2,580,150			4.83	567,222	4.92	709,160
Colombia.....	0.36	185,400	0.49	40,780	0.35	41,103		
Costa Rica.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Cuba.....	0.26	133,900	0.35	29,129	0.25	29,350	0.25	35,620
Czechoslovakia.....	0.82	422,800			0.70	92,776	0.79	113,200
Denmark.....	0.04	329,600	0.86	71,573	0.62	72,811	0.63	91,000
Dominican Republic.....	0.05	25,750	0.07	5,826	0.05	5,872	0.04	5,760
Ecuador.....	0.05	25,750	0.07	5,826	0.05	5,872	0.04	5,760
Egypt.....	0.35	180,250	0.47	39,116	0.34	39,929	0.43	62,150
El Salvador.....	0.05	30,900	0.08	6,658	0.06	7,046	0.05	7,760
Ethiopia.....	0.11	56,650	0.15	12,484	0.10	11,744	0.10	14,430
Finland.....	0.36	185,400	0.49	40,780	0.35	41,103	0.29	42,170
France.....	5.56	2,863,400	7.51	625,020	5.35	628,290	5.28	760,220
German Fed. Repub- lic.....			5.60	466,060	3.94	462,708	3.63	522,730
Ghana.....	0.07	36,050	0.09	7,490			0.04	5,760
Greece.....	0.19	97,850	0.26	21,638	0.19	22,313	0.18	25,520
Guatemala.....	0.07	36,050	0.09	7,490	0.07	8,221	0.06	8,880
Haiti.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Honduras.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Hungary.....	0.39	200,850			0.43	50,498	0.35	52,160
Iceland.....	0.04	20,600	0.04	3,329			0.04	5,760
India.....	2.90	1,493,500	3.91	325,410	2.79	327,650	2.80	402,860
Indonesia.....	0.50	257,500	0.67	55,761	0.48	56,370	0.43	62,150
Iran.....	0.25	133,900	0.35	29,129	0.25	29,359	0.28	39,950
Iraq.....	0.12	61,800	0.16	13,316	0.11	12,918	0.12	16,650
Ireland.....	0.18	92,700	0.24	19,974			0.21	29,970
Israel.....	0.16	82,400	0.22	18,309	0.15	17,616	0.14	19,980
Italy.....	2.03	1,045,450	2.74	228,037	1.95	229,003	1.91	275,230
Japan.....	1.92	988,800	2.59	215,553	1.84	216,085	1.76	253,040
Jordan.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Korea.....			0.18	14,980	0.12	14,093	0.04	5,760
Laos.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Lebanon.....	0.05	25,750	0.07	5,826	0.05	5,872	0.04	5,760
Liberia.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Libya.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Luxembourg.....	0.06	30,900	0.08	6,658	0.06	7,046	0.05	7,760
Malaya.....	0.22	118,300	0.30	24,967				
Mexico.....	0.68	350,200	0.92	76,567	0.66	77,509	0.63	91,000
Monaco.....					0.04	4,697	0.04	5,760
Morocco.....	0.12	61,800	0.16	13,316	0.11	12,918	0.12	17,760
Nepal.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760

See footnotes at end of table.

## No. 1196.—UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER ASSESSMENTS: 1958—Continued

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICULTURE ORGANIZATION (FAO)		U. N. EDUCATIONAL SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)		WORLD HEALTH ORGANIZATION (WHO)	
	Percent	Amount	Percent <sup>1</sup>	Amount	Percent	Amount	Percent <sup>2</sup>	Amount
Netherlands.....	1.12	576,800	1.51	125,670	1.08	126,832	1.11	159,820
New Zealand.....	0.42	216,300	0.57	47,438	0.40	46,975	0.42	58,820
Nicaragua.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Nigeria.....							0.02	3,330
Norway.....	0.48	247,200	0.65	54,096	0.46	54,021	0.45	64,370
Pakistan.....	0.54	278,100	0.73	60,754	0.52	61,067	0.54	77,690
Panama.....	0.05	25,750	0.07	5,826	0.05	5,872	0.04	5,760
Paraguay.....	0.04	20,600	0.04	3,329	0.04	4,697	0.04	5,760
Peru.....	0.15	77,250	0.20	16,645	0.14	16,441	0.15	21,090
Philippines.....	0.40	206,000	0.54	44,941	0.38	44,626	0.35	51,050
Poland.....	1.52	782,800	2.05	170,611	1.46	171,459	1.29	186,450
Portugal.....	0.24	123,600	0.32	26,632			0.26	37,730
Rumania.....	0.49	252,350			0.47	55,196	0.43	62,150
Saudi Arabia.....	0.07	36,050	0.09	7,490	0.07	8,221	0.06	8,880
Sierra Leone.....							0.02	3,330
Southern Rhodesia.....							0.02	3,330
Spain.....	1.11	571,650	1.50	124,858	1.07	125,658	1.04	149,820
Sudan.....	0.11	56,650	0.15	12,484	0.10	11,744	0.10	14,430
Sweden.....	1.43	736,450	1.93	160,624	1.37	160,889	1.43	206,750
Switzerland.....			1.32	109,857	0.95	111,566	0.95	137,620
Syria.....	0.08	41,200	0.11	9,155	0.07	8,221	0.08	11,100
Thailand.....	0.16	82,400	0.22	18,309	0.15	17,616	0.17	24,410
Tunisia.....	0.05	25,750	0.07	5,826	0.05	5,872	0.04	5,760
Turkey.....	0.61	314,150	0.82	68,245	0.59	69,288	0.63	91,000
Ukrainian S. S. R.....	1.80	927,000			1.74	204,341	1.46	210,850
Union of South Africa.....	0.87	345,050	0.90	74,903			0.74	106,540
U. S. S. R.....	13.62	7,014,300			13.11	1,539,603	11.06	1,593,700
United Kingdom.....	7.62	3,924,300	10.29	856,385	7.33	860,815	8.05	1,159,750
United States.....	32.61	16,742,650	32.51	2,705,645	31.30	3,675,787	32.38	4,666,480
Uruguay.....	0.16	82,400	0.22	18,309	0.15	17,616	0.15	21,090
Venezuela.....	0.42	216,300	0.57	47,438	0.40	46,975	0.36	52,160
Viet-Nam.....			0.22	18,309	0.14	16,441	0.15	21,090
Yemen.....	0.04	20,600	0.04	3,329			0.04	5,760
Yugoslavia.....	0.35	180,250	0.47	39,116	0.34	39,929	0.33	47,730

<sup>1</sup> Calculated from official percentage scale of assessments.<sup>2</sup> Computed scale as applied to actual assessments.<sup>3</sup> Budget less \$5,921,850, estimated miscellaneous income and other credits, plus \$2,359,000, 1957 supplemental. Excludes UN Emergency Force assessments.<sup>4</sup> Budget less an estimated miscellaneous income of \$177,500.<sup>5</sup> Budget less \$263,632 estimated miscellaneous income.<sup>6</sup> Budget less: Prior years surplus \$28,820, miscellaneous income \$280,065, and \$49,115 in adjustments.<sup>7</sup> Inactive members. Scale of assessments includes the inactive members, even though they have announced they no longer consider themselves members.<sup>8</sup> Less Working Capital Fund credit of \$180,400, making United States net contribution \$16,562,250.<sup>9</sup> Gross assessment, less credits of \$274,685 or net assessment of \$3,401,102.

Source: Department of State, Bureau of International Organization Affairs.

## No. 1197.—UNITED STATES CONTRIBUTIONS TO INTERNATIONAL ORGANIZATIONS: 1957

[For year ending June 30. In some cases differences exist between U. S. assessment and contribution paid because of statutory limitations on the amount authorized to be appropriated annually. Excludes International Bank for Reconstruction and Development, International Monetary Fund, and International Finance Corporation, which are financed by capital subscriptions from member governments and income from operations]

ORGANIZATION	Amount	Percent of total assessments	ORGANIZATION	Amount	Percent of total assessments
<b>Total contributions.....</b>	<b>\$112,883,982</b>	<b>-----</b>	Other international organiza-		
<b>Total, assessed budgets.....</b>	<b>40,519,665</b>	<b>34.68</b>	tions—Continued.....		
United Nations and specialized			International—Continued.....		
agencies.....	28,121,571	31.34	Bureau for the Publication		
United Nations <sup>1</sup> .....	16,774,989	33.33	of Customs Tariffs.....	\$2,233	4.28
Food and Agriculture Organi-			Bureau of Weights and		
zation <sup>2</sup> .....	1,994,863	31.50	Measures.....	14,990	12.67
International Civil Aviation			Commission of the Cape		
Organization <sup>3</sup> .....	929,705	33.33	Spartel Light.....	1,825	8.33
International Labor Organi-			Commission for the North-		
zation.....	1,638,860	25.00	west Atlantic Fisheries.....	4,284	10.06
International Telecommunica-			Cotton Advisory Commit-		
tion Union.....	142,968	8.96	tee.....	8,000	10.22
U. N. Educational, Scientific,			Council of Scientific Unions		
and Cultural Organization.....	3,152,574	30.00	and Associated Unions.....	9,000	10.20
Universal Postal Union.....	17,822	4.34	Hydrographic Bureau.....	9,997	10.00
World Health Organization.....	3,410,040	31.64	North Pacific Fisheries		
World Meteorological Organi-			Comm.....	12,837	33.33
zation.....	59,660	15.48	Rubber Study Group.....	3,885	10.06
United Nations Emergency			Seed Testing Association.....	294	6.80
Force.....	6,503,850	47.17	Sugar Council.....	14,819	12.25
Inter-American organizations.....	4,648,040	66.62	Tin Study Group.....	3,478	11.29
Organization of American			Union of Official Travel Or-		
States.....	2,594,083	66.00	ganization.....	1,893	4.69
Inter-American.....			Whaling Commission.....	420	5.88
Children's Institute.....	10,000	28.70	Wheat Council.....	24,616	21.81
Indian Institute.....	4,800	17.39	Interparliamentary Union.....	18,000	15.20
Institute of Agric. Sciences.....	210,472	69.68	Permanent Intern'l Associa-		
Radio Office <sup>4</sup> .....	34,092	25.51	tion of Navigation Con-		
Tropical Tuna Commission.....	352,722	99.70	gresses.....	1,500	16.67
Pan-American.....			Suez Canal Users Association.....	13,392	20.00
Institute of Geography and					
History.....	48,780	39.02	<b>Total, special programs fi-</b>		
Railway Congress Associa-			<b>nanced by voluntary con-</b>		
tion.....	5,000	39.91	<b>tributions.....</b>	<b>72,364,317</b>	<b>-----</b>
Sanitary Organization.....	1,380,000	66.00	Inter-American Inst. of Agric.		
Postal Union of the Americas			Sciences, building fund <sup>5</sup> .....	500,000	-----
and Spain.....	2,088	8.16	Intern'l Civil Aviation Organi-		
Other regional organizations.....	1,085,988	22.86	zation, joint support program.....	839,116	-----
Baghdad Pact <sup>6</sup> .....	70,457	16.66	Intergovernmental Comm. for		
Caribbean Commission.....	134,973	38.40	European Migration <sup>7</sup> .....	18,000,000	-----
North Atlantic Treaty Organi-			Organization of American States,		
zation, civilian headquar-			technical cooperation program.....	1,251,311	-----
ters <sup>8</sup> .....	780,000	24.20	Pan-Am. Sanitary Organization,		
North Atlantic Treaty Orga-			malaria eradication program.....	1,500,000	-----
niz. Parliamentary Con-			United Nations—		
ference.....	6,000	24.04	Children's Fund.....	10,000,000	-----
Southeast Asia Treaty Council.....	18,757	12.50	Expanded program of techni-		
South Pacific Commission.....	69,796	12.50	cal assistance <sup>9</sup> .....	15,276,890	-----
Other international organiza-			High Commissioner for Refu-		
tions.....	160,221	12.82	gees, special projects.....	225,000	-----
Central Comm. for the Naviga-			Refugee Fund <sup>10</sup> .....	1,900,000	-----
tion of the Rhine.....	12,858	14.29	Relief for Hungarian Refugees.....	5,000,000	-----
International.....			Relief and Works Agency for		
Bureau for the Permanent			Palestine Refugees in Near		
Court of Arbitration.....	1,241	4.79	East.....	19,872,000	-----
Bureau for the Protection of					
Industrial Property.....	1,700	5.20			

<sup>1</sup> Includes a working capital fund advance of \$666,600.

<sup>2</sup> Of amount shown, \$916,833 was applied to U. S. assessment for calendar year 1956 and \$1,078,030 toward assessment for calendar year 1957. Percentage shown applied to calendar year 1957.

<sup>3</sup> Of amount shown, \$455,547 was applied to U. S. assessment for calendar year 1956 and \$474,248 toward calendar year 1957 assessment. Percentage shown is for calendar year 1957.

<sup>4</sup> Percentage shown is estimated U. S. share of both assessed and voluntary contributions for period from inception of UNEF in Nov. 1956 until approximately Nov. 1958.

<sup>5</sup> Of amount shown, only \$5,682 was required for U. S. assessment for fiscal year 1957. The remaining \$28,410 represented delayed payment of assessments for fiscal years 1952 through 1956.

<sup>6</sup> The U. S. is not a member of the Baghdad Pact but contributes toward its international budget on a voluntary basis. The amount of the U. S. contribution is roughly equal to that of each of the 5 member states or approximately 16.66 percent.

<sup>7</sup> Of amount shown, \$65,631 was applied to U. S. assessment for calendar year 1956 and \$69,342 to assessment for calendar year 1957.

<sup>8</sup> The expenditures of the international military headquarters of NATO are not represented in this table. The amount shown is the United States cash contribution toward the expenses of the Council and its Secretariat for calendar year 1957. It does not include the cost of U. S. Government employees loaned to the NATO international staff, amounting to \$370,000 for fiscal year 1957.

<sup>9</sup> Estimated.

<sup>10</sup> Of amount shown, \$1,300,000 was contributed to calendar year 1956 program and \$600,000 to calendar year 1957 program.

Source: U. S. Congress, House Committee on Foreign Affairs; *United States Contributions to International Organizations*. 85th Congress, 2d Session, House Document No. 360.

# APPENDIX I

## HISTORICAL APPENDIX—INDEX TO TABLES IN WHICH HISTORICAL STATISTICS SERIES APPEAR

[Comprises statistical time series (identified by number) shown in the historical supplement entitled *Historical Statistics of the United States, 1789-1945*, and in *Continuation to 1958 of Historical Statistics of the United States, 1789-1945*. Historical series are listed only: (1) Where comparable data are available for a year or years later than 1945; (2) where data are included in a table in this *Abstract*. In a number of instances, the listing includes series which do not appear in *Historical Statistics* but do appear in the *Continuation to 1958 of Historical Statistics*. These series, identified by an alphabetical suffix after the series number (as C 27a), are new series (indexes computed on a new base, figures significantly revised to include new elements, etc.) which replace discontinued series appearing in *Historical Statistics*. For a complete listing of *Historical Statistics* series for which data are available for the years 1946 to 1952, see the *Continuation to 1958 of Historical Statistics*]

Historical Statistics series	1958 Abstract table number	Historical Statistics series	1958 Abstract table number	Historical Statistics series	1958 Abstract table number	Historical Statistics series	1958 Abstract table number
A 101-107.....	382	C 28-35.....	59	E 213.....	846	G 60-70.....	959
A 110-116.....	382	C 37.....	65	E 215.....	846	G 71-72.....	957
A 117-133.....	386	C 39-44.....	69	E 217-219.....	846	G 73-74.....	932
A 134-144.....	385	C 52.....	70	E 222-223.....	846	G 75-76.....	958
		C 56-61.....	74	E 225-230.....	846	G 77-80.....	932
B 1-3.....	4	C 65-76.....	70	E 231-243.....	866	G 81-82.....	962
B 5-10.....	4	C 77-78.....	56	E 244-255.....	554	G 83-86.....	961
B 13.....	4	C 92-117.....	88	E 258.....	553	G 87-92.....	932
B 14-17.....	16	C 122-127.....	99	E 261-266.....	553	G 93-95.....	963
B 18-21.....	26	C 128-144.....	98			G 102-103.....	932
B 23.....	26	C 145a.....	98	F 7.....	223	G 104-105.....	932
B 25.....	198	C 146-155.....	98	F 8.....	232	G 107.....	965
B 26-30.....	1			F 9.....	230	G 108-109.....	966
B 31.....	2	D 11-31.....	254	F 11-16.....	230	G 110-111.....	932
B 40-41.....	26	D 32-46.....	253	F 26-33.....	790	G 112-113.....	972
		D 117-119.....	282	F 56.....	778	G 114.....	974
B 44-47.....	26	D 145-147.....	284	F 69-73.....	899	G 116-117.....	976
B 48.....	9	D 152a-163a.....	288	F 74-83.....	904		
B 54.....	9	D 172-176.....	270			G 118-121.....	969
B 60.....	9	D 172a-175a.....	270	F 84-87.....	903	G 126.....	979
B 66.....	9	D 214-217.....	281	F 88-91.....	904	G 127-128.....	978
B 72-110.....	24	D 218-223.....	293	F 94-108.....	904	G 131-143.....	939
B 145-163.....	14, 15	D 224-229.....	295	F 109-111.....	907	G 144.....	939
B 171.....	50	D 230-233.....	296	F 120-122.....	907	G 146.....	939
B 173.....	80	D 234.....	295	F 123-131.....	916	G 156-158.....	939
		D 235-238.....	296	F 132-134.....	911	G 160a.....	669
B 182.....	30			F 137-142.....	906	G 162.....	669
B 183.....	36	E 1-16.....	789	F 145-150.....	897	G 163a-164a.....	669
B 185.....	36	E 19.....	805	F 151-154.....	898	G 165.....	669
B 187.....	36	E 20-24.....	806			G 166a-169a.....	669
B 189-192.....	36	E 31.....	805	F 155-159.....	923	G 170.....	669
B 193-194.....	30	E 37.....	805	F 160.....	920	G 171-190.....	671
B 237-239.....	30	E 43-52.....	805	F 166-191.....	921	G 194-199.....	680
B 244-247.....	35	E 54-59.....	805	F 193.....	922	G 200-224.....	671
B 250.....	35	E 61-68.....	270	F 195.....	922	G 225-233.....	679
		E 65a-68a.....	270	F 199.....	927		
B 251-253.....	26			F 201.....	924	H 1-23.....	981
B 258.....	35	E 76-87.....	815	F 203.....	924	H 25.....	981
B 265-267.....	26	E 88-93.....	811	F 205.....	924	H 26a.....	981
B 272.....	35	E 95a-97a.....	811	F 207.....	924	H 40a-46a.....	997
B 304-307.....	108	E 98-102.....	811	F 209.....	924	H 51-57.....	990
B 310-311.....	108	E 103a.....	811	F 212-213.....	925	H 64-65.....	987
B 315.....	108	E 104.....	811	F 215.....	925	H 73.....	987
B 317-326.....	108	E 105-110.....	824			H 89.....	10C4
B 328.....	108	E 117-134.....	875	G 1a-5a.....	930	H 90.....	9
B 331.....	111	E 136-151.....	881	G 6a-6f.....	934		
		E 152-158.....	884	G 13-18.....	940	H 91-97.....	1004
B 333-335.....	111			G 13a.....	940	H 98.....	19
B 337-339.....	120	E 160-162.....	884	G 19-24.....	940	H 99-105.....	1004
B 340-341.....	121	E 164-170.....	884	G 27-32.....	940	H 106.....	24
B 347-348.....	123	E 171-180.....	887	G 16a.....	940	H 107-112.....	1004
B 350-352.....	105	E 181-183.....	846	G 33-42.....	940	H 114.....	553
		E 186-188.....	846	G 43-56.....	943	H 120-126.....	1014
C 1.....	2	E 190-195.....	847	G 57-58.....	951	H 128-132.....	563
C 6-9.....	68	E 196-198.....	846	G 59-61.....	947		
C 24.....	56	E 200-202.....	846	G 63.....	948	J 1-2.....	1020
C 25-26.....	57	E 204-206.....	846	G 63a.....	948	J 4-5.....	1020
C 27a.....	59	E 208-211.....	846	G 65-68.....	955	J 7.....	1020
				G 67-68.....	960	J 10.....	1020



HISTORICAL APPENDIX—INDEX TO TABLES IN WHICH *HISTORICAL STATISTICS*  
SERIES APPEAR—Continued

Historical Statistics series	1958 Abstract table number	Historical Statistics series	1958 Abstract table number	Historical Statistics series	1958 Abstract table number	Historical Statistics series	1958 Abstract table number
J 30a.....	1022	K 146a.....	751	M 56-67.....	1144	P 32-37.....	445
J 31a-31c.....	1022	K 146-157.....	767	M 68-70.....	1151	P 40-49.....	444
J 31f-31m.....	1022	K 178-179.....	691	M 75-88.....	1153	P 50-56.....	443
J 38a-38m.....	1022	K 180.....	692	M 87-102.....	1148	P 59.....	439
J 171.....	1040	K 181.....	691			P 62.....	480
J 172.....	1037	K 184-188.....	700	N 43-48.....	535	P 63.....	491
J 174.....	1040	K 189-191.....	695	N 68-69.....	541	P 65-68.....	489
J 175.....	859	K 191a-191b.....	695	N 73-75.....	541	P 89a.....	455
J 176.....	1050	K 193-203.....	702	N 109-113.....	567	P 89-94.....	455
J 179-180.....	1048	K 225-232.....	708	N 114-116.....	543	P 96.....	455
				N 118-119.....	543	P 98.....	455
K 34-39.....	719	K 233-235.....	704	N 120-122.....	543		
K 40.....	728	K 236.....	707	N 131-134.....	542	P 99-105.....	456
K 41-42.....	719	K 236a-236b.....	707			P 109a.....	465
K 43-51.....	725	K 241.....	746	N 135.....	550	P 110-121.....	465
K 52-59.....	726	K 246-256.....	739	N 140-141.....	550	P 125.....	465
K 71-72.....	719	K 250.....	742	N 146.....	550	P 127-129.....	465
K 75-76.....	719	K 257.....	738	N 148-151.....	531	P 132-133.....	483
K 78.....	719	K 259-260.....	738	N 153-156.....	532	P 136.....	483
		K 264.....	738	N 158-160.....	532	P 139-143.....	483
K 79.....	724	K 265.....	739	N 162.....	532	P 144.....	473
K 80-83.....	719	K 270.....	738	N 164-165.....	532	P 146-147.....	473
K 84-93.....	730					P 152-153.....	476
K 94-102.....	773	L 15a-15s.....	416	N 185-187.....	571		
K 107.....	775	L 41a-41q.....	419	N 188a-191a.....	572	P 155-158.....	476
K 113-116.....				N 197-200.....	581	P 160.....	476
K 118.....	775	M 1.....	1124	N 203a.....	581	P 162.....	476
	775	M 4-7.....	1124	N 204-205.....	581	P 164.....	476
K 119-123.....	775	M 7a.....	1124	N 212-214.....	580	P 165-167.....	639
K 124.....	773	M 8-11.....	1124	N 221-227.....	585	P 170a.....	668
K 124a-124c.....	773	M 13.....	1124	N 228-232.....	577	P 170-174.....	668
K 125-126.....	773	M 15-18.....	1123			P 175a.....	668
K 132.....	751	M 24-27.....	1123	P 29.....	434	P 176-179.....	624
K 134-139.....	751	M 33-41.....	1123	P 30.....	437	P 181.....	624
K 141-144.....	751	M 42-55.....	1136	P 31.....	434	P 185-187.....	624

## APPENDIX II

### Weights and measures

#### UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch=2.540 centimeters.	1 liquid quart=0.9463 liter.
1 foot=0.3048 meter.	1 gallon=231 cubic inches=3.785 liters.
1 yard=0.9144 meter.	1 bushel (measured)=2,150.4 cubic inches=35.24 liters.
1 mile=1.609 kilometers.	1 avoirdupois ounce=28.35 grams.
1 square yard=0.8361 square meter.	1 troy ounce=31.10 grams.
1 acre=0.4047 hectare.	1 pound=0.4536 kilogram.
1 square mile=2.590 square kilometers.	1 long ton=2,240 pounds=1.0160 metric tons of 1,000 kilograms.
1 cubic inch=16.39 cubic centimeters.	1 short ton=2,000 pounds=0.9072 metric ton.
1 cubic foot=0.02832 cubic meter.	
1 cubic yard=0.7646 cubic meter.	

#### UNITED STATES GALLON AND BUSHEL WITH BRITISH EQUIVALENTS

1 United States gallon=231 cubic inches=0.8331 imperial gallon.	1 United States bushel=2,150.4 cubic inches=0.9694 imperial bushel.
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#### OFFICIAL WEIGHTS OF THE BARREL OF NONLIQUID PRODUCTS

ITEM	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net) <sup>1</sup> .....	196	88.90
Rosin, tar and pitch (gross).....	500	226.80
Fish, pickled (net).....	200	90.72
Lime (net).....	200	90.72
Cement (4 bags counted as 1 barrel) (net) <sup>1</sup> .....	376	170.55

<sup>1</sup> Except as noted in the tables.

#### OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

ITEM	Pounds	Kilograms
Wheat, beans, peas, potatoes (Irish or white).....	60	27.22
Rye, corn (maize), linseed (flaxseed), maslin (mixed grain).....	56	25.40
Barley, buckwheat.....	48	21.77
Onions.....	57	25.86
Rough rice.....	45	20.41
Malt.....	34	15.42
Oats.....	32	14.51
Peanuts, green, in shell.....	22	9.98
Castor beans.....	50	22.68

#### APPROXIMATE WEIGHT OF PETROLEUM AND PRODUCTS

In the United States petroleum and its products are measured by bulk, not weight. Whether handled in containers or without them the quantities are customarily reduced to the equivalent of barrels of 42 United States gallons (barrel thus equals 158.984 liters). In many foreign countries these commodities are measured by weight. The specific gravity of the different grades of crude petroleum and of the finished products varies materially. On the basis of approximate averages the Department of Commerce in converting foreign weight statistics to gallons or barrels of 42 gallons uses the factors shown in the following table:

ITEM	WEIGHT OF UNITED STATES GALLON		WEIGHT OF BARREL OF 42 GALLONS	
	Pounds	Kilo-grams	Pounds	Kilo-grams
Crude petroleum.....	7.3	3.311	306.6	139.07
Lubricating oils.....	7.0	3.175	294.0	133.36
Illuminating oils (kerosene).....	6.6	2.994	277.2	125.74
Gasoline and related products (motor spirit, benzine, etc.).....	6.1	2.767	256.2	116.21
Fuel and gas oils.....	7.7	3.493	323.4	146.69

## SOURCE AGENCIES AND TABLE NUMBERS

This listing presents the names of all government and nongovernment agencies supplying the data comprising this volume, together with the numbers of the tables in which each agency's data appear. Table numbers followed by "co-op." indicate that the statistics were compiled by the agency listed, in cooperation with another agency; those followed by "part" indicate that statistics from another source appear in the same table.

### Government Agencies

Administrative Office of the U. S. Courts:  
180-186, 636-638

#### Agriculture:

Agricultural Marketing Service:  
98, 100-102, 270-272, 788, 789 (part),  
810 (co-op.), 811-814, 816, 819, 820-  
822 (co-op.), 824 (part), 832, 846, 847  
(part), 849-857, 858 (part), 860,  
862-868, 869 (part), 870-872, 873  
(part), 875-876 (part), 878, 879, 881,  
882, 884, 885, 887-889, 891 (part),  
906, 1042, 1044, 1049 (part), 1166,  
1167

Agricultural Research Service:  
99, 224, 553, 554, 789 (part), 790,  
791, 795, 801, 802, 807-808 (co-op.),  
809, 810 (co-op.), 815, 821-822  
(co-op.), 824 (part), 828, 833-835

Commodity Exchange Authority:  
573

Commodity Stabilization Service:  
817, 818, 869 (part)

Farmer Cooperative Service:  
829-831

Farmers Home Administration:  
558

Foreign Agricultural Service:  
836-841

Forest Service:  
241, 242, 892-899, 901-905, 916  
(co-op.)

Rural Electrification Administration:  
651, 682

Soil Conservation Service:  
785-787

American National Red Cross:  
375

Atomic Energy Commission:  
689, 690

Board of Governors, Federal Reserve  
System:

392, 400-402, 530, 533, 537-544, 550,  
552, 568-572, 574, 579, 580 (part), 589,  
616, 617, 711, 934, 992, 1011, 1021,  
1022, 1101, 1102

Civil Aeronautics Board:  
738-739 (co-op.), 741 (co-op.), 742, 743,  
745 (co-op.)

Civil Service Commission:  
358, 359, 488-496

#### Commerce:

Bureau of the Census:  
609 (co-op.), 792, 935

Agriculture Division:  
269, 778, 780, 781, 783, 784, 793,  
794, 796-800, 803-806, 807-808  
(co-op.), 810 (co-op.), 820-822  
(co-op.), 823, 825, 826, 844, 845,  
873 (part), 875-876 (part), 877,  
880, 883, 886, 890, 1163-1165

Business Division:  
628 (co-op.), 1035, 1093-1099,  
1104-1108, 1110-1114, 1172-1174,  
1182 (co-op.)

Foreign Trade Division:  
433, 747 (co-op.), 753-758, 766,  
767, 842, 843, 847 (part), 914  
(part), 938, 973, 1049 (part), 1069  
(part), 1074, 1075, 1084, 1134  
(part), 1135-1141, 1142 (part),  
1143-1145, 1148-1150, 1151 (part),  
1153, 1169, 1170

Geography Division:  
198, 202

Governments Division:  
322, 435 (part), 440 (part), 498-  
501, 503-529

Housing Division:  
662, 996, 1001-1010, 1161

Industry Division:  
280 (co-op.), 663, 666, 746 (co-op.),  
824 (part), 848, 858 (part), 859,  
861, 874, 907-908 (co-op.), 911-  
913, 915, 937, 1020, 1023-1033,  
1043, 1045-1048, 1050-1055, 1060,  
1062-1066, 1072, 1077-1083, 1086-  
1089, 1171, 1181 (co-op.)

Population Division:  
1-52, 65 (part), 124-139, 178  
(part), 200, 252-260, 266, 268, 273-  
279, 307, 338, 339 (co-op.), 403-  
410, 439, 446, 447, 1156-1159

## Commerce—Continued

Bureau of Foreign Commerce:  
116, 117, 1146, 1147, 1154

Bureau of Public Roads:  
691, 692, 694-705, 707, 708 (part),  
709, 710, 713

Business and Defense Services Admin-  
istration:

208, 209, 664, 907-908 (co-op.), 910,  
981-984, 1039, 1058, 1142 (part)

Civil Aeronautics Administration:

718 (part), 738-739 (co-op.), 741  
(co-op.), 745-747 (co-op.), 748

Coast and Geodetic Survey:  
199

Maritime Administration:  
768, 771, 772

Office of Business Economics:

188, 189 (part), 247, 280 (co-op.),  
381-388, 389 (co-op.), 391, 393-395,  
397-399, 411, 418, 482, 580-581  
(part), 584, 604, 605, 613-615,  
620, 621, 622 (co-op.), 623, 627, 628  
(co-op.), 629, 752, 914 (part), 1090-  
1092, 1100, 1103, 1119, 1123-1130

Patent Office:  
624

Weather Bureau:  
210-222

## Congress:

Clerk of the House:

434, 435 (part), 436-438, 440  
(part), 441, 444-445 (part)

House Committee on Foreign Affairs:  
1197

Joint Committee on Printing:  
442, 443

Library of Congress:  
444 (part), 668

Senate Library:  
445 (part)

Senate Subcommittee on Privileges and  
Elections:  
452, 453

## Defense:

301-303, 305, 313, 626

Air Force:  
312

Army:  
314, 316, 751, 759-764

Navy:  
306 (part), 310, 311

## Executive Office of the President:

Bureau of the Budget:  
299, 300, 457-461, 502, 989

Council of Economic Advisers:  
280 (co-op.), 283, 380, 389 (co-op.)

Farm Credit Administration:  
555-557

Federal Civil Defense Administration:  
304

Federal Communications Commission:  
648 (part), 650, 652-654, 656-661

Federal Deposit Insurance Corporation:  
545-549, 551

Federal Home Loan Bank Board:  
560-565, 1012-1014

Federal Power Commission:  
429, 430, 670-678, 680

Federal Trade Commission:  
618 (co-op.), 633-635

General Services Administration:  
225-229

## Health, Education, and Welfare:

Office of Education:  
140-171, 1162

Office of Vocational Rehabilitation:  
373, 374

Public Health Service:  
56-64, 65 (part), 68-83, 84-85  
(part), 90-97, 175, 714, 715, 1041,  
1160

Social Security Administration:  
86, 178 (part), 331-337, 339-345,  
360-369, 371, 372, 566, 599 (part),  
608, 609 (co-op.)

## Housing and Home Finance Agency:

Federal National Mortgage Association:  
559

Public Housing Administration:  
1017-1019

## Interior:

223 (part)

Bureau of Indian Affairs:  
238

Bureau of Land Management:  
223 (part), 230-237

Bureau of Mines:  
669, 930, 932, 933, 936, 939-944,  
946-952, 953 (part), 954-969, 971,  
972, 974-980, 1061, 1168

Bureau of Reclamation:  
779, 782

Fish and Wildlife Service:  
248-250, 891 (part), 917-929

Geological Survey:  
201, 203-207, 945

National Park Service:  
239, 240, 243, 244

Interstate Commerce Commission:  
716, 717, 718 (part), 719-726, 728-731,  
734-737, 749, 750

## Justice:

Bureau of Prisons:  
190-197

Federal Bureau of Investigation:  
172-174, 176, 177, 178 (part), 179

Immigration and Naturalization Serv-  
ice:  
103-115, 118-123

## Labor:

- Bureau of Employees' Compensation:  
497
- Bureau of Employment Security:  
348-354
- Bureau of Labor Statistics:  
261-265, 267, 280 (co-op.), 281, 282,  
284-291, 293-298, 389 (co-op.), 396,  
414-417, 419-422, 424-428, 431, 432,  
693, 744, 770, 914 (part), 931 (part),  
985-988, 995, 997-1000, 1076, 1109
- National Forest Reservation Commission:  
900
- National Science Foundation:  
462, 463, 625
- Panama Canal Company:  
765
- Post Office Department:  
567, 639-647
- The President's Commission on Veterans'  
Pensions:  
308, 309
- Puerto Rico Department of Labor:  
1179
- Puerto Rico Planning Board:  
1175-1178, 1180, 1181-1182 (co-op.)
- Railroad Retirement Board:  
355-357

- Securities and Exchange Commission:  
347, 390, 576, 578, 580 (part), 583, 586,  
611, 618 (co-op.), 622 (co-op.)
- Selective Service System:  
315, 317
- State:  
Bureau of International Organization  
Affairs:  
1196
- International Cooperation Administra-  
tion:  
1131-1133
- Tariff Commission:  
1059
- Treasury:  
346, 455, 456, 467, 483-487, 531, 532
- Bureau of Customs:  
773-776, 1134 (part), 1151 (part),  
1152, 1155
- Bureau of the Mint:  
970
- Comptroller of the Currency:  
534-536
- Internal Revenue Service:  
464-466, 468-481, 606, 610, 612, 619,  
1036-1038, 1040, 1122
- United States Coast Guard:  
306 (part)
- Veterans Administration:  
318-321, 323-330, 1015, 1016

## Nongovernment Agencies

- Air Transport Association of America:  
740
- American Bar Foundation:  
187, 189 (part)
- American Bureau of Shipping:  
769
- American Dental Association:  
84-85 (part)
- American Gas Association:  
683-688, 1085 (part)
- American Hospital Association:  
88 (part), 89
- American Iron and Steel Institute:  
1067, 1068, 1069 (part), 1070, 1071,  
1073
- American Medical Association:  
88 (part)
- American Telephone and Telegraph Co.:  
643 (part), 649
- American Transit Association:  
732
- American Wood-Preservers' Association:  
916 (co-op.)
- Anderson, Odin W., Health Information  
Foundation:  
87
- Association of American Railroads:  
727
- Automobile Manufacturers Association:  
706, 708 (part)
- R. R. Bowker Co.:  
667
- Boy Scouts of America:  
370 (part)
- Bureau of Advertising of American News-  
paper Publishers Association:  
1118
- Bus Transportation:  
733 (part)
- Commercial and Financial Chronicle:  
577, 585
- Congressional Quarterly News Features:  
451, 454
- Council of State Governments:  
448

F. W. Dodge Corporation: 990, 991	National Board of Fire Underwriters: 601, 602
Dun & Bradstreet, Inc.: 630-632	National Bureau of Economic Research: 292, 581 (part)
Edison Electric Institute: 679, 681	National Cannery Association: 1034
Editor and Publisher: 665	National Council of the Churches of Christ in the United States of America: 53-55
Electrical Merchandising: 1085 (part)	National Fertilizer Association: 827 (part)
Engineering and Mining Journal: 931 (part)	National Industrial Conference Board: 423
Engineering News-Record: 993, 994	National Lumber Manufacturers Associ- ation: 909
Fleet Owner: 733 (part)	National Plant Food Institute: 827 (part)
Fortune: 607	New York Stock Exchange: 575, 587, 588
Girl Scouts of the U. S. A.: 370 (part)	The Oil and Gas Journal: 953 (part)
Goldsmith, R. W.: 412, 413	Printers' Ink Publications: 1115 (part), 1116, 1117
Governmental Affairs Institute: 449, 450	Resources for the Future, Inc.: 245, 246, 251
The Health Insurance Council: 598, 599 (part)	Rich, Wilmer Shields, American Founda- tions Information Service: 378, 379
Institute of Life Insurance: 592-595	The Spectator: 590, 591, 596, 597, 600, 603, 712
The Iron Age 931 (part)	Tanners' Council of America: 1057
Lloyd's Register of Shipping: 777	Tide Magazine: 1115 (part)
Magazine Advertising Bureau: 1120, 1121	United Community Funds and Councils of America, Inc.: 376, 377
Metropolitan Life Insurance Co.: 66, 67	Western Union Telegraph Co.: 655
Moody's Investors' Service: 582	
National Association of Hosiery Manu- facturers: 1056	

## International

International Bank for Reconstruction and Development: 1195	United Nations (Statistical Office): 1183-1194
---	---

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Much valuable information may also be found in State reports and in reports for particular commodities, industries, or similar segments of our economic and social structure. However, because of the large number of such references, they are not included here.

