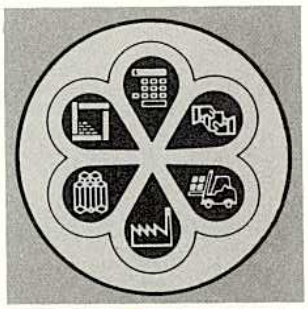
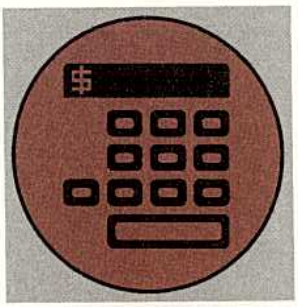
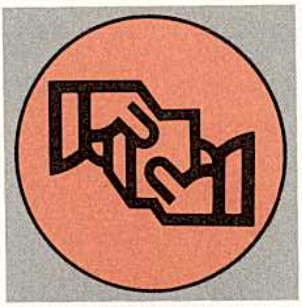
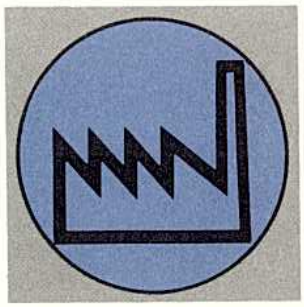
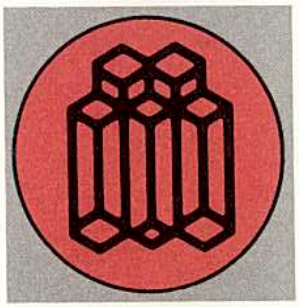
Guide to the 1982 Economic Censuses and Related Statistics

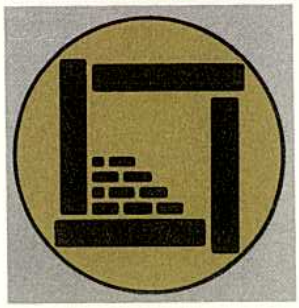












U.S. Department of Commerce
BUREAU OF THE CENSUS

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What economic data are available on computer tape?	Insert
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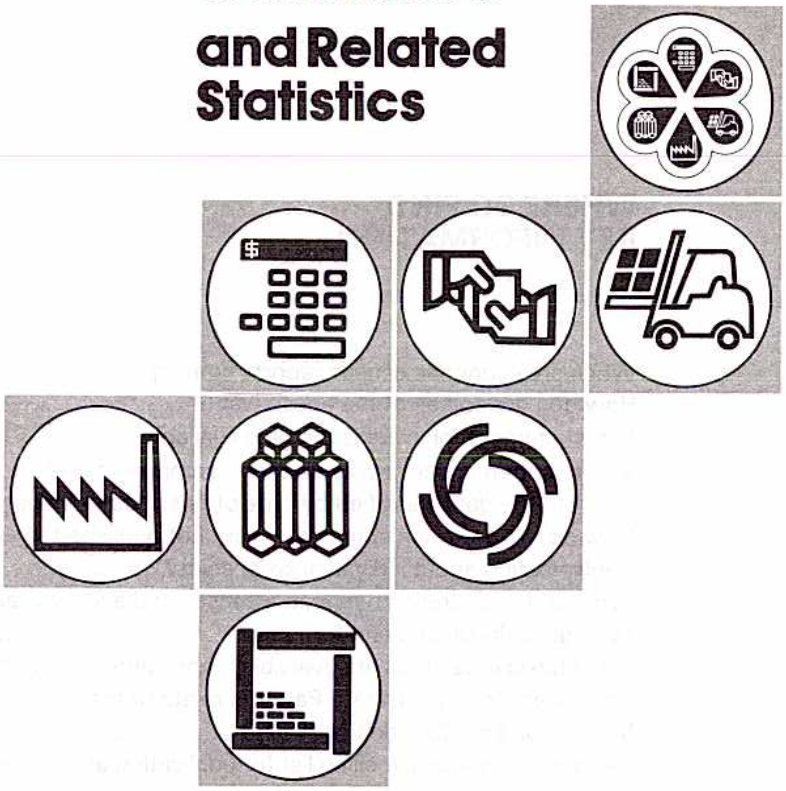
Whom can I call for additional help?	76
Can you put me on a mailing list for publication announcements?	Use the appropriate form at the back of this GUIDE

Guide to the 1982 Economic Censuses and Related Statistics



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General Information 1

INTRODUCTION

U.S. economic censuses are taken every 5 years, for years ending in "2" and "7." For 1982, they cover retail trade, wholesale trade, service industries, construction industries, manufactures, mineral industries, transportation, and economic activity in Puerto Rico and outlying areas under U.S. sovereignty or jurisdiction. Also included as part of the 1982 censuses are the Enterprise Statistics Program, the Survey of Minority-Owned Business Enterprises, and the Survey of Women-Owned Businesses.

While censuses provide complete enumerations, there is a need for intercensal data as well. To meet this need, the Census Bureau also has a number of programs for providing current statistics on such measures as total sales or the production of particular products. These programs include monthly, quarterly, and annual surveys, the results of which appear in publication series such as Current Business Reports (retail and wholesale trade and service industries), the Annual Survey of Manufactures, Current Industrial Reports, and the Quarterly Financial Report. The County Business Patterns program offers annual statistics, based on data compiled primarily from administrative records.

The censuses present a complete, detailed picture of the economic sectors they cover, from the national down to the local level. By comparison, surveys generally have much less geographic, industry, and other detail. Key data items generally are published only for the United States as a whole, but because they are taken more often, the surveys provide the frequent reference points necessary to analyze national trends and business cycles.

Section 6 of this guide (p. 73) contains a brief history of economic censuses and surveys in the United States.

HOW ECONOMIC STATISTICS ARE USED

The economic censuses and surveys constitute the major body of facts about the structure and long- and short-term functioning of the Nation's economy and provide information essential for government, business, industry, academic, and general-public use, such as the following:

- For the Federal Government, these programs contribute an important part of the framework for such composite measures as the gross national product, input-output tables, indexes of industrial production, and indexes of productivity and price levels. Generally, the censuses furnish benchmarks and survey weights. The surveys are the sources of information for monitoring current trends in sales, inventories, production, orders, and other short-term indicators of economic health, and help the Government make appropriate policy adjustments. Among more specific uses, the Federal Reserve Board employs data from the Current Industrial Reports in producing its monthly index of industrial production, and the Department of Labor uses census statistics in its measurement of productivity and as weights for the Producers' Price Index. The Department of Energy relies on the Census Bureau's data when assessing the probable impact of fuel shortages on industry. Federal, as well as State and local, administrators and planners concerned with the Nation's residential and nonresidential building, employment, transportation, and natural resources (lumber, water, fuels, minerals, etc.) use construction statistics. Mineral industry data are used in calculating the Nation's mineral wealth; planning and evaluating conservation, energy-related, and other legislation; determining national minerals policies and research and development projects; and administering mineral industry programs.
- Managers and consultants in the private sector use small-area data from the censuses to gauge potential markets, analyze sales performance, lay out sales territories, allocate funds for advertising, and decide on locations for new plants, warehouses, stores, or routes. They use survey data in forecasting general economic conditions and sales.
- Manufacturers, importers, distributors, and service establishments rely on economic census statistics to measure potential markets in terms of geographic areas, kinds of business, and kinds of products or services to produce or sell. For example, manufacturers and wholesalers study retail sales by merchandise line to determine the kinds of retailers that account for the sales of their products. Wholesale trade inventory and sales data are the basis of statistics on turnover rates and inventory/sales ratios associated with particular standard industrial classifications (SIC's) (see p. 7). Statistics on type of operation act as extensions of the industry codes when analyzing the characteristics of merchant wholesalers, agents, or manufacturers' sales branches or sales offices. Census data for service industries are of particular interest to wholesalers and manufacturers of products used in these industries, for example, by hotels and motels, laundries, drycleaners, and the like. Industrialists and real estate developers use the construction industry statistics, together with those on population movements and the housing supply, in planning residential or commercial construction or for plant or business relocation.