Section references on the right-hand side of each page indicate where data from the report cited appear in the *Statistical Abstract*. Where current reports and a summary volume are both cited in the bibliography the section reference will often appear opposite the summary volume only. Reference to the sections indicated will enable the user to ascertain the type of information presented in the original source. It should not be assumed that all of the subjects from the original source are summarized in the *Abstract*.

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### Accidents—see also Health; Insurance; and Vital Statistics

Abstract  
Sec. No.

#### *United States Government*

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Accident Insurance Register ..... 16

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#### *United States Government*

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Agricultural Economics Research. Quarterly ..... 30

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Agricultural Prices. Monthly ..... 24

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## Agriculture—Continued

Abstract  
Sec. No.*United States Government—Continued*

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Sec. No.*United States Government—Continued*

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Tables of Bankruptcy Statistics..... 17

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1956, for First Quarter..... 17

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Sec. No.*United States Government—Continued*

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Quarterly..... 17
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Abstract  
Sec. No.*United States Government*

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## Communications—Continued

Abstract  
Sec. No.*Other*

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 a year----- 24  
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 data.) (1954, most recent.)----- 8, 23-25, 33  
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 tration  
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Sec. No.*United States Government—Continued*

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**Irrigation, Drainage, and Soil Conservation—see also Agriculture**Abstract  
Sec. No.*United States Government*

## Bureau of the Census

Census of Agriculture. Quinquennial. (1954, most recent.) --- 8, 23-25, 33

Drainage of Agricultural Lands. Decennial.

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Annual.----- 23

## Department of the Interior

Annual Report.----- 23

## Soil Conservation Service

Report of Administrator of Soil Conservation Service. Annual. (1953, most recent.)----- 23

Soil Conservation Districts. Annual.----- 23

Juvenile Institutions—see Law Enforcement.

**Labor—see also Social Insurance***United States Government*

## Agricultural Marketing Service

Farm Labor. (Farm wage rates, farm employment, and related data.) Monthly and special releases----- 8

Farm Population—Annual Estimates by States, Major Geographic Divisions, and Regions, 1920-50, and for the United States, 1910-50. November 1953.

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Federal Reserve Bulletin. Monthly. (Indexes of employment and payrolls.)----- 11, 14, 16, 17, 20, 28-31

## Bureau of the Census

Census of Agriculture. Quinquennial. (1954, most recent.)-- 8, 23-25, 33

Census of Business. (1930, 1933, 1935, 1937-38, 1940, 1948, 1954-- most recent.)----- 31, 33

Census of Manufactures. (Biennial, 1921-39; 1947; 1954, most recent.)----- 18, 26, 30, 33

Census of Population. Decennial. (1950, most recent.)--- 1, 4, 6, 8, 13, 33

City Employment. Annual.----- 15

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State Distribution of Public Employment. Annual.----- 15

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Changes in Distribution of Manufacturing Wage Earners, 1899-1939. 1942.

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County Business Patterns. Annually, 1946 to 1951, 1953, and 1956, for First Quarter.----- 17

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**Labor**—Continued*United States Government*—Continued

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## Civil Service Commission

Annual Report----- 14

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Pay Structure of the Federal Civil Service. Annual----- 14

## Council of Economic Advisers

Economic Indicators. Monthly----- 8

Economic Report of the President. Annual----- 8, 11, 17

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Annual Report----- 14

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Land and Air Transportation—see also Manufactures; Money; and Roads

*United States Government*

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U. S. Participation in International Travel----- 3

## Bureau of Public Roads

Highway Statistics. Summary to 1945; annual beginning 1945----- 20

## Civil Aeronautics Administration

Air Commerce Traffic Pattern. Semiannual.

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Federal Airways Air Traffic Activity. Semiannual.

General Aviation Accidents. Annual.

Statistical Handbook of Civil Aviation. Annual----- 21

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## Land and Air Transportation—Continued

*United States Government—Continued*

Department of Commerce Transportation Council  
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Part 3—Railway Express Agency, Inc. (Express Company.)

Part 4—Electric Railways.

Part 5—Carriers by Water.

Part 6—Oil Pipe Lines.....

21

Part 7—Motor Carriers.....

21

Part 8—Freight Forwarders.

Part 9—Private Car Lines.

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Airline Traffic and Financial Data. Quarterly.....

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21

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21

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Automobile Facts and Figures. Annual.....

20

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**Law Enforcement, Federal Courts, and Prisons***United States Government*

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**Manufactures—see also Business; Economic Indexes; Investments; and Minerals***United States Government*

- Agricultural Marketing Service  
 Agricultural Economics Research. Quarterly.----- 30  
 Naval Stores Report. Monthly and annual.----- 26  
 Production of Manufactured Dairy Products. Annual.----- 25  
 Board of Governors of the Federal Reserve System  
 Federal Reserve Bulletin. Monthly.----- 11, 14, 16, 17, 20, 28-31  
 Bureau of the Census  
 Annual Survey of Manufactures.----- 30  
 Census of Manufactures. (Biennial, 1921-39; 1947; 1954, most recent.)----- 18, 26, 30, 33  
 Cotton ginning reports. Semimonthly and monthly during season, and annual. The current reports are summarized in the two annual bulletins: (1) Cotton Production in the United States; (2) Cotton Production and Distribution.----- 25, 30

**Manufactures—Continued**Abstract  
Sec. No.*United States Government—Continued***Bureau of the Census—Continued**

- Facts for Industry. Monthly, quarterly, and annual series issued by Bureau of the Census. Many of these are compiled in cooperation with other U. S. Government agencies. Statistics on production, sales, stocks, shipments, inventories, and in a few instances consumption of commodities and products of manufacture are presented. 24-26, 30
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- Quarterly Summary of Foreign Commerce of the United States. 25, 28, 30, 32, 33
- The Proportion of the Shipments (or Employees) of Each Industry or the Shipments of Each Group of Products Accounted for by the Largest Companies as Reported in the 1954 Census of Manufactures. 30

- Bureau of the Census and Bureau of Old-Age and Survivors Insurance  
County Business Patterns. Annual, 1946 to 1951, 1953, and 1956, for First Quarter. 17

- Bureau of Mines  
Consumption of Industrial Explosives. Annual. 30
- Business and Defense Services Administration  
Wool and Man-Made Fibers in the United States. 30

- Federal Power Commission  
Industrial electric power summaries.

- Internal Revenue Service  
Statistics Relating to the Alcohol and Tobacco Industries. Annual. 30

- Office of Business Economics  
Industry Survey Reports. Monthly statistics on manufacturers' sales, inventories, and new and unfilled orders.  
Survey of Current Business. Monthly statistics and special articles. 5, 7, 11, 12, 14, 16, 17, 22, 26, 30-32

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Plant and equipment expenditure survey releases of U. S. business. Quarterly. 17

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Tobacco Smoking Patterns in the United States. 30

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Synthetic Organic Chemicals, U. S. Production and Sales. Annual. 30

*Other*

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Annual Statistical Report. 30

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Medical Care—see Health.

Mental Diseases—see Health.

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**Military Services and Veterans Affairs—see also Health***United States Government*

Bureau of the Budget	
The Budget of the United States Government. Annual.....	9, 14, 15, 29
Bureau of the Census	
State Veterans' Benefits Since World War II. (A special study.) 1956.....	9
Bureau of Labor Statistics	
Monthly Labor Review.....	8, 12
Department of the Army	
The Army Almanac, 1950.	
Department of Defense	
Military Prime Contracts with Small Business and Other Contractors, Fiscal Year 1957 Summary.....	9
Semiannual Reports of the Secretary of Defense, Secretary of the Army, Secretary of the Navy, and Secretary of the Air Force.....	9
Federal Civil Defense Administration, Battle Creek, Mich.	
Annual Statistical Report.....	9
The President's Commission on Veterans' Pensions	
Veterans' Benefits in the United States. Vol. I. 1956.....	9
Selective Service System, National Headquarters	
Annual Report of the Director of Selective Service.	
Veterans Administration	
Annual Report of Administrator of Veterans Affairs.....	9

**Minerals—see also Manufactures***United States Government*

Bureau of the Census	
Census of Manufactures. (Biennial, 1921-39; 1947; 1954, most recent.).....	18, 26, 30, 33
Census of Mineral Industries. (1939; 1954, most recent.).....	28
Facts for Industry. Monthly, quarterly, and annual series issued by Bureau of the Census. Many of these are compiled in cooperation with other U. S. Government agencies. Statistics cover production, sales, stocks, shipments, inventories, and in a few instances con- sumption of commodities and products of manufacture.....	24-26, 30
Foreign Commerce and Navigation of the United States. Annual. (Latest issue, 1946.).....	22, 25, 28, 30, 32, 33
Quarterly Summary of Foreign Commerce of the United States. 25, 28, 30, 32, 33	
Raw Materials in the United States Economy: 1900-1952 (Working Paper No. 1).....	28
Bureau of Mines	
Bituminous Coal and Lignite. Annual.....	19, 28
Injury Experience in Coal Mining. Annual. (Similar reports are also issued for accidents in metallurgical plants, coke ovens, metal mines, nonmetallic mineral mines, quarries, and the petroleum industry.)	
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Minerals Yearbook. Annual.....	19, 28, 33
Bureau of the Mint	
Annual Report of the Director.....	28
Federal Power Commission	
Statistics of Natural Gas Companies. Annual.	
Geological Survey	
Coal Resources of the United States (a progress report, October 1, 1953). Circular No. 293 (as revised).....	28
Office of Business Economics	
Survey of Current Business. Monthly statistics and special ar- ticles.....	5, 7, 11, 12, 14, 16, 17, 22, 26, 30-32

**Minerals—Continued**Abstract  
Sec. No.*United States Government—Continued*The President's Materials Policy Commission  
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Treasury Department

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Gas Facts. Annual----- 19

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Inc., New York, N. Y.) Monthly----- 28

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Weekly----- 28

**Money and Banking—see also Insurance; International Accounts; and  
Investments***United States Government*

Board of Governors of the Federal Reserve System

Annual Report----- 16

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on member bank earnings, and weekly and monthly releases on  
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Bureau of the Census

Census of Housing. Decennial. (1950, most recent.) (Mortgage  
data.)----- 20, 33Foreign Commerce and Navigation of the United States. An-  
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ports.)----- 22, 25, 28, 30, 32, 33Quarterly Summary of Foreign Commerce of the United States.  
(Gold and silver exports and imports.)----- 25, 28, 30, 32, 33

**Money and Banking—Continued**Abstract  
Sec. No.*United States Government—Continued*

Bureau of Labor Statistics	
Monthly Labor Review. (Credit unions.)	8, 12
Bureau of the Mint	
Annual Report of the Director	28
Comptroller of the Currency	
Abstract of Reports of Condition of National Banks. Quarterly.	
Annual Report	16
Council of Economic Advisers	
Economic Report of the President. Annual	8, 11, 17
Farm Credit Administration	
Annual Report.	
Loans and Discounts of Lending Institutions Supervised by Farm Credit Administration. Annual.	
Production Credit Associations; Summary of Operations. Annual.	
Report to the National Farm Loan Associations. Annual.	
Federal Deposit Insurance Corporation	
Annual Report	16
Assets and Liabilities of all Operating Banks. Semiannual.	
Federal Home Loan Bank Board	
Annual Report	29
Savings and Home Financing Source Book. Annual.	
Trends in the Savings and Loan Field. Annual	16
Federal Housing Administration	
Annual Report. (Mortgage data.)	
Federal National Mortgage Association	
Semiannual Report	16
Post Office Department	
Annual Report of the Postmaster General	16, 18
Report of Operations of Postal Savings System. Annual.	
Securities and Exchange Commission	
Volume and Composition of Individuals' Saving. Quarterly	11
Social Security Administration	
Report of Operations, Federal Credit Unions. Annual	16
Treasury Department	
Annual Report of the Secretary	9, 14, 16, 32
Circulation Statement of United States Money. Monthly	16
Daily Statement of the United States Treasury	14
Monthly Statement of Receipts and Expenditures of the United States Government	10, 14
Treasury Bulletin. Monthly	14

*Other*

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National Income and Wealth—see also Consumer Income

Abstract  
Sec. No.

*United States Government*

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Annual Report of the Commissioner----- 14

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Sec. No.*Other—Continued*

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**Newspapers, Periodicals, and Books—see also Communications***United States Government*

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cent.)----- 18, 26, 30, 33

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Editor & Publisher. (Editor and Publisher Company, Inc., New  
York, N. Y.) Weekly. International Year Book Number.----- 18

Publishers Weekly. (R. R. Bowker Co., New York, N. Y.) (Monthly  
data.)----- 18

Nutrition—see Health.

Occupations—see Labor; Population; and Social Insurance.

Petroleum—see Minerals.

**Population and Population Characteristics—see also Vital Statistics***United States Government*

## Agricultural Marketing Service

Farm Population—Annual Estimates by States, Major Geographic  
Divisions, and Regions, 1920-50, and for the United States, 1910-  
50. Nov. 1953.

Farm Population. Annual bulletin, AMS-80----- 24

Farm Population . . . Migration to and from Farms: 1920-1954--- 24

## Bureau of the Census

Census of Agriculture. Quinquennial. (1954, most recent.)-- 8, 23-25, 33

Census of Housing. Decennial. (1950, most recent.)----- 29, 33

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Postal Service—see Communications.

Abstract  
Sec. No.

Power—see also Communications; Manufactures; Minerals; and Land and Air Transportation

*United States Government*

Atomic Energy Commission  
Semiannual Report ..... 19

Bureau of Mines  
Bituminous Coal and Lignite. Annual ..... 19, 28  
Minerals Yearbook. Vols. I and II. Annual ..... 19, 28, 33  
Mineral Industry Surveys (monthly and annual Petroleum State-  
ment) ..... 19

*Federal Power Commission*

Annual Report.  
Electric Power Statistics. (Contains sections on Production of Elec-  
tric Energy and Capacity of Plants, Fuel Consumption, Electric  
Utility System Capacity and Loads, Financial Statistics of Privately  
Owned Class A and Class B Electric Utilities, Sales of Electric  
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odically ..... 19

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Privately Owned Companies.) Annual ..... 19

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Annual ..... 12

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		Abstract Sec. No.
<b>Public and Private Debt—see also Construction; Money; and State and</b>		
Local Government		
<i>United States Government</i>		
Agricultural Research Service		
Agricultural Finance Review. Annual.....	16, 24	
Office of Business Economics		
Survey of Current Business. (Special annual article on public and private debt.).....	5, 7, 11, 12, 14, 16, 17, 22, 26, 30-32	
Treasury Department		
Annual Report of the Secretary.....	9, 14, 16, 32	
Combined Statement of Receipts, Expenditures and Balances of the United States Government. Annual.....		
Daily Statement of the United States Treasury.....	14	
Monthly Statement of Receipts and Expenditures of the United States Government.....	10, 14	
Treasury Bulletin. Monthly.....	14	
<i>Other</i>		
Moody's Investors Service, New York, N. Y.		
Moody's Municipal and Government Manual. Annual with semi-weekly supplements.		
Public Health—see Health.		
<b>Public Lands and Park Systems—see also Federal Government</b>		
<i>United States Government</i>		
Agricultural Research Service		
Major Uses of Land in the United States; Summary for 1954. 1957. (Agricultural Information Bulletin No. 168.).....	24	
Bureau of Indian Affairs		
Annual Report.....	7	
Bureau of Land Management		
Annual Report of the Director. (Statistical Appendix).....	7	
Department of the Interior		
Areas of Acquisitions to the Territory of the U. S. 1922.....	7	
National Park Service		
Areas Administered by the National Park Service. Annual.....	7	
Tabulations of Visitors to the Areas Administered by the National Park Service. Monthly with cumulative annual in December issue.....	7	
State Park Statistics. Annual.....	7	
Visitors to Areas Administered by the National Park Service, 1904-1950.		
Public Utilities—see Communications; Land and Air Transportation; and Power;		
Puerto Rico—see Territories.		
Railways—see Land and Air Transportation.		
Real Estate—see Agriculture; and Construction.		
Reclamation Projects—see Irrigation.		
<b>Recreation</b>		
<i>United States Government</i>		
Fish and Wildlife Service		
National Survey of Fishing and Hunting.....	7	
National Park Service		
State Park Statistics.....	7	
Visitors to Areas Administered by the National Park Service.....	7	
Office of Business Economics		
Survey of Current Business (Special annual article on consumer income and expenditures.).....	5, 7, 11, 12, 14, 16, 17, 22, 26, 30-32	
National Income, 1954 Edition. (Supplement to Survey of Current Business.).....	7, 11, 17	
<i>Other</i>		
National Recreation Association		
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Statistics on Outdoor Recreation. 1958.....	7	

Reformatories—see Law Enforcement.

Abstract  
Sec. No.

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1

Retail Trade—see Wholesale and Retail Trade.

## Roads

### *United States Government*

#### Bureau of Public Roads

Annual Report----- 20  
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### *United States Government*

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Census of Business (Service Establishments). (1930, 1933, 1935, 1937-38, 1940, 1948, 1954—most recent.)----- 31, 33

### *Other*

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Tide. (Tide Publishing Co., New York, N. Y.) Monthly----- 31

Shipping—see Water Transportation.

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Sec. No.*United States Government*

Bureau of the Census and Bureau of Old-Age and Survivors Insurance County Business Patterns. Annually, 1946 to 1951, 1953, and 1956, for First Quarter.....	17
Bureau of Labor Statistics Handbook of Labor Statistics, 1950 Edition and 1951 Supplement.....	8, 12
Monthly Labor Review.....	8, 12
Bureau of Old-Age and Survivors Insurance Handbook of Old-Age and Survivors Insurance Statistics. Annual. Quarterly Summary of Earnings, Employment, and Benefit Data. State and Local Government Employment Covered by OASI. Quar- terly.	
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Department of Labor Annual Report.	
The President's Commission on the Health Needs of the Nation Building America's Health. Five volumes, especially 2, 3, and 4. 1951..	16
Railroad Retirement Board, Chicago, Ill. Annual Report.....	10
Compensation and Service of Railroad Employees. Annual.	
The Monthly Review.....	10
Securities and Exchange Commission Corporate Pension Funds. Annual.....	10
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Social Security in the United States. 1957.	
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<i>Other</i>	
American National Red Cross, Washington, D. C. Annual Report.....	10
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Soil Conservation—*see* Irrigation.

State and Local Government—*see also* Elections; and Federal Government

Abstract  
Sec. No.

*United States Government*

Bureau of the Budget

The Budget of the United States Government. Annual..... 9, 14, 15, 29

Bureau of the Census

Census of Governments. (Decennial to 1942; 1957, most recent.)----- 15

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County Finances. (1946 and previous years; basic items of county government finances.)-----

Governmental Revenue in 1951..... 15

Governments in the United States. 1957..... 15

Historical Statistics on State and Local Government Finances, 1902-1953. 1955. Special Study No. 38..... 15

Local Government Finances in City Areas in 1953. 1955. Special Study No. 39.

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Annual Report of the Commissioner..... 14

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Stores—*see* Service Establishments; and Wholesale and Retail Trade.

Tax Collections—*see* Federal Government; and State and Local Government.

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**Territories, Possessions, and Other Areas—see also Foreign Commerce**Abstract  
Sec. No.*United States Government***Bureau of the Census**

- Census of Agriculture. Quinquennial. (1954, most recent.)--- 8, 23-25, 33  
 Census of Business. (1930, 1933, 1935, 1937-38, 1940, 1948, 1954-  
 most recent.)----- 31, 33  
 Census of Housing. Decennial. (1950, most recent.)----- 29, 33  
 Census of Manufactures. (Biennial, 1921-39; 1947; 1954, most  
 recent.)----- 18, 26, 30, 33  
 Census of Population. Decennial. (1950, most recent.)-- 1, 4, 6, 8, 13, 33  
 Current Population Reports. (Series P-25, population estimates.)- 1, 4, 13, 33  
 Puerto Rico Census of Manufactures. (1949; and 1954, most recent.)- 33  
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Trade—see Foreign Commerce; Service Establishments; and Wholesale and Retail Trade.

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Unemployment Insurance—see Insurance; and Social Insurance.

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Sec. No.*Other—Continued*

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The Budget of the United States Government. Annual..... 9, 14, 15, 29
- Department of Health, Education, and Welfare  
Annual Report.
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Digest of Annual Reports of State Boards for Vocational Education... 4  
Federal Funds for Education. Biennial..... 4
- Social Security Administration  
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supplement in September issue..... 2, 10, 16
- Veterans Administration  
Annual Report of Administrator of Veterans Affairs..... 9

**Wages and Wage Rates—see Labor; and Social Insurance.****Water Transportation—see also Foreign Commerce; and Land and Air Transportation***United States Government*

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Foreign Commerce and Navigation of the United States. Annual.  
(Latest issue, 1946.)..... 22, 25, 28, 30, 32, 33
- United States Foreign Waterborne Commerce. Annual review..... 22
- Waterborne Foreign Trade Statistics, Summary Report, Ft 985.  
Monthly and annual..... 22
- Bureau of Customs  
Merchant Marine Statistics. Annual..... 22
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U. S. Participation in International Travel..... 3
- Department of the Army, Corps of Engineers  
Annual Report of Chief of Engineers. Part 2, Commercial Sta-  
tistics..... 22
- Lake Series. (Revised at intervals.)
- Transportation Series. (Revised at intervals.)
- Waterborne Commerce of the United States. Annual..... 22
- Interstate Commerce Commission  
Carriers by Water. Annual.
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Annual Report of Commission of Navigation..... 22
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1946-53. 1954.
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Survey of Current Business. Monthly.. 5, 7, 11, 12, 14, 16, 17, 22, 26, 30-32
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Annual Report..... 22

*Other*

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The Bulletin. Monthly..... 22
- Record. Annual.
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Wealth—see National Income.

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*United States Government*

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Annual Retail Trade Report----- 31

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## PUBLICATIONS OF MAJOR CENSUSES

The results of the 1957 Census of Governments are now in process of preparation and publication. The final reports published to date, and also the advance releases issued, are listed below. The final reports of the 1954 Censuses of Agriculture, Business, Manufactures, and Mineral Industries are listed below, together with the final reports of the 1950 Censuses of Housing and Population. Most parts (or chapters) of a volume in this list are published as separate reports. Preliminary bulletins and advance reports which were issued are not included in the list, except for the 1957 Census of Governments.

The *Catalog of United States Census Publications* is published quarterly and cumulated to the annual issue. A sample copy is available from the Bureau of the Census on request. The subscription price for 4 consecutive issues of the *Catalog* and 12 issues of its Monthly Supplement is \$1.25.

## 1957 CENSUS OF GOVERNMENTS

Final reports issued (to August 1958)

Vol. I: Governmental Organization.

No. 1. Governments in the United States.

No. 2. Local Government in Standard Metropolitan Areas.

No. 3. Local Government Structure.

Vol. II: Governmental Employment.

No. 1. Summary of Public Employment.

No. 2. Compendium of Public Employment.

Advance releases issued (to August 1958)

No. 1. School Districts in 1956-57.<sup>1</sup>

No. 2. Governments in the United States in 1957.<sup>1</sup>

No. 3. Real Estate Assessments in the United States.

No. 4. State and Local Government Indebtedness.

No. 5. Property Tax Assessments in the United States.

No. 6. Public Employment in April 1957.<sup>1</sup>

No. 7. Assessed Values and Sales Prices of Transferred Real Property.

## 1954 CENSUS OF AGRICULTURE

Vol. I: Counties and State Economic Areas. Detailed statistics by counties and economic areas. Economic areas within each State comprise groups of counties having similar agricultural, demographic, and other characteristics. A series of 33 separately published parts.

Vol. II: General Report. Summary data and analyses by subjects for States, for geographic divisions, and for the United States. Subject matter chapters also issued as separate reports.

Vol. III: Special Reports.

Part 1. Multiple-Unit Operations.

Part 2. Ranking Agricultural Counties.

Part 3. Alaska, Hawaii, Puerto Rico, District of Columbia, and United States Possessions.

Part 4. Agriculture, 1954, a Graphic Summary. Three chapters published separately.

Chapter I. Land Utilization.

Chapter II. Farm Machines and Facilities.

Chapter III. Farm Tenure.

Part 5. Farm Mortgage Debt.

Part 6. Irrigation in Humid Areas.

Part 7. Popular Report of the 1954 Census of Agriculture.

Part 8. Size of Operation by Type of Farm.

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<sup>1</sup> Supplemented or superseded by subsequent final report.

## 1954 CENSUS OF AGRICULTURE—Continued

## Vol. III: Special Reports—Continued

Part 9. Farmers and Farm Production in the United States. Nine chapters published separately.

- Chapter I. Wheat Producers and Wheat Production.
- Chapter II. Cotton Producers and Cotton Production.
- Chapter III. Tobacco and Peanut Producers and Production.
- Chapter IV. Poultry Producers and Poultry Production.
- Chapter V. Dairy Producers and Dairy Production.
- Chapter VI. Western Livestock Production.
- Chapter VII. Cash Grain and Livestock Producers in the Corn Belt.
- Chapter VIII. Part-Time Farming.
- Chapter IX. Agricultural Producers and Production in the United States—A General View.

Part 10. Use of Fertilizer and Lime.

Part 11. Farmers' Expenditures.

Part 12. Methods and Procedures.

## 1954 CENSUS OF BUSINESS

**Retail Trade**

Vol. I: Summary Statistics.

- Chapter 1. United States Summary.
- Chapter 2. Sales Size.
- Chapter 3. Employment Size.
- Chapter 4. Single and Multiunits.
- Chapter 5. Legal Form of Organization.
- Chapter 6. Miscellaneous.
- Chapter 7. Territories of Alaska and Hawaii.
- Chapter 8. Administrative Offices, Auxiliaries, and Warehouses.

Vol. II: Area Statistics.

**Wholesale Trade**

Vol. III: Summary Statistics and Public Warehouses.

- Chapter 1. United States Summary.
- Chapter 2. Size of Wholesale Establishment or Firm.
- Chapter 3. Credit, Receivables, Bad Debt Losses.
- Chapter 4. Sales by Class of Customer.
- Chapter 5. Warehouse Space.
- Chapter 6. Commodity Line Sales.
- Chapter 7. Legal Form of Organization.
- Chapter 8. Petroleum Bulk Plants and Terminals.
- Chapter 9. Miscellaneous.
- Chapter 10. Territories of Alaska and Hawaii.

Vol. IV: Area Statistics.

**Selected Service Trades**

Vol. V: Summary Statistics.

- Chapter 1. United States Summary.
- Chapter 2. Receipts Size.
- Chapter 3. Employment Size.
- Chapter 4. Single and Multiunits.
- Chapter 5. Legal Form of Organization.
- Chapter 6. Hotels and Motels.
- Chapter 7. Laundry, Cleaning, and Related Services.
- Chapter 8. Motion Pictures.
- Chapter 9. Miscellaneous.
- Chapter 10. Territories of Alaska and Hawaii.

Vol. VI: Area Statistics.

## 1954 CENSUS OF MANUFACTURES

## Vol. I: Summary Statistics.

- Chapter I. General Statistics.
- Chapter II. Employment and Payrolls.
- Chapter III. Size of Establishments.
- Chapter IV. Type of Organization.
- Chapter V. Manufacturers' Inventories.
- Chapter VI. Expenditures for Plant and Equipment.
- Chapter VII. Horsepower of Power Equipment.
- Chapter VIII. Fuels and Electric Energy Consumed.
- Chapter IX. Industrial Water Use.
- Chapter X. Selected Materials Consumed.
- Chapter XI. Industry Specialization of Establishments.
- Chapter XII. Selected Metalworking Operations.
- Appendix A. Industry Descriptions.
- Appendix B. Conversion of Industry Classifications from 1947 to 1954.
- Appendix C. Census Report Forms and Punch Cards.
- Appendix D. Provisions of Law Relating to 1954 Census of Manufactures.

## Vol. II: Industry Statistics.

- General Statistics.
- General Statistics for 20 Major Industry Groups and 460 Individual Industries.
- Special Report—Manufacturing Activity in Government Establishments.
- Appendixes A–D. Same as in Vol. I.
- Appendix E. Alphabetic Product Index.

## Vol. III: Area Statistics.

- General Statistics.
- General Statistics for Geographic Divisions.
- General Statistics for 49 States.
- General Statistics for Alaska and Hawaii.
- Appendixes A–D. Same as in Vol. I.

Indexes of Production. Manufacturing production indexes for 1954 relative to 1947, based largely on Census of Manufactures data. Indexes for total United States, for major groups, and for over 200 industries. Also, comprehensive discussion of methods and a presentation of the detailed statistics.

## 1954 CENSUS OF MINERAL INDUSTRIES

Vol. I: Summary and Industry Statistics. Summary statistics and details by industry and State, type of operation, and size of establishment. Chapters on individual industries or groups of related industries.

Vol. II: Area Statistics. Chapters by State showing industry statistics, county statistics, size of establishment, and water use.

## 17th DECENNIAL CENSUS, 1950

## Housing

Vol. I: General Characteristics. A separate bulletin is also issued for the United States, each State, and the District of Columbia, Alaska, Hawaii, Puerto Rico, and the Virgin Islands of the United States. Characteristics by States, counties, standard metropolitan areas, urban places, and other constituent areas.

Vol. II: Nonfarm Housing Characteristics. Chapters also issued as separate bulletins for the United States and the 9 geographic divisions, and for each of the 152 standard metropolitan areas of 100,000 or more inhabitants including the 106 cities of 100,000 inhabitants or more in the United States.

Vol. III: Farm Housing Characteristics. Analytical data for the rural-farm segment of the dwelling-unit inventory; for the United States and each of the 119 economic subregions. Subregions usually are combinations of two or more counties having relatively homogeneous agricultural conditions.

## 17th DECENNIAL CENSUS, 1950—Continued

**Housing—Continued**

- Vol. IV: Residential Financing. Financial characteristics of nonfarm mortgaged residential properties, for the United States, the 4 geographic regions, and for the 25 largest standard metropolitan areas as measured by 1940 population figures (2 parts).  
Part 1. United States.  
Part 2. Large standard metropolitan areas and comparable data for the United States.
- Vol. V: Block Statistics. Separate reports for each of the 209 cities in the United States which had a population of 50,000 or more inhabitants in 1940, or in a subsequent special census prior to 1950. (These bulletins *not* bound in a single publication.)

**Population**

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# INDEX

	Page
<b>A</b>	
Abrasives.....	714, 720, 721
Academies, U. S. Service.....	126-128, 135
Accident and health insurance.....	482
Accidents and fatalities:	
Aircraft.....	71, 574, 575
Automobile.....	68, 71, 555, 560
By industry groups.....	234, 235
Cause, external.....	71
Death rates.....	68, 69, 71
Federal government.....	399
In mineral industries.....	234, 235, 723
Railway.....	71, 564, 569
Accountants, auditors, and bookkeepers.....	220, 221
Federal employees.....	398
Accounting, degrees conferred.....	130
Acids, production.....	808
Acquisition of territory by the U. S.....	159, 180, 182, 183
Acreage. <i>See</i> Farms and Land.	
Aden, trade with U. S.....	897
Adoptions.....	293
Advertising:	
Employees.....	221
Expenditures.....	859
By medium.....	858-861
Corporation.....	862
Indexes.....	858
Newspapers:	
Lineage.....	860
Newsprint consumption.....	523
Receipts, newspapers and periodicals.....	523
Services, summary.....	352
Aegean Islands, trade with U. S.....	896
Aeronautical radio stations.....	519, 574
Aeronautics, civil. <i>See</i> Air transportation.	
Afghanistan:	
Aid by U. S. Government.....	872, 876
Comparative international statistics.....	925,
926, 932-936, 943-948	
Trade with U. S.....	897
Africa:	
Aid by U. S. Government.....	877
Immigration and emigration.....	89, 92-94, 96, 100
Passports issued to.....	99
Trade with U. S.....	892, 898, 899, 903, 904
U. S. citizens naturalized from.....	102
Age of population. <i>See</i> Population.	
Agents. <i>See</i> Brokers, dealers, and agents.	
Agricultural credit agencies.....	453-458
Agricultural implements and machinery:	
Farm expenditures.....	638
Foreign trade.....	882, 884, 890, 891
Manufacture:	
Average hours and earnings.....	230
Employees.....	210, 780, 781
Shipments.....	815, 820, 823, 824
Summary.....	780, 781
Retail trade.....	836, 837
Sales.....	638
Value of, on farms.....	638
Territories and possessions.....	911
Wholesale price indexes.....	330
Agricultural loans. <i>See</i> Farm mortgage loans.	
Agricultural marketing fund.....	456
Agricultural products ( <i>see also</i> Crops, Dairy products, Fruits, Vegetables, and individual products):	
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635
Comparative international statistics.....	929,
630, 932-934	
Farm income.....	620, 622-625, 631-633, 636
Cash receipts, ratio of exports to.....	648
Foreign aid.....	875, 878
Foreign trade.....	646-649,
659, 663, 718, 831, 883, 885, 890, 891	
Dutiable imports and duties.....	901
Indexes.....	648

	Page
Agricultural products—Continued	
Output and marketing indexes.....	644, 645
Prices:	
Farm indexes.....	610, 631
Farm-to-retail price spreads.....	636
Wholesale indexes.....	327, 329
Production and consumption.....	718
Purchased and sold through farmer cooperatives.....	641
Revenue freight carried by railroads.....	567
Sold, value.....	620, 624, 625
Surplus, sales.....	875
Wholesale trade.....	846-849
Corporation income tax returns.....	384, 385
Puerto Rico.....	922
Agriculture ( <i>see also</i> Farms, etc.):	
Advertising.....	858, 859
Balance sheet of agriculture.....	630
Comparative international statistics.....	920-931
Corporation income tax returns.....	382, 383
Degrees conferred.....	130
Employees.....	198,
202, 203, 205, 216, 218-220, 224, 225, 640	
Federal expenditures.....	368, 369, 406, 631, 632, 751
Income, Puerto Rico.....	918
Injuries.....	234, 235
Output indexes.....	645
Output, per man-hour.....	226
Personal income.....	312, 313
Unemployment insurance.....	279
Vocational training in.....	132-134
Agriculture, forestry, and fishery ( <i>see also</i> individual industry):	
Advertising expenditures.....	862
Commercial-industrial activities of U. S. Government.....	370
Comparative international statistics.....	931
Contribution to national income.....	307
Corporation receipts.....	382, 383, 386
Dividend payments.....	383, 496
Employees.....	219
Territories and possessions.....	907
Income.....	382, 383, 386, 493
Income tax returns.....	382, 383, 386
Unemployment insurance.....	279
Work stoppages.....	238
Air conditioning:	
Advertising.....	860
Equipment, shipments, sales, retail value.....	822, 823
Wholesale trade.....	846, 847
Air Force:	
Aircraft on hand.....	248
Personnel.....	245, 247
Casualties, major wars.....	247
Air Force, Department of:	
Employment, civilian.....	394
Expenditures.....	184, 185, 243, 366, 367, 369
Land and buildings.....	184, 185
Procurement actions.....	243
Property (real and personal).....	244
Research and development.....	371
Air mail service.....	510-512, 575, 576
Air transportation ( <i>see also</i> Aircraft):	
Advertising.....	860
Civil aeronautics:	
Accidents and fatalities.....	71, 574, 575
Airways mileage.....	574, 579
Comparative international statistics.....	941, 942
Employees.....	220, 575, 576
Navigation aids.....	574
Noncertificated air carriers.....	577, 578
Pilots and airmen.....	574, 576
Revenues and expenses.....	663, 576
Scheduled air carrier operations.....	575-578
Summary.....	574, 575
Traffic carried.....	575-578
Corporation income tax returns.....	382, 383