- Trade and professional associations use census detail to study long-term development in their particular businesses and competing lines and obtain information on short-term changes from the surveys. Those that conduct their own surveys often use the census data as benchmarks.
- State and local governments are interested in economic census figures to assess business activities and tax bases within their jurisdictions and in developing programs to attract business. They use data for major retail centers and other small areas in determining the effect on business of alternative highway or public-transportation routes. Measures of current construction are useful in forecasting local tax bases and the need for public services. Statistics on mineral industries help in gauging the economic and fiscal effects of mining within local jurisdictions.
- Business magazines and journalists employ census and survey data as technical background for articles; local newspapers use the census statistics for stories about their own areas.
- In education, instructors and researchers from high school through university postgraduate levels apply economic data of all sorts in teaching, analyzing, research, and forecasting.
- Businesses have the opportunity to compare their own operations with industry-wide or area-wide averages derivable from census and survey statistics.

SCOPE, CONTENT, AND COVERAGE

In planning the economic censuses and surveys, the Census Bureau consults with trade, business, and professional associations; individual business firms; unions; census advisory committees; and other Government agencies regarding questions to be asked and desired formats for publishing results. It also screens the proposed inquiries to eliminate any not clearly in the public interest. Before final adoption, the Office of Management and Budget (OMB), of the Executive Office of the President, reviews the items to make certain that the information to be collected is not available from other sources. As a further part of this approval process, the Business Advisory Council on Federal Reports, comprised of representatives of each major field of business activity, verifies that the data requested are both necessary and available from company records. The appropriate congressional committees also participate in the review process.

The 1982 Economic Censuses cover activities for that calendar year and encompass approximately 7.4 million establishments (see section 2 for definition) operated by about 6.6 million firms and other organizations. However, questionnaires were mailed to only 3.1 million of these establishments; limited information about the remaining 4.3 million small businesses was obtained from Federal administrative records. These small firms, although large in number, account for less than 10 percent of the employment, payroll, and sales or receipts recorded in the economic censuses. Each firm that received a census questionnaire was asked general questions regarding industrial activity, location, type of ownership, dollar volume of business in 1982, number of employees, and amount of payroll. More specific inquiries were tailored to the type of activity and industry. Over 400 different report forms were used to collect the vast array of information; data collection began early in 1983.

For a survey, the period covered may be a stated year, quarter, or month. As with the censuses, data collection can begin only after the period ends, since most of the inquiries refer to sales or expenditures for that time. Among the current programs, the number of establishments or companies ranges from only a few for some industrial surveys to about 55,000 establishments for the annual survey of manufactures. The County Business Patterns program covers over 4.5 million establishments each year. Most monthly and quarterly survey results are adjusted for seasonality. Reports based on sample surveys generally include the seasonal-adjustment factors and measures of sampling variability.

In terms of geographic coverage, the censuses measure economic activity in the 50 States, the District of Columbia, Puerto Rico, and outlying areas, as described under "Geographic Area Detail," beginning on page 9. Most surveys are limited to the States and the District of Columbia.

As completed census or survey report forms are received, they are reviewed and the reported information is transferred to computer tape for extensive review and editing prior to tabulation. Data from administrative records are processed and merged with the census questionnaire data, and tabulations used in the census publication program are prepared from these combined files.[1]

HOW ECONOMIC STATISTICS ARE INTERRELATED

The Census Bureau's economic statistics system can be considered as having two parts: (1) those censuses, surveys, and other activities that are part of a closely integrated statistical program, and (2) those surveys and programs that, while they may be closely related to (1), are not part of it. However, there is a certain amount of overlap: The census of transportation includes periodic surveys that are not part of the integrated program; Enterprise Statistics and County Business Patterns cover some sectors not included elsewhere in (1); and the Quarterly Financial Report, while not part of the integrated program, surveys corporations in three sectors—manufacturing, mining, and trade—that are covered extensively in (1).

The integrated program has the following features:

- By providing comparable census data both within the same economic sector and across sectors, such as manufactures and wholesale trade, the system offers a picture at a

[1] For specific details about census procedures, see the introductory text and appendixes that appear in the published reports and in the Bureau's official history of each census. The latest is *History of the 1977 Economic Censuses,* Washington, D.C., Govt. Print. Off., 1980 ◻ *; another is in preparation for 1982.

FIGURE 1. MAJOR DATA ITEMS COLLECTED AND PUBLISHED IN THE FINAL REPORTS OF THE BASIC ECONOMIC CENSUSES, BY GEOGRAPHIC LEVEL OF DETAIL

(Legend: A--All levels (U.S., States, substate areas). N--National only. S--State and national.)

Item	Census					
	Retail trade	Wholesale trade	Service industries	Constr. industries	Manufactures	Mineral industries
NUMBER OF ESTABLISHMENTS AND FIRMS						
All establishments	A			S		
Establishments with payroll	A	A	A	A	A	A
Single-unit and multiunit establishments	N	N	N	N	N	N
Establishments by legal form of organization	N	N	N	N	N	N
Firms	N	N	N		S	N
Single-unit and multiunit firms	N	N	N		N	N
Concentration by major firms	N	N	N		N	
EMPLOYMENT						
All employees	A	A	A	A	A	A
Production (construction) workers				S	A	A
Employment size of establishments	N	N	N	S	A	N
Employment size of firms	N	N	N			
Production (construction) worker hours				S	A	A
PAYROLL						
All employees, entire year	A	A	A	A	A	A
All employees, first quarter	A	A	A	S	N	
Production (construction) workers				S	A	A
Supplemental labor costs, legally required and voluntary	N	N	N	S	S	S
SALES, RECEIPTS, OR VALUE OF SHIPMENTS						
All establishments	A			S	A	A
Establishments with payroll	A	A	A	A		
By product, line, or type of construction	A	A	A	S	N	S
By class of customer	N	N				
By size of establishments	N	N	N	S	N	N
By size of firms	N	N	N			
OPERATING EXPENSES						
Total	N	A	N			
Cost of materials, etc.	N	N		A	A	A
Specific materials consumed (quantity/cost)	N	N			N	N
Cost of fuels	N	N	N	A	A	S
Energy consumed (quantity/cost)	N	N	N		A	S
Contract work		N		A	N	S
Products bought or sold (resales)					N	S
Advertising	N	N	N			
Rental payments, total	N	N	N	S	S	S
Buildings and structures	N	N	N	S	S	S
Machinery and equipment	N	N	N	S	S	S
Communications services	N	N	N	S	S	S
Purchased repairs	N	N	N	S	S	
CAPITAL EXPENDITURES						
Total	N	N	N	A	A	A
New, total	N	N	N	S	S	S
Buildings/equipment	N	N	N	S	S	S
Used, total	N	N	N	S	S	S
Buildings/equipment				S		S
DEPRECIABLE ASSETS, GROSS VALUE BUILDINGS/EQUIPMENT						
End of 1981	N	N	N	S	S	S
End of 1982	N	N	N	S	S	S
Depreciation (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
Retirements (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
INVENTORIES						
End of 1981	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
End of 1982	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
OTHER						
Value added	N	N		A	A	A
Specialization by type of construction/mfg				N	N	
Central administrative offices and auxiliaries	S	S	S	N	A	S
Water use					S	S

Note: See fig. 3, p. 10, and sections on individual censuses for substate areas included and limitations (number of establishments, population size, SIC level, etc.).

[1]Last in, first out.

particular point in time of the relationships between different industries and geographic areas.

- To the extent possible, the concepts, definitions, classifications, and reporting units are consistent among the censuses, surveys, and related programs.
- The census results supply the sample frames, benchmark statistics, lists of establishments and firms, and other detail for intercensal surveys.
- Survey results can be reconciled with those from the census and vice versa. Thus, census and survey tabulations may be combined to fulfill data needs.

To illustrate for the manufacturing sector: The census of manufactures furnishes the list of producers and products for the monthly, quarterly, and annual Current Industrial Reports (CIR's), and the census is used to verify the survey coverage. The annual survey of manufactures (ASM) canvasses approximately 55,000 of the 350,000 plants enumerated in the quinquennial census of manufactures, and the ASM results can be compared both with the census and the CIR's. As a result, differences among the three programs can be reconciled, and new producers can be identified when they first are reported in any of the programs.

Some of these integrated surveys are narrow in scope; the CIR's, for example, cover specific products or groups of products. Other surveys sample entire economic sectors, such as manufacturing or retail trade, while some programs provide broad measures, such as employment and payrolls, across a number of industries or sectors.

Beginning with 1982, the agriculture and economic censuses alike cover activities for years ending in "2" and "7." This permits tracing of agricultural production through the food processing (manufactures) and distribution (wholesale and retail trade) sectors. Similarly, information on agricultural supplies and equipment can be linked from one sector to another.

Complementing these economic programs are the population and housing censuses (taken every 10 years, in years ending in "0") and surveys. They provide such figures as denominators for calculating retail sales per capita or the characteristics of people who work in the various industries.

PUBLICATION

Census and survey results are released in several forms: printed reports, microfiche, and computer tape. Most printed reports and microfiche may be purchased from the Superintendent of Documents, Government Printing Office; some reports and microfiche and all computer tapes can be ordered from the Census Bureau. The box below shows the symbols used throughout this guide to indicate the form(s) in which specific reports or series appear and their primary sources. See section 7, "Obtaining the Data," for more information.

This guide does not contain release dates for economic or agriculture census reports; dates for release of printed reports appear on a publication schedule insert. The Bureau's Customer Services (see box) can provide information on the availability of microfiche and public-use tapes.

LEGEND

📖 Printed report

▦ Microfiche

Computer tape

* Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402
(202) 783-3238

\+ Customer Services
Data User Services Division
Bureau of the Census
Washington, D.C. 20233
(301) 763-4100

📖 **Printed reports** for the individual economic censuses usually consist of separate series for industries or geographic areas or reports on special topics. For some of these series, preliminary reports containing selected basic statistics are issued several months prior to publication of the final data. The final reports, issued after further review and analysis of the returns and tabulations, present detailed results and cross-tabulations. After the final, separate, paperbound reports have been published, most are combined, assembled, and reissued in clothbound volumes, which frequently include additional explanatory material not found in the original reports.

Current survey results, notably those for monthly retail sales, sometimes appear as "advance" as well as "preliminary" and "final" estimates. Advance estimates are based on early reporting for the current month by a small subsample of the survey panel; preliminary and final estimates are for preceding months and reflect reporting by the full panel.

▦ **Microfiche.** Most final reports from the Bureau's censuses and surveys are produced on microfiche as well as in printed form. There also are a few data series not issued in print that are published on fiche. Census Bureau microfiche feature a 24x reduction ratio and are reproduced on diazo film with a negative image. Each fiche, approximately 4" by 6", contains reproductions of up to 98 frames (or pages) of text or tables and therefore is highly cost-effective with regard to space: all of the final 1982 Economic Census reports, about 550 of them, would occupy around 6 inches in a fiche file drawer, as contrasted with 7 1/2 feet of shelf space for the printed volumes. Except as noted in the report series descriptions elsewhere in this guide, the Bureau issues fiche on a report-by-report basis; that is, one report is reproduced on one or more fiche, and the fiche for the entire report must be purchased.

Summary tape files. Many of the key statistics in 1982 economic census reports also are available on computer tape, especially those statistics displayed at the State level and below. For one survey series (County Business

Patterns, see p. 55), substantially more data may be obtained on tape than in the corresponding reports. Statistics available on tape are also summary data, that is, counts of establishments and totals for their sales, payroll, etc., and not figures about individual firms. While the tapes in some series may not contain all of the tables found in the published reports, they will have the key ones. Data released on tape undergo the same scrutiny to avoid disclosure of information about particular establishments as do the printed tables. Some unpublished data series are made available only on tape.

For the 1982 Economic Censuses described in this guide, the ⊛ symbol appears only for those series or individual reports where computer tapes were part of the original publication plan. Changes, additions, or deletions may occur. The publication schedule inserted in this guide carries information on public-use tape availability. The Bureau's computer tapes can be ordered recorded at 7- or 9-track, 1600-bpi (bits per inch) or 6250-bpi density, and in Extended Binary-Coded Decimal Interchange Code (EBCDIC) or American Standard Code for Information Exchange (ASCII) recording languages. The unit of issue for the public-use tapes is the file; each file may correspond to a particular State, including all substate areas within it, or the entire Nation. For some subject areas, there may be a number of different files.

The Bureau also prepares special tabulations from the basic census or survey records on a cost-reimbursable basis. (See section 7.)

LEGAL AUTHORITY AND CONFIDENTIALITY

Title 13, United States Code, calls for the economic censuses (manufactures; retail and wholesale trades; service, mineral, and construction industries; and transportation) to be taken at 5-year intervals for the years ending in "2" and "7." The Economic Censuses of Outlying Areas, taken under the same authority, cover the census topics selectively (see p. 48). Response to census inquiries is required, and there are penalties for willful neglect or refusal to report and for deliberately falsifying answers.

Current surveys are also authorized by title 13, but response to most surveys conducted more frequently than once a year is on a voluntary basis.

By the same law, the Census Bureau must keep the reported information confidential. No data may be published that can be used to identify an individual or firm, nor may the data furnished be used for any but statistical purposes. Only sworn officials or employees of the Census Bureau may have access to the individual report forms. Neither the census and survey returns, nor file copies of them retained by respondents, can be used for purposes of taxation, investigation, or regulation.

DISCLOSURE ANALYSIS

To preserve the confidentiality of economic census information, the Bureau makes certain that no individual firm's operations can be identified in the published statistics by direct observation, by subtraction of data within a table, or by comparing totals and subtotals across several tables. This is done through a process called "disclosure analysis" in which the data are examined by computer as well as by visual review, and necessary adjustments are made. The analysis identifies data cells where one or two firms are dominant; i.e., they account for all or a major portion of the sales or other reported activity in the industry/kind of business, geographic area, or other category for which data are shown. When such situations are found, the data are withheld from publication or included in higher-level aggregations. Frequently, when that is done, it also is necessary to withhold additional data so that the withheld figure cannot be restored by subtracting the remaining data from the published total. Sometimes a disclosure problem is handled by combining cells. In the published tables, withheld data cells are indicated by the symbol (D), and published statistics that include such data are identified by symbols or footnotes. "Flags" similarly appear on the publication tapes. The number of establishments in an industry/kind of business or area is not considered a disclosure and is published even though other data may be withheld.

The Classification System 2

ESTABLISHMENT/COMPANY CLASSIFICATION

Statistics for the Bureau's economic programs are collected and summarized for publication primarily in terms of the *establishment*. An establishment, as defined for census and survey purposes, is a business or industrial unit at a single geographic location that produces or distributes goods or performs services. The establishment may differ from the *company*, which is an organization consisting of one or more establishments under common ownership or control. The term *firm* is used interchangeably with company.

When more than one economic activity is conducted at a single location, each activity under separate ownership, including those operated as leased departments, is regarded as a separate establishment. However, if the same ownership has substantially different kinds of activity at a single location, each activity of significant size and with its own records is treated as a separate establishment.

In the economic censuses, information is obtained for each establishment whose primary activity falls within the scope of the censuses. The reporting units for the current surveys vary but generally are designed to link the survey information with the censuses described in this guide.

If a company or firm owns or controls other companies, all of the subsidiaries' establishments are considered part of the owning or controlling company. Establishments operated as franchises are not treated as establishments of the firm granting the franchise.