	Page		Page
Air transportation—Continued		Algeria, trade with U. S.	898
Fuel consumed	574, 575	Aliens. <i>See</i> Immigration and emigration and individual countries.	
Intercity traffic (domestic)	562, 563	Almonds, production and value	652
Aircraft:		Altitudes:	
Civil	574, 579	Extreme and mean in U. S., by States	164
In service	575	Mountain peaks	163
Communication (radio)	519	Aluminum and manufactures:	
Engines, military production	249	Foreign trade	587, 719, 722, 742
Foreign aid	878	Mill products, shipments	818
Foreign trade	578, 882, 884	Prices	713, 742
Manufacture:		Summary	742
Average hours and earnings	230, 577	Supply	719
Concentration of employment and output	780, 785, 786	American Federation of Labor	236
Employees	211, 577, 780, 781, 785	American Samoa. <i>See</i> Samoa, American.	
Shipments	578, 815, 819	American Telephone and Telegraph Co. (Bell system)	514
Summary	780, 781	Ammonia and ammonia compounds, production	808
Military	248	Amusements ( <i>see also</i> Entertainment and recreation services, and Recreation areas and activities):	
Production, by type	249	Advertising	862
Airports or airfields:		Corporation income tax returns	384, 385
Construction	751	Establishments	855
Federal-aid airport program	406, 579	Construction, value	749
In operation	574, 579	Summary and receipts	853, 855
Land, federal	184	Motion picture theaters, summary	857
Alabama. <i>See</i> State data.		Personal expenditures	195, 197
Alaska:		Puerto Rico	922
Airports, aircraft, etc.	579	Anchovies, imports	710
Aliens naturalized	102	Angola, trade with U. S.	599
Altitudes	164	Animal husbandry, degrees conferred	130
Area	8, 159, 160, 907	Animal oils and fats. <i>See</i> Oils, animal.	
Banks	442	Animal products ( <i>see also</i> individual products):	
Broadcast stations	520	Cold-storage holdings	656
Climatic data	166-179	Consumption	84, 680
Date of accession	159	Farm income	620, 625, 631, 633, 636
Dentists	75	Farm price indexes	631
Employment and labor force	207	Farm-to-retail price spreads	636
Employment placement service, public	281	Foreign trade	648, 649, 680, 881, 883
Farmers Home Administration, loans	458	Production	679-681
Farms	911, 912	Output and marketing indexes	644, 645
Federal aid for social security and related purposes	267	Wholesale price indexes	329
Fisheries	704, 706	Animals and products (combined data):	
Forest land, area and ownership	688	Farm income	620, 625, 631-633
Fur farm and grazing leases, public lands	189	Foreign trade	648, 649, 881, 883
Governmental units	403	Indexes:	
Highway projects, Federal-aid	548	Output and marketing	644, 645
Hospital facilities	78	Prices received by farmers	631
Households or families	48	Spot market prices	323
Housing characteristics	910	Revenue freight carried by railroads	567
Imports and exports	915	Sold, value	620, 625
Insurance, business	483	Animals, domestic ( <i>see also</i> individual classes):	
Internal revenue	373, 380	Butchered and sold	679
Lawyers	150	Car loadings of	568
Manufactures, summary	916	Farm expenditures for	637, 638
Marriages and divorces	72-74	Farm income	633
Mineral production	717, 738, 740, 914	Foreign trade	649, 881, 883
Municipal parks, summary	194	Grazing:	
National forests	695	Districts, animal-units-months of use	188
Payments from receipts of	697	National forests	696
Sportsman-trapper users, game killed, etc.	192	Inspected and slaughtered	679, 680
Newspapers, number and circulation	524	Inventories, national wealth	323, 324
Old-age and survivors insurance	273, 490	Number and value, on farms	675-677
Physicians	75	States	676, 677
Population	8, 10, 12-14, 23, 24, 28, 29, 44, 48, 907	Territories and possessions	912
Characteristics	44, 907-909	Output and marketing indexes	644-646
Postal service	513	Prices:	
Prisoners	153	Local and Chicago markets	675, 677, 679
Public assistance	267, 287-291	Wholesale indexes	329
Public lands	185, 186, 188, 189	Receipts and shipments at stockyards	678
Railroads	565	Annuities. <i>See</i> Pensions, annuities, etc.	
Savings and loan associations	461	Announcements	74
Sawtimber	689-692	Antimony	715, 719
School-lunch program	86	Alaska, production and value	914
Schools and education	112, 115-120, 126-128, 133, 135, 136, 908, 911	Apparel and related products ( <i>see also</i> Knit goods):	
Service industries	864, 855	Advertising	861, 862
Soil conservation districts	608	Consumers' price indexes	332, 333, 335
Trade (business)	832-835, 844, 845, 916, 917	Corporation income tax returns	382, 383
Unemployment insurance	276-278	Manufacture:	
Veterans, Federal expenditures	254	Average hours and earnings	228
Vital statistics	58, 66, 69, 70, 910	Concentration of employment and output	776, 785, 787
Vocational rehabilitation	295	Contribution to national income	307
Albania:		Puerto Rico	918
Comparative international statistics	925-928, 943-948	Employees	209, 214, 222, 223, 776, 777, 785, 788
Trade with U. S.	896	Expenditures for plant and equipment	790
U. S. citizens naturalized from	102		
Alcohol, denatured	796		
Alcoholic beverages. <i>See</i> Liquors and beverages.			
Alfalfa hay and seed	651		



	Page		Page
Apparel—Continued		Asia:	
Manufacture—Continued		Immigration and emigration.....	89, 92-94, 96, 100
Fuels and electric energy consumed, cost.....	790	Trade with U. S. ....	892, 896, 897, 903, 904
Injury-frequency and severity rates.....	234	U. S. citizens naturalized from.....	102
Inventories.....	792	Asparagus:	
Production.....	804-806	Acreage, production, and value.....	669
Indexes.....	775	Canned.....	794, 795, 850
Puerto Rico.....	920, 921	Asphalt:	
Size of establishment.....	788	Bitumens (native), production and value.....	714
Summary.....	776, 777, 788	Production and value.....	729
Unemployment insurance.....	279	Products, shipments.....	809
Water use.....	793	Summary, petroleum asphalt.....	731
Work stoppages.....	238	Assemblers (farm products), wholesale trade.....	846-849
Personal expenditures for.....	308, 315	Athletic goods. <i>See</i> Sporting, etc., goods.	
Retail trade:		Atomic Energy Commission:	
Average hours and earnings.....	230	Assets and liabilities.....	453
Commercial failures.....	503	Employment.....	394
Employees.....	211, 220, 221, 836, 838	Expenditures.....	184, 185, 367, 369, 751
Inventories.....	830	Land and buildings.....	184, 185
Summary and sales.....	828	Research and development.....	371
Territories and Puerto Rico.....	829, 834, 836-839	Atomic energy program:	
Unemployment insurance.....	916, 922	Costs, investment, employment.....	541
Wholesale trade.....	846-849	Expenditures, federal.....	242
Commercial failures.....	503	Research and development.....	541
Employees.....	847, 849	Summary.....	542
Price indexes.....	329	Auctioneers' establishments.....	852
Appeals, U. S. Courts of.....	145	Australia:	
Appendectomy, prices, cities.....	334	Comparative international statistics.....	925-930,
Appendix, historical.....	960, 961	Exchange rates.....	932-948
Appendix, weights and measures.....	952	Gold and foreign exchange holdings.....	940
Apples:		Immigration and emigration.....	93, 94, 96
Canned.....	794, 795, 850	Passports issued to.....	95
Consumption.....	84	Trade with U. S. ....	898, 903, 904
Prices, farm and parity.....	634	U. S. citizens naturalized from.....	102
Production and value.....	652, 670	U. S. international investments.....	868
Appliances, household ( <i>see also</i> Electric ma- chinery, etc., and Housefurnishings):		Austria:	
Exports.....	821	Aid by U. S. Government.....	870, 877
Manufacture:		Comparative international statistics.....	925-948
Excise taxes.....	372	Exchange rates.....	940
Puerto Rico.....	921	Gold and foreign exchange holdings.....	939
Summary.....	780, 781	Immigration and emigration.....	89, 92-94, 96
Retail trade.....	828-830, 836-839	Trade with U. S. ....	895
Consumer credit.....	464	U. S. citizens naturalized from.....	102
Sales and retail value.....	822	Automobile service and repair:	
Shipments, value.....	821	Corporation income tax returns.....	384, 385
Apportionment of membership in House of Rep- resentatives.....	350	Employees.....	220-223, 852, 853
Apricots:		Injury-frequency and severity rates.....	234
Canned.....	794, 795, 850	Summary and receipts.....	852, 853, 855
Production and value.....	652	Territories and Puerto Rico.....	917, 922
Arabia, trade with U. S. ....	899	Unemployment insurance.....	280
Architecture, degrees conferred.....	130	Automobiles. <i>See</i> Motor vehicles.	
Area of—		Automotive products ( <i>see also</i> Motor vehicles, Tires and tubes, etc.):	
Continental U. S. ....	5, 8, 159, 160	Advertising.....	860-862
Cities.....	17-20	Retail trade:	
Lakes.....	161	Average hours and earnings.....	230
Parks.....	184, 191, 193-195	Commercial failures.....	508
Water.....	5, 160, 161	Corporation income tax returns.....	384, 385
Foreign countries.....	925, 926	Employees.....	211, 221, 837
Public domain.....	132, 183	Inventories.....	830
Territories, possessions, and other areas.....	8, 159, 160, 907	Summary and sales.....	828, 829, 835-837
Argentina:		Territories and Puerto Rico.....	916, 922
Aid by U. S. Government.....	877	Unemployment insurance.....	279
Comparative international statistics.....	925-938,	Wholesale trade.....	846-849
Exchange rates.....	940-948	Puerto Rico.....	922
Trade with U. S. ....	895, 903, 904	Aviation leases, public lands.....	189
U. S. international investments.....	868	Azores, trade with U. S. ....	896
Arizona. <i>See</i> State data.			
Arkansas. <i>See</i> State data.			
Army:			
Personnel.....	245, 247		
Casualties, major wars.....	247		
Army, Department of the:			
Employment, civilian.....	394		
Expenditures.....	184, 185, 243, 366, 367, 369		
Land and buildings.....	184, 185		
Procurement actions.....	243		
Property (real and personal).....	244		
Research and development.....	371		
Art works, foreign trade.....	882, 884		
Artichokes, acreage, production, and value.....	669		
Asbestos:			
Imports.....	719, 722		
Mines, production and value.....	714		
Shipments and supply.....	719		

## B

Baby food, canned.....	794
Bacon, retail prices.....	336
Bags, paper, manufacture, summary.....	776, 777
Bahamas, trade with U. S. ....	894
Bahrain, trade with U. S. ....	897
Bakery products ( <i>see also</i> Cereal and bakery products):	
Advertising.....	890
Manufacture:	
Average hours and earnings.....	228
Concentration of employment and output.....	776,
Employees.....	785, 786
Puerto Rico.....	209, 221, 776, 777, 785
Summary.....	920
Retail trade.....	776, 777
Prices (white bread).....	833, 837
Puerto Rico.....	836
	922

	Page		Page
Balance of international payments.....	867	Barber and beauty shops.....	852
Transportation, receipts and payments.....	583	Puerto Rico.....	922
Bananas:		Barite, production and value.....	714, 719-721
Imports.....	587	Public land leases.....	189
Number of trees and production.....	912	Barley:	
Prices:		Acreage, production, and value.....	647, 651, 653, 660
Import.....	342	Alaska.....	912
Retail.....	336	Commodity Credit Corp. inventories and cost	
Bands, orchestras, entertainers, business sum-		of acquisition.....	635
mary.....	853	Exports (U. S. and world).....	647
Banking offices by insurance status.....	450	Prices, farm.....	634, 653, 660
Bankruptcies filed.....	506	Basalt, sales.....	733
Banks:		Baseball:	
All banks:		Attendance, major league.....	197
Assets and liabilities.....	437, 439, 440, 442, 443	Diamonds, municipal parks, number in.....	195
Loans and investments.....	391,	Bathing beaches, business summary.....	853
439, 440, 442, 443, 445, 454, 767		Municipal parks, number in.....	195
Banks for cooperatives:		Batteries (see also Automotive products):	
Assets and liabilities.....	453	Repair and service shops.....	852
Loans and discounts.....	453, 454, 456, 457	Shipments, value.....	821
Commercial banks.....	432, 437, 443, 449	Battlefield parks and sites, national.....	191
Mortgage loans.....	454, 455, 767	Bauxite:	
Consumer credit.....	464	Foreign trade.....	722, 742
Contributions to national income.....	307	Mines, production and value.....	715, 742
Country banks, assets and liabilities.....	444	Summary.....	720, 721, 742
Reserve requirements.....	446	Beans:	
Debits to deposit accounts.....	438	Acreage, production, and value.....	651, 655, 669
Federal home loan banks, assets and liabil-		Puerto Rico.....	912
ities.....	453, 459, 460	Canned.....	794, 795, 850
Federal intermediate credit banks:		Cold-storage holdings (lima).....	686
Assets and liabilities.....	453	Commodity Credit Corp. inventories and cost	
Loans, discounts, securities.....	453, 454, 456, 457	of acquisition.....	635
Federal land banks:		Consumption.....	84
Assets and liabilities.....	455	Federal distribution programs.....	85
Loans and discounts.....	455-457	Prices, farm.....	634, 655
Federal Reserve banks:		Parity.....	634
Assets and liabilities.....	437, 447	Beauty and barber shops.....	852
Discount rates.....	448	Bed coverings, electric.....	822
Money held for and by banks and agents.....	437	Beef:	
U. S. securities held by.....	391, 447	Cold-storage holdings.....	686
Federal Reserve System member banks:		Comm. Credit Corp. cost of acquisition.....	635
Assets and liabilities.....	444	Consumption.....	84, 680
Deposit insurance.....	450, 452	Federal distribution programs.....	85
Earnings, expenses, and dividends.....	446	Foreign trade.....	630
Loans and investments.....	444, 446	Prices:	
Reserve requirements.....	446	Retail.....	336
Reserve with Federal Reserve banks.....	444	Local and Chicago markets.....	675, 679
Suspensions.....	451	Production.....	679, 680
Foreign bank deposits.....	437, 444	Beer. See Malt liquors.	
Funds, sources and uses.....	310	Beet sugar. See Sugar.	
Insured and noninsured banks, number and		Beets (see also Sugar beets):	
deposits.....	449-451	Acreage, production, and value.....	669
Insured banks:		Canned.....	794, 795, 850
Accounts, number.....	449	Belgian Congo, trade with U. S.....	899, 903, 904
Assets and liabilities.....	449	Belgium:	
Deposits.....	449, 451, 452	Aid by U. S. Government (Belgium-Luxem-	
Disbursements to protect depositors.....	452	bourg).....	870, 877
Number.....	449-452	Comparative international statistics.....	925-948
Interest rates, short-term business loans.....	465	Exchange rates.....	940
Joint-stock land banks, loans.....	455	Gold and foreign exchange holdings.....	939
National banks:		Immigration and emigration.....	89, 92-94, 96
Assets and liabilities.....	440	Trade with U. S. (Belgium-Luxembourg).....	895,
Deposit insurance.....	450, 452	903, 904	
Earnings, expenses, and dividends.....	446	U. S. citizens naturalized from.....	102
Loans and investments.....	440	U. S. international investments.....	868
Suspensions.....	451	Bell Telephone System.....	514
Private banks.....	441	Belted, leather, manufacture, summary.....	778, 779
Suspensions.....	451	Berlin, aid by U. S. Government.....	877
Savings banks:		Bermuda, trade with U. S.....	894, 903, 904
Assets and liabilities.....	437, 441	Berries:	
Deposit insurance.....	450	Acreage, production, and value.....	652, 669
Nonfarm mortgages.....	767	Canned.....	794
Savings of individuals.....	462	Beryllium concentrate, production and value.....	715
Savings deposits in all banks.....	309	Beverage factories (see also Liquors, etc.):	
State banks:		Advertising expenditures.....	862
Assets and liabilities.....	440	Average hours and earnings.....	228
Deposit insurance.....	450, 452	Corporation income tax returns.....	381, 382
Earnings, expenses, and dividends.....	446	Employees.....	209, 776, 777
Suspensions.....	451	Production indexes (food and beverages).....	775
Suspensions.....	451	Puerto Rico.....	920
Banks and the monetary system, assets and		Summary.....	776, 777
liabilities.....	437	Beverages, nonalcoholic:	
Banks and trust companies:		Consumption.....	84
Advertising expenditures.....	862	Foreign trade.....	649, 681, 883, 887
Average hours and earnings.....	230	Wholesale price indexes.....	330
Corporation income tax returns.....	384, 385	Bicarbonates and carbonates, production.....	808
Employees.....	211, 220, 221	Bicycles and motorcycles:	
Unemployment insurance.....	279	Manufacture, summary.....	780, 781
Barbados, trade with U. S.....	894	Retail trade.....	838, 839
		Billiard, pool parlors.....	853

	Page
Bills vetoed, congressional	354
Biological sciences, degrees conferred	130
Births and birth rates. <i>See</i> Vital statistics.	
Blacksmith shops:	
Employees	221, 863
Summary	853
Blast furnaces. <i>See</i> Iron and steel and products.	
Blind persons:	
Public assistance	286-289
Schools for	131
Vocational rehabilitation	294, 295
Blouses, women's and misses', production	805
Blueprinting, photocopying services	852
Boats. <i>See</i> Ships and Shipbuilding.	
Bolivia:	
Aid by U. S. Government	873, 877
Comparative international statistics	925-930, 932-948
Exchange rates	940
Gold and foreign exchange holdings	939
Trade with U. S.	895, 903, 904
Bolts, nuts, rivets, etc.:	
Domestic shipments	815
Exports	816
Bonds:	
Prices, yields, sales, and issues	392, 466-473, 497
U. S. savings	309, 390-392, 462, 630
Bonus payments, veterans	255
Book and job printing:	
Summary	778, 779
Union wage rates and hours, indexes	233
Bookbinding and related industries, summary	778, 779
Employees	210, 221, 778, 779
Hours and earnings	229
Books, etc.:	
Copyrights	526
Foreign trade	882, 884
In libraries	131
Published	526
Retail trade	838, 839
Puerto Rico	922
Sales and receipts by manufacturers	525
Wholesale trade	848, 849
Boots. <i>See</i> Footwear.	
Boron minerals, production and value	714
Bowling alleys	167, 853
Excise taxes	372
Boxes, paper, manufacture ( <i>see also</i> Containers):	
Average hours and earnings	228
Concentration of employment and output	776, 785, 786
Employees	209, 776, 777, 785
Puerto Rico	920
Summary	776, 777
Boy Scouts, membership and units	292
Brazil:	
Aid by U. S. Government	873, 877
Comparative international statistics	925-948
Exchange rates	940
Gold and foreign exchange holdings	939
Trade with U. S.	895, 903, 904
U. S. international investments	868
Bread. <i>See</i> Bakery products.	
Brick, tile, and terra-cotta products:	
Manufacture:	
Average hours and earnings	229
Production and shipments	811
British Africa, trade with U. S.	898, 899, 903, 904
British Commonwealth. <i>See</i> United Kingdom.	
British Guiana, trade with U. S.	895
British Honduras, trade with U. S.	894
British Malaya, trade with U. S.	897, 903, 904
British Oceania, trade with U. S.	898
British Somaliland, trade with U. S.	899
Broadcast systems. <i>See</i> Radio and Television.	
Broccoli, acreage, production, and value	669
Brokers, dealers, and agents:	
Average hours and earnings	230
Bank loans	439
Corporation income tax returns	384, 385
Number	211, 221
Wholesale trade	846-849
Puerto Rico	922
Bromine, production and value	714
Brussel sprouts, acreage, production, and value	669
Buckwheat, acreage, production, value, and farm prices	653

	Page
Building construction and trades. <i>See</i> Construction industry.	
Building materials:	
Advertising	861
Cost indexes	750
Exports	816
Retail trade	828-830, 835-839
Corporation income tax returns	384, 385
Employees	220, 221, 837, 839
Territories and Puerto Rico	916, 922
Wholesale trade	846-849
Corporation income tax returns	384, 385
Price indexes	329-331, 749
Building operations	745-759
Buildings. <i>See</i> Construction industry and dwellings and dwelling units.	
Buildings, Federal	183-185
Bulgaria:	
Comparative international statistics	925-928, 932-938, 941-948
Immigration and emigration	89, 92-94, 96
Trade with U. S.	896
U. S. citizens naturalized from	102
Burlaps:	
Import prices	842
Imports	886
Burma:	
Aid by U. S. Government	872, 876
Comparative international statistics	925-930, 932-948
Exchange rates	940
Gold holdings	939
Trade with U. S.	897
Bus transportation ( <i>see also</i> Motor transportation), summary	570-573
Buses, motor	570-573
Travel and speed	556, 559
Business and commerce, degrees conferred	130
Business and repair services ( <i>see also</i> Service industries):	
Advertising expenditures	862
Corporation income tax returns	384, 385
Employees	210, 221, 223, 852, 853
Territories and possessions	907, 922
Failures	503
Injury-frequency and severity rates	234
Puerto Rico	922
Summary and receipts	852, 853, 855
Unemployment insurance	280
Business enterprises ( <i>see also</i> individual types of business and industry):	
Bankruptcies filed	506
Concerns, number	487, 488, 502, 504
Surviving to specified age	502
Expenditures:	
Investment, private domestic	303
Plant and equipment	484, 497, 498
Research and development	499, 500
Failures	502-504
Financial data	438, 489, 491-493, 500
Funds, sources and uses	310
Loan rates	465
Loans, veterans'	259
Mergers and acquisitions	505
New and discontinued businesses	487
Patents and designs	499
Receipts	488
Sales, inventories, and orders	500, 501
Transfers and new incorporations	487
Butter ( <i>see also</i> Dairy products):	
Cold-storage holdings	686
Commodity Credit Corp. loans, inventories, and cost of acquisition	635
Consumption	84
Farm products sold	680, 681
Manufacture	681
Prices, retail	336
Butterfat, farm prices and sales	682
Parity prices	634

C

Cabbage, acreage, production, and value	669
Retail prices	336
Cadmium, imports and supply	719
Cafeterias, caterers. <i>See</i> Eating and drinking places.	
California. <i>See</i> State data.	

	Page		Page
Calves:		Cash rent, farms.....	637
Butchered and sold.....	679	Castings, shipments and unfilled orders.....	817, 818
Farm income (cattle and calves).....	633	Exports.....	816
Inspected and slaughtered.....	679	Castor beans, Commodity Credit Corp., inven-	
Prices:		tories and cost of acquisition.....	635
Farm and parity.....	634	Casualties ( <i>see also</i> Accidents and fatalities),	
Local and Chicago markets.....	675, 677, 679	major wars.....	247
Receipts and shipments.....	678	Casualty insurance.....	482, 483
Cambodia:		Cattle ( <i>see also</i> Cows):	
Aid by U. S. Government.....	872, 876	Butchered and sold.....	679
Comparative international statistics.....	925,	Farm income.....	633
926, 932-934, 943, 944, 947, 948		Inspected and slaughtered.....	679
Cameras. <i>See</i> Photographic apparatus, etc.		Number on farms.....	675, 676
Cameroon, trade with U. S.....	898	Territories and possessions.....	912
Campaign expenditures and receipts, elections.....	359, 360	Prices:	
Camping, picnicking, etc., National forests.....	192	Farm and parity.....	634
Camps, sporting and recreational.....	853	Local and Chicago markets.....	675, 677, 679
Canada:		Receipts and shipments.....	678
Aid by U. S. Government.....	870, 873	Canilflower, acreage, production, and value.....	669
Comparative international statistics.....	925-948	Celery, acreage, production, and value.....	669
Exchange rates.....	940	Cement:	
Expenditures by U. S. residents for travel.....	99	Foreign trade.....	587, 722, 732, 882, 884
Gold and foreign exchange holdings.....	939	Manufacture:	
IOA expenditures for commodities from.....	878	Average hours and earnings.....	229
Immigration and emigration.....	94, 96	Consumption of coal.....	725
Insurance, business.....	483	Employees.....	210, 778, 779
Passports issued to.....	99	Output per man-hour.....	226
Trade with U. S.....	890, 891, 903	Production and value.....	714, 732
U. S. citizens naturalized from.....	102	Comparative international statistics.....	937, 938
U. S. international investments.....	868, 869	Puerto Rico.....	914
U. S. resident aliens.....	98	Summary.....	778, 779
Canada and Newfoundland, immigration and		Wholesale price indexes.....	732
emigration.....	93, 100	Cemeteries, National.....	330, 749
Canada, Newfoundland, and Labrador, trade		Federal expenditures.....	191
with U. S.....	894, 904	Center of population.....	9
Canal Zone:		Central American countries ( <i>see also</i> each coun-	
Altitudes.....	164	try):	
Area.....	8, 159, 160, 907	Immigration and emigration.....	93, 94, 96, 100
Banks.....	442	Trade with U. S.....	894, 904
Date of accession.....	159	U. S. citizens naturalized from.....	102
Insurance, life.....	483	U. S. international investments.....	868
Mineral production.....	914	Cereal and bakery products, prices:	
Population and characteristics.....	8, 907, 908	Farm-to-retail price spreads.....	636
Schools and education.....	116-120,	Retail indexes.....	337
126-128, 135, 136, 908, 911		Wholesale indexes.....	329
Trade with U. S.....	894	Cereals ( <i>see also</i> individual cereals):	
Canals, freight carried:		Acreage, production, and value.....	651
New York State.....	590	Consumption.....	84
Panama Canal.....	591	Ceylon:	
Principal.....	590	Aid by U. S. Government.....	876
St. Marys Falls.....	590	Comparative international statistics.....	925-930,
Canary Islands, trade with U. S.....	898	932-938, 940-948	
Candy and candy stores. <i>See</i> Confectionery.		Exchange rates.....	940
Cane sugar. <i>See</i> Sugar.		Trade with U. S.....	897, 903, 904
Canning and preserving industry:		Chain stores, sales.....	828, 829
Average hours and earnings.....	228	Cheese:	
Carryover, pack, supply, and shipments.....	795	Cold-storage holdings.....	686
Concentration of employment and output.....	776,	Commodity Credit Corp. inventories and cost	
785, 789		of acquisition.....	635
Employees.....	209, 776, 777, 785	Consumption.....	84
Output per man-hour.....	226	Prices:	
Products:		Import and export.....	342
Fish.....	708-710, 795	Retail.....	336
Poultry.....	683	Wholesale.....	681
Vegetables and fruits.....	794, 795	Production.....	681
Puerto Rico.....	920	Chemicals and allied products:	
Summary.....	776, 777	Foreign aid.....	878
Cantaloupes, acreage, production, and value.....	669	Foreign trade.....	882, 884, 890, 891
Capital issues.....	471-473	Dutiable imports and duties.....	900
Capital punishment. <i>See</i> Executions.		Manufacture:	
Capital stock:		Concentration of output.....	778, 786
Banks.....	439-441, 447, 455	Contribution to national income.....	807
Corporations.....	491	Puerto Rico.....	918
Electric utilities.....	535	Corporation income.....	382, 383, 493
Gas utility and pipeline industry.....	540	Corporation income tax returns.....	382, 383
Telegraph carriers.....	517	Corporation sales, profits, and dividends.....	495
Car loadings, railway.....	568	Employees.....	210, 214, 220, 222, 223, 778, 779, 788
Carbon and graphite products, shipment value.....	821	Expenditures:	
Carbon dioxide (natural), production and value.....	714	Advertising.....	862
Cargo tonnage. <i>See</i> Tonnage.		Plant and equipment.....	498, 790
Carnivals, circuses, business summary.....	853	Firms, mergers and acquisitions.....	505
Carpets and rugs. <i>See</i> Floor coverings.		Fuel and electric energy consumed, cost.....	790
Carrots, acreage, production, and value.....	669	Hours and earnings.....	229
Canned.....	794, 795, 850	Industrial failures.....	503
Cars, railway.....	564-566	Injury-frequency and severity rates.....	234
Cash registers and computing machines, ship-		Inventories.....	792
ment value.....	820	Production by kind.....	807, 808
		Production indexes.....	776

	Page
Chemicals and allied products—Continued	
Manufacture—Continued	
Puerto Rico.....	921
Sales.....	495, 807
Size of establishment.....	788
Summary.....	778, 779, 788
Synthetic organic.....	807
Unemployment insurance.....	279
Water use.....	783
Work stoppages.....	238
Wholesale trade.....	846-849
Commercial failures.....	503
Corporation income tax returns.....	384, 385
Price indexes.....	329, 749
Puerto Rico.....	922
Chemistry, degrees conferred.....	130
Cherries.....	
Canned.....	794, 795, 850
Cold-storage holdings.....	686
Production and value.....	652, 670
Chickens. <i>See</i> Poultry.	
Children ( <i>see also</i> Population and Vital statistics):	
Adoptions.....	293
Aid to, under Social Security Act.....	265, 286-291, 294
Aliens.....	97, 100
Attending school.....	105-109, 114, 116, 118, 121-123
Exceptional, special schools and classes.....	117, 123, 131
Health services.....	265, 291, 294
Juvenile delinquency.....	49, 139, 143, 147, 148, 153, 154
Number in families.....	47
Orphans.....	292
Participating in school-lunch programs.....	85, 86
Chile:	
Aid by U. S. Government.....	873, 877
Comparative international statistics.....	925-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	895, 903, 904
U. S. international investments.....	898
China or China (Taiwan):	
Aid by U. S. Government.....	872, 874, 876
Comparative international statistics.....	925-938, 941-948
Immigration and emigration.....	93, 94, 96
Trade with U. S.....	897, 903, 904
U. S. citizens naturalized from.....	102
U. S. resident aliens.....	98
Chinese, number in U. S.....	30, 33, 34
In Hawaii.....	309
Chocolate and cocoa, imports.....	887
Chromite:	
Consumption and sources of supply.....	719, 736
Foreign trade.....	722, 736
Production and value.....	715, 736
Alaska.....	914
Summary.....	736
Churches:	
Construction, value.....	748, 749, 752
Contributions to.....	52
Number and membership.....	50-52
Cigar stores and stands, retail trade.....	838, 839
Cigars and cigarettes:	
Advertising (cigarettes).....	860
Consumption per person.....	799
Manufacture:	
Average hours and earnings.....	228
Concentration of output.....	776, 787
Employees.....	209
Leaf tobacco consumed.....	798
Production, number.....	798
Puerto Rico.....	920
Summary.....	776, 777
Smoking patterns.....	798
Taxes on, internal revenue.....	372
Wholesale price indexes.....	330
Circulation of money.....	437, 438
Circulation of newspapers and periodicals.....	523, 524
Cities ( <i>see also</i> Metropolitan areas):	
Bank debits and deposit turnover.....	438
Building operations.....	749, 756-758
Business loan rates.....	465
Climatic data.....	166, 166-179
Consumers' price indexes.....	333-335, 338
Debt.....	409, 419
Dwelling units.....	750-758
Employees and payrolls.....	423, 425, 430, 431
Retirement systems.....	232, 404, 408
Supplementary wage benefits.....	232
Finances of city governments.....	404, 407-409, 419

	Page
Cities—Continued	
Governmental units.....	403, 404
Income and expenditures of families.....	315
Law enforcement.....	140-144
Lawyers.....	149
Manufacturing industry, summary.....	784
Number, by size, of population.....	20
Population, rank, area.....	17-21
Prices:	
Electricity, coal, and gas.....	333, 339, 341
Medical services.....	334
Residential rents.....	334
Stock ownership.....	474
Citizens:	
Arrivals and departures.....	98, 100
Born abroad or at sea.....	38
Naturalized.....	37, 100-102
Of voting age.....	37, 344, 355
Passports issued to.....	99
Citrus fruits:	
Consumption.....	84
Prices, retail.....	336
Production and value.....	652, 670
Territories and possessions.....	912
Civil aeronautics. <i>See</i> Air transportation.	
Civil cases and trials.....	145, 146
Civil defense, Federal expenditures.....	244, 367, 369
Civil-service employees (Federal). <i>See</i> Government.	
Civilian population.....	5, 25, 26
Abroad.....	8, 38, 39
Income by occupation group.....	322
Labor force. <i>See</i> Employment and labor force.	
Marital status.....	43, 45, 46
Mobility status.....	38, 39
Religious affiliation.....	50
Territories and possessions.....	308
Voting age.....	355, 356
Wages and salaries.....	312, 313
Clam products, canned.....	708
Clay products ( <i>see also</i> Stone, clay, etc., industry):	
Foreign trade.....	882, 884
Manufacture:	
Average hours and earnings.....	229
Employees.....	210, 222, 223, 778, 779
Output per man-hour.....	226
Production and shipments.....	811
Puerto Rico.....	921
Summary.....	778, 779
Wholesale price indexes.....	749
Clays:	
Foreign trade.....	882, 884
Mine production and value.....	714
Supply.....	710
Territories and possessions.....	914
Cleaning, dyeing, pressing, etc., establishments:	
Average hours and earnings.....	229
Commercial failures.....	503
Employees.....	211, 222, 852
Injury-frequency and severity rates.....	234
Summary and receipts.....	852
Clerical and kindred workers:	
Employment service placements, public.....	280
Income.....	317, 322
Number.....	218, 221, 224
Immigrants and emigrants.....	95
Nonwhite population.....	34
Percent distribution.....	219
Stocks owned.....	475
Vocational rehabilitation.....	294
Climatic data.....	166, 166-179
Clocks, watches, etc.:	
Foreign trade.....	821, 882, 884
Manufacture:	
Average hours and earnings.....	230
Employees.....	211, 222, 223, 780, 781
Sales and retail value.....	822
Summary.....	780, 781
Repair shops.....	853
Cloth. <i>See</i> Textile industry and Textiles.	
Clothing. <i>See</i> Apparel.	
Clover or timothy hay.....	651
Clover seed.....	651
Coal ( <i>see also</i> Petroleum and coal products):	
Annual supply and consumption of energy from.....	528
Car loadings.....	568

	Page		Page
Coal—Continued		Colleges and universities	108-112,
Consumption	724		117, 122-128, 132
Consumer class	725	Degrees conferred	129, 130
Electric utilities	536, 725	Land-grant institutions	129, 135
Railways	566, 725	Radioisotope licenses	542
Ships	725	Research and development	499, 500
Foreign aid	878	Colombia:	
Foreign trade	587, 722, 724, 882, 884, 885, 890, 891	Aid by U. S. Government	877
Export freight earnings	583	Comparative international statistics	925-948
Mines, summary and production	714, 724, 725	Exchange rates	940
Comparative international statistics (production)	937, 938	Gold and foreign exchange holdings	939
Prices:		Trade with U. S.	895, 903, 904
Export	342	U. S. international investments	868
Retail	338, 339	Colorado. See State data.	
Wholesale price indexes	329	Columbium-tantalum, production and value	716
Production indexes	712, 718	Commerce:	
Reserves, by States	727	Domestic, by rail	567, 568
Revenue freight, carried by railroads	567	By water	583, 588-590
Wholesale trade	848, 849	Foreign. See Foreign trade.	
Coal land, public, leases, permits, licenses	189	Intercoastal	583, 588-590, 593
Coal mines:		Traffic through Panama Canal	591
Accidents and fatalities	723	With Territories and possessions	915
Average hours and earnings	228, 723	Commerce and housing, Federal expenditures	368, 369
Capacity of mines, tonnage per man, etc.	724	Commercial and industrial property, locally assessed value	422
Contribution to national income	307	Commercial buildings, construction	746-750, 752, 754, 755
Corporation income tax returns	382, 383	Commercial printing, summary	778, 779
Employees	209, 222, 720, 721, 723, 724	Concentration of employment and output	785, 786
Explosives consumed	809	Puerto Rico	920
Output per man-hour	226	Commodity Credit Corporation (see also individual commodities):	
Production	714, 724, 725	Acquisition costs, inventories, and loans	634, 635
Alaska	914	Assets and liabilities	453
Summary	720, 721, 724	Expenditures	406
Unemployment insurance	279	Loans	453, 454
Coal-tar products, foreign trade	882, 884	Communication equipment, manufacture:	
Coast Guard personnel	246, 247	Average hours and earnings	230
Coastlines	159	Employees	211
Coastwise traffic	583, 588, 590, 593	Puerto Rico	921
Coats, suits, etc., manufacture:		Shipments, value	821
Concentration of employment and output	785, 787	Summary	780, 781
Employees	209	Communications industry (see also individual industries):	
Hours and earnings	228	Capital issues	471, 473
Production	805	Comparative international statistics	931, 943, 944
Puerto Rico	920	Contribution to national income	307
Summary	776, 777	Corporation income tax returns	382, 383
Cobalt	719	Employees	211
Production	715	Expenditures for new plant and equipment	498
Cocoa, coffee, etc., foreign trade	649, 881, 883, 887	Income	493
Cocoa, imports	890, 891	Taxes on, internal revenue	372
Prices	342	Unemployment insurance	279
Coconut oil:		Wage or salary disbursements	312
Production, consumption, stocks	674	Hawaii	312
Taxes on, internal revenue	372	Community Chest and United Fund, number of campaigns and amounts raised	296, 297
Cocoanuts, number of trees and production	912	Compensation, pensions, and retirement pay	
Cod:		military service	253, 254, 256, 366, 369
Fresh and frozen packaged	709	Compensation, unemployment	275-280, 387, 404, 408, 412-414
Quantity and value of catch	704, 705, 707	Concrete and plaster products:	
Coffee:		Manufacture, summary	778, 779
Acreage harvested and production	912	Employees	210
Consumption	84	Puerto Rico	921
Foreign trade	587, 850, 886, 890, 891	Wholesale price indexes	330, 749
Coffee, cocoa, etc.	649, 881, 883, 887	Condensed and evaporated milk:	
Prices:		Consumption	84
Import	342	Export prices	342
Retail	336	Production	681
Roasted and inventories	850	Confectionery:	
Coin-operated machines:		Advertising	861
Amusement, establishments, summary	853	Manufacture:	
Merchandise vending	838, 839	Average hours and earnings	228
Rental and repair services	852	Concentration of output	776
Taxes on, internal revenue	372	Employees	209, 776, 777
Coke (see also Coal):		Output per man-hour	226
Car loadings	568	Puerto Rico	920
Consumption for production of pig iron and ferroalloys	812	Summary	776, 777
Foreign trade	726	Retail trade	836, 837
Manufacture:		Puerto Rico	922
Average hours and earnings	229	Congress of Industrial Organizations	236
Consumption of coal	725	Congressional activity:	
Employees	210	Apportionment of Representatives	360
Output per man-hour	226	Bills vetoed	364
Summary	726, 778, 779	Composition of Congress, by political parties	363, 364
Production	726, 729	Measures introduced and enacted	364
Revenue freight carried by railroads	567	Connecticut. See State data.	
Wholesale price indexes	329		
Coke ovens, men employed, accidents, etc.	723, 726		
Cold-storage holdings	686		