Establishments functioning primarily to manage, service, or support the activities of their companies' operating establishments (e.g., separate administrative offices or warehouses) are identified and included in the censuses as auxiliaries. After the establishment data have been summarized and published, the Bureau regroups establishments under common ownership or control to show various characteristics of the owning or controlling companies. (See "Enterprise Statistics" on p. 51.)

STANDARD INDUSTRIAL CLASSIFICATION SYSTEM

Except for portions of the transportation census, data for the economic censuses and surveys are tabulated on the basis of the Standard Industrial Classification (SIC) system. The Enterprise Standard Industrial Classification (ESIC) system is used for the Quarterly Financial Report (see p. 56) and, with minor variations, in the Enterprise Statistics program (see p. 51). The two classification systems are defined under the auspices of the Office of Management and Budget.[1]

The SIC system is used to classify establishments by the type of activity in which they are engaged. It facilitates the collection, tabulation, presentation, and analysis of data relating to establishments engaged in all types of economic activity. The SIC also promotes uniformity and comparability in the presentation of statistics collected by various Federal and State agencies, trade associations, and private research organizations.

The SIC system divides the Nation's economic activities into broad industrial divisions, two-digit major groups, three-digit industry groups, and four-digit detailed industries; for example:

Division	Manufacturing
Major group 20	Food and kindred products
Industry group 203	Canned and preserved fruits and vegetables
Detailed industry 2037	Frozen fruits, fruit juices, and vegetables

The SIC structure is such that the Census Bureau can tabulate establishment data on an industry-code basis at any level of industry or kind-of-business detail required. In some instances, more detailed classifications have been devised for census purposes, so that additional industries, kinds of business, or specific products can be identified within the SIC categories. For example, the Census Bureau has developed a system for classifying manufactured products into approximately 1,400 five-digit product classes (for example, 20371—frozen fruits, juices, ades, drinks, and cocktails) and about 11,000 seven-digit products (such as 20371 62—6-oz. and under, frozen orange juice, concentrated) consistent with the SIC system.

The ESIC system combines four-digit industries into related groups for classifying entire firms and presenting meaningful statistics about them at the company level. A separate

[1] *Standard Industrial Classification Manual, 1972*. Prepared by the Office of Management and Budget. Washington, D.C, Govt. Print. Off., 1972. 📖 *; *Standard Industrial Classification Manual, 1972: 1977 Supplement*. 1977, 15 pp. 📖*. *Enterprise Standard Industrial Classification Manual, 1974*. Prepared by the Office of Management and Budget, Washington, D.C., Govt. Print. Off., 1974. 📖 *.

company classification system is necessary because a high percentage of the establishments in many four-digit industries are operated by firms primarily engaged in other industries.

The 1982 economic statistics program covers most of the economic divisions within the SIC system. Some sectors are not included in the censuses, usually because other private or Federal agencies already collect the necessary statistics. Examples of these are hospitals (SIC 806)—the American Hospital Association, elementary and secondary schools (SIC 821)—the Department of Education, and labor unions (SIC 863)—the Department of Labor. Figure 2 illustrates the range of two-digit codes, the economic sectors (divisions) they comprise, and the coverage of those areas in particular censuses or surveys. The scope of the County Business Patterns program is broader than that of the censuses or their directly related surveys.

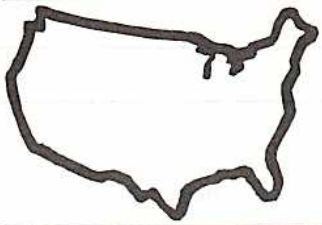
In general, the SIC codes in the 1982 census are compatible with those used for 1972 and 1977.[1] A major revision planned for 1982, designed to reflect important changes in the economy and the industrial structure since the previous enumerations, was postponed by the OMB because of budgetary limitations in most Federal statistical agencies.

A Limitation of SIC-Based Data

The SIC classification for an establishment is based on its primary activity and thus may overlook significant minor activities. For instance, the sales of radio and television retailers (SIC 5732) in a given area should not be interpreted as the total sales of radio and television sets in that area. Stores in SIC 5732 may sell other items in addition to these products, and other kinds of businesses, such as department stores (SIC 5311), also sell radios and televisions. While the various censuses and selected surveys present some information on detailed products produced, merchandise or commodity lines sold, or services provided, most statistics from the economic censuses and surveys are based on the establishment classification, not the type of product.

FIGURE 2. SIC COVERAGE IN 1982 CENSUS AND SURVEY PROGRAMS

SIC range	Economic sector	Census	See page	Survey	See page
01-02, 07-09	Agriculture, forestry, and fishing . .	Agriculture, 01 and 02 only	59	Current Cotton Statistics, 0724 only County Business Patterns, 07-09	60 55
10-14	Mining	Mineral Industries	43	Current Industrial Reports, 13 only County Business Patterns Quarterly Financial Report	45 55 56
15-17	Construction.	Construction Industries	31	Current Construction Reports deal with building activity and housing characteristics County Business Patterns	31 55
20-39	Manufacturing.	Manufactures	35	Annual Survey of Manufactures Current Industrial Reports (selected products) County Business Patterns Quarterly Financial Report	39 40 55 56
40-49	Transportation, communication, utilities	Transportation, 41, 42, and 44-47	46	County Business Patterns, except 43 (U.S. Postal Service)	55
50-51	Wholesale Trade.	Wholesale Trade	23	Current Business Reports County Business Patterns Quarterly Financial Report	25 55 56
52-59	Retail Trade	Retail Trade	17	Current Business Reports County Business Patterns Quarterly Financial Report	20 55 56
60-67	Finance, insurance, real estate. . . .	Not covered, except 6552, which is in Census of Construction Industries	31	County Business Patterns	55
70-89	Services.	Service Industries excludes 806, 821, 822, 863, 865, 866, and 88	27	Current Business Reports, except 702, 704, 73, 82, 83, 84, 86, 88, and 89 County Business Patterns, except 88 (private households)	29 55
91-97	Public administration.	Governments (parts covered, but not by SIC code)	63	Governments (parts covered, but not by SIC code)	63
99	Nonclassifiable	Not covered		Not covered	



Geographic Area Detail 3

INTRODUCTION

This section decribes the geographic areas for which the Census Bureau tabulates statistics for the 1982 Economic Censuses and related programs. More specific information can be found in the introductions to the published reports.

The greatest number of statistics and the most detailed classifications usually are published at the national level. There are fewer statistics and less detailed classifications for States, and fewer still for smaller areas, to avoid disclosing information about individual firms and to reduce publishing costs. Also, where data appear for small geographic areas, the level of industry or other detail generally is less than for larger areas.

Figure 3 shows the types of U.S. geographic areas (political and statistical) for which industry or kind-of-business data are available from the major 1982 economic census and current survey programs. The terms "detailed" and "limited" refer to the levels of industry or kind-of-business data. The chart does not include special-purpose areas peculiar to specific programs or Puerto Rico and the outlying areas; these are discussed on **pages 10-11.**

AREAS

United States. The 50 States and the District of Columbia. (Data also are available, but not included in the U.S. total, for Puerto Rico and outlying areas; see p. 11.)

Regions/divisions. There are four census geographic regions defined for the United States—West, North Central, Northeast, and South—each composed of two or more geographic divisions. The nine divisions—Pacific, Mountain, West North Central, East North Central, West South Central, East South Central, South Atlantic, Middle Atlantic, and New England—are groupings of States.

States. Statistics for each of the 50 States and the District of Columbia are reported in the economic censuses and in a number of the current programs.

Counties. Counties and their equivalents (3,141) are the primary political and administrative divisions of States. These areas are called parishes in Louisiana; in Alaska, 23 boroughs and "census areas" are treated as county equivalents for census purposes. Several cities (Baltimore, Md., St. Louis, Mo., Carson City, Nev., and 41 cities in Virginia) are independent of any county organization and, because they constitute primary divisions within their States, are accorded the same treatment as counties in the census tabulations.