	Page
Conservation and development.....	607, 608
Construction.....	746-748, 751
Expenditures.....	369
Construction industry (see also Building materials and Highways):	
Bank loans.....	445
Building in cities.....	749, 756-760
Commercial-industrial activities of U. S. Government.....	370
Comparative international statistics.....	931
Construction contracts awarded.....	751-755
Value indexes.....	754
Contribution to national income.....	307
Puerto Rico.....	918
Corporation income tax returns.....	382, 383, 386
Cost indexes.....	750
Dividend payments.....	383, 496
Employees.....	208, 209, 212, 213, 219-223
Territories and possessions.....	907
Employment service placements, public.....	280
Expenditures.....	745-749, 751, 759
Advertising.....	862
Government.....	407, 412, 414, 419, 751, 758
Explosives consumed in construction work.....	809
Firms:	
Number and turnover.....	487
Surviving to specified age.....	502
Hours and earnings.....	227, 228
Income.....	382, 383, 386, 493
Industrial and commercial failures.....	503
Injuries and rates.....	235
Investment, private domestic.....	303, 304, 498
Unemployment insurance.....	279
Union wage rates and hours, indexes.....	233
Wage or salary disbursements.....	312
Hawaii.....	312
Work stoppages.....	238
Construction machinery, equipment, etc.: Manufacture:	
Employees.....	210
Hours and earnings.....	230
Shipments.....	819, 820
Summary.....	780, 781
Wholesale price indexes.....	830
Wholesale trade.....	846, 847
Construction materials. See Building materials.	
Consumers:-	
Cooperatives.....	851
Credit.....	463, 464
Agencies, summary.....	852
Equipment, national wealth.....	323, 324
Expenditures.....	303-305, 308, 309, 315
Funds, sources and uses.....	310
Income.....	303
Price indexes.....	327, 331-335
Purchasing power of the dollar.....	331
Consumption. See individual commodities.	
Containers, manufacture and shipments:	
Employees.....	209
Glass.....	773, 779, 810
Metal.....	780, 781, 815, 819
Paperboard.....	776, 777
Wooden.....	776, 777
Hours and earnings (manufacturing).....	223
Containers, trade by.....	892, 894-899, 903, 904
Conveyors, shipments, value.....	820
Cooperatives:	
Consumers.....	851
Electric utilities.....	534
Farm.....	641, 642, 851
Retail trade.....	831
Service industries.....	856
Wholesale trade.....	843
Copper:	
Foreign trade.....	719, 722, 739, 885, 886, 890, 891
Manufacture:	
Castings, shipments and unfilled orders.....	818
Concentration of output.....	787
Mines, employees:	
Output per man-hour.....	226
Summary.....	720, 721
Prices.....	342, 713
Production and value.....	716, 738, 739
Alaska.....	738, 914
Public land permits.....	189
Summary.....	733, 739
Supply.....	719
Copra (see also Coconuts), import prices.....	342

	Page
Copyrights, registration.....	526
Civil cases filed and terminated in courts.....	145, 146
Employees, Federal.....	398
Cork and manufactures, foreign trade.....	881, 884
Corn:	
Acreage, production, and value.....	647, 651, 653, 658, 659
Comparative international statistics, production.....	932
Hawaii, Puerto Rico.....	912
Sweet corn.....	669
Canned.....	794, 795, 850
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635
Consumed in manufacture of liquors.....	797
Foreign trade.....	587, 647, 659
Prices:	
Export.....	342
Farm.....	634, 653, 658
Parity.....	634
Products.....	
Consumption.....	84, 674
Retail prices (corn meal).....	336
Volume of futures trading.....	466
Corporations:	
Assets and liabilities.....	489, 491, 492
Government corporations, etc.....	453
Capital issues.....	471-473
Capital stock.....	491
Debt.....	389
Dividend payments.....	381, 383, 385, 470, 492, 494-496
Employees (industrial).....	489
Expenditures, advertising.....	862
Farm land owned.....	612
Funds, sources and uses.....	310, 497
Income tax, internal revenue receipts.....	368
.....	359, 372, 373, 381-383, 404, 405, 411, 413, 415
Income tax returns:	
Analysis of receipts, deductions, profits, etc.....	492
Assets classes.....	492
Net income and income tax.....	381-386, 492-494
Receipts, net income, and tax, by industrial divisions and industries.....	382, 386
Summary.....	381
Inventories.....	491, 497, 500, 501
Number (nonmanufacturing).....	438
Pension funds, summary.....	274
Prices, sales, and yields of stocks and bonds.....	467
Profits.....	488, 489, 491, 492, 494-496
Receipts.....	381-386, 488, 492
Retail trade.....	831
Sales.....	489, 492, 495, 501
Service industries.....	856
Wholesale trade.....	843
Correspondence schools. See Education.	
Cosmetics, perfumery, etc. See Toilet preparations.	
Costa Rica:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925-930
.....	932-936, 939-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	894
Cost-of-living indexes.....	327, 332-335, 631
Comparative international statistics.....	929, 930
Cotton:	
Acreage, production, and value.....	647, 651, 654, 664, 665
Comparative international statistics, production.....	934
Output and marketing indexes.....	644, 645
Puerto Rico.....	912
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635
Consumption.....	664, 801, 803
Farm income (lint and seed).....	632
Farms, number.....	620, 621
Foreign-aid shipments.....	878
Foreign trade.....	587, 647, 649, 664, 881, 883, 885, 890, 891
Export indexes.....	648
Linters, consumption and stocks.....	802
Prices:	
Farm.....	634, 654, 665
Indexes.....	631
Parity.....	634
Import and export.....	342
Stocks in consuming establishment.....	802
Volume of futures trading.....	466





	Page
Denmark—Continued	
Immigration and emigration.....	89, 92-94, 96
Trade with U. S.....	895
U. S. citizens naturalized from.....	102
Density of population.....	5, 14
Comparative international statistics.....	925, 926
Territories, possessions, and other areas.....	907
Dental inspections (children).....	291
Dentistry degrees conferred.....	130
Dentists.....	75, 220
Charges and personal expenditures for.....	76
Comparative international statistics.....	945, 946
Income.....	322
Prices, tooth filling, cities.....	334
Department stores:	
Consumer credit.....	464
Corporation income tax returns.....	384, 385
Indexes of sales and stocks.....	827, 842
Puerto Rico.....	922
Summary and sales.....	828-830, 836-839, 842
Deposits. <i>See</i> Banks.	
Desert land entries of public lands.....	187
Detective agencies.....	852
Diamonds, imports.....	722
Diaper service industry.....	852
Direct selling (house-to-house).....	838, 839
Disability, compensation and allowances, veterans'.....	253, 254, 256, 257
Disability Insurance Trust Fund.....	274
Disabled persons, public assistance.....	286-289
Vocational rehabilitation for.....	294, 295
Discount rates of Federal Reserve banks.....	448
Diseases:	
Deaths from.....	68, 69
Immunization service.....	291
Mental.....	79-82
Reportable.....	82, 83
Dishwashers, sales and retail value.....	822
Disinfecting and exterminating service.....	852
Displaced persons.....	96
Distilled liquors. <i>See</i> Liquors.	
District Courts, U. S.....	145-148
District of Columbia. <i>See</i> State data.	
Dividends:	
Banks.....	446, 470
Common stocks.....	470
Communication systems.....	494, 515, 517
Corporations.....	381, 383, 385, 470, 492, 494-496
Electric power.....	494
Individual income tax returns.....	378, 379
Insurance.....	476
National and personal income.....	305, 306
Public utilities.....	383, 470, 494, 496
Railway stock.....	470, 494, 564
Divorce. <i>See</i> Marriage and divorce.	
Divorced persons. <i>See</i> Marital status.	
Domestic commerce. <i>See</i> Commerce.	
Domestic service workers:	
Contribution to national income.....	307
Employment service placements, public.....	280
Income.....	322
Number.....	218, 223, 224
Immigrants and emigrants.....	95
Nonwhite population.....	34
Percent distribution.....	219
Dominican Republic:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925-930, 932-948
Exchange rates.....	840
Gold and foreign exchange holdings.....	839
Trade with U. S.....	894, 903, 904
Drainage on farms and drainage enterprises.....	606
Dresses, manufacture:	
Concentration of employment and output.....	785, 787
Production.....	805
Driers, sales and retail value.....	822
Drinking places. <i>See</i> Eating and drinking places.	
Drive-in theaters.....	857
Drug laws:	
Civil cases filed and terminated in courts.....	145, 146
Offenses.....	139, 143, 144, 147, 148, 153, 154
Drug stores:	
Commercial failures.....	803
Corporation income tax returns.....	384, 385
Retail trade, summary and sales.....	828,
	829, 835, 838, 839
Employees.....	839

	Page
Drug stores—Continued	
Retail trade, summary and sales—Continued	
Inventories.....	830
Territories and Puerto Rico.....	916, 922
Drugs and medicines:	
Advertising.....	861
Expenditures and charges for.....	76
Foreign trade.....	881-884
Manufacture:	
Employees.....	210, 778, 779
Hours and earnings.....	229
Puerto Rico.....	921
Summary.....	778, 779
Wholesale trade.....	846-849
Price indexes.....	329
Puerto Rico.....	922
Dry goods:	
Retail trade.....	830, 836-839
Wholesale trade (dry goods, piece goods).....	848, 849
Commercial failures.....	503
Puerto Rico.....	922
Duplicating, addressing, mailing, stenographic services.....	852
Durable goods and industries ( <i>see also individual goods and industries</i> ):	
Consumers' equipment, value.....	323, 324
Manufacture:	
Average hours and earnings.....	227-229
Corporation sales, profits, and dividends.....	495
Employees.....	209, 214, 221-223
Expenditures for plant and equipment.....	497, 498
Production indexes.....	770, 774, 775
Sales, inventories, and orders.....	501
Stock prices.....	469
Personal consumption expenditures.....	303, 304, 308
Producers' equipment:	
Investment.....	303, 304
Value.....	323, 324
Retail trade, sales.....	501, 828, 829
Chain stores and mail-order houses.....	828
Inventories.....	501
Wholesale trade, sales and inventories.....	501, 843
Dutiable merchandise, imports:	
By economic classes.....	902
By tariff schedules.....	900, 901
Summary.....	879, 900, 902
Duties on imports. <i>See</i> Customs receipts.	
Dwellings and dwelling units ( <i>see also</i> Households and families):	
Construction:	
Expenditures or value.....	746-752, 758, 759
Indexes.....	750, 754
Publicly owned.....	749, 751, 758
New units.....	756, 757, 759, 760
Units started.....	758, 759
Consumers' cooperatives.....	851
Equipment:	
Appliances, household.....	822
Heating equipment and fuel.....	765, 822
Lighting equipment, plumbing facilities, water supply, etc.....	639, 764, 765
Radio and television.....	522, 822
Refrigeration.....	765, 822
Farm.....	746-748, 762, 763, 765
Inventory, components of change.....	758
Loans, veterans'.....	259, 758
Mortgaged.....	490, 764, 765-768
Nonfarm (urban and rural).....	746-749,
	756-760, 762, 763, 765, 766
Assessed values.....	422
Characteristics.....	759, 760
Number of rooms.....	765
Median.....	765
Owner-occupied.....	760, 762-764
Personal expenditures.....	308, 315
Population per unit.....	762
Public housing.....	264, 751, 758, 769
Race or color of occupants.....	762-764
Tenure.....	760, 762, 763, 766
Territories, possessions, and other areas.....	907, 910
Type of structure.....	749, 758, 765
Vacancy.....	761, 763
Value or rental value.....	764, 766
Year built.....	763, 764
Dyeing and cleaning establishments. <i>See</i> Cleaning, dyeing, pressing, etc.	
Dyeing and finishing textiles, manufacture:	
Average hours and earnings.....	228
Employees.....	209, 776, 777
Summary.....	776, 777, 801

	Page		Page
<b>E</b>		<b>E</b>	
Earnings. <i>See</i> Profits, salaries, wages, etc., and individual industries.		Eggplant, acreage, production, and value.	669
Earths, earthenware, etc., dutiable imports.	900	Eggs ( <i>see also</i> Poultry):	
Eating and drinking places:		Cold-storage holdings.	686
Commercial failures.	503	Commodity Credit Corp. loans, inventories, and cost of acquisition.	635
Corporation income tax returns.	384, 385	Consumption.	84
Employees.	220, 221, 337	Farm income (poultry and eggs).	633
Summary and sales.	823-830, 834, 836, 837	Foreign aid.	878
Territories and Puerto Rico.	916, 922	Prices:	
Unemployment insurance.	279	Export.	342
Economics, degrees conferred.	130	Farm.	634, 633
Ecuador:		Parity.	634
Aid by U. S. Government.	877	Retail.	336
Comparative international statistics.	925-948	Wholesale indexes.	329
Exchange rates.	940	Processing.	633
Gold and foreign exchange holdings.	939	Production.	683, 684
Trade with U. S.	895	Sold.	680, 685
Education:		Volume of futures trading.	466
Comparative international statistics.	945, 946	<b>Egypt:</b>	
Debt, State and local governments.	409, 410	Aid by U. S. Government.	871, 876
Elementary and secondary schools:		Comparative international statistics.	925-948
Attendance.	114, 118, 121	Exchange rates.	940
Enrollment.	105-109, 114-116, 118, 121-123	Gold and foreign exchange holdings.	939
Projections.	107	Trade with U. S.	898, 903, 904
Expenditures.	104, 114, 120, 122, 123, 408, 411	<b>Eire. <i>See</i> Ireland.</b>	
High schools:		<b>Elections:</b>	
Enrollment.	107-109, 122, 123	Campaign expenditures and receipts.	350, 360
Projections.	107	Congressional.	344, 345, 349, 351, 352, 356
Graduates.	110-112, 118, 122, 125	Gubernatorial.	356, 357
Kindergartens.	109, 122, 123	Persons of voting age:	
Negro.	121	Citizens.	37, 344, 355
Number.	117	Civilians.	355, 356
Private (or nonpublic).	109, 117, 121, 123	Presidential.	344-348, 356
Retention rates.	125	<b>Electric light and power industry:</b>	
Salaries.	114, 119, 122	Balance sheet and income account.	635
Schoolhousing.	115	Capacity of generating plants, installed.	529
Teachers.	114, 115, 119, 121		530, 532
Employees and payrolls.	398, 423, 425-428, 430, 431	Federal projects.	534
Expenditures:		Construction.	746, 747, 750, 751
Federal Government.	124,	Consumers' cooperatives.	851
129, 133, 135, 136, 253, 254, 260, 264, 266, 267, 369,		Consumption of fuel.	536, 725
406-408, 411, 412, 751		Contribution to national income.	307
Personal.	308	Corporation income tax returns.	382, 383
State and local governments.	124,	Electric energy:	
129, 133, 407, 408, 411, 412, 414, 417, 419		Comparative international statistics.	935, 936
Institutions of higher education:		Consumption.	528
Debt, State governments.	410	Production.	528, 529, 531, 532, 536
Degrees conferred.	125, 127, 129, 130	Projections of requirements.	528
Enrollment.	105, 106, 108, 109, 123-127, 129, 132	Sales.	536, 537
Extensions and correspondence.	125, 129, 132	Employees.	425, 430, 431
Junior colleges.	123-125	Federal projects.	534
Summer schools.	132	Hours and earnings.	230
Expenditures.	123, 124, 128, 129, 414, 417	Injury-frequency and severity rates.	234
Faculty.	124, 125, 127	Local government enterprise.	404, 408, 412, 419
Graduates.	110-112, 122, 125, 130	Number of systems and generating plants.	534
Physicians and dentists.	130	Ownership, class of.	529-531, 534
Income.	124, 128, 129	Profits and dividends.	494
Junior colleges.	123-125	Unemployment insurance.	279
Land-grant.	129	<b>Electric machinery apparatus, and supplies</b>	
Negro.	125, 129	( <i>see also</i> Machinery):	
Normal schools and teachers' colleges.	125	Foreign trade.	882, 884, 890, 891
Number.	117, 124, 125, 127	Manufacture:	
Property, value.	128	Concentration of output.	780
Public and private.	109, 117, 123, 125	Contribution to national income.	307
Retirement system.	404, 408	Corporation income tax returns.	382, 383
Revenue.	404, 413	Employees.	211, 214, 222, 223, 780, 781, 789
School districts, number.	403	Excise taxes.	372
School-lunch programs.	85, 86, 135, 136, 265, 406	Expenditures:	
School years completed.	110-113	Advertising.	862
Labor force.	111	Plant and equipment.	498, 790
Median.	110, 112	Firms, mergers and acquisitions.	505
Median income for males by.	108, 111	Fuel and electric energy consumed, cost.	790
Nonwhite population.	34	Hours and earnings.	230
Schools, by type:		Injury-frequency and severity rates.	234
Enrollment.	108, 109, 124	Inventories.	792
By color.	108	Puerto Rico.	921
Number.	117	Shipments, value.	815, 820, 821
Special milk programs.	85	Size of establishments.	789
Special schools and courses:		Summary.	780, 781, 789
For exceptional children.	117, 123, 131	Unemployment insurance.	279
U. S. Service Academies.	126-128, 135	Water use.	793
Vocational, Federally aided.	132-135, 258, 406	Work stoppages.	238
Stocks ownership by educational level.	474	Retail trade.	836, 837
Territories, possessions, etc.	112,	Wholesale trade.	849-849
117-120, 126-128, 133, 134, 136, 908, 911		Employees.	847, 849
Veterans.	136, 253-255, 258	Price indexes.	330
Educational buildings, construction.	746-749, 751, 752	Puerto Rico.	922
		Electric railways. <i>See</i> Railways, electric.	

	Page
Electrical repair shops.....	853
Puerto Rico.....	922
Electricity ( <i>see also</i> Fuel and lighting):	
Availability on farms.....	537, 539
Consumption by railways.....	566
On farms.....	636
Prices:	
Retail.....	338-341
Wholesale, indexes.....	329
Production and sales.....	529, 531, 532, 536
Elevators and escalators, shipments, value.....	820
El Salvador:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925-930, 932-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	894, 903, 904
Emery, production and value.....	714
Emigration. <i>See</i> Immigration and emigration.	
Employment and labor force ( <i>see also</i> individual industries or occupations):	
Age, sex, and race.....	202-205, 207, 214, 215, 218-223
Sixty-five years and over.....	269
Agencies or services.....	275, 280, 281, 852
Cities.....	423, 425, 430, 431
Civilian labor force.....	198, 202, 203, 205-207, 219
Marital status of women in.....	214, 215
Nonwhite population.....	34
Not covered by old-age and survivors insurance.....	270
Part-time workers.....	206
Sixty-five years and over.....	269
Territories, possessions, etc.....	907, 919
Class of worker.....	218, 225
Comparative international statistics.....	929
.....	930, 935, 936
Covered by:	
Old-age and survivors insurance.....	270, 489, 490
Railroad retirement system.....	282
Unemployment insurance.....	275, 276, 279, 280
Distribution by States.....	207, 212, 213, 224, 225, 640
Employee bankruptcies filed.....	506
Farm. <i>See</i> Agriculture.	
Federal government. <i>See</i> Government.	
Indexes.....	208
Industry groups.....	198, 203, 205, 208-214
Concentration in manufacturing.....	785
Hours and earnings.....	227-232
Injuries and rates.....	234, 235
Occupational groups.....	202, 218-225
Income level.....	322
Nonwhite employees.....	34
Participation rates.....	204
Projections.....	204
Public expenditures for employment security administration.....	265-267, 407, 412-414, 425
State and local government.....	423-427, 430, 431
Status.....	198, 203, 206, 207, 215, 219
Mobility.....	39
Nonwhite population.....	34
Supplementary wage benefits.....	232
Taxes.....	369, 372, 373
Territories, possessions, etc.....	907, 919
Women employees.....	214, 215
Work stoppages.....	237-239
Years of school completed.....	111
Energy, electric. <i>See</i> Electric light and power industry.	
Engineering, degrees conferred.....	130
Engineers and scientists.....	398
Engines, turbines, etc., manufacture:	
Average hours and earnings.....	230
Employees.....	210
Shipments, value.....	820
Summary.....	780, 781
England ( <i>see also</i> United Kingdom), immigration and emigration.....	93, 94, 96
English, degrees conferred.....	130
Entertainment and recreation services ( <i>see also</i> Recreational areas and activities and Amusements):	
City enterprise.....	408, 411, 412, 419, 430, 431
Consumers' price indexes.....	332, 333
Employees.....	219, 220, 223
Territories, possessions, etc.....	907, 922
Motion picture theaters, summary.....	857
Personal expenditures.....	195, 308, 315
Puerto Rico.....	922
Unemployment insurance.....	280

	Page
Envelopes, manufacture, summary.....	776, 777
Epileptics and defectives.....	79-81
Escarole, acreage, production, and value.....	669
Estate and gift taxes.....	369
Estonia:	372, 387, 388, 404, 405, 411, 413
Immigration.....	92, 94, 96
Trade with U. S.....	896
U. S. citizens naturalized from.....	102
Ethiopia:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925, 926, 932-938, 941-948
Trade with U. S.....	899
Europe:	
Aid by U. S. Government.....	870, 871, 877
ICA expenditures for commodities from.....	878
Immigration and emigration.....	92-94, 99, 100
Passports issued to.....	99
Trade with U. S.....	890-892, 895, 896, 903, 904
U. S. citizens naturalized from.....	102
U. S. international investments.....	868, 869
Evaporated milk. <i>See</i> Condensed and evaporated milk.	
Excess profits taxes.....	381
Exchanges ( <i>see also</i> Security dealers and exchanges):	
Foreign exchange rates.....	940
Gold and foreign exchange holdings.....	939
Securities.....	466-468
Excise tax.....	368, 369, 372
Puerto Rico.....	917
Executions, prisoner.....	151, 155
Executive service (Federal):	
Employment.....	393-395
Expenditures.....	367, 370
Expenditures. <i>See</i> individual subjects.	
Expenditures of organizations attempting to influence national legislation.....	360
Expenditures of State and local governments. <i>See</i> individual governmental units.	
Expenditures of U. S. Government:	
Aid to foreign countries.....	866, 869-874, 876-878
Aid to State and local governments.....	266, 267, 406, 407, 412, 413, 416
Airport program.....	406, 579
Atomic energy program.....	242
By departments and establishments.....	253, 368, 367
By function.....	366, 368-370, 406, 408, 411
Civil defense.....	244
Construction projects.....	407, 748, 751, 758
Educational etc., purposes. <i>See</i> Education.	
Electric power projects.....	534
Farms.....	369, 631, 632
Fish and wildlife restoration.....	406
Food distribution programs.....	85, 295, 406
Forests.....	406, 693, 695, 696
International organizations.....	948, 949
Land and buildings.....	182-185
Military services.....	242, 243, 369
Procurement actions.....	243
National security.....	240, 242, 304, 368, 369
Payments to the public.....	368
Payrolls.....	393, 398, 423
Public debt, interest on.....	366, 367, 370, 407, 408, 411
Public roads.....	370, 406, 408, 411, 413, 547-549, 552
Purchases of goods and services.....	303, 304
Research and development.....	371, 499, 500
Social insurance and related purposes.....	260, 264-268, 277, 287, 406
Summary (chart).....	365
Veterans. <i>See</i> Veterans affairs.	
Vocational rehabilitation.....	265, 295, 406
Explosives:	
Foreign trade.....	882, 884
Sold.....	809
Export-Import Bank:	
Assets and liabilities.....	453
Employment.....	395
Expenditures.....	367
Loans to foreign governments.....	874
Exports. <i>See</i> Foreign trade.	
Extension schools. <i>See</i> Education.	
Extreme points from geographic center of Continental U. S.....	160
Eye glasses, prices, cities.....	384

	Page
F	
Factories. <i>See</i> Manufacturing industry.	
Failures ( <i>see also</i> Bankruptcies and Foreclosures):	
Bank.....	451
Industrial and commercial.....	502-504
Falkland Islands, trade with U. S.....	895
Families. <i>See</i> Households or families.	
Fans, shipments, value.....	820, 821
Sales and retail value.....	822
Far East:	
Aid by U. S. Government.....	877
ICA expenditures for commodities from.....	878
U. S. passports issued to.....	99
Farm Credit Administration agencies:	
Assets and liabilities.....	453, 455
Employment.....	395
Expenditures.....	367
Loans and discounts.....	453-457
Farm families:	
Level-of-living index.....	636
Living expenditures.....	637
Off-farm income.....	630
Farm implements and machinery. <i>See</i> Agricultural implements, etc.	
Farm loan and governmental agencies, capital issues.....	472
Farm mortgage loans:	
By Farm Credit Administration agencies.....	453-457
By Farmers Home Administration.....	453-455, 458
By principal lenders.....	454-458
Held by commercial banks.....	439, 443, 454, 455
Interest payable.....	455, 631
Mortgage debt outstanding.....	766
Number and debt.....	389, 628-630
Veterans' guaranteed and insured.....	259
Farm output and marketing, indexes.....	644-646
Farm prices, indexes.....	610, 631
Farm products. <i>See</i> Agricultural products.	
Farm supplies:	
Retail trade.....	830, 836-839
Wholesale trade.....	848, 849
Farmers and farm workers:	
Bankruptcies filed.....	506
Number.....	198, 202, 203, 205, 216, 218-220, 223, 640
By States.....	224, 225, 640
Immigrants and emigrants.....	95
Nonwhite population.....	34
Percent distribution.....	219
Sixty-five years and over.....	269
Off-farm income.....	630
Stocks owned.....	475
Wages or income.....	215-217, 312, 313, 317, 322, 631, 632, 636, 638, 640
Indexes.....	216
Farmers' cooperatives.....	641, 642, 851
Farmers Home Administration:	
Assets and liabilities.....	453
Loans made and outstanding.....	453-455, 458
Farms ( <i>see also</i> Agricultural products):	
Acreage.....	601, 615, 618, 626
By ownership.....	612
By States, summary.....	613-615
By utilization.....	612-614
Cropland.....	612, 613, 618
Crops harvested ( <i>see also</i> individual crops).....	645, 650-655, 657, 658, 660-663, 665-669, 672
Economic class.....	622
Irrigated.....	601-603
Territories and possessions.....	911
Assets and liabilities.....	630
By color and tenure of operator.....	626, 627
Commercial and noncommercial.....	622, 623
Commercial forest land on.....	688
Construction, expenditures.....	746-748
Contribution to national income.....	306, 307
Credit.....	454-458
Debt.....	628-630
Drainage.....	606
Dwellings.....	746-748, 762, 763, 765
Economic class.....	622, 623
Electricity used on.....	637, 636, 639
Expenditures.....	610, 631, 633, 636-638, 640
Facilities on.....	636, 639
Foreclosures, bankruptcies, etc.....	611
Funds, sources and uses.....	310
Households or families.....	47

	Page
Farms—Continued	
Income.....	306, 307, 313, 493, 620, 622-625, 631-633, 636
Government payments.....	631, 632
Median.....	318-321
Off-farm income.....	630
Injuries.....	234, 235
Insurance.....	633
Inventories.....	498, 500
Investment, gross private domestic.....	498
Irrigation.....	165, 601-605
Level-of-living index.....	636
Mortgaged farms.....	628, 629
Number.....	611, 615, 618-623, 626
Territories and possessions.....	911
Output, per man-hour.....	226, 645
Part-time and residential.....	622, 623
Population.....	23, 25, 27, 30, 611
Mobility status.....	39, 611
Size.....	618, 619
Structures and land, national wealth.....	323, 324
Summary.....	611
Taxes.....	633, 637
Assessed values.....	422
Delinquent.....	611
Payable per acre.....	631
Transfers of ownership.....	611
Type.....	620, 621
Unemployment insurance.....	279
Value of farm products sold.....	620, 622-625
Value of farm property:	
Assessed values.....	422
Implements and machinery.....	611, 638
Indexes.....	611, 617
Land and buildings.....	611, 616, 617, 626, 630
Livestock.....	630, 675, 677
Territories and possessions.....	911
Wage or salary disbursements.....	312
With television sets.....	522
Fatalities. <i>See</i> Accidents and fatalities.	
Fats. <i>See</i> Oils and also Lard.	
Federal banks. <i>See</i> Banks.	
Federal Civil Defense Agency, employment.....	394
Federal corporations and credit agencies, summary of assets and liabilities.....	453
Federal courts, law enforcement, and prisons.....	139-148, 151-155
Federal Deposit Insurance Corporation:	
Assets and liabilities.....	453
Banks insured by.....	449-452
Disbursements to protect depositors.....	452
Employment.....	395
Federal employees, civil. <i>See</i> Government.	
Federal estate tax.....	387, 388
Federal Farm Mortgage Corporation, assets and liabilities.....	453
Federal Government finances. <i>See</i> Receipts and Expenditures, U. S. Government.	
Federal National Mortgage Association.....	453, 459, 767
Federal real property.....	183-185
Outside Continental U. S.....	185
Federal Reserve notes.....	438, 447
Federal Savings and Loan Insurance Corp.:	
Assets and liabilities.....	453
Insured institutions, summary.....	460
Feed:	
Concentration of output.....	786
Farm expenditures for.....	637, 638
Farm output indexes.....	645
Foreign aid.....	878
Foreign trade.....	649, 881, 883
Indexes.....	648
Prices, indexes, farm.....	631
Retail trade.....	830, 838, 839
Feldspar, production and value.....	714
Fermented malt liquors. <i>See</i> Malt liquors.	
Ferroalloys:	
Foreign trade.....	813, 816, 882, 884, 890, 891
Production.....	812, 813
Fertility. <i>See</i> Population.	
Fertilizers:	
Consumption.....	641
Expenditures:	
Farm.....	637, 638
Foreign aid.....	878
Foreign trade.....	587, 882, 884, 886
Manufacture:	
Average hours and earnings.....	310
Employees.....	210

	Page		Page
Fertilizers—Continued		Flax, hemp, and ramie, and manufactures, for-	
Manufactures—Continued		algae trade.....	881, 883
Puerto Rico.....	921	Flaxseed.....	
Summary.....	778, 779	Acreage, production, and value.....	654
Plant food content.....	641	Commodity Credit Corp. loans, inventories,	
Wholesale price indexes.....	329	and cost of acquisition.....	635
Figs, canned.....	794	Prices, farm.....	634, 654
Filberts and hazelnuts, production and value.....	652	Parity.....	634
Filipinos, number.....	34	Flood control and navigation, Federal land.....	184
Naturalized.....	100	Floor coverings:	
Filling stations:		Manufacture:	
Construction.....	749	Employees.....	209, 776, 777
Corporation income tax returns.....	384, 385	Hours and earnings.....	228
Employees.....	220, 221, 837	Output indexes.....	774
Retail trade.....	828-830, 835-837	Puerto Rico.....	920
Territories and Puerto Rico.....	918, 922	Summary.....	776, 777
Unemployment insurance.....	279	Retail trade.....	836, 837
Finance. <i>See respective subjects.</i>		Wholesale price indexes.....	330
Finance, insurance, and real estate:		Florida. <i>See State data.</i>	
Advertising expenditures.....	862	Florists.....	836, 837
Commercial-industrial activities of U. S. Gov-		Flounder:	
ernment.....	370	Fresh and frozen packaged.....	709
Contribution to national income.....	307	Quantity and value of catch.....	705, 707
Puerto Rico.....	918	Flour ( <i>see also Grain-mill products</i> ):	
Corporation income tax returns.....	384-386	Commodity Credit Corp. inventories and cost	
Dividend payments.....	385, 496	of acquisition.....	635
Employees.....	208, 211-213, 219-221	Concentration of output.....	786
Territories, possessions, etc.....	907	Consumption.....	84
Employment service placements, public.....	280	Foreign trade.....	587
Firms:		Prices:	
Number and turnover.....	487	Export.....	342
Surviving to specified age.....	502	Retail.....	336
Income.....	384-386, 493	Production, by States.....	656
Unemployment insurance.....	279	Flour and grain mills. <i>See Grain-mill products.</i>	
Wage or salary disbursements.....	312	Flow of funds.....	310
Hawaii.....	312	Fluorspar.....	714, 719-721
Work stoppages.....	238	Fodder. <i>See Feed and Hay.</i>	
Fine arts, degrees conferred.....	130	Food and Agriculture Organization (FAO),	
Finland:		budget and member assessments.....	947, 948
Aid by U. S. Government.....	870	Food and liquor stores:	
Comparative international statistics.....	925-948	Average hours and earnings.....	230
Exchange rates.....	940	Commercial failures.....	503
Gold and foreign exchange holdings.....	939	Employees.....	211
Immigration and emigration.....	89, 92-94, 96	Unemployment insurance.....	279
Trade with U. S.....	896, 903, 904	Food and tobacco, personal consumption expen-	
U. S. citizens naturalized from.....	102	ditures.....	308
Fire and fire losses.....	482, 692, 693	Food distribution programs (Federal).....	85, 86, 265, 466
Fire departments. <i>See Public safety.</i>		Food-products machinery, shipments, value.....	820
Fire insurance.....	483, 633	Food products manufacturing industry:	
Firearms:		Canned foods.....	794
Accidents caused by.....	71	Concentration of output.....	770, 786
Imports.....	884	Contribution to national income.....	307
Manufacturers' excise taxes.....	372	Puerto Rico.....	918
Fish ( <i>see also individual species</i> ):		Corporation income.....	382, 383, 493
Canning and preserving.....	708-710, 795, 850	Corporation income tax returns.....	382, 383
Cold-storage holdings.....	686	Corporation sales, profits, and dividends.....	495
Consumption.....	84, 718	Employees.....	209, 214, 222, 223, 776, 777, 788
Foreign aid.....	878	Expenditures:	
Foreign trade.....	710, 718, 881, 883	Advertising.....	862
Quantity and value of catch.....	704-707	Plant and equipment.....	498, 790
Retail trade.....	836, 837	Firms, mergers and acquisitions.....	505
Wholesale trade.....	846, 847	Frozen foods.....	681, 683, 686, 708-710
Fish meal, production and value.....	709	Fuel and electric energy consumed, cost.....	790
Fish oils, production and value.....	674, 709	Hours and earnings.....	228
Fishermen (recreation).....	192, 197	Industrial and commercial failures.....	503
Fishery industry:		Injury-frequency and severity rates.....	234
Corporation income tax returns.....	382, 383	Inventories.....	792
Employees.....	223, 704	Production indexes.....	775
Employment service placements, public.....	280	Puerto Rico.....	920
Establishments (shore).....	704	Sales.....	495
Products.....	704, 708-710	Size of establishments.....	788
Summary of catch and value.....	703-706	Summary.....	776, 777, 788
Unemployment insurance.....	279	Unemployment insurance.....	279
Vessels employed.....	704	Water use.....	793
Fishing and hunting:		Work stoppages.....	238
Duck stamps issued (Federal).....	196	Food waste disposers.....	822
Licenses, number and cost.....	196	Foods and foodstuffs ( <i>see also individual com-</i>	
National forests.....	192	modities):	
Five-and-ten-cent stores. <i>See Variety stores.</i>		Advertising.....	860-862
Flax:		Consumption.....	84, 718
Acreage, production, and value.....	651	Expenditures.....	315
Commodity Credit Corp. loans, inventories,		Foreign aid.....	878
and cost of acquisition.....	635	Foreign trade.....	718, 881, 883, 885, 886, 888-891, 902
Consumption by mills.....	800	Quantity and value indexes.....	889
Import prices.....	342	Manufacture, summary.....	776, 777, 788
Flax, hemp, and jute, dutiable imports and		Puerto Rico.....	920
duties.....	901		

	Page		Page
<b>Foods and foodstuffs—Continued</b>		<b>Foreign trade—Continued</b>	
Prices:		Reexports of foreign merchandise.....	879, 880
Consumers' price indexes.....	332, 333, 335	Summary:	
Farm indexes.....	631	Tonnage.....	582, 583, 591, 592
Retail.....	336	Value.....	879, 880
Indexes.....	337, 338	Territories, possessions, etc.....	915
Purchasing power of the dollar.....	331	Value of selected commodities.....	885, 886, 890, 891
Wholesale indexes.....	327, 329-331	Vessels engaged in.....	582, 584, 592, 593
Production.....	718	Forest fires.....	693
Indexes, comparative international sta- tistics.....	929, 930	Expenditures for control.....	693
Retail trade ( <i>see also</i> Food and liquor stores):		Forest products ( <i>see also</i> individual products):	
Corporation income tax returns.....	384, 385	Car loadings.....	568
Employees.....	220, 836, 838	Consumption.....	718
Inventories.....	830	Farm income.....	620, 625
Summary and sales.....	828, 829, 834, 836-839	Farms, number.....	620
Territories and Puerto Rico.....	916, 922	Foreign trade.....	718, 881, 884-886, 890, 891
Supply, comparative international statistics.....	927, 928	Manufacture:	
Wholesale trade.....	846-849	Corporation income tax returns.....	382, 383
Commercial failures.....	503	Industrial failures.....	503
Corporation income tax returns.....	384, 385	Production.....	697-702, 718
		Summary.....	776, 777
<b>Footwear:</b>		Revenue freight carried by railroads.....	567
Manufacture:		Sold, value.....	620, 625
Average hours and earnings.....	229	Value (national forests).....	696
Concentration of employment and output.....	778, 785, 786	Forestry:	
Employees.....	210, 778, 779, 785	Communication (radio).....	519
Production.....	505	Corporation income tax returns.....	382, 383
Puerto Rico.....	921	Degrees conferred.....	130
Summary.....	778, 779	Employees.....	220
Retail trade.....	829-830, 836, 837	Employment service placements, public.....	280
Puerto Rico.....	922	Unemployment insurance.....	279
Wholesale price indexes.....	329	Forests:	
<b>Foreclosures:</b>		Commercial:	
Farm real estate.....	611	Area and ownership.....	688
Nonfarm real estate.....	707	Sawtimber.....	689-691
Foreign assets, net.....	323, 324	Mortality, by cause.....	692
Foreign-born population.....	30, 32, 33, 35-37	Land:	
By country of birth.....	36	Acreage and ownership.....	184, 612, 683
Of Alaska, Hawaii, and Puerto Rico.....	909	National wealth.....	323
Foreign capital issues in U. S.....	471	National:	
Foreign exchange holdings.....	939	Area and land purchases.....	694, 695
Foreign exchange rates.....	940	Forest tree distribution program.....	695, 696
Foreign grants and credits:		Grazing.....	696
By country.....	870-873	Payments and receipts.....	406, 696, 697
By type of program.....	866, 869, 874, 875	Recreational use.....	192
Foreign mails:		Roads and trails, timber cut.....	696
Revenues, expenditures.....	510	Formosa (Taiwan), trade with U. S.....	897
Volume.....	512	Foundations, A. American.....	298
<b>Foreign trade (<i>see also</i> individual countries, com- modities, etc.):</b>		Foundries, manufacture:	
Agricultural and nonagricultural products.....	887	Average hours and earnings.....	229
Agricultural products.....	646-649	Concentration of employment and output.....	778, 785, 787
656, 659, 663, 664, 671, 718, 890, 891		Employees.....	210
Government-financed programs.....	647	Summary.....	778, 779
Indexes.....	648	<b>Fowls. <i>See</i> Poultry.</b>	
Balance of international payments.....	867	<b>France:</b>	
Balance of trade.....	867, 879-880	Aid by U. S. Government.....	870, 877
By coastal districts.....	584, 587	Comparative international statistics.....	925-948
By commodity groups.....	718, 881-886, 890, 891	Exchange rates.....	940
By continents.....	892, 894-899, 903, 904	Gold and foreign exchange holdings.....	939
By countries.....	894-899, 903, 904	Immigration and emigration.....	89, 92-94, 96
By customs districts.....	893	Trade with U. S.....	895, 903, 904
By economic classes of commodities.....	888, 889, 902	U. S. citizens naturalized from.....	102
Indexes.....	889	U. S. international investments.....	868
By nationality of carrier.....	582, 584-586	Fraternal orders, insurance.....	479
By ports.....	588	Free merchandise imports.....	879, 900, 902
Great Lakes.....	583, 589	Freeze, occurrence in selected cities.....	166
By trade area.....	585, 586	Freezers, sales and retail value.....	822
Comparative international statistics.....	935, 936	Freight traffic. <i>See</i> Air Transportation, Canals, Railways, Rivers, and Waterways.	
Dry and tanker cargoes.....	582-587	French Africa, trade with U. S.....	898
Export prices.....	342	French Equatorial Africa, trade with U. S.....	898
Indexes.....	889	French Guiana, trade with U. S.....	895
Freight carried on Mississippi River.....	590	French Morocco. <i>See</i> Morocco.	
Freight earnings and payments.....	583	French Pacific Islands, trade with U. S.....	898
Gold and silver.....	879	French Somaliland, trade with U. S.....	899
Import prices.....	342	French West Africa, trade with U. S.....	898
Indexes.....	889	French West Indies, trade with U. S.....	894
Imports for consumption, summary.....	879, 903	Frozen foods:	
Dutiable, by tariff schedules.....	900, 901	Animal products.....	681, 683, 686
Duties.....	879, 900, 904	Cold-storage holdings.....	686
Imports, free and dutiable.....	879, 900, 902, 903	Consumption.....	84
Imports withdrawn from warehouse.....	879	Fish.....	686, 708-710
Lend lease.....	874	Fruit cocktail, canned.....	795, 850
Merchandise, total (incl. reexports).....	879,	<b>Fruits:</b>	
890, 892-899		Acreage, production, and value.....	652, 670
Mineral products ( <i>see</i> individual products).		Canned.....	794, 795, 850
Per capita.....	879, 900	Cold-storage holdings.....	686
Quantity, price, and value indexes.....	889	Consumption.....	84
		Dried, Commodity Credit Corp. loans.....	635