Standard metropolitan statistical areas (SMSA's). An SMSA is an integrated economic and social unit with a recognized large population nucleus. Generally, each SMSA consists of one or more entire counties or county equivalents that meet specified standards pertaining to population, commuting patterns, and metropolitan character. In New England, towns and cities, rather than counties, are the basic geographic units for defining an SMSA. The OMB, with the advice of representatives of the major Federal statistical agencies, defines and designates SMSA's. As of January 1982, there were 323 SMSA's, including 5 in Puerto Rico.[1]

Standard consolidated statistical areas (SCSA's). The SCSA is a statistical unit used to facilitate the presentation and analysis of data for large concentrations of metropolitan population. Each SCSA has a population of at least 1 million and consists of two or more adjacent SMSA's that together meet specified standards of urban character, social and economic integration, and/or contiguity of urbanized areas. As of January 1982, there were 17 SCSA's defined by the OMB, including 1 in Puerto Rico.[1]

Incorporated places. Except as noted below, the 1982 Economic Censuses provide information only for legally defined, incorporated municipalities (cities, towns, villages, and boroughs) with 2,500 inhabitants or more. (Statistics from the 1977 censuses also were published for selected unincorporated places with 25,000 inhabitants or more.) Hawaii does not have incorporated places that are recognized for census purposes, so data there are provided for census designated places (CDP's) with 2,500 inhabitants or more.

[1] After the relationships between central urban core(s) and adjacent counties were analyzed on the basis of the 1980 population census and a revised set of standards, these areas were redefined and the word "standard" was dropped from the designation. Thus, as of June 30, 1983, SMSA's and SCSA's are known as metropolitan statistical areas (MSA's), primary MSA's (PMSA's), and consolidated MSA's (CMSA's). As the 1982 Economic Censuses cover calendar year 1982, prior to the June 1983 date for adopting the changes, the 1982 SMSA and SCSA designations and nomenclature were retained for these censuses. Special reports based on the new designations may be issued after the 1982 census results have been published.

FIGURE 3. GEOGRAPHIC AREA DETAIL FOR MAJOR ECONOMIC STATISTICS PROGRAMS

Program	Areas							Remarks[2]
	United States	Regions/ divisions	States	SCSA's SMSA's	Counties	Incorp. places	Towns/ townships[1]	
RETAIL TRADE								
Census—detailed data	•		•	•	•	•	•	Counties & cities w/500+ estabs.
limited data					•	•	•	Counties & cities w/2,500+ population
Current Retail Trade	•	•	•					19 States, 23 SMSA's, 5 cities
WHOLESALE TRADE								
Census—detailed data	•		•	•	•	•	•	Counties & cities w/200+ estabs.
limited data					•	•	•	Counties & cities w/2,500+ population
Current Wholesale Trade	•							
SERVICE INDUSTRIES								
Census—detailed data	•		•	•	•	•	•	Counties & cities w/750+ estabs.
limited data					•	•	•	Counties & cities w/2,500+ population
Service Annual Survey	•							
MANUFACTURES								
Census—detailed data	•		•	•	•	•	•	States with 150+, SCSA's and SMSA's with 250+, and counties and places with 450+ mfg. employees
limited data					•			
Annual Survey of Manufactures	•		•					
Current Industrial Reports	•		•					States in selected series only
MINERAL INDUSTRIES								
Census—detailed data	•		•					
limited data					•			
Annual Survey of Oil & Gas	•							Also onshore and offshore
TRANSPORTATION								
Census and surveys	•		•	•				
CONSTRUCTION INDUSTRIES								
Census	•	•	•	•				
Current Construction Surveys	•	•	•	•	•	•		Selected SMSA's and places
COUNTY BUSINESS PATTERNS	•		•		•			
QUARTERLY FINANCIAL REPORT	•							
MINORITY-OWNED BUSINESSES	•		•	•	•	•		Counties and places with 100+ firms owned by members of group
WOMEN-OWNED BUSINESS	•		•	•	•	•		

[1] Towns in six New England States and townships in New Jersey and Pennsylvania with 1980 populations of 10,000+, only.

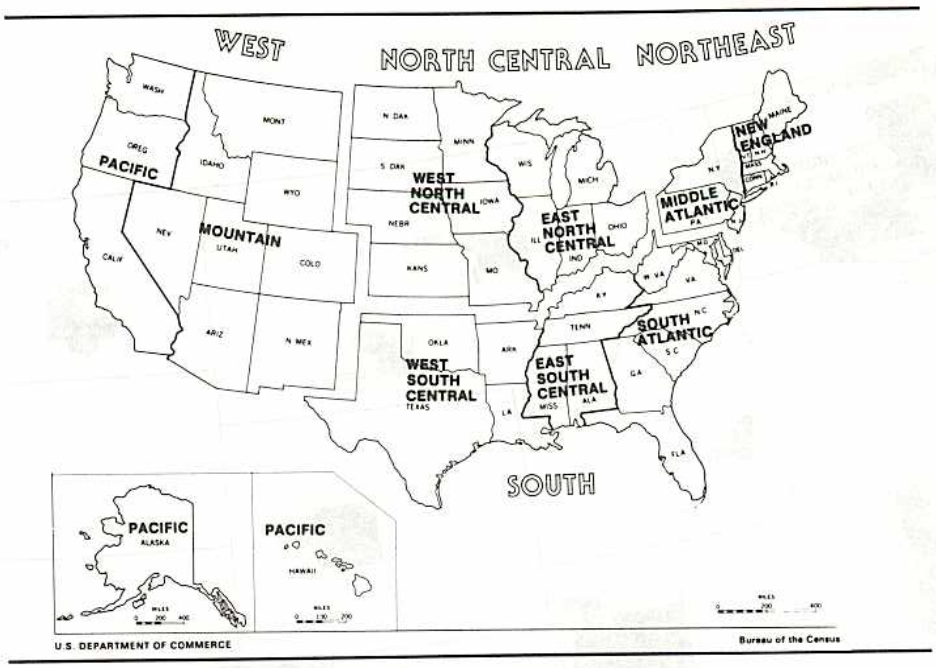
[2] Geographic coverage and data detail may vary among printed reports, microfiche, and summary tapes for a given series, and from one type of data to another.

Selected towns and townships. Some county subdivisions, such as towns and townships, are not classified as incorporated places for census purposes. Statistics are presented in the 1982 Economic Censuses for those towns in the six New England States and townships in New Jersey and Pennsylvania with a 1980 census population of 10,000 or more. (The 1977 census publications included some New England towns with an urban population of 2,500 or more.)

Central business districts (CBD's). CBD's (456 in all) are areas of high land value, traffic flow, and concentration of retail businesses, offices, theaters, hotels, and service establishments. In the 1982 Census of Retail Trade, CBD's were defined in any SMSA central city and any other incorporated place (in an SMSA) with a population of 50,000 or more, provided the eligible place chose to participate in the CBD delineation program. A CBD consists of one or more whole census tracts (or the portion of the tract(s) inside the place). (Census tracts are small, relatively permanent statistical areas into which counties have been divided for the purpose of showing small-area data from the demographic censuses.) CBD's are used to report data in one series of census of retail trade reports *(Major Retail Centers,* series RC82-C) and for place-of-work data from the 1980 Census of Population and Housing.

Major retail centers (MRC's). MRC's (1,545 in all) are concentrations of retail stores located in SMSA's but outside

FIGURE 4. CENSUS REGIONS AND GEOGRAPHIC DIVISIONS OF THE UNITED STATES



the CBD's. For 1982, MRC's were delineated by local officials for areas with at least 25 retail establishments, at least one of which was a department or other general-merchandise store (SIC 53) with a minimum of 100,000 square feet of floor space. MRC's include not only planned shopping centers but also such unplanned centers as older "string streets" (continuous businesses along a thoroughfare with few cross streets containing any business establishments), neighborhood commercial developments, and combinations of planned and unplanned centers. Where the MRC is a planned center, the boundaries encompass all retail stores in the center; where it is unplanned, each block within the boundaries must have at least one general-merchandise (SIC 53); apparel and accessory (SIC 56); furniture, home furnishings, and equipment (SIC 57); or miscellaneous shopping goods (SIC 594) store. Data for MRC's are published only in the census of retail trade *(Major Retail Centers,* series RC82-C).

Puerto Rico and outlying areas. The Census of Outlying Areas provides data for the following:

Puerto Rico: The Commonwealth, 1 SCSA, 5 SMSA's, 78 municipios (county equivalents)

Guam: The island, 19 election districts

Virgin Islands: The islands as a whole; the islands of St. Thomas and St. John combined, and St. Croix; and three towns

Northern Mariana Islands: The islands as a whole.

(No economic census data were collected in American Samoa or in the Trust Territory of the Pacific Islands.)

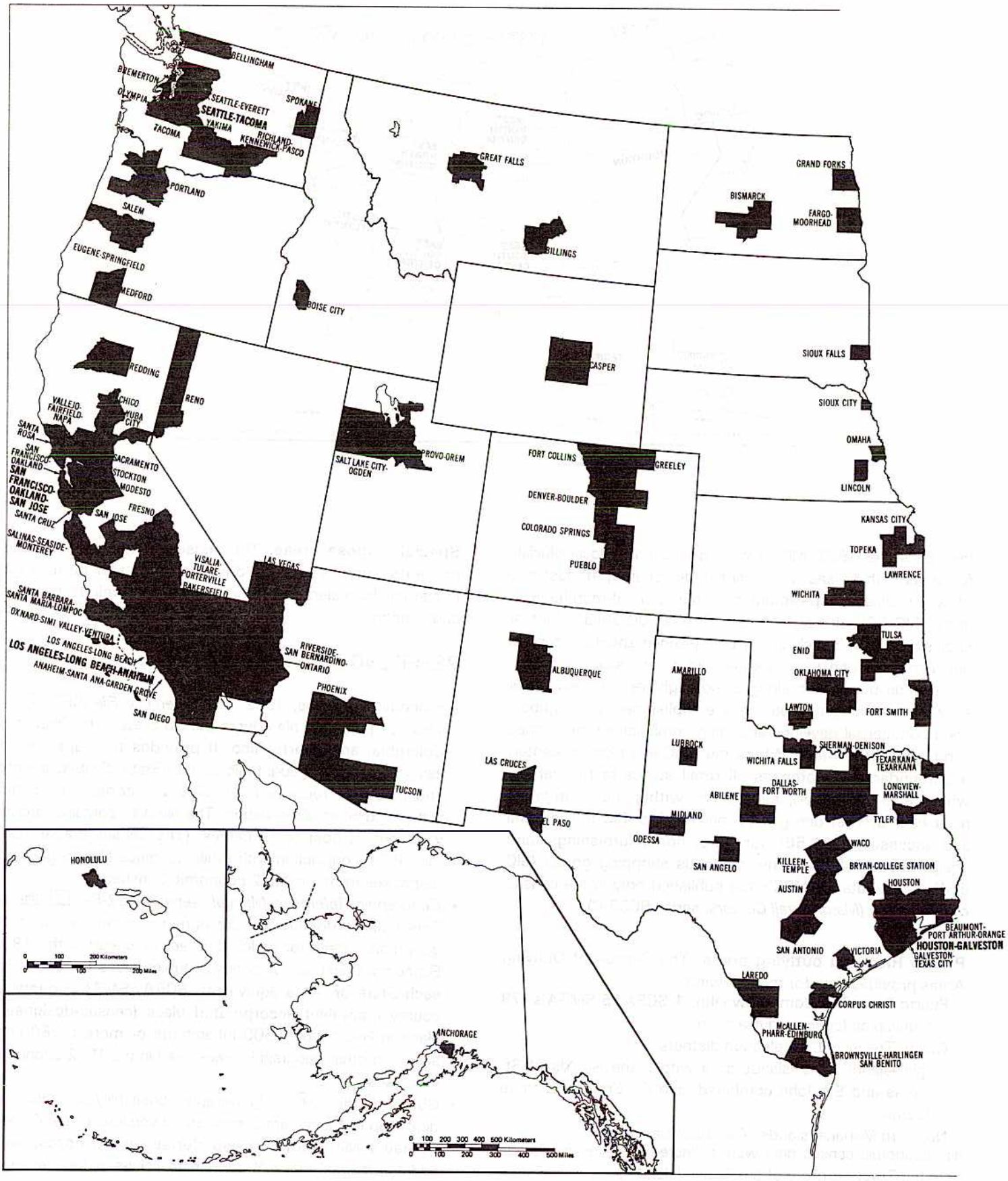
Special-purpose areas. The census of mineral industries presents some statistics on petroleum and natural gas industries for selected offshore areas (as well as by State and county).

REFERENCE MATERIALS

- Economic Censuses, 1982: *City Reference File* (CRF) ⊕ +. This computerized file covers the 50 States, the District of Columbia, and Puerto Rico. It provides the capability of assigning census geographic codes (State, SMSA, county, and place) to records containing ZIP code, post office name, and State abbreviation. The file also contains spelling variations of post office names. (The Census Bureau used the CRF in conjunction with other reference files to geocode responses from the 1982 Economic Censuses.)
- *Geographic Reference Manual,* series EC82-R-1 ▭ ▦ +. This volume documents the numeric codes assigned to geographic areas for which data are tabulated in the 1982 Economic Censuses. A series of tables gives the codes for each State or State equivalent, SCSA, SMSA, county or county equivalent, incorporated place (census-designated place in Hawaii) of 2,500 inhabitants or more (1980 census), and other geographic areas used in the 1982 Economic Censuses.
- GBF/DIME files ⊕ + (geographic base file/dual independent map encoding) are computerized versions of the Census Bureau's Metropolitan Map Series' urban cores, with address ranges and X-Y coordinate values at intersections.

Text continues on page 14.