	Page
<b>Fruits—Continued</b>	
Federal distribution programs.....	85
Foreign trade.....	649
Prices:	
Farm.....	670
Indexes.....	631
Retail.....	336
<b>Fruits and nuts:</b>	
Acreage, production, and value.....	650, 652
Farm income.....	620, 624, 633
Farms, number.....	620, 621
Foreign aid.....	878
Foreign trade.....	881, 883, 885, 886
Output and marketing indexes.....	644, 645
Sold, value.....	620, 624
<b>Fruits and vegetables:</b>	
Canning, preserving, and freezing, summary.....	776, 777, 794, 795
Wholesale distributors stocks.....	850
Foreign trade, export indexes.....	648
Prices:	
Farm-to-retail price spreads.....	636
Retail indexes.....	337
Wholesale indexes.....	329
Retail trade.....	836, 837
Puerto Rico.....	822
Wholesale trade.....	846-849
<b>Fuel (see also individual classes):</b>	
Advertising.....	861
Annual supply and consumption of energy from.....	528
Consumption by—	
Manufacturing industries.....	725, 727, 790
Ships.....	725, 727
Transportation.....	553, 566, 574, 575, 725, 727
Utilities.....	530, 725, 727
Electric energy generated by.....	529, 531, 536
Foreign aid.....	878
Foreign trade.....	718, 722, 882, 884-886, 890, 891
Production indexes.....	712, 718
Retail trade.....	838, 839
Summary.....	714, 718, 720, 721, 728-730
Value of production.....	712-714, 715
Wholesale price indexes.....	331
<b>Fuel and lighting, price indexes:</b>	
Consumers.....	332, 333
Retail.....	338
Wholesale.....	329
<b>Fuel oils:</b>	
Annual supply and consumption of energy from.....	528
Consumption.....	536, 563, 566, 574, 575, 727
Foreign trade.....	587, 722, 730
Price indexes:	
Retail.....	338
Wholesale.....	329
Production.....	729, 730
Retail trade.....	838, 839
Funds, flow of.....	310
Funeral services, crematories.....	852
Puerto Rico.....	922
Fur farm leases, public lands (Alaska).....	189
Furnaces, blast. See Iron and steel products.	
Furnishing goods, house. See Housefurnishings.	
Furnishings, men's. See Apparel.	
<b>Furniture:</b>	
Advertising.....	860
Manufacture:	
Contribution to national income.....	307
Corporation income tax returns.....	382, 383
Employees.....	209, 214, 221-223, 776, 777, 785, 788
Expenditures:	
Advertising.....	862
Plant and equipment.....	790
Fuel and electric energy consumed, cost.....	790
Hours and earnings.....	228
Injury-frequency and severity rates.....	234
Inventories.....	792
Output indexes.....	774, 775
Puerto Rico.....	920
Size of establishments.....	788
Summary.....	776, 777, 788
Unemployment insurance.....	270
Water use.....	793
Work stoppages.....	238
Retail trade:	
Commercial failures.....	503
Consumer credit.....	494
Corporation income tax returns.....	384, 385

	Page
<b>Furniture—Continued</b>	
Retail trade—Continued	
Employees.....	220, 221, 836, 838
Expenditures, advertising.....	802
Hours and earnings.....	230
Inventories.....	830
Summary and sales.....	828, 829, 834, 836, 838
Territories and Puerto Rico.....	916, 922
Wholesale trade.....	846-849
Price indexes.....	330
<b>Furs and fur goods:</b>	
Foreign trade.....	881, 883, 886
Manufacture, summary.....	776, 777
Repair and storage shops, summary.....	852
Retailers' excise tax.....	372
<b>Futures trading, volume of trading.....</b>	466

## G

Gadsden Purchase.....	159, 180, 182
Game killed by hunters.....	192
Games, toys, etc.:	
Foreign trade.....	882, 884
Manufacture, summary.....	780, 781
Puerto Rico.....	921
Wholesale price indexes.....	330
<b>Garages:</b>	
Construction.....	749
Service establishments.....	852, 855
Territories and Puerto Rico.....	917, 922
Garlic, acreage, production, and value.....	669
Garnet (abrasive), production and value.....	714
Gas (see also Petroleum and gas wells):	
Consumption by electric utilities.....	536
Customers, sales, and revenues.....	538, 539
Gas mains, mileage.....	541
Manufactured:	
Customers, sales, and revenues.....	538, 539
Retail prices.....	341
Natural:	
Annual supply and consumption of energy from.....	528
Consumption.....	727, 728
Customers, sales, and revenues.....	538, 539, 728
Industry, summary.....	730, 721
Liquids, production and value.....	728, 729
Production and value.....	714, 728, 729
Reserves.....	538
Retail prices.....	341
Prices:	
Retail.....	341
Indexes.....	338
Wholesale, indexes.....	329
Wells drilled.....	731
Gas and electric utilities:	
Consumption of gas and fuel oils.....	727
Contribution to national income.....	307
Employees.....	211
Price indexes:	
Consumer.....	332, 333
Retail.....	338
Gas utility industry:	
Balance sheet and income account.....	540
Construction.....	746, 747, 750
Customers, sales, and revenues.....	538, 539, 728
Employment and payroll.....	425, 430, 431
Gas mains, mileage.....	541
Local government enterprise.....	404, 408, 412, 419
Prices, selected cities.....	341
<b>Gasoline:</b>	
Advertising (gasoline, lubricants, etc.).....	860, 861
Natural:	
Industry, summary.....	720, 721
Production and value.....	714, 728-730
Runs to stills.....	729
Stocks.....	730
Refined:	
Consumption (civil aeronautics).....	574, 575
Prices:	
Export.....	342
Retail.....	730
Production.....	730
Taxes (see also Motor-vehicle taxes, etc.):	
Manufacturers' excise.....	372
Rates.....	553
State (motor fuels).....	413, 415
Gasoline service stations. See Filling stations.	
Gems and precious stones, foreign trade.....	722, 884
Production, value.....	714

	Page		Page
General merchandise, retail trade:		Government—Continued	
Average hours and earnings	230	Employees—Continued	
Commercial failures	503	Local government	220, 423-425, 430, 431
Corporation income tax returns	384, 385	State	220, 423-425
Employees	211, 220, 837, 839	State and local (combined data), number	211, 423-427
Expenditures, advertising	862	Territories and possessions	907
Inventories	830	Funds, sources and uses	310
Summary and sales	828, 829, 834, 836-839	Land. <i>See</i> Public lands.	
Territories and Puerto Rico	916, 922	Organization chart of U. S. Government	304
Unemployment insurance	279	Puerto Rico	917, 919
General Services Administration, assets and liabilities	453	Purchases of goods and services	308, 304
General stores	836, 837	Research and development	371, 499
Geographic data	159-164	Structures:	
Geography, degrees conferred	130	National wealth	323, 324
Geology, degrees conferred	130	Number and cost	183-185
Georgia. <i>See</i> State data.		Wages and salaries:	
Germany:		Annual rate of pay	423
Aid by U. S. Government	870, 877	Hawaii	313
Comparative international statistics	925-948	National income	306
Exchange rates	940	Personal income	313
Gold and foreign exchange holdings	939	Work stoppages (administration, protection, and sanitation)	238
Immigration and emigration	89, 92-94, 96	Government corporations and credit agencies, assets and liabilities	453
Trade with U. S.	895, 903, 904	Government finance. <i>See</i> individual items and governmental units.	
U. S. citizens naturalized from	102	Gozo, Malta, and Cyprus Islands, trade with U. S.	896
U. S. international investments	868	Grain ( <i>see also</i> individual classes):	
U. S. resident aliens	98	Acreage, production, and value	651
Ghana (Gold Coast):		Output and marketing indexes	644, 645
Aid by U. S. Government	877	Car loadings	508
Comparative international statistics	946-948	Consumption	54
Trade with U. S.	898, 903, 904	Farm income	633
Gibraltar, trade with U. S.	896	Farms, cash-grain	620, 621
Gift, novelty, souvenir shops, retail trade	838, 839	Foreign aid	878
Wholesale trade	848, 849	Foreign trade	587, 649, 881, 883, 890, 891
Gift taxes. <i>See</i> Estate and gift taxes.		Export freight earnings	583
Girl Scouts, membership and units	292	Indexes	648
Glass ( <i>see also</i> Stone, clay, and glass products):		Prices:	
Foreign trade	882, 884	Farm indexes	631
Manufacture:		Wholesale indexes	629
Employees	210, 778, 779	Retail trade (hay, grain, feed)	838, 839
Hours and earnings	229	Storage facilities, Federal expenditures	751
Puerto Rico	921	Used in manufacture of liquors	797
Summary	778, 779	Grain-mill products, manufacture:	
Wholesale price indexes	330	Average hours and earnings	228
Glassware:		Concentration of output	776
Manufacture, summary	778, 779	Employees	209, 776, 777
Output per man-hour	226	Output per man-hour	226
Production and shipments	810	Summary	776, 777
Gloves, leather, manufacture, summary	778, 779	Granite, sales	733
Goats, number on farms, Territories and possessions	912	Grapefruit:	
Gold:		Canned	794, 795, 850
Circulation and monetary stock	437, 438	Prices, farm and partly	634
Foreign trade	787, 879	Production and value	652, 670
Holdings, comparative international statistics	939	Puerto Rico	912
Production and value	716, 737, 738	Grapes, production and value	652, 670
Alaska	914	Graphite ( <i>see also</i> Carbon and graphite products), mines, production and value	714
Reserve against U. S. notes	437	Gravel. <i>See</i> Sand, gravel, etc.	
Summary	720, 721, 737	Grazing:	
Gold Coast. <i>See</i> Ghana.		Districts, permitted operators, and use	188
Golf courses, business summary	853	Land, acreage	612
Municipal parks, number in	195	Federal	184
Government ( <i>see also</i> Expenditures of U. S. Government and Receipts, and individual governmental units):		Livestock on national forests, and receipts	696
Commercial-industrial activities	370	Public lands, leases	189
Comparative international statistics	931	Great Britain. <i>See</i> United Kingdom.	
Contribution to national income	307	Great Lakes commerce	583, 584, 589
Puerto Rico	918	Fisheries	704, 708
Employees:		Greece:	
All classes	208, 211-213, 218-220, 222, 223, 225	Aid by U. S. Government	871, 876
Employment service placements, public	280	Comparative international statistics	925-948
Federal, civil:		Exchange rates	940
Injury cases	399	Gold holdings	939
Number	211, 220, 393-399, 423, 424	Immigration and emigration	89, 92-94, 96
Accessions and separations	396	Trade with U. S.	880
By agency	394, 395, 397	U. S. citizens naturalized from	102
By annual rate of pay	423	U. S. resident aliens	98
By area	396, 397	Greenland:	
By compensation authority	398	Passengers, arrivals and departures	100
By occupation groups	398	Trade with U. S.	894
By sex	396	Greensand. <i>See</i> Marl.	
By type of position	393	Greeting cards, manufacture, summary	778, 779
With veteran preference	399	Grindstones and pulpstones, production and value	714
Payrolls	393, 398, 423		
Persons examined, passed, and appointed	393		
Retirement	265,		
	266, 268, 284, 367, 404, 408		
Workman's compensation payments	285, 286		



	Page
Groceries:	
Retail trade.....	828-830, 836-839
Puerto Rico.....	922
Wholesale trade.....	846-849
Puerto Rico.....	922
Gross national product. <i>See</i> National product or expenditures.	
Ground water used in continental U. S.....	165
Groundfish, imports.....	710
Guam:	
Altitudes.....	164
Area.....	8, 159, 160, 907
Banks.....	442
Broadcast stations.....	520
Commerce.....	915
Date of accession.....	159
Population and characteristics.....	8, 907-909
Savings and loan associations.....	461
School-lunch program.....	86
Schools and education.....	116-120, 126, 127, 908, 911
Stone and gravel production.....	914
Guatemala:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925-930, 932-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	894, 903, 904
Gums. <i>See</i> Naval stores, gums, etc.	
Gypsum and gypsum products:	
Imports and supply.....	587, 719
Production and value.....	714, 734
Summary.....	734
Wholesale price indexes.....	330, 749
<b>H</b>	
Haddock:	
Fresh and frozen packaged.....	709
Quantity and value of catch.....	704, 705, 707
Hair and manufactures, foreign trade.....	881, 883
Haiti:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925, 926, 932-936, 941-948
Trade with U. S.....	894
Hake, quantity and value of catch.....	707
Halibut, imports.....	710
Hams, bacon, etc., retail prices.....	336
Handbags, manufacture, summary.....	210, 778, 779
Puerto Rico.....	921
Handicapped schools.....	131
Harbors. <i>See</i> Waterways, etc.	
Hardware:	
Manufacture, summary.....	780, 781
Retail trade:	
Alaska and Hawaii.....	916
Corporation income tax returns.....	384, 385
Employees.....	220, 221, 837
Inventories.....	830
Summary and sales.....	828, 829, 835-837
Wholesale trade.....	846-849
Corporation income tax returns.....	384, 385
Price indexes.....	330, 749
Puerto Rico.....	922
Hats:	
Cleaning establishments, summary.....	852
Hats (except cloth and millinery), manufacture:	
Employees.....	209
Hours and earnings.....	228
Summary.....	776, 777
Millinery industry:	
Manufacture:	
Average hours and earnings.....	228
Employees.....	209
Summary.....	776, 777
Retail trade.....	836, 837
Hawaii:	
Adoptions.....	293
Airports, aircraft, etc.....	579
Aliens naturalized.....	102
Altitudes.....	164
Area.....	8, 159, 160, 907
Banks.....	442
Broadcast stations.....	520
Climatic data.....	166-179
Commerce.....	915
Date of accession.....	159
Dentists.....	75

Hawaii—Continued	
Employment and labor force.....	207
Employment placement service, public.....	281
Farmers Home Administration, loans.....	458
Farms.....	911, 912
Federal aid for social security and related purposes.....	267
Forest tree distribution program.....	695
Foundations.....	298
Governmental units.....	403
Highway projects, Federal-aid.....	547, 548
Hospital facilities.....	78
Households or families.....	48
Housing characteristics.....	910
Insurance, business.....	483
Internal revenue.....	373, 380
Lawyers.....	150
Manufactures, summary.....	916
Marriages and divorces.....	72-74
Mineral production.....	717, 914
Municipal parks, summary.....	194
Newspapers, number and circulation.....	524
Old-age and survivors insurance.....	273, 490
Personal income.....	311-314
Physicians.....	75
Population.....	8, 10, 12-14, 23, 24, 26, 28, 29, 44, 48, 907
Characteristics.....	44, 907-909
Postal service.....	513
Public assistance.....	267, 287-291
Railroads.....	565
Savings and loan associations.....	461
School-lunch program.....	86
Schools and education.....	112, 115-120, 126-128, 133, 134, 136, 908, 911
Service industries.....	854, 855
Soil conservation districts.....	671, 913
Sugar production.....	516
Telephone systems.....	832-835, 844, 845, 916, 917
Trade (business).....	276-278
Unemployment insurance.....	254
Veterans, Federal expenditures.....	58, 66, 69, 70, 910
Vital statistics.....	295
Vocational rehabilitation.....	
Hay:	
Acreage, production, and value.....	651, 655, 668
Output indexes.....	645
Farm income.....	633
Prices:	
Farm.....	636, 655, 668
Wholesale indexes (hay, seeds).....	329
Retail trade (hay, grain, feed).....	833, 839
Health and medical services:	
By type.....	77, 291, 294
Comparative international statistics.....	945, 946
Consumers' cooperatives (prepayment plans).....	851
Consumers' price indexes.....	332, 833
Contribution to national income.....	307
Employees.....	398, 425-427, 430, 431
Payrolls.....	425, 428, 430
Family charges, insurance benefits.....	76
Hospitals and institutions.....	77-82
Personal expenditures.....	76, 303, 315
Prices, cities.....	334
Public expenditures.....	260, 264-267
Unemployment insurance.....	291, 406-408, 411, 412, 414, 417, 419, 751
Health, Education, and Welfare, Department of:	
Employment.....	364
Expenditures.....	367
Health insurance.....	76, 232, 480-482
Health professions, degrees conferred.....	130
Hearing aids, electric, shipments, value.....	821
Heating and/or plumbing equipment, etc.: In dwelling units.....	764, 765, 822
Manufacture:	
Employees.....	210
Hours and earnings.....	229
Output indexes.....	774
Shipments.....	819
Summary.....	780, 781
Wholesale price indexes.....	330, 749
Wholesale trade.....	846-849
Heavy water, sales.....	542
Helium, production and value.....	714
Hemp. <i>See</i> Flax, etc.	
Herring:	
Catch.....	704, 705
Imports.....	710

	Page		Page
Hides and leather products ( <i>see also</i> Leather and leather products):		Hospitals—Continued	
Foreign aid.....	878	Insurance.....	480, 481
Foreign trade.....	649, 881, 883, 886	Benefits.....	76
Import indexes.....	648	Prices per day, cities.....	334
Prices:		Public expenditures.....	81,
Import.....	342	Construction.....	265, 407, 408, 411, 412, 414, 417, 419
Wholesale indexes.....	329	Type of control and service.....	265, 406, 746-748, 751, 752
Production.....	806	Hotels:	77
Highways:		Advertising (hotels and resorts).....	861, 862
By type and control.....	545, 546, 550	Average hours and earnings of employees.....	230
Construction.....	517, 548, 550, 746-748, 750, 751	Commercial failures.....	503
Contracts awarded.....	545	Contribution to national income.....	307
Debt, State and local governments.....	410, 550	Corporation income tax returns.....	384, 385
Employees.....	425-427, 430, 431	Employees.....	211, 853, 858
Payrolls.....	428, 429, 430	Puerto Rico.....	922
Expenditures:		Summary and receipts.....	853, 858
By all authorities.....	408, 411, 746-748	Unemployment insurance.....	280
By State and local governments.....	407,	Hotels, motels, tourist courts, camps (combined data).....	853, 855
408, 411, 412, 414, 417, 419, 547, 549-552, 751		Hours and earnings:	
By U. S. Government.....	369,	Farm workers.....	215
406-408, 411-413, 547-549, 552, 751		Industrial groups.....	227-230
Federal-aid systems.....	547	Union wage rate indexes.....	233
Funds available for.....	548-550, 552	Housefurnishings ( <i>see also</i> Appliances):	
Gasoline tax rates.....	553	Consumers' price indexes.....	332, 333
Mileage.....	545-548, 550	Manufacture:	
Motor fuel consumption.....	553	Output indexes.....	774
Roads and trails, national forests.....	696, 751	Puerto Rico.....	920
Summary of construction, mileage, etc.....	550	Summary.....	776, 777
Travel.....	556	Personal expenditures for.....	315
Historic sites, National.....	184, 191	Rail trade:	
Historical appendix.....	950, 951	Advertising.....	860-862
History, degrees conferred.....	130	Consumer credit.....	404
Hogs:		Corporation income tax returns.....	384, 385
Butchered and sold.....	679	Employees.....	220, 837, 839
Farm income.....	633	Inventories.....	830
Inspected and slaughtered.....	679	Summary and sales.....	828, 829, 834, 836-839
Number on farms.....	675, 676	Territories and Puerto Rico.....	916, 922
Territories and possessions.....	912	Wholesale price indexes.....	330
Prices:		Wholesale trade.....	846-849
Farm and parity.....	634	Household operation:	
Local and Chicago markets.....	675, 677, 679	Consumers' price indexes.....	332, 333, 335
Receipts and shipments at stockyard.....	678	Personal expenditures.....	308, 315
Holding companies:		Households or families ( <i>see also</i> Dwellings and dwelling units):	
Corporation income tax returns.....	384, 385	Automobile ownership.....	559
Unemployment insurance.....	279	Characteristics.....	45-48
Home appliances. <i>See</i> Housefurnishings.		Income, expenditures, savings, and net worth.....	315,
Home economics, vocational schools.....	132-134	Medical charges and health insurance.....	316, 318, 319
Degrees conferred.....	130	Newspaper circulation.....	523
Home loan banks. <i>See</i> Banks.		Number.....	4, 45-48, 315
Home Owners' Loan Corporation, loans outstanding.....	767	By States and territories.....	48
Homes. <i>See</i> Dwellings, etc.		Population.....	45, 48
Homestead entries of public land.....	186-188	Size.....	47, 48
Homicides.....	68, 140-144, 155	Territories, possessions, and other areas.....	907, 910
Honey:		Urban and rural.....	47
Canned.....	794	With television sets.....	522
Consumption.....	84	Farms.....	636
Honduras:		Housing. <i>See</i> Dwellings, etc., and Construction industry.	
Aid by U. S. Government.....	877	Housing and community development:	
Comparative international statistics.....	925-936,	Employment and payrolls.....	425, 430, 431
939-948		Expenditures.....	369, 406, 408, 411, 412, 751
Exchange rates.....	940	Housing and Home Finance Agency:	
Gold and foreign exchange holdings.....	939	Employment.....	395
Trade with U. S.....	894	Expenditures.....	184, 185, 367
Honey, Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635	Land and buildings.....	184, 185
Hong Kong, trade with U. S.....	897	Humidity in selected cities.....	178, 179
Hoops (steel), production.....	813	Hungary:	
Hops, acreage, production, and value.....	651	Comparative international statistics.....	925-930,
Horses and mules:		932-938, 941-948	
Number on farms.....	675, 676	Emergency assistance by U. S.....	877
Territories and possessions.....	912	Immigration and emigration.....	80, 92-94, 96
Sold.....	679	Trade with U. S.....	895
Horticultural-specialty farms:		U. S. citizens naturalized from.....	102
Number.....	620	Hunters (recreation).....	192, 197
Specialties sold, value.....	620, 625, 652	Hunting and fishing:	
Hosiery:		Duck stamps issued (Federal).....	196
Manufacture:		Licenses, number and cost.....	196
Output per man-hour.....	226	National forests.....	192
Production.....	806		
Hospitals:			
Charges and personal expenditures for.....	76		
Employees.....	81, 223, 425-427, 430, 431		
Payrolls.....	425, 428, 430		
Facilities.....	77, 78		
For mental patients.....	77, 79-82		
For veterans, expenditures and patients.....	253-255,		
257, 258, 369			

Ice cream production.....	681
Ice dealers, retail trade.....	838, 839
Ice-making machines, shipments.....	823

	Page
Iceland:	
Aid by U. S. Government.....	870, 877
Comparative international statistics.....	925-930,
	932-936, 939-943
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Immigration.....	89, 92
Trade with U. S.....	895
Idaho. <i>See</i> State data.	
Illinois. <i>See</i> State data.	
Illiterates.....	113
Immigrants.....	95
Immigration and emigration:	
Aliens:	
Admissions and departures.....	90-98, 100
Excluded and deported.....	92
Naturalized.....	100-102
Reporting under address program.....	98
Twenty-one years old and over.....	37, 101
By age, sex, and occupation.....	95
By countries.....	90, 92-94, 96
Citizens, arrivals and departures.....	98, 100
Displaced persons.....	96
Illiterates admitted.....	95
Law enforcement (immigration) 139, 147, 148, 153, 154	
Nonquota immigrants.....	90, 97
Passports issued.....	99
Quota immigrants.....	89, 90, 92, 97
Refugees.....	90, 96, 97
Implements and machinery, farm. <i>See</i> Agri-	
cultural implements, etc.	
Imports. <i>See</i> Foreign trade.	
Income ( <i>see also</i> Salaries, wages and wage rates):	
Communication systems.....	509,
Corporation.....	510, 515, 517, 518, 521, 523
Disposable personal.....	381-386, 492, 493
Distribution.....	363-365, 398, 478
Families and individuals.....	315, 316, 318-320, 630
Nonwhite population.....	34
Persons 65 years and over.....	269
Territories, possessions, and other areas.....	907
Farm.....	305,
307, 312, 313, 493, 620, 624, 625, 631-633, 636	
Median.....	318-321
Off-farm income of farm families.....	630
Individuals filing income tax returns.....	376-380
Lawyers.....	149, 180, 322
Mean.....	315, 317
Median.....	302, 317-322
By years of school completed.....	108, 111
National.....	303-307
Nonwhite population.....	319
Of unemployed persons.....	322
Personal.....	304, 305, 311-314
Hawaii.....	311-314
Physicians, lawyers, and dentists.....	322
Power industries.....	535-540
Puerto Rico.....	918
Stock ownership by income level.....	474, 475
Unincorporated enterprises.....	493
Income tax. <i>See</i> Taxation.	
Income tax returns ( <i>see also</i> taxation):	
Corporation.....	381-386, 492
Individual.....	376-380
Self employment.....	376
Index numbers. <i>See</i> respective subjects.	
India:	
Aid by U. S. Government.....	872, 876
Aliens admitted to U. S.....	94, 96
Comparative international statistics.....	925-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	897, 903, 904
India rubber. <i>See</i> Rubber and rubber goods.	
Indiana. <i>See</i> State data.	
Indians:	
Federal expenditures.....	751
Government expenditures.....	135
Lands.....	182, 186, 187, 190
In farms.....	612
Number.....	30, 33, 34
Federal schools for.....	123
Indochina, aid by U. S. Government.....	877
Indonesia, Republic:	
Aid by U. S. Government.....	872, 876
Comparative international statistics.....	925-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	897, 903, 904

	Page
Industrial advertising.....	861
Industrial and commercial enterprises, failures. 502-504	
Industrial buildings, construction:	
Contracts awarded.....	752, 754, 755
Expenditures.....	746-748
Industrial communication (radio).....	519
Industrial injuries and rates, by industry groups.....	234,
	235
Industrial licenses (radioisotope).....	542
Industrial production, indexes.....	770, 774, 775
Industrial research and development.....	499, 500
Industrial securities.....	432, 460, 470
Infant deaths. <i>See</i> Vital statistics.	
Inheritance taxes. <i>See</i> Estate and gift taxes.	
Institutional population.....	49
Criminals.....	151-155
Mental defectives and epileptics.....	79-82
Institutions. <i>See</i> Hospitals.	
Instruments and related products:	
Foreign aid.....	878
Foreign trade.....	882, 884
Manufacture:	
Average hours and earnings.....	230
Concentration of output.....	780
Corporation income tax returns.....	382, 383
Employees.....	211, 214, 780, 781, 789
Expenditures:	
Advertising.....	862
Plant and equipment.....	790
Firms, mergers and acquisitions.....	505
Fuel and electric energy consumed, cost.....	790
Injury-frequency and severity rates.....	234
Inventories.....	792
Production indexes.....	775
Puerto Rico.....	921
Shipments, value (electrical measuring).....	821
Size of establishments.....	789
Summary.....	780, 781, 789
Unemployment insurance.....	279
Water use.....	793
Work stoppages.....	238
Wholesale trade.....	848, 849
Insurance business ( <i>see also</i> Finance, insurance,	
and real estate):	
Advertising.....	861, 862
Automobile.....	559
Average hours and earnings.....	230
Casualty, marine, and fire.....	482, 483
Consumers' cooperatives.....	851
Contribution to national income.....	307
Corporation income tax returns.....	384, 385
Dividends per share.....	470
Employees.....	211, 221
Farmers' mutual fire.....	633
Fraternal orders.....	479
Health and medical.....	76, 480-482
Blue cross and blue shield plans.....	480
Life.....	475-479, 482, 483
Savings of individuals.....	462
Veterans'.....	253, 254, 257, 408
Mortgages.....	455, 478, 767
Unemployment insurance.....	279
U. S. securities held by insurance companies.....	391, 475
Insurance, Government:	
Banks insured by Federal Deposit Insurance	
Corporation.....	449-452
Retirement, disability, and survivor.....	254, 257,
260, 265, 266, 268-273, 282, 283, 489, 490	
Sickness.....	282, 283
Unemployment.....	265, 266, 268, 275-280, 282, 283
Veterans' life insurance.....	253, 254, 257, 307, 339, 408
Workmen's compensation.....	265, 268, 285, 286
Insurance, medical care.....	232
Insurance, personal saving component.....	309
Insurance, social. <i>See</i> individual programs.	
Insurance trust (Government).....	274,
404, 408, 412-414, 419	
Insured banks. <i>See</i> Banks.	
Intercity traffic.....	562, 563, 570-573
Interest:	
Payments:	
Corporations.....	492
Electric utilities.....	535
Farm.....	455
Indexes.....	455, 631
Federal Government.....	366-
368, 370, 407, 408, 411	
Gas utility and pipeline industry.....	540
Railways.....	564



	Page
Jordan:	
Aid by U. S. Government.....	872, 876
Comparative international statistics.....	925,
926, 932-934, 946-948	
Trade with U. S. ....	897
Journalism, degrees conferred.....	130
Judicial service (Federal):	
Employees and payrolls.....	263, 394
Expenditures.....	367, 370
Juices, canned.....	794, 795, 850
Cold-storage holdings (orange).....	686
Consumption.....	84
Federal distribution programs.....	85
Jute and jute manufactures ( <i>see also</i> Flax, hemp, and jute):	
Foreign trade.....	881, 883
Import prices.....	342
Juvenile delinquency. <i>See</i> Children.	
<b>K</b>	
Kale, acreage, production, and value.....	660
Kansas. <i>See</i> State data.	
Kentucky. <i>See</i> State data.	
Kerosene:	
Prices, export.....	342
Production.....	729
Knit goods, manufacture:	
Average hours and earnings.....	228
Employees.....	209, 776, 777
Production.....	804
Puerto Rico.....	920
Summary.....	776, 777
Korea:	
Aid by U. S. Government.....	873, 876
Comparative international statistics.....	925-938,
941-948	
Trade with U. S. ....	897
Kuwait, trade with U. S. ....	897
<b>L</b>	
Labor ( <i>see also</i> Hours and earnings and Salaries, etc.), Federal expenditures.....	369, 406
Labor force. <i>See</i> Employment and labor force.	
Labor strikes and lockouts.....	237-239
Labor turnover.....	233
Labor unions:	
Membership.....	235, 236
Wage rates and hours, indexes.....	233
Work stoppages.....	237
Laborers, number.....	218, 223, 225
Immigrants and emigrants.....	95
Income.....	317, 322
Nonwhite population.....	84
Percent distribution.....	219
Labrador, Newfoundland, and Canada, trade with U. S. ....	894, 904
Lakes.....	161
Lamb and mutton:	
Consumption.....	84, 680
Foreign trade.....	680
Prices.....	336, 679
Production.....	679, 680
Lambs. <i>See</i> Sheep and lambs.	
Lamps, manufacture, summary.....	780, 781
Employees.....	211
Hours and earnings.....	230
Land ( <i>see also</i> Farms and Public lands):	
Area of U. S. ....	5, 160, 183
Territories, possessions, etc.....	160, 907
Condemnation cases.....	145
Farm.....	601, 612-615, 618, 622, 626
Territories and possessions.....	911
In drainage enterprises.....	606
Irrigated.....	601-605
Not in farms.....	612
Ownership.....	182-185, 612
Parks.....	191, 199-195
Utilization.....	612-614
Value as component of national wealth.....	323
Land-grant institutions. <i>See</i> Colleges and uni- versities.	
Land grants to States.....	186
Language (foreign), degrees conferred.....	130
Laos:	
Aid by U. S. Government.....	873, 876
Comparative international statistics.....	932-934,
947, 948	

	Page
Lard:	
Consumption.....	84, 674, 680
Exports.....	647, 680
Prices:	
Export.....	342
Retail.....	336
Production.....	647, 674, 680
Latin American Republics:	
Aid by U. S. Government.....	870, 873, 877
ICA expenditures for commodities from.....	878
Passports issued to.....	99
U. S. international investments.....	863, 869
Latvia:	
Immigration.....	92, 94, 98
Trade with U. S. ....	896
U. S. citizens naturalized from.....	102
Laundries:	
Average hours and earnings.....	230
Commercial failures.....	503
Employees.....	211, 222, 852
Puerto Rico.....	922
Summary and receipts.....	852
Laundry appliances, manufacture:	
Exports.....	821
Output indexes.....	774
Sales and retail value.....	822
Shipments, value.....	820
Law, degrees conferred.....	130
Law enforcement, Federal courts and prisons.....	139,
148, 151-155	
Lawn mowers, power.....	322
Lawyers and judges, number.....	149, 150, 220
Age and years in practice.....	149
Income.....	149, 150, 322
Lead:	
Castings, shipments and unfilled orders.....	818
Foreign trade.....	719, 722, 740
Prices, New York and London.....	713, 740
Production.....	716, 740
Alaska.....	914
Supply and shipments.....	719
Summary.....	740
Lead and zinc mines:	
Employees.....	720, 721
Output per man-hour.....	220
Summary.....	720, 721
Leather and leather products ( <i>see also</i> Hides and leather products and Footwear):	
Foreign trade.....	881, 883, 885
Manufacture:	
Advertising expenditures.....	862
Average hours and earnings.....	229
Concentration of output.....	778
Contribution to national income.....	307
Corporation income tax returns.....	382, 383
Employees.....	210, 214, 222, 223, 778, 779, 789
Expenditures for plant and equipment.....	790
Firms, mergers and acquisitions.....	505
Fuels and electric energy consumed, cost.....	780
Industrial failures.....	503
Injury-frequency and severity rates.....	234
Inventories.....	792
Production.....	808
Indexes.....	775
Puerto Rico.....	921
Size of establishments.....	789
Summary.....	778, 779, 789
Unemployment insurance.....	279
Water use.....	793
Work stoppages.....	233
Retail trade.....	838, 839
Wholesale price indexes.....	329
Wholesale trade.....	848, 849
Lebanon:	
Aid by U. S. Government.....	876
Comparative international statistics.....	925-930,
932-948	
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S. ....	896
U. S. citizens naturalized from.....	102
Leeward Islands and Windward Islands, trade with U. S. ....	894
Legal services:	
Contribution to national income.....	307
Employees.....	149, 150, 220, 398
Unemployment insurance.....	280