FIGURE 5. STANDARD CONSOLIDATED STATISTICAL AREAS AND STANDARD METROPOLITAN STATISTICAL AREAS



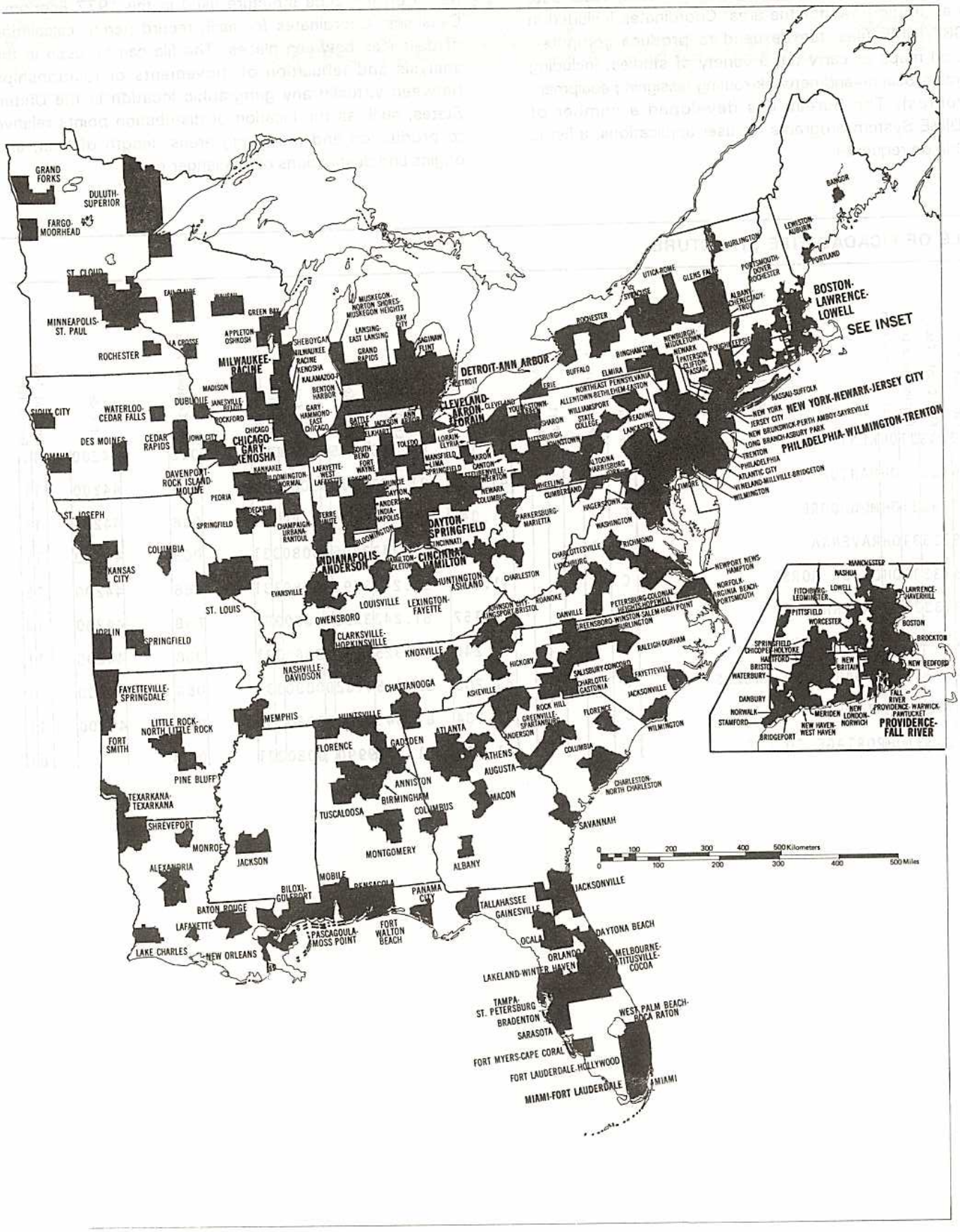

GRAND FORKS
DULUTH-SUPERIOR
FARGO-MOORHEAD
ST. CLOUD
MINNEAPOLIS-ST. PAUL
ROCHESTER
EAU CLAIRE
LA CROSSE
GREEN BAY
APPLETON-OSHKOSH
MILWAUKEE-RACINE
SHEBOYGAN
MILWAUKEE
RACINE
KENOSHA
KALAMAZOO
MUSKEGON-NORTON SHORES-MUSKEGON HEIGHTS
LANSING-EAST LANSING
GRAND RAPIDS
BAY CITY
SAGINAW
FLINT
DETROIT-ANN ARBOR
DETROIT
MADISON
DUBUQUE
JANESVILLE-BELOIT
ROCKFORD
SIOUX CITY
WATERLOO-CEDAR FALLS
DES MOINES
CEDAR RAPIDS
IOWA CITY
CHICAGO-GARY-KENOSHA
CHICAGO
GARY-HAMMOND-EAST CHICAGO
BENTON HARBOR
BATTLE CREEK
JACKSON
ANN ARBOR
ELKHART
CLEVELAND-AKRON-LORAIN
CLEVELAND
YOUNGSTOWN
SHARON
LORAIN-ELYRIA
TOLEDO
SOUTH BEND
FORT WAYNE
MANSFIELD
LIMA
SPRINGFIELD
AKRON
CANTON
STEUBENVILLE-WEIRTON
DAVENPORT-ROCK ISLAND-MOLINE
KANKAKEE
BLOOMINGTON-NORMAL
LAFAYETTE-WEST LAFAYETTE
MUNCIE
DAYTON
ANDERSON
INDIANAPOLIS
NEWARK
COLUMBUS
WHEELING
PITTSBURGH
JOHNSTOWN
ALTOONA
HARRISBURG
PEORIA
DECATUR
TERRE HAUTE
ST. JOSEPH
SPRINGFIELD
CHAMPAIGN-URBANA-RANTOUL
BLOOMINGTON
DAYTON-SPRINGFIELD
CINCINNATI
CINCINNATI-HAMILTON
PARKERSBURG-MARIETTA
CUMBERLAND
HAGERSTOWN
WASHINGTON
COLUMBIA
KANSAS CITY
INDIANAPOLIS-ANDERSON
BLOOMINGTON-BEDFORD
HUNTINGTON-ASHLAND
CHARLESTON
CHARLOTTESVILLE
LYNCHBURG
RICHMOND
NEWPORT NEWS-HAMPTON
NORFOLK-VIRGINIA BEACH-PORTSMOUTH
ST. LOUIS
EVANSVILLE
LOUISVILLE
LEXINGTON-FAYETTE
OWENSBORO
JOHNSON CITY-KINGSPORT-BRISTOL
ROANOKE
DANVILLE
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL
GREENSBORO-WINSTON-SALEM-HIGH POINT-BURLINGTON
JOPLIN
SPRINGFIELD
CLARKSVILLE-HOPKINSVILLE
KNOXVILLE
RALEIGH-DURHAM
NASHVILLE-DAVIDSON
HICKORY
SALISBURY-CONCORD
FAYETTEVILLE
CHATTANOOGA
ASHEVILLE
CHARLOTTE-GASTONIA
JACKSONVILLE
FAYETTEVILLE-SPRINGDALE
MEMPHIS
HUNTSVILLE
ROCK HILL
GREENVILLE-SPARTANBURG
FLORENCE
WILMINGTON
LITTLE ROCK-NORTH LITTLE ROCK
FORT SMITH
ANDERSON
ATLANTA
GADSDEN
FLORENCE
ATHENS
AUGUSTA
COLUMBIA
PINE BLUFF
ANNISTON
BIRMINGHAM
MACON
CHARLESTON-NORTH CHARLESTON
TEXARKANA-TEXARKANA
TUSCALOOSA
COLUMBUS
SHREVEPORT
SAVANNAH
MONROE
JACKSON
MONTGOMERY
ALBANY
ALEXANDRIA
MOBILE
PENSACOLA
PANAMA CITY
JACKSONVILLE
BILOXI-GULFPORT
TALLAHASSEE
GAINESVILLE
BATON ROUGE
LAFAYETTE
PASCAGOULA-MOSS POINT
FORT WALTON BEACH
OCALA
DAYTONA BEACH
LAKE CHARLES
NEW ORLEANS
ORLANDO
MELBOURNE-TITUSVILLE-COCOA
LAKELAND-WINTER HAVEN
TAMPA-ST. PETERSBURG
BRADENTON
WEST PALM BEACH-BOCA RATON
SARASOTA
FORT MYERS-CAPE CORAL
FORT LAUDERDALE-HOLLYWOOD
MIAMI-FORT LAUDERDALE
MIAMI
BANGOR
LEWISTON-AUBURN
PORTLAND
BURLINGTON
PORTSMOUTH-DOVER-ROCHESTER
UTICA-ROME
GLENS FALLS
ALBANY-SCHENECTADY-TROY
SYRACUSE
BOSTON-LAWRENCE-LOWELL
SEE INSET
ROCHESTER
BUFFALO
ERIE
ELMIRA
BINGHAMTON
NEWBURGH-MIDDLETOWN
NEWARK
PATERSON-CLIFTON-PASSAIC
POUGHKEEPSIE
NORTHEAST PENNSYLVANIA
ALLENTOWN-BETHLEHEM-EASTON
WILLIAMSPORT
STATE COLLEGE
READING
LANCASTER
NASSAU-SUFFOLK
NEW YORK-NEWARK-JERSEY CITY
NEW YORK
JERSEY CITY
NEW BRUNSWICK-PERTH AMBOY-SAYREVILLE
LONG BRANCH-ASBURY PARK
PHILADELPHIA-WILMINGTON-TRENTON
TRENTON
PHILADELPHIA
ATLANTIC CITY
VINELAND-MILLVILLE-BRIDGETON
WILMINGTON
BALTIMORE
MANCHESTER
NASHUA
FITCHBURG-LEOMINSTER
LOWELL
LAWRENCE-HAVERHILL
PITTSFIELD
WORCESTER
BOSTON
BROCKTON
SPRINGFIELD-CHICOPEE-HOLYOKE
HARTFORD
BRISTOL
WATERBURY
NEW BRITAIN
NEW BEDFORD
DANBURY
FALL RIVER
NORWALK
MERIDEN
NEW LONDON-NORWICH
PROVIDENCE-WARWICK-PAWTUCKET
STAMFORD
NEW HAVEN-WEST HAVEN
BRIDGEPORT
PROVIDENCE-FALL RIVER
0 100 200 300 400 500 Kilometers
0 100 200 300 400 500 Miles

FIGURE 6. MAJOR DATA ITEMS COLLECTED AND PUBLISHED IN THE FINAL REPORTS OF THE BASIC ECONOMIC CENSUSES, BY GEOGRAPHIC LEVEL OF DETAIL, WITH SPECIALIZED ITEMS UNIQUE TO THE CENSUS OF RETAIL TRADE

(Legend: A--All levels (U.S., States, substate areas). N--National only. S--State and national.)