	Page		Page
Legislative service (Federal):		Loans and mortgages—Continued	
Employees and payrolls.....	392, 394	Home Owners' Loan Corporation.....	767
Expenditures.....	367, 370	Installment.....	453, 454
Lemons, production, value, and prices.....	634, 652, 670	Insurance companies.....	454, 455, 475, 767
Lend-lease, grants, and credits.....	874	Interest rates.....	455, 455
Lespedeza.....	651	Long-term debt.....	389
Lettuce, acreage, production, and value.....	669	Mortgages, nonfarm homes.....	764, 766, 767
Liberia:		Savings and loan associations.....	460, 461, 767
Aid by U. S. Government.....	872, 877	Veterans' guaranteed and insured.....	253, 254, 259, 768
Comparative international statistics.....	925	Lobbies, expenditures.....	300
926, 935-938, 941-943		Lobsters:	
Trade with U. S.....	899	Catch.....	705
U. S. international investments.....	898	Imports.....	710
Libraries:		Local governments. <i>See individual governmental</i>	
Employees.....	220, 221, 398	units and State and local governments.	
Expenditures.....	124, 129, 131, 419	Lockouts. <i>See Work stoppages.</i>	
Public.....	131	Locomotives (railway).....	564-566
Library science, degrees conferred.....	130	Louisiana. <i>See State data.</i>	
Libya:		Louisiana Purchase.....	159, 180, 182
Aid by U. S. Government.....	872, 877	Lubricants, grease and oil:	
Comparative international statistics.....	925	Advertising (gasoline, lubricants, etc.).....	861
926, 943, 944, 947, 948		Manufacturers' excise taxes.....	372
Trade with U. S.....	898	Prices, export.....	342
License and privilege taxes, State and local		Production.....	729
governments.....	404, 405, 411-413, 415, 419	Luggage:	
Licenses, fishing and hunting.....	196	Manufacture, summary.....	778, 779
Life insurance. <i>See Insurance business.</i>		Employees.....	210
Life tables.....	60-63	Hours and earnings.....	229
Comparative international statistics.....	927, 928	Retail trade.....	838, 839
Light and power. <i>See Electric light, etc.</i>		Retailers' excise tax.....	372
Lighting equipment, manufacture, summary.....	780, 781	Lumber and allied products:	
Light:		Foreign aid.....	878
Farm expenditures.....	638	Foreign trade.....	587, 699, 881, 884-886, 890, 891
Production and value.....	714, 734	Manufacture:	
Hawaii and Puerto Rico.....	914	Concentration of employment and output.....	776,
Summary.....	734		785, 786
Limes, production and value.....	652	Consumption and stocks.....	690
Prices, farm and parity.....	634	Contribution to national income.....	307
Limestone:		Corporation income tax returns.....	382, 383
Consumed in manufacture of pig iron.....	812	Employees.....	209, 214, 222, 223, 776, 777, 785, 788
Sales.....	733	Expenditures for plant and equipment.....	790
Linen supply service.....	852	Firms, mergers and acquisitions.....	805
Linseed oil:		Fuels and electric energy consumed, cost.....	790
Commodity Credit Corp., loans.....	635	Hours and earnings.....	228
Production, consumption, and stocks.....	674	Industrial failures.....	503
Liquor laws:		Injury frequency and severity rates.....	234
Civil cases filed and terminated in courts.....	145, 146	Inventories.....	792
Offenses.....	139, 143, 144, 147, 148, 153, 154	Production.....	698, 699
Liquors and beverages ( <i>see also</i> Malt liquors):		Indexes.....	775
Advertising.....	860, 861	Puerto Rico.....	920
Consumption per capita.....	797	Size of establishments.....	788
Dutiable imports and duties.....	901	Summary.....	776, 777, 788
Import prices.....	342	Unemployment insurance.....	279
Manufacture:		Water use.....	793
Breweries and distilleries operated.....	796	Work stoppages.....	233
Materials used.....	797	Prices, wholesale indexes.....	329, 749
Production, tax-paid withdrawals, and		Retail trade.....	828-830, 835-839
stocks.....	796	Commercial failures.....	503
Puerto Rico.....	920	Corporation income tax returns.....	384, 385
Retail trade ( <i>see also</i> Food and liquor		Employees.....	837, 839
stores).....	828-830, 838, 839	Territories and Puerto Rico.....	916, 922
Corporation income tax returns.....	384, 385	Wholesale trade.....	846-849
Employees.....	839	Commercial failures.....	503
State liquor stores.....	404, 408, 412-414, 425	Corporation income tax returns.....	384, 385
Taxes.....	372, 413, 415	Luxembourg:	
Puerto Rico.....	917	Comparative international statistics.....	925-938,
Wholesale trade.....	846, 847		940-948
Corporation income tax returns.....	384, 385	Exchange rates.....	940
Price indexes.....	330	Foreign trade (Belgium and Luxembourg).....	895,
Lithographing:			903, 904
Average hours and earnings.....	229	Immigration.....	92
Employees.....	210		
Summary.....	778, 779		
Lithuania:			
Immigration.....	92, 94, 96		
Trade with U. S.....	896		
U. S. citizens naturalized from.....	102		
Livestock. <i>See Animals, domestic, and individual</i>			
<i>classes.</i>			
Livestock farms, number.....	620, 621		
Living costs, indexes of.....	327, 332-335, 631		
Loans and mortgages ( <i>see also</i> Public debt):			
Bank loans.....	432, 437, 439-447, 449, 454-457, 497, 767		
Credit unions.....	462, 464		
Farm. <i>See Farm mortgage loans.</i>			
Federal home loan banks.....	453, 459, 460		
Federal National Mortgage Association.....	453,		
	459, 767		
Federal Savings and Loan Insurance Corp.....	460		

## M

Macao, trade with U. S.....	897
Macaroni and spaghetti, canned.....	794
Machine tools, manufacture, shipments, value.....	820
Machinery ( <i>see also individual classes</i> ):	
Accidents caused by.....	71
Farm expenditures for.....	637, 638
Foreign aid.....	878
Foreign trade.....	882, 884, 885, 890, 891
Manufacture:	
Concentration of output.....	780
Contribution to national income.....	307
Corporation income.....	382, 383, 493
Corporation income tax returns.....	382, 383
Corporation sales, profits, and dividends.....	495
Employees.....	210, 214, 222, 223, 780, 781, 789

	Page
Machinery—Continued	
Manufacture—Continued	
Expenditures:	
Advertising.....	862
Plant and equipment.....	498, 790
Firms, mergers and acquisitions.....	505
Fuels and electric energy consumed, cost.....	790
Hours and earnings.....	230
Industrial failures.....	503
Injury-frequency and severity rates.....	234
Inventories.....	792
Production indexes.....	775
Puerto Rico.....	921
Shipments.....	815, 819-821, 823, 824
Size of establishments.....	789
Summary.....	780, 781, 789
Unemployment insurance.....	279
Water use.....	793
Work stoppages.....	238
Wholesale trade.....	846-849
Corporation income tax returns.....	384, 385
Employees.....	847, 849
Price indexes.....	330
Puerto Rico.....	922
Mackerel:	
Canned, quantity and value.....	708
Exports.....	710
Quantity and value of catch.....	704, 706, 707
Madagascar, trade with U. S.....	899
Madeira Islands, trade with U. S.....	899
Magazine advertising.....	858
	859, 861
Magnesite, production and value.....	715
Magnesium:	
Castings, shipments and unfilled orders.....	818
Production and value.....	715, 742
Shipments of mill products.....	818
Summary.....	742
Mail:	
Comparative international statistics.....	943, 944
U. S. postal service. <i>See</i> Post Office Department.	
Mail-order houses.....	828-830, 833, 839, 841
Corporation income tax returns.....	384, 385
Maine. <i>See</i> State data.	
Malaya:	
British, trade with U. S.....	897, 903, 904
Comparative international statistics.....	946-948
Malt, used in manufacture of liquors.....	797
Malt liquors ( <i>see also</i> Liquors and beverages):	
Consumption per capita.....	797
Internal revenue tax.....	372
Manufacture:	
Breweries operated.....	796
Concentration of output.....	786
Production, stocks, and tax-paid withdrawals.....	796
Malta, Gozo, and Cyprus, trade with U. S.....	896
Malted milk powder, production.....	681
Managers. <i>See</i> Proprietors, etc.	
Manganese:	
Consumption and sources of supply.....	719, 736
Foreign trade.....	887, 719, 722, 736
Import prices.....	842
Production and value.....	716, 736
Public land leases.....	189
Summary.....	720, 721, 736
Manganiferous ore and residuum, production.....	716
Manila, import prices.....	342
Man-made fibers and fabrics ( <i>see also specific items</i> ).....	800, 801
Manufactured products ( <i>see also individual products</i> ):	
Foreign trade.....	881-886, 888-891, 902
Quantity and value indexes.....	889
Production indexes.....	770, 774, 775
Revenue freight carried by railroads.....	597
Manufacturers' excise taxes.....	372
Manufacturers' sales branches, offices.....	844-849
Manufacturing industry ( <i>see also individual industries</i> ):	
Bank loans.....	445
Bankruptcies filed.....	506
Buildings, construction.....	749, 750, 752
Capital issues.....	472, 473
Commercial-industrial activities of U. S.....	
Government.....	370
Comparative international statistics.....	929-931, 935, 936

	Page
Manufacturing industry—Continued	
Concentration of employment and output.....	776,
778, 780, 785-787	
Contribution to national income.....	307
Puerto Rico.....	918
Corporation income tax returns.....	384-386
Dividend payments.....	383, 406
Employees.....	208-214,
219-223, 232, 774, 776-783, 785, 788, 789	
Territories, possessions, etc.....	907, 916, 920, 921
Employment and payrolls, indexes.....	208, 774
Employment service placements, public.....	280
Establishments, employees, value added, etc.:	
By industry groups and industries.....	776-781
By metropolitan areas.....	784
By size of establishments.....	788, 789
By States.....	782, 783
Puerto Rico.....	920, 921
Summary.....	774
Expenditures:	
Advertising.....	862
Plant and equipment.....	484, 498
By industry groups.....	790
By metropolitan areas.....	784
By States.....	791
Firms:	
Mergers and acquisitions.....	505
Number and turnover.....	487
Surviving to specified age.....	502
Fuels and electric energy consumed, cost.....	790
Hours and earnings.....	227-232
Income.....	386, 493
Industrial failures.....	503
Injuries and rates.....	234, 235
International investments.....	868
Inventories.....	500, 501, 792
Labor turnover.....	253
Materials for (wholesale price index).....	331
Output per man-hour.....	226
Production indexes.....	770, 774, 775
Sales, profits, and dividends.....	489, 495, 496, 501
Rate on stockholders' equity.....	496
Securities.....	469-471
Summary.....	774, 920, 921
Alaska, Hawaii, Puerto Rico.....	916
Unemployment insurance.....	279
Wage or salary disbursements.....	312, 774, 776-783
Hawaii.....	312
Water use.....	165, 793
Work stoppages.....	238
Maple sugar and sirup, production.....	673
Marble, sales.....	733
Margarine:	
Consumption.....	84
Production and stocks.....	674
Marine communication (radio).....	518, 519
Marine Corps:	
Personnel.....	245, 247
Casualties, major wars.....	247
Marital status of population in U. S.....	34, 43-47, 269
In Territories, possessions, etc.....	44, 907
Marketing, farm supply, and service through farmer cooperatives.....	641, 642
Markets, principal:	
Receipts, domestic animals.....	678, 679
Shipments, domestic animals.....	678
Spot indexes, 22 commodities.....	328
Marl mines, production.....	715
Marriage and divorce.....	59, 71-74
Marriage licenses issued.....	71
Median age at marriage.....	73
Rates.....	55, 56, 72
Territories and possessions.....	72-74, 910
Married persons. <i>See</i> Marital status.	
Maryland. <i>See</i> State data.	
Massachusetts. <i>See</i> State data.	
Matches, manufacturers' excise taxes.....	372
Maternal and child health services.....	265, 291, 294, 406
Maternal deaths. <i>See</i> Vital statistics.	
Mathematics, degrees conferred.....	130
Mauritius and dependencies, trade with U. S.....	899
Measures introduced and enacted in Congress.....	354
Meat and meat products:	
Animals slaughtered.....	679
Cold-storage holdings.....	686
Comparative international statistics (production).....	934
Consumption.....	84, 680
Federal inspection.....	679, 680
Foreign aid.....	878

	Page		Page
Meat and meat products—Continued		Metalworking machinery, manufacture	780, 781
Foreign trade	649, 680, 881, 883, 885	Metropolitan areas ( <i>see also</i> Cities):	
Manufacture:		Dwelling units or households	758, 760
Average hours and earnings	228	Inventory, components of change	758
Concentration of employment and output	776,	Vacancy	761
	785-787	With television sets	522
Employees	209, 776, 777	Manufacturing industry, summary	784
Production	680	Population	15, 16
Summary	776, 777	Retail trade	840, 841
Prices:		Mexico:	
Retail	336	Aid by U. S. Government	873, 877
Indexes	337	Comparative international statistics	925-930, 932-948
Wholesale indexes	329	Exchange rates	940
Retail trade	836, 837	Expenditures by U. S. residents for travel	99
Puerto Rico	922	Gold and foreign exchange holdings	939
Medical care insurance	76, 480, 481	Immigration and emigration	93, 94, 96, 100
Medical services. <i>See</i> Health and medical services.		Insurance, life	483
Medicinal and pharmaceutical preparations. <i>See</i> Drugs and medicines.		Territory ceded to U. S.	159
Medicine, professional schools, degrees conferred	130	Trade with U. S.	894, 903, 904
Melons:		U. S. citizens naturalized from	102
Acreage, production, and value	669	U. S. international investments	868
Consumption	84	U. S. resident aliens	98
Memorials, National	191	Mica:	
Expenditures, Federal	751	Imports	719, 722
Menhaden, catch	704	Mines, production	715
Mental patients and defectives	79-82, 131	Supply and shipments	719
Merchandise exports and imports. <i>See</i> Foreign trade.		Michigan. <i>See</i> State data.	
Merchandise. <i>See</i> General merchandise.		Migration. <i>See</i> Mobility status of population.	
Merchant marine:		Military aid by U. S. Government	867,
Comparative international statistics	941, 942		869, 870, 874, 875
Completed by U. S. shipyards	504	Military land (Federally owned)	184
Employment and wage scale	595	Military services ( <i>see also</i> Veterans affairs):	
Number and tonnage	593, 594, 599-598	Aliens naturalized	100, 101
Of the world	598	Casualties	247
Tonnage employed in foreign trade	592, 593, 596	Consumption of fuel oils	727
Vessels launched	598	Court-martial cases	139, 153, 154
Merchant wholesalers	843-840	Expenditures	242, 243, 367, 369
Alaska, Hawaii, Puerto Rico	916, 922	Construction	746-748, 751
Mercury (quicksilver):		Pay rates	246
Prices	713	Personnel	245, 247
Production and value	716	By age groups	245
Alaska	719	Population abroad	8
Supply and shipments	719	Procurement actions	243
Mergers and acquisitions of concerns	505	Science, degrees conferred	130
Mesopotamia. <i>See</i> Iraq.		Wages and salaries	306, 313
Metal mines. <i>See</i> Mining and quarrying.		Milk ( <i>see also</i> Dairy products):	
Metals and metal products ( <i>see also individual metals</i> ):		Commodity Credit Corp. inventories and cost of acquisition (fluid and dried)	635
Accidents and fatalities and number employed in metal mines	723	Consumption	84
Bank loans	445	Malted, production	681
Consumption	718	Manufacture of milk products:	
Foreign aid	878	Concentration of employment and output	785, 786
Foreign trade	718, 722, 882, 884, 890, 891	Production	681
Dutiable imports and duties	900	Prices:	
Manufacture ( <i>see also individual industries</i> ):		Export	342
Average hours and earnings	220	Farm and parity	634
Concentration of employment and output	778,	Retail	335, 681
	780, 785, 786	Wholesale	681
Contribution to national income	307	Indexes	329
Corporation income	382, 383, 493	Production	681
Corporation income tax returns	382, 383	Sales	680-682
Corporation sales, profits, and dividends	495	Milk dealers	838, 839
Employees	210, 214, 221-223, 778-781, 785, 789	Millinery. <i>See</i> Hats.	
Expenditures:		Millstones, value	714
Advertising	862	Millwork:	
Plant and equipment	498, 790	Manufacture, summary	776, 777
Firms, mergers and acquisitions	505	Production	699
Fuels and electric energy consumed, cost	790	Puerto Rico	920
Injury-frequency and severity rates	234	Wholesale price indexes	329
Inventories	792	Milo. <i>See</i> Sorghums for grain.	
Puerto Rico	921	Mineral land, public:	
Size of establishments	789	Entries	187
Summary	778-781, 789	Leases, permits, licenses	189
Unemployment insurance	279	Minerals and mineral products ( <i>see also</i> Mining and quarrying and <i>individual minerals</i> ):	
Water use	793	Car loadings	508
Work stoppages	238	Comparative international statistics (production)	937, 938
Production of metals	715, 716	Consumption	718
Alaska and Puerto Rico	914	Foreign aid	878
Indexes	712, 718, 775	Foreign trade	718, 722, 882, 884, 890, 891
Value	712, 713, 715, 716	Fuels, electric energy from	523
Shipments of metal products	815, 819	Industries, summary	720, 721
Wholesale prices	713	Manufacture, summary	778, 779
Indexes	328, 330, 749	Production indexes	712, 718, 770, 775
Wholesale trade	848, 849	Revenue freight carried by railroads	567
		Summary of mineral production	712-715, 717, 718
		Territories, possessions, etc.	914
		Wholesale prices	713
		Indexes	330



	Page
Mining and construction machinery, manufacture, summary.....	780, 781
Mining and quarrying:	
Accidents and fatalities.....	235, 723
Average hours and earnings.....	228, 723
Commercial-industrial activities of U. S. Government.....	370
Comparative international statistics.....	929-931
Contribution to national income.....	307
Puerto Rico.....	918
Corporation income tax returns.....	382, 383, 386
Dividend payments.....	383, 496
Employees.....	208,
209, 212, 213, 219, 220, 222, 720, 721, 723, 724	
Territories and possessions.....	907
Employment service placements, public.....	280
Expenditures:	
Advertising.....	862
Plant and equipment.....	484, 497, 498, 720, 721
Explosives consumed.....	809
Firms:	
Mergers and acquisitions.....	505
Number and turnover.....	487
Surviving to specified age.....	502
Income.....	352, 383, 386, 493
Industrial failures.....	503
International investments (mining and smelting).....	868
Output per man-hour.....	226
Stocks, prices.....	469
Structures as component of national wealth.....	323, 324
Summary.....	720, 721
Unemployment insurance.....	279
Value of all products.....	712, 718
Wage or salary disbursements.....	312, 720, 721
Hawaii.....	312
Work stoppages.....	238
Minnesota. <i>See</i> State data.	
Mint for oil, acreage, production and value.....	669
Miquelon and St. Pierre, trade with U. S.....	894
Mississippi. <i>See</i> State data.	
Mississippi River traffic.....	590
Missouri. <i>See</i> State data.	
Mixers (food), sales and retail value.....	822
Mobility status of population.....	39-40
Farm.....	39, 611
Molasses:	
Imports (inedible).....	587
Production.....	672, 913
Used in manufacture of liquors.....	797
Molybdenum:	
Consumption and sources of supply.....	719, 737
Foreign trade.....	719, 722, 737
Production and value.....	716, 737
Summary.....	720, 721, 737
Monaco, UNESCO and World Health Organization assessments.....	947
Monetary gold and silver, national wealth.....	323, 324
Monetary system and banks, assets and liabilities.....	437
Money ( <i>see also</i> Banks and Money rates):	
Held in Treasury and by Federal Reserve banks and agents.....	427
In circulation and stock of.....	437, 438
Money orders (postal).....	509, 510, 512
Money rates:	
Discount of Federal Reserve banks.....	448
Foreign exchange.....	940
Market.....	465
Montana. <i>See</i> State data.	
Montgomery Ward and Company.....	841
Monuments, National.....	191
Morbidity.....	82, 83
Morocco:	
Aid by U. S. Government.....	872, 877
Trade with U. S.....	898
U. N. member assessment.....	947
Mortgages. <i>See</i> Loans and mortgages.	
Motels, tourist courts.....	853
Motion-picture industry:	
Advertising expenditures.....	862
Corporation income tax returns.....	384, 385
Employees.....	211, 222
Hours and earnings.....	230
Production, distribution services.....	853
Puerto Rico.....	922
Unemployment insurance.....	280

	Page
Motion-picture theaters, summary.....	853, 857
Puerto Rico.....	922
Motor fuel ( <i>see also</i> Gasoline):	
Consumption.....	553
Production.....	730
Taxes.....	413, 415, 633
Motor transportation:	
Carriers of passengers.....	563, 570, 571, 573
Carriers of property.....	562, 563, 572
Motor vehicle taxes, fees, licenses, etc., and motor fuel taxes.....	372, 413, 415, 552, 554, 555, 558, 633
Puerto Rico.....	917
Motor vehicles:	
Common carriers of passengers or property.....	562,
563, 570-573	
Employees (number and compensation).....	572, 573
Comparative international statistics (motor vehicles in use).....	941, 942
Consumer credit.....	464, 544, 559
Farm expenditures.....	638
Fatalities caused by.....	38, 71, 555, 559
Foreign aid.....	870
Foreign trade.....	555, 587, 582, 884, 885, 890, 891
Fuel consumed.....	553
Insurance.....	559
Manufacture:	
Average hours and earnings.....	230, 555
Concentration of employment and output.....	790,
785, 786	
Contribution to national income.....	307
Corporation income.....	382, 383, 493
Corporation income tax returns.....	382, 383
Corporation sales, profits, and dividends.....	495
Employees.....	211, 555, 780, 781, 785
Excise taxes.....	372
Expenditures:	
Advertising.....	860, 862
Plant and equipment.....	498
Output indexes.....	774
Sales.....	544, 555, 556
Shipments.....	815
Summary.....	780, 781
New and used automobile purchasers.....	559
On farms.....	638, 639
Operators' licenses.....	554
Ownership, age, and financing.....	569
Prices:	
Export.....	342
Wholesale price indexes.....	330
Registration.....	556-558
Repair shops, rental service, etc.....	852, 853, 855
Alaska, Hawaii, Puerto Rico.....	917, 922
Retail trade.....	828-830, 836, 837
Advertising expenditures.....	862
Commercial failures.....	503
Corporation income tax returns.....	384, 385
Employees.....	837
Puerto Rico.....	922
Revenue from, by States ( <i>see also</i> Motor vehicle taxes, etc.).....	568
Scrapped.....	555
Theft.....	139-144, 147, 148, 153, 154
Travel and speed.....	566, 559
Wholesale trade:	
Commercial failures.....	503
Puerto Rico.....	922
Motorbus transportation. <i>See</i> Motor transportation.	
Motorcycles. <i>See</i> Bicycles and motorcycles.	
Motors and generators, manufacture:	
Concentration of employment and output.....	785, 787
Shipments, value.....	821
Motortruck drivers, indexes of union wage rates and hours.....	233
Mountain peaks.....	163
Mozambique, trade with U. S.....	899
Mules. <i>See</i> Horses and mules.	
Municipal and county parks, summary.....	194
Municipal.....	195
Municipal and State bonds.....	467, 469-472
Municipalities. <i>See</i> Cities and Metropolitan areas.	
Murder. <i>See</i> Homicides.	
Mushrooms, canned.....	794
Music, degrees conferred.....	130
Musical instruments ( <i>see also</i> Radios):	
Excise taxes.....	372
Foreign trade.....	882, 884

	Page		Page
Musical instruments—Continued		Newfoundland. <i>See</i> Canada, etc.	
Manufacture, summary	780, 781	News dealers, retail trade	838-839
Employees	211	News syndicates, summary	852
Hours and earnings	230	Newspapers and periodicals:	
Retail trade	838, 839	Advertising	523, 858-860
Mutton. <i>See</i> Lamb and mutton.		Comparative international statistics	943, 944
Mutual Security program	242, 874-878	Copyrights for periodicals	526
<b>N</b>		Manufacture, summary	778, 779
Nails:		Concentration of employment and output	785-787
Exports	816	Employees	210
Production	813	Hours and earnings	229
Narcotics. <i>See</i> Drug laws.		Puerto Rico	920
National banks. <i>See</i> Banks.		Newsprint consumption	523
National debt, public and private ( <i>see also</i> Public debt)	365, 369	Number and circulation	523, 524
National forests. <i>See</i> Forests.		Receipts	523
National Government finance. <i>See</i> Receipts, Expenditures, Public debt, etc.		Union wage rates and hours, indexes	233
National income	303-307	Newsprint:	
National Park System	191	Consumption	523
National product or expenditure	302-305	Imports	587
National security:		Production	701
Federal expenditures	240, 242, 368, 369, 408, 411, 751	Summary	701
Offenses	139, 147, 148, 153, 154	Nicaragua:	
National Service Life Insurance	254, 257	Aid by U. S. Government	877
National wealth	323, 324	Comparative international statistics	925-930,
Natural gas. <i>See</i> Gas.		932-948	
Natural gasoline. <i>See</i> Gasoline.		Exchange rates	940
Natural resources:		Gold and foreign exchange holdings	939
Debt, State and local governments	410	Trade with the U. S.	894
Employees (government)	425-427	Nickel:	
Payrolls	425, 428	Foreign trade	719, 722, 737
Expenditures:		Import prices	342
Federal	368, 369, 406-408, 411, 412, 751	Mine production	716, 737
State and local governments	408, 411, 412, 414, 417	Summary	737
Naturalization	100-102	Supply and shipments	719
Twenty-one years old and over	37, 101	Nigeria:	
Naval stores, gums, resins, etc. ( <i>See also</i> Turpentine and rosin):		Comparative international statistics	943,
Foreign aid	878	944, 947, 948	
Foreign trade	881, 883, 885	Trade with U. S.	898, 903, 904
Manufacture, summary	778, 779	Nitrate of sodium, import prices	342
Production	697	Nondurable goods and industries ( <i>see also</i> individual goods and industries):	
Navy:		Manufacture:	
Aircraft and ships	248	Average hours and earnings	227, 228
Personnel	245, 247	Corporation sales, profits, and dividends	495
Casualties, major wars	247	Employees	209, 214, 222, 223
Navy, Department of:		Expenditures for plant and equipment	497, 498
Employment, civilian	394	Production indexes	770, 775
Expenditures	184, 185, 243, 366, 367, 369	Sales and inventories	501
Land and buildings	184, 185	Stock prices	460
Property (real and personal)	244	Personal consumption expenditures	303, 304, 308
Research and development	371	Retail trade, sales	501, 828, 829
Near East, passports issued to	99	Chain stores and mail-order houses	828
Nehraska. <i>See</i> State data.		Inventories	501
Negro population. <i>See</i> Population, race.		Wholesale trade, sales and inventories	501, 843
Nepal:		Nonferrous metals and products. <i>See</i> Metals and metal products.	
Aid by U. S. Government	876	Nonmetallic minerals ( <i>see also</i> individual minerals):	
Comparative international statistics	925,	Consumption	718
928, 947, 948		Foreign aid	878
Trade with U. S.	897	Foreign trade	718, 722, 882, 884, 890, 891
Netherlands:		Industries, summary	720, 721
Aid by U. S. Government	871, 877	Value of production	712-715, 718
Comparative international statistics	925-948	Wholesale price indexes	330
Exchange rates	940	Nonstore retailers	838, 839
Gold and foreign exchange holdings	939	Normal schools and teachers' colleges	125
Immigration and emigration	89, 92-94, 96	North America, trade with U. S.	892, 894, 903, 904
Trade with U. S.	895, 903, 904	North Carolina. <i>See</i> State data.	
U. S. citizens naturalized from	102	North Dakota. <i>See</i> State data.	
U. S. international investments	868	Northern Ireland, immigration and emigration	89,
Netherlands Antilles, trade with U. S.	894, 903, 904	92-94, 96	
Nevada. <i>See</i> State data.		Norway:	
New and used automobile purchasers	544	Aid by U. S. Government	871, 877
New Guinea (Australian), trade with U. S.	898	Comparative international statistics	925-948
New Hampshire. <i>See</i> State data.		Exchange rates	940
New Jersey. <i>See</i> State data.		Gold and foreign exchange holdings	939
New Mexico. <i>See</i> State data.		Immigration and emigration	89, 92-94, 96
New York. <i>See</i> State data.		Trade with U. S.	895, 903, 904
New York Stock Exchange, value of securities listed on and volume of sales	466, 467	U. S. citizens naturalized from	102
New Zealand:		Nuclear reactors	542
Comparative international statistics	925-948	Nursery and greenhouse stock, foreign trade	881, 883
Exchange rates	940	Nurses:	
Gold and foreign exchange holdings	939	Degrees conferred	130
Immigration and emigration	93, 94, 96	Number	75, 220, 223
Passports issued to	99	Ratio of patients to	81
Trade with U. S.	898, 903, 904	Training schools	117
		Nursing:	
		Homes, expenditures for care	76
		Services, public health	291

	Page
Nutrition:	
Federal food distribution programs.....	85, 86
Food supply, comparative international statistics.....	927, 928
Nutrients available.....	85
Per capita consumption of major commodities.....	84
Nuts ( <i>see also</i> Fruits and nuts), production and value.....	652
Nylon fabrics, production.....	799
Tire cord.....	800
O	
Oats:	
Acceage, production, and value.....	647, 651, 653, 661
Alaska.....	912
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635
Exports (U. S. and world).....	647
Prices, farm.....	634, 653, 661
Volume of futures trading.....	466
Obstetrical services, prices, cities.....	334
Occupations of aliens.....	95
Occupations of entire population. <i>See individual occupations and industries.</i>	
Ocean perch, quantity and value of catch.....	707
Oceania and Australia, trade with U. S.....	892
	893, 903, 904
Office appliances and supplies:	
Exports.....	882
Manufacture, summary.....	776, 777, 780, 781
Employees.....	210, 211
Hours and earnings.....	230
Shipments, value.....	820
Retail trade.....	838, 839
Office buildings, construction.....	746-750
Ohio. <i>See</i> State data.	
Ohio River traffic.....	590
Oil and gas fields:	
Contract services, summary.....	720, 721
Machinery and tools, shipments, value.....	815, 820
Oil and gas land, public, leases.....	189
Oil and gas wells. <i>See</i> Petroleum and gas wells.	
Oil, cake, and meal, cottonseed:	
Foreign trade.....	664
Production.....	664, 666, 674
Oil cake and oil-cake meal, exports.....	885
Oil crops:	
Farm income.....	633
Farm output and marketing indexes.....	644, 645
Prices, farm indexes.....	631
Oils:	
Animal (oils and fats):	
Foreign trade.....	649, 881, 883, 885
Production, consumption, and stocks.....	84, 674
Animal and vegetable:	
Manufacture, summary.....	778, 779
Employees.....	210
Hours and earnings.....	229
Production, consumption, and stocks.....	674
Wholesale price indexes.....	328, 329
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635
Farm-to-retail price spread.....	636
Federal distribution programs (oils and fats).....	85
Fish:	
Exports.....	710
Production.....	674, 709
Foreign aid (oils and fats).....	878
Fuel. <i>See</i> Fuel oil.	
Lubricating:	
Excise taxes.....	372
Exports.....	587
Prices.....	342
Mineral. <i>See</i> Petroleum and products.	
Vegetable:	
Foreign trade.....	647, 649, 664, 881, 883, 886
Indexes.....	648
Production, consumption, and stocks.....	84
	647, 664, 666, 674
Oilseeds:	
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635
Foreign trade.....	881, 883
Oklahoma. <i>See</i> State data.	
Old-age and survivors insurance.....	265
Old-age and survivors insurance.....	266, 268-274, 404, 408, 489, 490
Old-age assistance, public.....	286-289, 414
Recipients, characteristics of.....	286

	Page
Old-age pensions and retirement benefits.....	285
	288, 270-273, 282-284, 286-289
Olive oil, Commodity Credit Corp., loans.....	635
Olives, canned.....	794
Onions:	
Acceage, production, and value.....	669
Retail prices.....	336
Operatives and kindred workers:	
Income.....	822
Number.....	218, 222-224
Immigrants and emigrants.....	95
Nonwhite population.....	84
Percent distribution.....	219
Ophthalmic goods, manufacture, summary.....	780, 781
Employees.....	211
Hours and earnings.....	230
Optical goods:	
Manufacture, summary.....	780, 781
Employees.....	211
Hours and earnings.....	230
Retail trade.....	838, 839
Oranges:	
Prices:	
Farm.....	634, 670
Parity.....	634
Retail.....	336
Production and value.....	652, 670
Puerto Rico.....	912
Orchard products. <i>See</i> Fruits and Nuts.	
Ordinance and accessories, manufacture:	
Corporation income tax returns.....	382, 383
Employees.....	209, 214
Hours and earnings.....	228
Injury-frequency and severity rates.....	234
Unemployment insurance.....	279
Work stoppages.....	238
Oregon. <i>See</i> State data.	
Ores, crude ( <i>see also</i> each ore):	
Car loadings.....	568
Foreign trade.....	722
Mining, production and value.....	715, 716
Alaska.....	914
Summary.....	720, 721
Prices.....	713
Organization chart of U. S. Government.....	364
Orphans.....	292
Oysters:	
Canned, quantity and value.....	708
Catch.....	704, 705

## P

Packing house products. <i>See</i> Meat and meat products.	
Paintings and statuary, foreign trade.....	882, 884
Paints, varnishes, etc.:	
Foreign trade.....	882, 884
Manufacture:	
Average hours and earnings.....	229
Concentration of output.....	778, 787
Employees.....	210, 778, 779
Summary.....	778, 779
Production.....	699
Wholesale price indexes.....	329, 749
Wholesale trade.....	840, 847
Pakistan:	
Aid by U. S. Government.....	872, 876
Comparative international statistics.....	925-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	897, 903, 904
Palestine:	
Immigration and emigration.....	94, 96
Trade with U. S.....	897
Panama:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925-938
	940-948
Exchange rates.....	940
Trade with U. S.....	894
Panama Canal, traffic and tolls.....	501
Panama Canal Zone. <i>See</i> Canal Zone.	
Paper and allied products:	
Foreign trade (paper and manufactures).....	881
	884, 886, 890, 891
Import prices (newsprint paper).....	342
Manufacture:	
Concentration of employment and output.....	785-787
Contribution to national income.....	307

	Page		Page
Paper and allied products—Continued		Pensions, annuities, retirement pay:	
Manufacture—Continued		Aged persons, public assistance.....	265,
Corporation income tax returns.....	382, 383	268, 271-273, 286-289	
Employees.....	209, 214, 222, 223, 776, 777, 785, 788	Government employees.....	265, 268, 284
Expenditures:		Military.....	253-256, 366, 369
Advertising.....	862	Private plans, summary.....	271
Plant and equipment.....	498, 790	Corporate pension funds.....	274
Firms, mergers and acquisitions.....	505	Railroad.....	265, 266, 268, 282, 283
Fuels and electric energy consumed, cost.....	790	Peppers, acreage, production, and value.....	669
Hours and earnings.....	228	Perch:	
Industrial failures.....	503	Catch.....	704, 705
Injury-frequency and severity rates.....	234	Fresh and frozen packaged.....	709
Inventories.....	792	Perfumery. See Toilet preparations.	
Production.....	700, 701	Periodicals. See Newspapers and periodicals.	
Indexes.....	775	Perlite, mine production.....	715
Puerto Rico.....	920	Persia. See Iran.	
Size of establishments.....	788	Personal consumption expenditures.....	303-305, 308
Summary.....	776-778	Personal income.....	303-305, 308, 311-314
Unemployment insurance.....	279	Hawaii.....	311-314
Water use.....	793	Personal services or care (see also Service in-	
Work stoppages.....	238	dustries):	
Wholesale trade.....	846-849	Advertising expenditures.....	862
Price indexes.....	330, 740	Alaska, Hawaii, Puerto Rico.....	917, 922
Paper and pulp industry:		Commercial failures.....	503
Average hours and earnings.....	228	Consumer price index.....	332, 333
Dutiable imports and duties.....	901	Contribution to national income.....	307
Employees.....	209, 776, 777	Corporation income tax returns.....	384, 385
Foreign aid.....	878	Employees.....	219-221, 223, 852
Output per man-hour.....	226	Territories and possessions.....	907, 917, 922
Summary.....	776, 777	Health, gross charges for.....	76
Water use.....	793	Personal expenditures.....	308, 315
Paper industries machinery, shipments, value.....	820	Summary.....	852, 854, 855
Paperboard, wet machine board, building paper:		Unemployment insurance.....	280
Production.....	700, 701	Personnel administration, Federal employees.....	398
Wholesale price indexes.....	330, 740	Peru:	
Paraguay:		Aid by U. S. Government.....	873, 877
Aid by U. S. Government.....	877	Comparative international statistics.....	925-948
Comparative international statistics.....	925-948	Exchange rates.....	940
Exchange rates.....	940	Gold and foreign exchange holdings.....	939
Gold and foreign exchange holdings.....	939	Trade with U. S.....	895, 903, 904
Trade with U. S.....	895	U. S. international investments.....	868
Parcel post.....	510, 512	Petroleum and coal products, manufacture:	
Parking lots, automobile storage services.....	852	Concentration of output.....	778
Parks.....	184, 191, 193-195, 411	Contribution to national income.....	307
National.....	191	Corporation income.....	382, 383, 493
Parties, political:		Corporation income tax returns.....	382, 383
Campaign expenditures and receipts.....	359, 360	Employees.....	210, 214, 222, 223, 778, 779, 788
Congress, composition of.....	353, 354	Expenditures:	
State legislatures, composition of.....	358	Advertising.....	862
Vote.....	345-349, 351, 352	Plant and equipment.....	498, 790
Partnerships, number, receipts, and income.....	488	Firms, mergers and acquisitions.....	505
Passengers:		Fuels and electric energy consumed, cost.....	790
Air.....	100, 575, 576	Hours and earnings.....	229
Bus.....	570, 571, 573	Injury-frequency and severity rates.....	234
Railway.....	568, 570	Inventories.....	792
Steamer.....	98, 100	Production indexes.....	776
Fares.....	583	Size of establishments.....	788
Passports issued.....	99	Summary.....	778, 779, 788
Pastors, with charges.....	50, 51	Unemployment insurance.....	279
Pasture land, acreage.....	612-614	Water use.....	793
Patents and certificates of registration.....	499	Work stoppages.....	238
Civil cases filed and terminated in courts.....	145, 146	Petroleum and gas wells (see also Gas):	
Employees, Federal.....	398	Average hours and earnings.....	228
Paving and roofing materials, manufacture, summary.....	778, 779	Contribution to national income.....	307
Pay rates, military.....	246	Corporation income tax returns.....	382, 383
Peaches:		Employees.....	209, 222, 720, 721
Canned.....	794, 795, 850	Number and production.....	731
Farm prices.....	670	Summary.....	720, 721
Production and value.....	652, 670	Unemployment insurance.....	279
Peaks, mountain.....	163	Petroleum and products (see also Petroleum and coal products):	
Peanuts:		Consumers' cooperatives.....	851
Acreage, production, and value.....	651, 655	Crude oil:	
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635	Annual supply and consumption of energy from fuel oil.....	528
Consumption.....	84	Foreign trade.....	587, 722, 729, 730
Farm prices.....	634, 655	Prices:	
Parity.....	634	At wells.....	730
Pears:		Exports and imports.....	342
Canned.....	704, 795, 850	Wholesale.....	730
Prices, farm.....	670	Production.....	714, 729, 730
Production and value.....	652, 670	Comparative international statistics.....	937, 938
Peas:		Reserves.....	730
Acreage, production, and value.....	669	Runs to stills and stocks.....	729, 730
Canned.....	794, 795, 850	Farm expenditures for.....	637, 638
Cold-storage holdings.....	686	Foreign aid.....	878
Dry, Commodity Credit Corp. loans.....	635	Foreign trade.....	722, 730, 882, 884-886, 890, 891
Peat.....	714	International investments.....	868
Pecans, production and value.....	652		
Pennsylvania. See State data.			

	Page
Petroleum and products—Continued	
Manufacture, summary	778, 779
Natural-gas liquids	728-730
Output of refineries (see also Petroleum-refining industry)	729, 730
Pipeline industry	562, 563, 580
Road oil	729, 731
Stocks	730
Wholesale trade	846-849
Employees	847, 849
Price indexes	329
Puerto Rico	922
Petroleum pipe lines	580
Petroleum-refining industry (see also Fuel oil):	
Average hours and earnings	229
Concentration of employment and output	778, 785, 786
Corporation sales, profits, and dividends	495
Employees	210, 778, 779, 785
Refinery products	729, 730
Summary	778, 779
Pharmaceuticals, concentration of output	787
Pharmacy, degrees conferred	130
Philippine Islands:	
Aid by U. S. Government	873, 874, 876
Area	159
Comparative international statistics	925-948
Exchange rates	940
Foreign trade	897, 903, 904
Gold and foreign exchange holdings	939
Gold and silver production	738
Immigration and emigration	94, 96
Insurance, life	483
Sugar produced	671
U. S. citizens naturalized from	102
U. S. international investments	868
Philosophy, degrees conferred	130
Phonographs and record players	822
Phosphate materials:	
Exports	587, 722
Mines, production and value	715
Summary	720, 721
Production (chemical)	808
Phosphate, public land leases	189
Photographic apparatus and material:	
Foreign trade	882, 884
Manufacture:	
Average hours and earnings	230
Employees	211, 222, 223, 780, 781
Excise taxes	372
Summary	780, 781
Retail trade	838, 839
Photographic studios, summary	852
Puerto Rico	922
Physicians	75, 220
Charges and personal expenditures for	76
Comparative international statistics	945, 946
Income	322
Prices, cities	334
Ratio of patients to	81
Physics, degrees conferred	130
Pig iron. See Iron.	
Pigments. See Paints.	
Pigs. See Hogs.	
Pilehard. See Sardines.	
Pimientos, canned	794
Pineapples:	
Acreage and production	612
Canned	794, 795
Pipe:	
Clay sewer, production and shipments	811
Iron and steel:	
Exports	816
Manufacture:	
Production	813
Shipments and unfilled orders	817
Pipeline transportation industry:	
Corporation income tax returns	382, 383
Internal revenue tax (oil)	372
Petroleum	562, 563, 580
Pipe smokers	798
Placements, public employment service	275, 280, 281
Plaster. See Concrete and plaster products.	
Plastic products, manufacture, employees	211
Plate glass. See Glass.	
Plates, sheets, etc.:	
Foreign trade	816
Production	813
Platinum-group metals	719, 722

	Page
Plumbing. See Heating and/or plumbing equipment, etc.	
Plums. See Prunes and plums.	
Plywood:	
Consumption and production	700
Wholesale price indexes	329
Poland:	
Aid by U. S. Government	871
Comparative international statistics	925-930, 932-938, 941-948
Immigration and emigration	89, 92-94, 96
Trade with U. S. (Poland and Danzig)	896
U. S. citizens naturalized from	102
U. S. resident aliens	98
Police departments. See Public safety.	
Political parties:	
Campaign expenditures and receipts	359, 360
Congress, composition of	353, 354
Congressional votes	344, 345, 349, 351, 352, 356
Presidential votes	344-348, 356
State legislatures, composition of	358
Political science, degrees conferred	130
Pollock, quantity and value of catch	707
Population:	
Abroad	8, 38, 39
Civilian population:	
By States	44
Marital status	44
Comparative international statistics	925, 926, 935, 936
Continental United States:	
Adult population	37, 344, 355, 356
Age:	
Distribution	3, 22, 25-29, 34, 39
Median age	22, 25, 27, 29, 39
School age	105, 106, 108, 109, 114, 115
Sixty-five years and over, characteristics	22, 23, 27, 34, 39, 299
Alien	37
Blind and deaf, enrollment in schools	131
By States	10-14, 23, 24, 26, 28-32, 35, 37, 40, 42, 48, 49
Center of	9
Cities	17-21
Citizenship	37
Civilian	5, 16, 25, 26
Color	22, 25, 27, 33
Components of change	11
Density	5, 14, 17-20
Estimates	5, 10, 26, 26
Farm	16, 23, 25, 27, 30, 611
Fertility	41-43, 61
Foreign born	30, 32, 33, 35-37
Households or families	4, 45-48
Illiteracy	113
In dwelling units	762
Institutional	49
Labor force. See Employment and labor force.	
Local governments	404
Marital status	34, 43, 45-47
Metropolitan areas	15, 16
Mobility	38-40, 611
Nativity	30, 32, 33, 35-38
Parentage	33, 35, 36
Percent increase	5, 11, 13, 15, 16
Projections	6, 7
Race	22, 30-34
Rank	13, 17-20
Religious affiliation	50
Reproduction rates	61
School years completed	34, 110-112
Sex	3, 22, 24, 25, 27, 30, 32, 37, 38
State of birth and of residence	38
Summary	4, 5, 8, 10, 12, 13, 21, 22
Tobacco smoking patterns	798
Urban and rural	4, 16, 21-23, 25, 30, 39, 611
Vital statistics of. See Vital statistics.	
Territories, possessions, etc.	8, 10, 12-14, 23, 24, 26, 28, 29, 44, 48, 907-909
Pork:	
Cold-storage holdings	686
Consumption	84, 680
Foreign trade	680
Prices:	
Local and Chicago markets	679
Retail	336
Production	679, 680
Portland cement. See Cement.	

	Page		Page
Ports:		Power plants. <i>See</i> Electric light and power in-	
Commerce of principal.....	588, 589	dustry.....	
Passenger travel.....	98	Precious metals, foreign trade.....	882, 884
Portugal:		Precipitation, selected cities.....	156, 172, 173
Aid by U. S. Government.....	871, 877	Pressing, alteration, garment repair shops.....	852
Comparative international statistics.....	925-948	Prices ( <i>see also individual commodities</i> ):	
Exchange rates.....	949	Bonds.....	466, 469
Gold and foreign exchange holdings.....	939	Coal.....	339
Immigration and emigration.....	89, 92-94, 96	Electricity.....	339-341
Trade with U. S.....	896	Export and import.....	342
U. S. citizens naturalized from.....	102	Farm parity.....	634
Portuguese Africa, trade with U. S.....	889	Farm-to-retail price spreads.....	636
Portuguese Asia, trade with U. S.....	897	Food (retail).....	336
Possessions. <i>See</i> Territories, possessions, etc.,		Gas.....	341
and individual areas.		Houses.....	759
Post Office Department:		Indexes:	
Buildings.....	184, 185	Comparative international statistics.....	929, 930
Employment.....	220, 221, 394, 397, 512	Consumers' price.....	327, 331-335, 610, 631
Expenditures.....	184, 185, 367, 369, 509-511	Export and import.....	389
Postal savings.....	437, 444, 462, 463, 509, 510, 512	Farm.....	610, 631
Postal service:		Purchasing power of the dollar.....	331
City and rural free delivery.....	511, 512	Retail.....	337, 338, 610, 631
Money-order business.....	509, 510, 512	Spot market.....	328
Post offices, number.....	509, 511, 513	Wholesale.....	327-331
Revenues and expenditures.....	369, 408, 411, 509-511, 513	Building materials.....	329, 330, 749
Summary.....	509	Iron and steel.....	330, 817
By State.....	513	Medical services, cities.....	334
Volume of business.....	509-513	Mineral products.....	713
Potash (potassium salts):		Newsprint.....	701
Foreign trade.....	722	Retail.....	335, 339
Production and value.....	715	Stocks.....	432, 466, 469
Summary.....	720, 721	Prime movers. <i>See</i> Power.	
Supply and shipments.....	719	Printing and publishing industries ( <i>see also indi-</i>	
Potash, public land leases and permits.....	189	<i>vidual classes</i> ):	
Potatoes:		Books and pamphlets.....	525, 526
Commodity Credit Corp. loans.....	635	Concentration of employment and output.....	785, 786
Comparative international statistics (production)	933	Contribution to national income.....	307
Consumption.....	84	Corporation income tax returns.....	382, 383
Irish:		Employees.....	210, 214, 222, 223, 778, 779, 788
Acreage, production and value.....	651, 654, 667	Expenditures:	
Alaska and Hawaii.....	912	Advertising.....	362
Canned.....	794	Plant and equipment.....	790
Prices:		Firms, mergers and acquisitions.....	505
Farm.....	634, 654, 667	Fuels and electric energy consumed, cost.....	790
Parity.....	634	Hours and earnings.....	229
Retail.....	336	Industrial and commercial failures.....	503
Sweet:		Injury-frequency and severity rates.....	234
Acreage, production, and value.....	651, 654, 666	Inventories.....	792
Territories and possessions.....	912	Newspapers and periodicals.....	523, 524
Canned.....	794	Production indexes.....	775
Consumption.....	84	Puerto Rico.....	920
Farm prices.....	634, 654, 666	Size of establishments.....	788
Parity.....	634	Summary.....	778, 779, 788
Pottery, manufacture:		Unemployment insurance.....	279
Average hours and earnings.....	229	Union wage rates and hours, indexes.....	233
Employees.....	210, 778, 779	Water use.....	793
Summary.....	778, 779	Work stoppages.....	238
Poultry ( <i>see also</i> Eggs):		Printing machinery:	
Canned.....	683	Foreign trade.....	882, 884
Cold-storage holdings.....	686	Shipments, value.....	820
Consumption.....	84	Printing paper, production.....	701
Farm income.....	620, 625, 633	Printing trades, indexes of union wage rates and	
Farms, number.....	620, 621	hours.....	233
Federal food distribution programs.....	85	Prisons and prisoners.....	139, 151-155
Number on farms and raised.....	680, 683-685	Private banks. <i>See</i> Banks.	
Territories and possessions.....	912	Private debt.....	389
Output and marketing indexes.....	644, 645	Private economy, output per man-hour.....	226
Prices:		Private household workers. <i>See</i> Domestic serv-	
Farm.....	634, 683	ice workers.	
Indexes.....	631	Private investments. <i>See</i> Investments.	
Farm-to-retail price spread.....	636	Private schools. <i>See</i> Education.	
Parity.....	634	Producers' equipment:	
Retail.....	336	Investment.....	303, 304
Processing.....	683	Value as component of national wealth.....	323, 324
Concentration of output.....	787	Production credit associations, loans and dis-	
Sold, value.....	620, 625, 680, 685	counts.....	454, 456, 457
Wholesale trade (dairy, poultry).....	846-849	Professional equipment, supplies, wholesale	
Power development, federally owned land.....	184	trade.....	848, 849
Power ( <i>see also</i> Electric light and power in-		Professional instruments. <i>See</i> Instruments.	
dustry):		Professional schools. <i>See</i> Education.	
Annual supply and consumption.....	528	Professional services:	
Electric.....	529-532, 534, 536	Employees.....	218-220, 224
Federal projects.....	534	Territories and possessions.....	907
Projections of electric energy requirements.....	528	Immigrants and emigrants qualified for.....	95
Tractive effort of railway locomotives.....	564, 566	Unemployment insurance.....	280
Water.....	528, 533	Professional, technical, and kindred workers:	
Power laundries. <i>See</i> Laundries.		Income.....	317, 322
		Number.....	218, 220, 224
		Federal employees.....	398
		Immigrants and emigrants.....	95

	Page		Page
Professional, technical, and kindred workers—Con.		Public works projects:	
Number—Continued		Construction contracts awarded	752, 754, 755
Nonwhite population	34	Construction expenditures, Federal	751
Percent distribution	219	Publishing industry. <i>See</i> Printing and publishing industries.	
Public employment service placements	280	Puerto Rico:	
Stocks owned	475	Adoptions	293
Vocational rehabilitation	294	Aliens naturalized	102
Profits:		Altitudes	104
Bank	439, 446	Area	8, 150, 160, 907
Corporation	489, 491, 492, 494-496	Banks	442
Merchandising firms	489	Broadcast stations	520
Property income	313	Climatic data	166-179
Property tax	404, 405, 411-413, 415, 419, 633	Commerce	915, 919
Assessed values	420-422	Date of accession	159
Puerto Rico	917	Employment and labor force	207, 907, 919
Proprietors, managers, and officials, except farm:		Employment placement service, public	281
Income	305, 313, 317, 322, 488	Farm Credit Administration	457
Number	218, 220, 221, 224, 483	Farmers Home Administration, loans	458
Immigrants and emigrants	95	Farms	911, 912
Nonwhite population	34	Federal aid for social security and related purposes	267
Percent distribution	219	Finances	917, 918
Unincorporated business	331	Forest tree distribution program	695
Protective service workers. <i>See</i> Public safety.		Governmental units	403
Prunes and plums:		Highway projects, Federal-aid	547, 548
Canned	794, 795, 850	Hospital facilities	78
Production and value	652, 670	Housing characteristics	910
Retail prices (prunes)	334	Income by industrial origin	918
Psychology, degrees conferred	130	Insurance, life	483
Public administration. <i>See</i> Government.		Internal revenue collections	373, 580, 917
Public assistance. <i>See</i> Welfare services.		Manufactures	920, 921
Public buildings, construction, value	745-749, 751	Mineral production	914
Construction contracts awarded	752, 754, 755	National forests	694, 695
Public debt:		Payments from receipts of	697
Federal Government	365, 366, 389-392, 409	Old-age and survivors insurance	273, 490
Interest on	366, 367, 369, 407, 408, 411, 414, 417, 419	Personal income and savings	919
Local governments	409, 410, 419	Population	8, 10, 12-14, 23, 24, 26, 28, 29, 907
State and local governments combined	389	Characteristics	907-909
	392, 408, 410, 412	Postal service	513
State governments	409, 410, 413, 418	Product, gross	919
Public domain. <i>See</i> Public lands.		Public assistance	287, 287-291
Public employment service placements	275, 280, 281	Savings and loan associations	461
Public-health nursing services	291	School-lunch program	85
Public Housing Administration:		Schools and education	112
Assets and liabilities	453		116-120, 126-128, 133, 134, 136, 908, 911
Number of dwelling units and projects	768, 769	Soil conservation districts	608
Public lands ( <i>see also</i> Forests):		Sugar produced	671, 913
Acquisition and area	180, 182, 183	Telephone systems	516
Disposal, summary	186	Trade (business)	922
Grazing districts	188	Unemployment insurance	254
Homestead entries	186-188	Veterans, Federal expenditures	910
Lands under jurisdiction of Bureau of Indian Affairs	190	Vocational rehabilitation	295
Leases, permits, licenses	189	Pullman Company, operating revenues	563
National park system	191	Pulp. <i>See</i> Paper and pulp industry.	
Ownership	182-185	Pulpstone and grindstones, production value	714
Farm land	612	Pulpwood:	
Parks	184, 191, 193, 411	Consumption	700
Receipts from	186, 189, 366	Imports	587
Utilization of	612	Prices	342
Vacant (unappropriated and unreserved)	187	Pumice, production and value	715
Public roads. <i>See</i> Highways.		Hawaii	914
Public safety:		Pumpkin and squash, canned	794, 795, 850
Communication (radio)	510	Pumps and compressors, shipments, value	820
Employees	223, 425-427, 430, 431	Pupils. <i>See</i> Education.	
Injury-frequency and severity rates	234	Purchasing power of the dollar	331
Payrolls	425, 428, 430	Pyrites, production and value	715, 734
Public expenditures	408, 411, 412, 414, 416, 419		
Public schools. <i>See</i> Education.			
Public service. <i>See</i> Service industries.			
Public utilities ( <i>see also</i> Railways, Electric light and power, etc.):			
Advertising	832		
Construction	746-752		
Contribution to national income	307		
Puerto Rico	918		
Corporation income tax returns	382, 383, 386		
Dividend payments	383, 470, 494, 496		
Employment service placements, public	280		
Expenditures for plant and equipment	497, 498		
Firms, number and turnover	487		
Income	382, 383, 386, 493		
Industrial injuries and rates	235		
International investments	868		
Stock and bond prices, yields, and issues	432		
	469-473		
Taxes (State)	413		
Unemployment insurance	279		
Public welfare. <i>See</i> Welfare services.			

	Page		Page
Radio—Continued		Rayon and related fabrics:	
Broadcasting—Continued		Foreign trade.....	881, 883
Operators licensed.....	519	Dutiable imports and duties.....	901
Special services.....	519	Manufacture:	
Stations.....	508, 519, 520	Mill consumption of fiber.....	800
Sets:		Output per man-hour.....	226
Advertising (radio and related products).....	800, 861	Production.....	799
Comparative international statistics.....	943, 944	Tire cord.....	800
Exports (radio and television).....	821	Wholesale price indexes.....	329
In households.....	822	Razors or shavers, sales, retail value, exports.....	821, 822
Manufacture:		Real-estate business ( <i>see also</i> Finance, insurance, and real estate):	
Concentration of employment and output.....	785, 786	Advertising expenditures.....	862
Excise taxes (radio and related products).....	372	Capital issues.....	471, 473
Output indexes.....	774	Contribution to national income.....	307
Puerto Rico.....	921	Puerto Rico.....	918
Sales and retail value.....	822	Corporation income tax returns.....	384, 385
Shipments, value (radio and related products).....	821	Employees.....	211, 221
Repair service (radio and television).....	853	Unemployment insurance.....	279
Retail trade (radio and television).....	836-839	Real-estate loans ( <i>see also</i> Farms).....	389
Wholesale price indexes.....	330	439, 443, 445, 455-458, 460, 628-630, 767	
Radioisotopes.....	542	Real-estate (nonfarm) foreclosures.....	767
Radiotelegraph carriers.....	517	Receipts ( <i>see also individual subjects</i> ):	
Radiotelephone service.....	518	Broadcast.....	521
Railroad Retirement Board:		Corporation.....	381-386, 488, 492
Employment.....	395	Farm marketings and government payments.....	631, 632
Expenditures.....	367	International transportation.....	533
Retirement system.....	265, 266, 268, 270, 282, 283	Livestock at principal markets.....	678, 679
Sickness benefits.....	265, 282, 283	Newspapers and periodicals.....	523
Unemployment insurance.....	265, 266, 268, 282, 283	Partnerships.....	488
Rails, iron and steel:		Proprietorships.....	488
Foreign trade.....	816	Puerto Rico.....	917
Production.....	813	Revenue:	
Railway replacement.....	566	Cities.....	404, 419
Railway and other construction work, explosives consumed.....	809	Local governments.....	400, 404, 405, 411, 419
Railway Express, operating revenues.....	563	States.....	400, 404, 405, 411, 413, 415, 416
Railways:		Service industries.....	852-866
Accidents and fatalities.....	71, 564, 569	United States Government.....	365, 400
Advertising.....	860	By sources.....	366, 368-370, 372, 373, 404, 406, 411
Building construction expenditures.....	746-748	Customs. <i>See</i> Customs receipts.	
Car loadings.....	568	From foreign governments.....	869
Car-miles, train-miles, ton-miles of freight, revenue tons, passenger-miles, etc.....	564, 567, 568	From national forests.....	696, 697
Communication (radio).....	519	From public lands.....	186, 189, 366
Companies, by class.....	565	Postal.....	509, 510, 513
Comparative international statistics (passenger-miles, short ton-miles).....	941, 942	Reclamation and irrigation, Federal land.....	184
Consumption of fuel.....	725, 727	Reclamation, Bureau of, irrigation projects.....	601, 604, 606
Contribution to national income.....	307	Reclamation service, land, entries and patents.....	187
Employees.....	211, 220-223, 564, 568	Reconstruction Finance Corporation:	
Equipment.....	564-566	Employment.....	395
Expenditures.....	497, 498	Expenditures.....	367
Manufacture:		Recreational areas and activities ( <i>see also</i> Entertainment and recreation services and Amusements):	
Employees.....	211, 780, 781	Fishing and hunting.....	192
Hours and earnings.....	230	Duck stamps issued (Federal).....	196
Shipments.....	815	Fisherman and hunters, number.....	197
Summary.....	780, 781	Licenses, number and cost.....	196
Finance:		Leases, public lands.....	189
Capital issues.....	471-473	National.....	191
Capitalization.....	564	National forests.....	192
Dividends.....	470, 494, 564	Parks:	
Income and profits.....	494, 564	Municipal and county, summary.....	194
Investment.....	564	Municipal.....	196
Revenues and expenses.....	563, 564, 566	National, acreage and visitors.....	191
Stock and bond prices and yields.....	432, 469, 470	State systems.....	193
Taxes.....	494, 564, 566	Personal expenditures.....	195
Freight traffic and revenue.....	562-565, 567, 568	Selected activities, summary.....	197
Inter-city traffic (domestic).....	563	Recreational and social buildings:	
Mileage owned and operated.....	564, 565	Construction.....	748, 752
Passenger traffic and revenue.....	563, 564, 568	Municipal and county parks.....	194, 195
Rails and ties laid.....	566	Red Cross, expenditures, income, and membership.....	296
Revenue traffic per man-hour.....	226	Refractories, shipments.....	811
Summary.....	564, 567	Refrigerators and refrigerating equipment:	
Wages and salaries.....	564, 568	Advertising.....	860
Railways, electric (includes street railways, trolley coach and bus lines):		Exports.....	821
Employees.....	211, 222, 570	In dwelling units.....	705, 822
Summary of operations.....	570, 571	Manufacture:	
Revenues.....	563	Concentration of employment and output.....	785, 796
Unemployment insurance.....	279	Excise taxes.....	372
Union wage rates and hours, indexes.....	233	Output indexes.....	774
Rainfall, selected cities.....	156, 172, 173	Shipments, sales, retail value.....	822, 823
Ramie. <i>See</i> Flax, hemp, and ramie.		On farms.....	636
Rates. <i>See individual subjects.</i>		Repair service.....	853
Raw materials. <i>See</i> Crude materials.		Refugees.....	90, 96, 97
		Rehabilitation, vocational.....	258, 265, 294, 295



	Page
Reindeer, number on farms in Alaska.....	912
Relief, loans and expenditures for, and persons on relief. <i>See</i> Red Cross and Welfare services.	
Religious education, degrees conferred.....	130
Religious statistics.....	50-52
Rents, dwelling units.....	764
Indexes.....	332-334
Repair services. <i>See</i> Business and repair services and Service Industries.	
Representation, congressional, by States.....	350
Reproduction rates.....	61
Research and development.....	371, 500, 751
Scientists and engineers employed.....	499
Reserve of banks. <i>See</i> Banks.	
Residential buildings. <i>See</i> Construction industry and Dwellings and dwelling units.	
Resorts and hotels, advertising.....	861
Restaurants. <i>See</i> Eating and drinking places.	
Retail trade ( <i>see also</i> Prices and Trade):	
Advertising.....	860, 862
Alaska, Hawaii, Puerto Rico.....	916, 922
Average hours and earnings.....	227, 230
Bank loans.....	445
Commercial failures.....	503
Commercial-industrial activities of U. S. Government.....	370
Comparative international statistics (indexes).....	929, 930
Consumer credit.....	464
Consumers' cooperatives.....	851
Contribution to national income.....	307
Corporation income tax returns.....	384, 385
Direct selling organizations.....	838, 839
Employees.....	211, 220, 221, 831-833, 837, 839
Income.....	384, 385, 493
Indexes of sales and stocks.....	827, 842
Inventories.....	500, 501, 830
Metropolitan areas.....	840, 841
Nonstore retailers.....	835, 838, 839
Payrolls.....	831-833, 837, 839
Sales.....	501, 827-829, 831-836, 838, 840-842
Single and multiunits.....	831
Size of establishment.....	831
Stores, number.....	487, 820, 831-836, 838, 840, 841
Legal form of organization.....	831
New, discontinued, etc.....	487
Surviving to specified age.....	502
Summary.....	832, 833, 836, 839
Unemployment insurance.....	279
Retailers' excise taxes.....	372
Retirement systems:	
Civil service.....	265, 266, 268, 284, 367, 404, 408
Federal, other than civil service.....	268
Old-age and survivors insurance.....	265,
266, 268, 270-273, 404, 408, 489, 490	
Persons not covered.....	270
Private plans, summary.....	271
Corporate pension funds.....	274
Railroad.....	265, 266, 268, 282, 283
State and local governments.....	265,
266, 268, 404, 408, 412-414, 431	
Revenue receipts. <i>See</i> Receipts.	
Rhode Island. <i>See</i> State data.	
Rhodesia-Nyasaland, aid by U. S. Government.....	872
Rice:	
Average, production, and value.....	647, 651, 654, 659, 660
Hawaii and Puerto Rico.....	912
Commodity Credit Corp. loans, inventories, cost of acquisition.....	635
Comparative international statistics (production).....	933
Consumption.....	84
Federal distribution programs.....	85
Foreign aid.....	878
Foreign trade.....	647, 649, 659
Prices:	
Export.....	342
Farm.....	634, 654, 660
Parity.....	634
Riding academies, business summary.....	853
Rivers, canals, harbors, etc.:	
Commerce, domestic and foreign.....	583, 588-590
Lengths of principal rivers.....	162
Roads, public. <i>See</i> Highways.	
Rock salt industry, summary.....	720, 72
Romania. <i>See</i> Rumania.	
Roofing and roofing materials, manufacture, shipments.....	809

	Page
Rosin and turpentine. <i>See</i> Turpentine and rosin.	
Rubber and rubber goods ( <i>see also</i> Tires and tubes):	
Foreign trade.....	587, 649, 807, 881, 883, 885, 886, 890, 891
Manufacture:	
Average hours and earnings.....	229
Concentration of employment and output.....	778,
785, 786	
Contribution to national income.....	307
Corporation income tax returns.....	382, 383
Employees.....	210, 214, 222, 223, 778, 779, 785, 789
Expenditures:	
Advertising.....	862
Plant and equipment.....	498, 790
Firms, mergers and acquisitions.....	505
Fuels and electric energy consumed, cost.....	790
Injury-frequency and severity rates.....	234
Inventories.....	792
Production, consumption, and stocks.....	807
Index.....	775
Size of establishments.....	789
Summary.....	778, 779, 789
Unemployment insurance.....	279
Water use.....	793
Work stoppages.....	238
Prices of crude:	
Import.....	342
Wholesale, indexes.....	329
Wholesale trade.....	848, 849
Rugs. <i>See</i> Floor coverings.	
Rumania:	
Comparative international statistics.....	925-928,
932-938, 943, 944, 948	
Immigration and emigration.....	89, 92-94, 96
Trade with U. S.....	896
U. S. citizens naturalized from.....	102
Rural delivery mail.....	511, 512
Rural Electrification Administration:	
Assets and liabilities.....	453
Electric program, summary.....	537
Loans.....	453, 454, 515
Telephone program, summary.....	515
Rural population. <i>See</i> Population.	
Russia. <i>See</i> Union of Soviet Socialist Republics.	
Rye:	
Average, production, and value.....	651, 653, 662
Commodity Credit Corp. loans, inventories, and cost of acquisition.....	635
Consumed in manufacture of liquors.....	797
Exports.....	885
Prices, farm.....	634, 653, 662
Parity.....	634
Volume of futures trading.....	466
Ryukyu Islands, aid by U. S. Government.....	873

## S

St. Marys Falls Canal (Sault Ste. Marie) traffic.....	590
St. Pierre and Miquelon, trade with U. S.....	894
Salaries, wages and wage rates ( <i>see also</i> Income and individual industries):	
Amusement, places of.....	853
Component of national income.....	306
Employment covered by social insurance and related programs.....	206, 270, 275, 276, 279, 280, 489, 490
Farm.....	215-217
Indexes.....	216
Federal employees.....	393, 398, 423
Hotels.....	853, 858
Libraries.....	131
Manufacturing industries:	
Alaska, Hawaii, Puerto Rico.....	910, 920, 921
Hours and earnings.....	227-232
Industrial groups and industries.....	776-781, 814
Payroll indexes.....	208
State distribution.....	312, 782, 783
Median, by years of school completed.....	108, 111
Military personnel.....	246, 896
Mineral industries.....	720, 721
Municipal employees.....	423, 425, 430, 431
Nonmanufacturing industries:	
Average earnings.....	227, 228, 230
Farm.....	631, 638, 640
Union rates, indexes.....	233
Of individuals filing income tax returns.....	378, 379
Personal income.....	305, 312, 313
Railways.....	564, 568
Retail trade.....	832, 833, 837, 839
Alaska, Hawaii, Puerto Rico.....	916, 922

	Page		Page
Salaries, wages and wage rates—Continued		Scientific instruments. <i>See</i> Instruments.	
Seamen	595	Scientists and engineers	398
Service industries	852-854	Research	499
Alaska, Hawaii, Puerto Rico	917, 922	Scotland ( <i>see also</i> United Kingdom), immigration and emigration	93, 94, 96
State and local government employees	423, 425, 428-430	Scouts, membership and units	292
Teachers	114, 119	Scrap (waste materials) dealers, wholesale trade	848, 849
Telegraph systems	517	Screens, shades, and blinds, manufacture, summary	776, 777
Telephone systems	515	Employees	209
Transit industry	570	Hours and earnings	228
Wholesale trade	844, 845, 847, 849	Sears, Roebuck and Company	841
Alaska, Hawaii, Puerto Rico	916, 922	Second-hand stores, retail trade	838, 839
Sales ( <i>see also individual commodities</i> ):		Securities:	
Business	501	Held by corporations	491
Corporation	459, 492, 495	Held by governmental corporations and credit agencies	391, 453, 455, 460
Credit	463, 464	Held by insurance companies	391, 475
Farm equipment, machinery, and parts	638	Holdings of banks	391, 432, 437, 439-444, 446, 447, 449
Futures	466	Holdings of individuals and businesses	474, 475
Merchandising firms	489	Holdings of State and local governments	391
Retail	501, 827-829, 831-836, 838, 840-842	Individual savings	399, 391
Alaska, Hawaii, Puerto Rico	916, 922	Interest-bearing government	390-392
Indexes	827, 842	Margin requirements on	466
Stocks and bonds, on exchanges	466-468	Maturity distribution of	391
Wholesale	501, 843-846, 848	Prices, sales, yields, and issues	466-473
Puerto Rico	922	Tax-exempt, outstanding	392
Sales of farm products through farmer cooperatives	641, 642	Value of, listed on New York Stock Exchange	466
Sales workers	218, 219, 221, 224	Security dealers and exchanges:	
Income	322	Average hours and earnings	230
Salmon:		Employees	211
Canned, quantity and value	708	Unemployment insurance	279
Foreign trade	710	Seeds:	
Catch	704, 706	Acreage, production, and value	651
Salt:		Output and marketing indexes	644, 645
Foreign trade	735	Commodity Credit Corp. loans, inventories, and cost of acquisition	635
Production and value	715, 735	Foreign aid	878
Hawaii and Puerto Rico	914	Foreign trade	649, 881, 883, 890, 891
Samoa, American:		Wholesale price indexes (hay, seeds)	329
Altitudes	164	Selective Service:	
Area	8, 159, 160, 907	Registrants' classification status	249-251
Banks	442	By wars	247
Commerce	915	Violations	139, 147, 148, 153, 154
Date of accession	159	Service industries ( <i>see also individual services</i> ):	
Mineral production	914	Bank loans	445
Population	8, 907	Commercial failures	503
Characteristics	907, 908	Commercial-industrial activities of U. S.	
Schools and education	116-119, 908	Government	370
Sand and gravel industry, summary	720, 721	Consumers' cooperatives	851
Sand, gravel, etc., production and value	715, 733	Contribution to national income	307
Territories, possessions, etc.	914	Puerto Rico	918
Sandstone, sales	733	Corporation dividends	385, 496
Sanitation, expenditures for. <i>See</i> Health, etc.		Corporation income-tax returns	384-386
Sardines:		Employees	208,
Canned, quantity and value	708, 795	211-213, 218, 219, 223, 225, 852-854, 858	
Catch	704, 706	Nonwhite population	34, 219
Imports	710	Territories and Puerto Rico	917, 922
Sauce and paste, canned	794, 795, 850	Employment service placements	280
Saudi Arabia:		Firms:	
Aid by U. S. Government	876	Legal form of organization	856
Comparative international statistics	925,	Number and turnover	487
926, 937, 938, 943, 944, 946-948		Surviving to specified age	502
Trade with U. S.	876, 897	Immigrants and emigrants qualified for	95
Sauerkraut, canned	794, 795, 850	Income	384-386, 493
Savings:		Income (workers)	322
Deposits, bank	309, 440, 441, 462	Industrial injuries	235
Individuals and businesses	309, 462	Personal consumption expenditures	303, 304, 308
Personal	303, 305, 308, 309, 462	Size of establishment	856
Components of	309	Summary—employees, payroll, receipts	852-856,
Postal	437, 444, 462, 463	858	
Selected long-term	309	Territories and Puerto Rico	917, 922
U. S. bonds	309, 390-392, 462	Unemployment insurance	280
Savings and loan associations:		Wage or salary disbursements	312
Financial items	460, 461	Wholesale trade (supply houses)	848, 849
Loans and mortgages	460, 461	Work stoppages	238
Nonfarm mortgages	767	Service stations. <i>See</i> Filling stations.	
Savings of individuals	309, 462	Service workers. <i>See</i> Service industries.	
Savings banks. <i>See</i> Banks.		Sewers and water systems, construction	746-748,
Sawtimber	689-691	754, 755	
Mortality, by cause	692	Debt, State and local governments	410
Sawmills. <i>See</i> Lumber and allied products.		Sewing machines, shipments, value	820
Scales and balances, shipments, value	820	Sex distribution. <i>See</i> Population, sex.	
School, etc., buildings, construction	746-749, 752	Seychelles, trade with U. S.	899
School bus operations	571	Shallots, acreage, production, and value	669
Travel	556	Shareowners, stocks	474, 475
School hygiene	291		
School-lunch programs	85, 86		
Expenditures, public	85, 135, 136, 265, 406		
Schools. <i>See</i> Education.			
Schools, Sunday or Sabbath	50-52		

	Page		Page
Sheep and lambs:		Social work, degrees conferred.....	130
Butchered and sold.....	679	Sociology, degrees conferred.....	130
Farm income.....	633	Sodium compounds ( <i>see also</i> Sodium nitrate):	
Inspected and slaughtered.....	679	Mines (natural), production and value.....	715
Number.....	675, 676	Production.....	808
Territories and possessions.....	912	Sodium nitrate, import prices.....	342
Prices:		Sodium, public land, leases, permits.....	189
Farms and parity.....	634	Soil conservation.....	607, 608
Local and Chicago markets.....	675, 677, 679	Loans.....	458
Receipts and shipments at stockyards.....	678	Sorghums:	
Shorn.....	803	All purposes, acreage and value.....	651
Shellac, import prices.....	342	Grain:	
Shellfish:		Acreage, production, and value.....	634,
Canned, quantity and value.....	708	Prices, farm.....	651, 655, 662
Catch.....	704-706	Parity.....	634, 651, 655, 662
Shipbuilding:		Commodity Credit Corp. loans, inventories,	634
Average hours and earnings.....	230	and cost of acquisition.....	635
Employees.....	211, 504, 780, 781, 785	Soups, canned.....	794
Summary.....	506-508, 780, 781	South America:	
Shipping. <i>See</i> Merchant Marine and Tonnage.		Immigration and emigration.....	93, 94, 96, 100
Ships:		Number of travelers and expenditures by U. S.	
Foreign aid.....	878	resident.....	99
Fuel consumption.....	725, 727	Trade with U. S.....	892, 895, 903, 904
Merchant marine.....	593, 594, 596-598	U. S. citizens naturalized from.....	102
Navy.....	248	South Carolina. <i>See</i> State data.	
Shoeshine parlors.....	852	South Dakota. <i>See</i> State data.	
Shoe repair shops, shoeshine parlors, hat clean-		Soybeans:	
ing, summary.....	852	Acreage, production, and value.....	647, 651, 655
Employees.....	852	Commodity Credit Corp. loans, inventories,	
Puerto Rico.....	922	and cost of acquisition.....	635
Shoe stores:		Exports.....	587, 647
Employees.....	837	Farm prices.....	634, 655
Puerto Rico.....	922	Parity.....	634
Retail trade.....	828-830, 836, 837	Volume of futures trading.....	466
Shoes. <i>See</i> Footwear.		Spain:	
Shorelines (tidal), by States.....	159	Aid by U. S. Government.....	871, 877
Shrimp:		Comparative international statistics.....	925-948
Canned, quantity and value.....	708	Exchange rates.....	940
Catch.....	704, 705	Gold holdings.....	939
Imports.....	710	Immigration and emigration.....	89, 92-94, 96
Siam. <i>See</i> Thailand.		Trade with U. S.....	896, 903, 904
Sierra Leone, World Health Organization as-		U. S. citizens naturalized from.....	102
sessment.....	948	Spanish Africa, trade with U. S.....	898
Sign-painting shops.....	852	Special delivery mail.....	510-512
Silica sands ( <i>see also</i> Quartz), public land leases.....	189	Special milk program.....	85
Silk (raw) and silk goods:		Expenditures, public.....	85
Consumption by mills.....	800	Speech and dramatic arts, degrees conferred.....	130
Foreign trade.....	649, 881, 883, 886, 887	Spending units. <i>See</i> Households or families.	
Dutiable imports and duties.....	901	Spices, foreign trade.....	881, 883
Prices:		Spinach, acreage, production, and value.....	669
Import.....	342	Canned.....	794, 795, 850
Wholesale, indexes.....	329	Spindles.....	801, 802, 804
Production (silk fabrics).....	799	Spirits and wines. <i>See</i> Liquors, etc.	
Silver:		Sporting and athletic goods:	
Circulation, and monetary stock.....	438	Foreign trade.....	882, 884
Foreign trade.....	737, 870	Manufacture:	
Prices.....	713, 737	Excise taxes.....	372
Production and value.....	716, 737, 738	Summary.....	780, 781
Alaska.....	914	Retail trade.....	838, 839
Summary.....	720, 721, 737	Wholesale trade.....	848, 849
Silverware and jewelry, manufacture, sum-		Sports promoters, commercial operators.....	853
mary.....	780, 781	Spot market prices, indexes.....	328
Average hours and earnings.....	230	Squash and pumpkin, canned.....	794, 795, 850
Employees.....	211	Stampings (metal), manufacture:	
Single persons. <i>See</i> Marital status.		Concentration of employment and output.....	780,
Sisal, production.....	678	785, 786	
Sisal, import prices.....	342	Employees.....	210
Skating rinks, business summary.....	853	Summary.....	780, 781
Skelp, production.....	813	Stamps, postage, receipts from.....	509
Skins. <i>See</i> Hides, etc.		State and local governments (combined data)	
Slate, production and value.....	715	( <i>See also</i> individual governmental units):	
Slaughtering and meat-packing industry. <i>See</i>		Contribution to national income.....	307
Meat and meat products.		Debt.....	389, 391, 392, 409-411
Small Business Administration, assets and lia-		Employment and payrolls.....	423-429
bilities.....	453	Expenditures:	
Small grains cut for hay.....	651	Civil defense.....	244
Smelt, imports.....	710	Construction.....	748, 751
Smelting and refining industry:		Social insurance, etc.....	264, 265
Average hours and earnings.....	229	Federal grants and aid.....	266
Employees.....	210	Finances.....	400, 404, 405, 407-409, 411, 412
Snow, sleet, and hail, selected cities.....	174	Funds, sources and uses.....	310
Soap:		Intergovernmental transactions.....	266,
Advertising.....	800, 861	267, 406, 407, 412	
Foreign trade.....	882, 884	Forest land area owned by.....	688
Manufacture:		Governmental units.....	403
Average hours and earnings.....	229	Purchases of goods and services.....	303, 304
Employees.....	210	Retirement systems.....	265, 266, 268, 404, 408
Summary.....	778, 779	U. S. securities held by.....	391
Social insurance. <i>See</i> individual programs.		Wage or salary disbursements.....	313

	Page
State banks. <i>See</i> Banks.	
State data (for individual States):	
Adoptions.....	293
Airports, aircraft, etc.....	579
Aliens.....	98, 102
Altitudes.....	164
Mountain peaks.....	163
Animals, domestic, number and value.....	676, 677
Area.....	160
Lakes.....	161
Water.....	160, 161
Assessed property, values.....	420-422
Banks, assets, liabilities, and deposit insurance.....	442, 451
Births and birth rates.....	11, 58, 59
Broadcast stations.....	520
Cement (Portland) production.....	732
Coal reserves.....	727
Coastlines.....	159
Community Chest and United Fund campaigns.....	297
Construction contracts awarded.....	753, 755
Copper, mine production.....	738
Cotton, consumption, and spindle activity.....	801
Crime rates.....	141
Crops, principal (acreage, production, and value).....	657, 658, 660-663, 665-670, 672, 673
Dairy products sold.....	682
Deaths and death rates.....	11, 66, 67, 69, 70
Dentists.....	75
Dwelling units, number and characteristics.....	764
Elections.....	346-353, 355-358
Electric bills.....	340
Electric power.....	530-532
Employment:	
Class of worker.....	225
Federal government.....	397, 424
Local governments.....	424
Nonagricultural.....	212, 213
Occupation group.....	224, 225
Placement service, public.....	281
State and local governments (combined data).....	424, 426-429
State government.....	424
Status.....	207
Farmer cooperatives.....	642
Farms.....	623
Acreage.....	613-615
By utilization.....	613, 614
Facilities.....	639
Income.....	624, 625, 632
Irrigated land.....	603
Labor.....	215, 640
Mortgaged.....	629
Number.....	615, 619, 621, 627
Value of farm products sold.....	624, 625
Value, land and buildings.....	616
Assessed values.....	422
Indexes.....	617
Firms, number.....	488
Fisheries, quantity and value of catch.....	705, 706
Flour production.....	656
Forest fire control, expenditures.....	693
Forest land, area and ownership.....	688
Forest products.....	702
Forest tree distribution program.....	695
Foundations.....	298
Fruit production.....	670
Fuel production.....	725, 726, 729-731
Gas utility industry, customers and revenues.....	539
Gasoline tax rates.....	553
Gold and silver production.....	738
Government credit agencies, loans and discounts.....	457, 458
Government finances:	
Federal.....	373, 380
Intergovernmental transactions.....	267
State.....	287, 291, 295, 416, 417
Governmental units.....	403
Hospital facilities.....	78
Households or families.....	48
Indian lands.....	190
Industrial and commercial failures.....	504
Insurance business.....	477, 481, 483
Irrigation enterprises.....	602, 603
Labor union membership.....	235
Land and buildings, Federal.....	183
Lawyers.....	150
Lead, mine production.....	740

	Page
State data—Continued	
Licenses, fishing and hunting.....	196
Life table.....	61
Manufactures, general statistics.....	782, 783
Expenditures for new plant and equipment.....	791
Hours and earnings.....	231
Marital status.....	44
Marriages and divorces.....	72-74
Maternal and child health and welfare services.....	291
Mental defectives and epileptics.....	80
Mineral production, value.....	714-717
Motion picture theaters, summary.....	857
Motor-vehicle accident fatalities.....	560
Motor-vehicle operators' licenses.....	554
Motor-vehicle registrations and revenues.....	557, 558
National forests.....	192, 694, 695, 697
Newspapers, number and circulation.....	524
Old-age and survivors insurance.....	273, 490
Parks.....	191, 193, 194
Personal income.....	311-314
Persons of voting age.....	37, 355
Physicians.....	75
Pig iron and ferroalloys, production.....	812
Population.....	10-14, 23, 24, 26, 28-32, 35, 37, 40, 42, 44, 48, 49
Postal service operations.....	513
Poultry and eggs.....	684, 685
Prisoners.....	152, 155
Public assistance.....	267, 287-290
Public lands.....	186-189
Railroad retirement, survivor, unemployment, and sickness benefits.....	283
Railways.....	565
Retail trade, summary.....	832-835
Rivers.....	162
Roads and highways.....	546-548, 551, 552
Salt production.....	735
Savings and loan associations.....	461
Sawtimber.....	689, 690, 692
School-lunch program.....	86
Schools and education.....	104, 112, 115-121, 126-128, 134, 136
Federal aid.....	133, 134, 136, 267
Selective Service.....	251
Service establishments, summary.....	854, 855
Soil conservation, summary.....	608
Stock ownership.....	474
Sugar and sirup production.....	673
Telephone systems.....	516
Unemployment insurance.....	276-278
Veterans, expenditures.....	254, 255
Vocational rehabilitation.....	293
Water power.....	536
Wholesale trade, summary.....	844, 845
Wool manufacturing equipment.....	804
Work stoppages.....	239
Workmen's compensation payments.....	285
Zinc production.....	741
State governments ( <i>see also</i> State and local governments):	
Debt.....	410
Employees and payrolls.....	220, 423-425, 429
Finances.....	400, 404, 405, 407-409, 411, 413-418
Intergovernmental transactions.....	287, 291, 295, 407, 413, 414, 416, 417, 419
Park systems.....	193
Retirement systems.....	404, 408, 413, 414, 431
Taxes.....	400, 404, 405, 411, 413, 415, 416
Assessed property values.....	420-422
Unemployment insurance.....	266, 268, 275-278
State guard, communication (radio).....	519
State highways. <i>See</i> Highways.	
State park systems.....	193
Stationery and book stores.....	838, 839
Statuary and art goods, foreign trade.....	882, 884
Steam engines and turbines ( <i>see also</i> Locomotives):	
In electric light and power plants:	
Electric energy generated by.....	529
Installed capacity.....	529
Shipments, value.....	820
Steel production. <i>See</i> Iron and steel and products.	
Steel works and rolling mills ( <i>see also</i> Iron and steel), production.....	813
Consumption of coal.....	725
Output per man-hour.....	226
Summary.....	778, 779, 814
Stock exchanges, securities listed on, and sales.....	466-468
Margin accounts, balances.....	468

	Page
Stock raising homestead entries and patents.....	180
Stocks:	
Comparative international statistics (market prices, indexes).....	929, 930
Ownership.....	474, 475
Prices, yields, sales, issues, etc.....	466-473, 497
Stocks, commodity ( <i>see also individual commodities</i> ):	
Retail trade.....	827, 830, 842
Wholesale trade.....	843-840, 848, 850
Stockyards, receipts and shipments.....	678
Stokers, mechanical, shipments.....	819, 820
Stone:	
Foreign trade.....	882, 884
Industries, summary.....	720, 721
Production and value.....	715
Territories, possessions, etc.....	914
Sales and use.....	733
Stone, clay, and glass products industry:	
Concentration of output.....	778
Contribution to national income.....	397
Puerto Rico.....	918
Corporation income tax returns.....	382, 383
Employees.....	210, 214, 222, 223, 778, 779, 789
Expenditures:	
Advertising.....	862
Plant and equipment.....	498, 790
Firms, mergers and acquisitions.....	505
Fuels and electric energy consumed, cost.....	790
Hours and earnings.....	229
Industrial failures.....	503
Injury-frequency and severity rates.....	234
Inventories.....	792
Production indexes.....	775
Puerto Rico.....	921
Size of establishments.....	785
Summary.....	778, 779, 789
Unemployment insurance.....	279
Water use.....	793
Wholesale trade.....	848, 849
Work stoppages.....	238
Stores, warehouses, etc., construction.....	746-749
Stoves and ranges:	
Exports.....	821
Output indexes.....	774
Sales and retail value.....	822
Shipments.....	819, 821
Strawberries:	
Acreage, production, and value.....	652, 669
Cold-storage holdings.....	686
Street railways. <i>See</i> Railways, electric.	
Strikes and lockouts. <i>See</i> Work stoppages.	
Strontium minerals, production and value.....	715
Structural clay products. <i>See</i> Brick, tile, etc.	
Structural iron and steel:	
Foreign trade.....	816
Production.....	813
Wholesale price indexes.....	330
Structural metal works ( <i>see also</i> Iron and steel):	
Average hours and earnings.....	229
Concentration of employment and output.....	780.
Employees.....	785, 786
Puerto Rico.....	210
Summary.....	921
Structures, as component of national wealth.....	780, 781
Structures, as component of national wealth.....	323, 324
Students in universities and colleges ( <i>see also</i> Education).....	108, 109, 123-127, 132
Nonimmigrant aliens.....	97
Subway and elevated railways.....	570
Sudan:	
Comparative international statistics.....	940-948
Trade with U. S.....	898
Sugar:	
Commodity Credit Corp. cost of acquisition.....	635
Consumption.....	84, 671
Foreign aid.....	878
Foreign trade.....	587, 649, 881, 883, 886, 890, 891
Dutiable imports and duties.....	901
Import indexes.....	648
Internal revenue tax.....	372
Maple, and sirup, production.....	673
Prices:	
Export and import.....	342
Retail.....	336
Wholesale indexes.....	329
Production.....	671-673, 913
Comparative international statistics.....	934

	Page
Sugar—Continued	
Refining and manufacture:	
Employees.....	209
Hours and earnings.....	223
Output per man-hour.....	226
Puerto Rico.....	920
Summary.....	776, 777
Stocks.....	671
World production.....	671
Sugar beets:	
Acreage, production, and value.....	651, 672
Farm price.....	672
Sugar cane:	
Acreage, production, and value.....	651, 672, 673, 913
Hawaii, Puerto Rico.....	912
Farm price.....	672
Sugar crops:	
Acreage, production, and value.....	651, 672, 673, 913
Hawaii, Puerto Rico.....	912
Farm income.....	633
Output and marketing indexes.....	644, 645
Suicides.....	68, 142
Sulfates, production.....	808
Sulfur:	
Foreign trade.....	587, 722, 734
Production and value.....	715, 734
Public land permits.....	189
Summary.....	720, 721, 734
Wholesale prices.....	713, 734
Sulfuric acid, production.....	808
Comparative international statistics.....	937, 938
Summer schools.....	132
Sunday or Sabbath schools.....	50-52
Sunshine, selected cities.....	175
Supreme Court, U. S.....	144
Surgical instruments, manufacture, summary.....	780, 781
Employees.....	211
Hours and earnings.....	230
Surgical insurance.....	480, 481
Surinam, trade with U. S.....	895
Sweden:	
Aid by U. S. Government.....	871, 877
Comparative international statistics.....	925-930, 932-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Immigration and emigration.....	89, 92-94, 96
Trade with U. S.....	895, 903, 904
U. S. citizens naturalized from.....	102
Sweetpotatoes. <i>See</i> Potatoes.	
Swimming pools, business summary.....	853
Municipal parks, number in.....	195
Swine. <i>See</i> Hogs.	
Switchboard apparatus, shipments, value.....	821
Switzerland:	
Comparative international statistics.....	925-930, 932-948
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Immigration and emigration.....	89, 92-94, 96
Trade with U. S.....	895, 903, 904
U. S. citizens naturalized from.....	102
Swordfish, imports.....	710
Syria:	
Comparative international statistics.....	925-930, 932-938, 940-948
Emigrant aliens departing for.....	94
Exchange rates.....	940
Trade with U. S.....	896
U. S. citizens naturalized from.....	102
T	
Taiwan. <i>See</i> Formosa.	
Talc, pyrophyllite, and soapstone.....	715
Tallow and grease (animal):	
Exports.....	647
Production, consumption, stocks.....	647, 674
Tangerines. <i>See</i> Oranges.	
Tanger, trade with U. S.....	898
Tanneries, summary.....	778, 779
Tanning and dyeing materials, foreign trade.....	881, 883
Tar products, shipments.....	809
Tariff. <i>See</i> Customs receipts.	
Taxation ( <i>see also</i> Customs receipts):	
Electric utilities.....	535
Farm property.....	631, 633
Gas utility and pipeline industry.....	540
Motor-fuel taxes and motor-vehicle fees.....	372.
	413, 415, 552, 553, 555, 633

	Page		Page
Taxation—Continued		Tennessee Valley Authority—Continued	
National (internal revenue):		Expenditures.....	184, 185, 367
Collections, by sources.....	372, 373	Land and buildings.....	184, 185
Corporation income tax.....	368,	Tennis courts, municipal parks, number in.....	195
369, 372, 373, 381-386, 404, 405, 411, 491, 492, 494		Tenure. <i>See</i> Dwellings and dwelling units and	
Employment tax.....	369, 372, 373	Farms.....	
Estate and gift taxes.....	369	Terra cotta. <i>See</i> Brick, tile, etc.	
Excise taxes.....	368, 369, 372	Territorial accessions of the U. S.....	159
Federal estate and gift taxes.....	372,	Territories, possessions, etc.....	8,
387, 388, 404, 405, 411		10, 12-14, 23, 24, 26, 28, 29, 44, 48, 58, 66, 69, 70, 72-75,	
Individual income tax.....	368,	78, 102, 159, 160, 185, 244, 254, 907-912, 914-922.	
369, 372-380, 404, 405, 411		Texas. <i>See</i> State data.	
Rates and liabilities.....	374, 375, 379	Textile industry ( <i>see also</i> Textiles):	
Self employment tax.....	376	Average hours and earnings.....	228
Summary.....	366, 372, 373	Contribution to national income.....	307
By States.....	373	Corporation income.....	382, 383, 493
Property tax.....	404, 405, 411, 413, 415, 419, 633	Corporation income tax returns.....	382, 383
Assessed values.....	420-422	Employees.....	209, 214, 221-223, 776, 777, 788
Puerto Rico.....	917	Expenditures:	
Railways.....	564, 566	Advertising.....	862
State and local.....	400, 404, 405, 411-413, 415, 416, 419, 633	Plant and equipment.....	498, 790
Assessed property values.....	420, 421	Firms, mergers and acquisitions.....	505
Telephone and telegraph.....	372, 514, 515	Fuels and electric energy consumed, cost.....	790
Tax-exempt securities outstanding.....	392	Industrial failures.....	503
Taxicab communication (radio).....	519	Injury-frequency and severity rates.....	234
Tes:		Inventories.....	782
Consumption.....	84	Production indexes.....	775
Foreign trade.....	649, 887	Products.....	799, 801, 804
Import prices.....	342	Puerto Rico.....	920
Teacher-training schools.....	124, 125	Size of establishments.....	788
Teachers, number.....	114,	Summary.....	776, 777, 788
115, 119, 121, 124, 125, 127, 220		Unemployment insurance.....	279
By annual rate of pay, State and local govern- ments.....	423	Water used.....	793
For exceptional children.....	131	Work stoppages.....	238
Vocational schools.....	132	Textile machinery, shipments, value.....	820
Technological schools.....	124	Textiles ( <i>see also</i> individual commodities):	
Telegraph and telephone apparatus, manufac- ture:		Foreign aid.....	878
Average hours and earnings.....	230	Foreign trade.....	881, 883, 890, 891
Employees.....	211	Wholesale price indexes.....	323, 329
Shipments, value.....	821	Wholesale trade.....	848, 849
Telegraph and telephone systems:		Thailand (Siam):	
Average hours and earnings.....	230	Aid by U. S. Government.....	873, 876
Coaxial tube, mileage.....	514	Comparative international statistics.....	925-948
Comparative international statistics.....	943, 944	Exchange rates.....	940
Construction expenditures.....	746-748	Gold and foreign exchange holdings.....	939
Consumers' cooperatives (telephone).....	851	Trade with U. S.....	897, 903, 904
Contribution to national income.....	807	Theaters, etc.:	
Corporation income tax returns.....	382, 383	Admissions tax.....	372
Employees.....	211, 220-223, 514, 515, 517	Advertising expenditures.....	862
Injury-frequency and severity rates (tele- phone).....	234	Motion picture, summary.....	857
Line and wire mileage.....	514-518	Theological schools.....	124
Microwave radio relay mileage.....	514	Theology, degrees conferred.....	130
Ocean-cable carriers.....	517	Therapeutic apparatus, shipments, value.....	821
Output per employee (telegraph).....	226	Thread. <i>See</i> Yarn, thread, etc.	
Profits and dividends.....	494, 515, 517	Tile. <i>See</i> Brick, tile, etc.	
Radiotelegraph carriers.....	517	Timber ( <i>see also</i> Lumber and allied products):	
Radiotelephone.....	518	Consumed in veneers.....	700
Summary.....	514, 515, 517, 518	Mortality, by cause.....	692
Taxes.....	514-516	Removed from forests.....	686
Excise.....	372	Volume, growth, and cut.....	689-691
Unemployment insurance.....	279	Time loans, interest rates on.....	465
Telephone-answering service.....	852	Tin:	
Telephone apparatus. <i>See</i> Telegraph and tele- phone apparatus.		Consumption and sources of supply.....	719, 741
Telephone systems. <i>See</i> Telegraph and tele- phone systems.		Foreign trade.....	719, 722, 741, 886
Telephones, number.....	514-516	Prices:	
Comparative international statistics.....	943, 944	Imports (tin, bars, blocks, pigs).....	342
On farms.....	636, 639	Wholesale.....	713, 741
Television ( <i>see also</i> Radio):		Production.....	716, 741
Broadcasting.....	508, 519-522	Alaska.....	914
Advertising.....	858-861	Summary.....	741
Corporation income tax returns.....	382, 383	Tin plate, terneplate, etc.:	
Sets:		Exports.....	816
Advertising.....	860, 861	Production.....	813
Comparative international statistics.....	943, 944	Tinware, manufacture:	
In households.....	522, 822	Average hours and earnings.....	229
Farms.....	636	Concentration of output.....	780, 787
Output indexes.....	774	Employees.....	210
Sales and retail value.....	822	Summary.....	780, 781
Wholesale price indexes.....	330	Tire cord and fabric, production.....	800
Temperature, selected cities.....	167-171	Tires and tubes:	
Tennessee. <i>See</i> State data.		Exports.....	555
Tennessee Valley Authority:		Manufacture:	
Assets and liabilities.....	453	Average hours and earnings.....	229
Employment.....	395	Concentration of output.....	778, 786
		Employees.....	210
		Excise taxes.....	372
		Production, shipments, and inventories.....	555
		Summary.....	778, 779
		Repair shops.....	852

	Page		Page
Tires and tubes—Continued		Trade (business) ( <i>see also</i> Commerce, Foreign trade, Retail trade, and Wholesale trade):	
Retail trade (tire, battery, accessories).....	828-830,	Advertising expenditures.....	862
	836, 837	Bank loans.....	445
Wholesale trade (tire, battery, accessories)....	846, 847	Bankruptcies filed (merchants).....	506
Price indexes.....	329	Commercial failures.....	503
Puerto Rico.....	922	Comparative international statistics.....	931
Titanium concentrate.....		Contribution to national income.....	307
Production and value.....	716	Puerto Rico.....	918
Supply and shipments.....	719	Corporation income tax returns.....	384-386
Tobacco:		Dividend payments.....	885, 496
Acreage, production, and value.....	647, 651, 655, 663	Employees.....	208, 211-213, 219-223
Output and marketing indexes.....	644, 645	Territories and possessions.....	907
Puerto Rico.....	912	Employment service placements, public.....	280
Advertising.....	860-862	Firms:	
Commodity Credit Corp., loans.....	635	Number and turnover.....	487
Consumption per person.....	799	Surviving to specified age.....	502
Farm income.....	633	Hours and earnings.....	230
Foreign aid.....	878	Income.....	384-389, 493
Foreign trade.....	647, 649, 663, 881, 883, 885, 886, 890, 891	Injuries and rates.....	235
Dutiable imports and duties.....	901	International investments.....	868
Indexes.....	648	Sales and inventories.....	500, 501
Leaf consumption.....	798	Unemployment insurance.....	279
Manufacture:		Wage or salary disbursements.....	312
Average hours and earnings.....	228	Hawaii.....	312
Concentration of output.....	776	Work stoppages.....	238
Concerns, mergers, and acquisition.....	505	Trade and industry, vocational training in....	132-134
Consumption in.....	798	Professional degrees conferred.....	130
Contribution to national income.....	307	Trade areas, foreign trade by.....	588, 586
Puerto Rico.....	918	Trademarks.....	499
Corporation income tax returns.....	382, 383	Civil cases filed in courts.....	145
Employees.....	209, 214, 222, 223, 776, 777, 788	Trades, indexes of union wage rates and hours....	233
Expenditures for plant and equipment.....	790	Trailer parks business summary.....	853
Fuels and electric energy consumed, cost.....	790	Trailers (household) retail trade ( <i>see also</i> Motor vehicles).....	830, 837
Injury-frequency and severity rates.....	234	Training schools for delinquents. <i>See</i> Education, special schools, etc.	
Inventories.....	792	Transformers, shipments, value.....	821
Output per man-hour.....	226	Transit industry, summary.....	570
Production.....	798	Communication (radio).....	519
Indexes.....	775	Employees.....	425, 430, 431, 570
Puerto Rico.....	920	Local government enterprise.....	404, 408, 412, 419
Size of establishments.....	788	Wages and salaries.....	570
Summary.....	776, 777, 788	Transportation, communications, and other public utilities ( <i>see also</i> individual industries):	
Unemployment insurance.....	279	Average hours and earnings.....	230
Water use.....	763	Bank loans.....	445
Work stoppages.....	238	Commercial-industrial activities of U. S. Government.....	370
Personal expenditures.....	315	Comparative international statistics.....	931, 941, 942
Prices:		Contribution to national income.....	307
Export.....	342	Employees.....	208, 211-213, 219-223
Farm.....	655, 663	Territories and possessions.....	907
Indexes.....	631	Employment service placements, public.....	280
Wholesale indexes.....	330	Expenditures:	
Retail trade.....	838, 839	Federal Government.....	406, 751
Smoking patterns.....	798	Plant and equipment.....	494, 497, 498
Taxes.....	372, 413, 415	Firms:	
Puerto Rico.....	917	Number and turnover.....	487
Wholesale trade.....	846, 847	Surviving to specified age.....	502
Tobago and Trinidad, trade with U. S.....	894	Income.....	382, 383, 403
Toilet preparations, etc.:		Unemployment insurance.....	279
Advertising.....	860, 861	Wage or salary disbursements.....	312
Foreign trade.....	882, 884	Hawaii.....	312
Retailers' excise taxes.....	372	Work stoppages.....	238
Wholesale trade.....	846, 847	Transportation equipment:	
Tomatoes:		Foreign aid.....	878
Acreage, production, and value.....	669	Manufacture:	
Canned.....	794, 795, 850	Average hours and earnings.....	230
Retail prices (canned).....	336	Concentration of output.....	780
Tonnage:		Contribution to national income.....	307
Comparative international statistics (shipping)....	941,	Corporation income.....	382, 383, 493
	942	Corporation income tax returns.....	382, 383
Entered and cleared in foreign trade.....	591, 592	Employees.....	211, 214, 221-223, 780, 781, 789
Of domestic commerce.....	583, 588-590	Expenditures for plant and equipment.....	498, 790
Of merchant marine.....	593, 594, 599-598	Firms, mergers and acquisitions.....	505
Of waterborne foreign commerce.....	582-680	Fuels and electric energy consumed, cost.....	790
Through Panama Canal.....	591	Industrial failures.....	503
Tonsilectomy, prices, cities.....	334	Injury-frequency and severity rates.....	234
Tools. <i>See</i> Cutlery, etc., and Machine tools.		Inventories.....	792
Tooth filling, prices, cities.....	334	Production indexes.....	775
Townships and special districts:		Puerto Rico.....	921
Employment and payrolls.....	425	Shipments.....	819
Retirement.....	404, 408	Size of establishments.....	780
Finances.....	404, 408, 409	Summary.....	780, 781, 789
Governmental units.....	403	Unemployment insurance.....	279
Population.....	404	Water use.....	703
Toys. <i>See</i> Games, toys, etc.		Work stoppages.....	238
Traction companies. <i>See</i> Railways, electric.		Wholesale trade.....	848, 849
Tractors:			
Foreign trade.....	824, 882, 884, 890, 891		
Manufacture:			
Shipments.....	820, 824		
Summary.....	780, 781		
Number on farms.....	638, 639		





	Page
Veal ( <i>see also</i> Beef):	
Consumption.....	84, 680
Foreign trade.....	680
Prices, local and Chicago markets.....	679
Production.....	679, 680
Vegetable oils. <i>See</i> Oils.	
Vegetables ( <i>see also</i> Fruits and vegetables and individual commodities):	
Acreage, production, and value.....	650, 651, 659
Output and marketing indexes.....	644, 645
Territories and possessions.....	912
Canned.....	794, 795, 850
Cold-storage holdings.....	686
Consumption.....	84
Farm sales, value.....	620, 624, 633, 652
Farms, number.....	620, 621
Federal distribution programs.....	85
Foreign aid.....	878
Foreign trade.....	649, 831, 832
Vehicle. <i>See</i> Motor vehicles, Tractors, etc.	
Vending machines. <i>See</i> Coin-operated machines.	
Veneers, wood consumed for.....	700
Venezuela:	
Aid by U. S. Government.....	877
Comparative international statistics.....	925-930,
	932-945
Exchange rates.....	940
Gold and foreign exchange holdings.....	939
Trade with U. S.....	805, 903, 904
U. S. international investments.....	838
Vermiculite.....	715
Vermont. <i>See</i> State data.	
Vessels. <i>See</i> Ships.	
Veterans Administration:	
Assets and liabilities.....	453
Employment.....	305, 307
Expenditures.....	184, 185, 253, 307, 751
Home loans.....	758, 758
Land and buildings.....	184, 185
Veterans affairs:	
Employment service placements, public.....	280, 281
Pensions and other benefits:	
Bonus payments.....	255
Debt, State and local governments.....	410
Disability, service-connected.....	256
Disbursements.....	240, 242, 253-255,
	260, 264, 265, 366, 368, 369, 406, 408, 411, 414
Education and training.....	135, 136, 253-255, 258, 369
Hospital or domiciliary care.....	253-255, 257, 258, 398
Housing.....	255
Life insurance.....	253, 254, 257, 367, 408
Loans guaranteed and insured.....	253, 254, 256
Pensioners on rolls by wars.....	256
Readjustment allowances.....	253, 254, 306
Unemployment allowances.....	208, 277
Veterans or dependents receiving.....	256-258, 277
Veterans in civil life.....	252
Federal Government employees.....	399
Vetoed bills, congressional.....	354
Viet-Nam:	
Aid by U. S. Government.....	873, 876
Comparative international statistics.....	925,
	926, 932-934, 937, 938, 941-944, 946-948
Virgin Islands:	
Adoptions.....	293
Aliens naturalized.....	102
Altitudes.....	164
Area.....	8, 159, 160, 907
Banks.....	442
Broadcast stations.....	520
Commerce.....	915
Date of accession.....	159
Employment placement service, public.....	281
Farmers' Home Administration, loans.....	458
Federal aid for Social Security and related purposes.....	267
Housing characteristics.....	910
Old-age and survivors insurance.....	273, 490
Population and characteristics.....	8, 907-909
Postal service.....	513
Public assistance.....	267, 287-291
School-lunch program.....	86
Schools and education.....	117, 119, 133, 134, 136, 508, 911
Soil conservation districts.....	608
Stone production.....	914
Unemployment insurance.....	277
Vital statistics.....	910
Virginia. <i>See</i> State data.	
Visitors to park areas.....	191, 193
Visits to national forests.....	696

	Page
Vital statistics:	
Births and birth rates:	
As component of population change.....	11
By age of mother.....	57, 60
By color.....	56, 57, 59
By order of birth.....	57
By person in attendance.....	57
By sex.....	57
By States.....	11, 58, 59
By urban and rural areas.....	59
Illegitimate.....	60
Summary.....	55-57
Comparative international statistics.....	927, 928
Deaths and death rates ( <i>see also</i> Accidents and fatalities):	
As component of population change.....	11
By age groups and sex.....	65
By cause.....	68, 69, 71
By color.....	64, 65, 67, 70
By States.....	11, 66, 67, 69, 70
By urban and rural areas.....	67
Petal.....	64
In mental institutions.....	79
In prisons and reformatories.....	151
Infant.....	64, 65, 70
Maternal.....	64
Summary.....	55, 56, 65
Fertility.....	41-43
Life tables.....	60-63
Comparative international statistics.....	927, 928
Marriage and divorce.....	55, 56, 71-74
Mental patients and epileptics.....	79-82
Morbidity.....	82, 83
Rates, summary.....	55, 56
Reproduction rates.....	61
Territories and possessions.....	58, 66, 69, 70, 910
Vocational education and rehabilitation.....	132-135,
	253, 254, 258, 265, 294, 295, 406
Votes:	
Congressional.....	344, 345, 349, 351, 352, 356
Gubernatorial.....	356, 357
Presidential.....	344-348, 356
Voting age. <i>See</i> Elections and Population.	
W	
Wage earners. <i>See</i> Employment and labor force and individual industries.	
Wages and wage rates. <i>See</i> Salaries, wages, etc.	
Wales ( <i>see also</i> United Kingdom), immigration and emigration.....	93, 94, 95
Walnuts, production and value.....	652
Wars, U. S. troops and casualties.....	247
Washing machines. <i>See</i> Laundry appliances.	
Washington. <i>See</i> State data.	
Wastepaper, wholesale price indexes.....	330
Watches. <i>See</i> Clocks, watches, etc.	
Water area of continental U. S.....	5, 100, 161
Acquisition.....	182
By States.....	100, 161
Flow from U. S. to oceans.....	163
Lakes.....	161
Of Territories.....	160
Rivers.....	162
Water power:	
Annual supply and consumption of energy from.....	528
Developed and undeveloped.....	533
Electric energy generated by.....	529, 531
Installed capacity of generating plants.....	529, 530, 533
Water supply in dwelling units.....	705
Water transportation industry:	
Accidents.....	71
Contribution to national income.....	307
Corporation income tax returns.....	382, 383
Unemployment insurance.....	279
Water use in continental U. S.....	165
Manufacturing and industrial.....	165, 793
Waterborne commerce ( <i>see also</i> Foreign trade).....	582-593,
	595
Watermelons, acreage, production, and value.....	609
Waterways, internal traffic.....	588, 589-590
Intercity traffic.....	592, 593
Waterworks:	
Construction.....	746-748, 751, 754, 755
Corporation income tax returns.....	382, 383
Employees.....	425, 430, 431
Injury-frequency and severity rates.....	234
Local government enterprise.....	404, 408, 412, 419
Public supply.....	165

	Page		Page
Wax, mineral production.....	729	Wire—Continued.....	
Wealth, national.....	323, 324	Manufacture—Continued.....	
Wearing apparel. <i>See</i> Apparel and Knit goods.....		Employees.....	210
Weather conditions at selected stations.....	155, 166-179	Production.....	813
Weather stations:		Summary.....	780, 781
Civilian services, Federal expenditures.....	370	Wire rods, nails, etc., iron and steel:	
Ground elevation.....	165	Foreign trade.....	816
Weights, measures, table of.....	952	Production.....	813
Welfare services ( <i>see also</i> individual programs):		Wireless telegraph systems. <i>See</i> Radiotelegraph	
Federal expenditures.....	264-267,	carriers.....	
269, 360, 406-408, 411, 412, 751		Wisconsin. <i>See</i> State data.	
State and local government.....	234, 265,	Wood and wood manufactures ( <i>see also</i> Lumber	
269, 407, 408, 411-414, 416, 419, 425, 430, 431		and Timber):	
West Indies ( <i>see also</i> Cuba, Haiti, Dominican		Foreign trade.....	881, 884-886, 890, 891
Republic, etc.):		Dutiable imports and duties.....	901
Immigration and emigration.....	93, 94, 96, 100	Manufacture, summary.....	776, 777
Trade with U. S.....	894, 904	Concentration of employment and output.....	785
U. S. citizens naturalized from.....	102	Wood preserving.....	702
West Virginia. <i>See</i> State data.		Wood pulp ( <i>see also</i> Paper and pulp):	
Western Union Telegraph Co.....	518	Imports.....	886
Wheat:		Prices:	
Acreage, production, and value.....	647, 651, 653, 657	Import.....	342
Alaska.....	912	Wholesale indexes.....	330
Commodity Credit Corp. loans, inventories,		Production.....	700, 702
and cost of acquisition.....	635	Woodworking machinery, shipments, value.....	820
Comparative international statistics (produc-		Wool:	
tion).....	932	Commodity Credit Corp. loans, inventories	
Foreign trade.....	647, 656, 885	and cost of acquisition.....	635
Prices:		Consumed in manufactures.....	800, 803
Export and import.....	342	Farm income.....	633
Farm.....	634, 653, 657	Foreign aid.....	878
Parity.....	634	Foreign trade.....	649, 803, 881, 883, 886, 890, 891
Supply and disappearance.....	656	Dutiable imports and duties.....	901
Volume of futures trading.....	466	Import indexes.....	648
Wheat flour:		Prices, farm.....	634, 803
Consumption.....	84	Parity.....	634
Prices:		Production.....	680, 803
Export.....	342	Wool-manufactures industry:	
Retail.....	336	Equipment.....	804
Production.....	656	Foreign trade in products.....	881, 883, 886
Whey, Commodity Credit Corp., loans.....	635	Dutiable imports and duties.....	901
Whiskey:		Production.....	799
Import prices.....	342	Summary.....	776, 777
Production, stocks, and tax-paid withdrawals.		Wholesale price indexes.....	329
796		Work stoppages.....	237-239
White population. <i>See</i> Population, color.		Workers. <i>See</i> Employment and labor force.	
Whitefish, imports.....	710	Workmen's compensation insurance.....	265,
Whiting, quantity and value of catch.....	707	266, 285, 295	
Fresh and frozen packaged.....	709	World Health Organization (WHO), budget and	
Wholesale trade ( <i>see also</i> Prices and Trade):		member assessments.....	947, 948
Advertising expenditures.....	862	World statistics:	
Alaska, Hawaii, Puerto Rico.....	916, 922	Comparative international statistics (area,	
Average hours and earnings.....	230	population, etc.).....	925-948
Bank loans.....	445	Crops (specified) production.....	647, 671
Commercial failures.....	503	Exports.....	647
Commercial-industrial activities of U. S. Gov-		Gold and foreign exchange holdings.....	939
ernment.....	370	Merchant marine.....	598
Consumers' cooperatives.....	851	Minerals production.....	724, 730, 732, 735-737, 739-742
Contribution to national income.....	307	World tour, passports issued for.....	99
Corporation income tax returns.....	384, 385	Wyoming. <i>See</i> State data.	
Employees.....	211, 220, 221, 223, 844, 845, 847, 849		
Establishments, number.....	487, 844-846, 848		
By size.....	843		
Legal form of organization.....	843		
Single units and multiunits.....	843		
Surviving to specified age.....	502		
Income.....	384, 385, 493		
Payrolls.....	843-845, 847, 849		
Sales and/or inventories.....	500, 501, 843-846, 848		
Stocks of canned food.....	850		
Summary.....	843-849		
Type of operation.....	844-849		
Unemployment insurance.....	279		
Widowed persons. <i>See</i> Marital status.			
Wildlife, animal-units-months of use, range			
lands.....	188		
Wind velocity, selected cities.....	176		
Window-cleaning service.....	852		
Window-display service.....	852		
Windward Islands and Leeward Islands, trade			
with U. S.....	894		
Wines ( <i>see also</i> Liquors, etc.):			
Consumption, per capita.....	797		
Import prices.....	342		
Internal revenue taxes.....	372		
Manufacture, Puerto Rico.....	920		
Production, stocks, and tax-paid withdrawals.			
796			
Wire:			
Exports.....	816		
Manufacture:			
Concentration of output.....	780, 787		

## X

X-ray equipment, etc., shipments, value..... 821

## Y

Yarn, thread, etc., manufacture..... 776, 777

Employees..... 209, 770, 777

Hours and earnings..... 228

Yemen, U. N. member assessment..... 948

Yugoslavia:

    Aid by U. S. Government..... 871, 877

    Comparative international statistics..... 925-948

    Exchange rates..... 840

    Gold and foreign exchange holdings..... 939

    Immigration and emigration..... 89, 92-94, 96

    Trade with U. S..... 896

    U. S. citizens naturalized from..... 102

## Z

Zinc:

    Castings, shipments and unfilled orders..... 818

    Foreign trade..... 719, 722

    Prices..... 741

        Wholesale..... 713

    Production and value (mine and smelter)..... 710, 741

        Alaska..... 914

    Summary..... 741

    Supply and shipments..... 719

Zirconium concentrate, production and value..... 716