Item	Census: Retail trade	Wholesale trade	Service industries	Constr. industries	Manufactures	Mineral industries
NUMBER OF ESTABLISHMENTS AND FIRMS						
All establishments	A			S		
Establishments with payroll	A	A	A	A	A	A
Single-unit and multiunit establishments	N	N	N	N	N	N
Establishments by legal form of organization	N	N	N	N	N	N
Firms	N	N	N		S	N
Single-unit and multiunit firms	N	N	N		N	N
Concentration by major firms	N	N	N		N	
EMPLOYMENT						
All employees	A	A	A	A	A	A
Production (construction) workers				S	A	A
Employment size of establishments	N	N	N	S	A	N
Employment size of firms	N	N	N			
Production (construction) worker hours				S	A	A
PAYROLLS						
All employees, entire year	A	A	A	A	A	A
All employees, first quarter	A	A	A	S	N	
Production (construction) workers				S	A	A
Supplemental labor costs, legally required and voluntary	N	N	N	S	S	S
SALES, RECEIPTS, OR VALUE OF SHIPMENTS						
All establishments	A			S	A	A
Establishments with payroll	A	A	A	A		
By product, line, or type of construction	A	A	A	S	N	S
By class of customer	N	N				
By size of establishments	N	N	N	S	N	N
By size of firms	N	N	N			
OPERATING EXPENSES						
Total	N	A	N			
Cost of materials, etc.	N	N		A	A	A
Specific materials consumed (quantity/cost)	N	N			N	N
Cost of fuels	N	N	N	A	A	S
Energy consumed (quantity/cost)	N	N	N		A	S
Contract work		N		A	N	S
Products bought or sold (resales)					N	S
Advertising	N	N	N			
Rental payments, total	N	N	N	S	S	S
Buildings and structures	N	N	N	S	S	S
Machinery and equipment	N	N	N	S	S	S
Communications services	N	N	N	S	S	S
Purchased repairs	N	N	N	S	S	
CAPITAL EXPENDITURES						
Total	N	N	N	A	A	A
New, total	N	N	N	S	S	S
Buildings/equipment	N	N	N	S	S	S
Used, total	N	N	N	S	S	S
Buildings/equipment				S		S
DEPRECIABLE ASSETS, GROSS VALUE BUILDING/EQUIPMENT						
End of 1981	N	N	N	S	S	S
End of 1982	N	N	N	S	S	S
Depreciation (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
Retirements (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
INVENTORIES						
End of 1981	N	S		S	S	S
LIFO, non-LIFO, and reserves		N			S	S
End of 1982	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
OTHER						
Value added	N	N		A	A	A
Specialization by type of construction/mfg.				N	N	
Central administrative offices and auxiliaries	S	S	S	N	A	S
Water use					S	S

Specialized item	Census of retail trade
SPECIFIC KINDS OF BUSINESS	
Auto and home supply stores:	
Automotive service bays	S
Contract feeding	S
Drug stores:	
Prescriptions and pharmacists; third-party prescriptions	A
Eating and drinking places:	
Concession operators	S
Average cost per meal	A
Primary type of food service	S
Franchise holders	S
Seating capacity	A
Waiter or waitress service	A
General merchandise and food stores:	
Floor space	A
Fuel oil dealers:	
Unit sales of oil and other fuels	S
Gasoline service stations:	
Gallon sales	A
Number of gasoline pumps	A
Self-service stations	A
Department and misc. general merchandise stores:	
Leased departments	N
Liquefied petroleum gas dealers:	
No. selling bottle gas	S
Storage capacity	S
Optical goods stores:	
Number of opticians	S
Vendors:	
Percent of sales from vending machines by product	S

Note: See fig. 3, p. 10, and sections on individual censuses for substate areas included and limitations (number of establishments, population size, SIC level, etc.)

[1] Last in, first out.

Retail Trade

DEFINITION AND SCOPE

The 1982 Census of Retail Trade enumerated establishments primarily engaged in selling merchandise to the general public for personal or household consumption and in rendering services incidental to the sale of those goods. Two basic sources were used to obtain the census data: Forty-three different questionnaires, allowing for the many types of businesses covered, were mailed to firms above a predetermined size (generally equivalent to four or more paid employees) and to a sample of smaller employer firms; information for the balance was obtained from Federal administrative records.

The monthly and annual retail trade surveys are based on samples of firms with employees found in the census, supplemented with area samples of nonemployers and of recent "births" identified from administrative records during the years between censuses. Most of the data are collected by mail.

Data from the census are provided for about 100 kind-of-business classifications within the SIC major groups listed below:

52—building materials, hardware, garden supply, and mobile home dealers
53—general merchandise stores
54—food stores
55—automotive dealers and gasoline service stations
56—apparel and accessory stores
57—furniture, home furnishings, and equipment stores
58—eating and drinking places
59—miscellaneous retail

The **census** reports present data on the subjects listed in figure 6.

The 1982 census tables show columns for "all establishments" as well as "establishments with payroll." Unfortunately, the Federal administrative records that were to have been used to obtain data for establishments without payroll were found to be misclassified. Therefore, data in the "all establishments" columns are limited to geographic area totals only.

During the census year (every fifth year), a separate survey provides estimates on measures of operating expenses, capital expenditures, depreciable assets, and value added. The results are published as part of the census in the *Industry Series* (see below).

The current **surveys** concentrate on—
monthly and annual sales
monthly and year-end inventories
inventory/sales ratios

REPORTS

Census of Retail Trade

- *Preliminary Industry Series,* RC82 I-1 to 39(P) 📖 *. A separate report with data (number of establishments, sales, annual payroll, and number of employees) for each of 39 selected industries for the United States and for each State. These are followed by a U.S. summary report RC82-SUM(P) 📖 *. The industry reports include comparable historical statistics as well as a table showing the composition of sales by merchandise line for each kind of business.

Final Reports

- *Geographic Area Series,* RC82-A-1 to 52 📖 ▦ * ⊕ +. A separate report for each State, the District of Columbia, and the United States. Most tables present basic statistics (as illustrated in fig. 6), which include the number of establishments, sales, payroll, and employment, by varied retail classifications. Each State report offers basic statistics by detailed kind of business for the State and each SMSA and for counties and places with 500 or more retail establishments. These data are presented at less detailed kind-of-business levels for all other counties and for incorporated places with 2,500 or more inhabitants. Some comparative statistics are shown from previous census.
- *Industry Series,* RC82-I-1 to 4. Four reports, as follows:

  1, *Establishment and Firm Size (Including Legal Form of Organization)* 📖 ▦ *. Basic statistics based on size of establishment, size of company or firm, and legal form of organization. Data are shown by kind of business on the number of establishments, sales, payroll, and employment for the United States. Establishment statistics are presented by sales size and by employment size; statistics for firms, by sales size (including concentration by largest firms), by employment size, and by number of establishments operated.

  2, *Measures of Value Produced, Capital Expenditures, Depreciable Assets, and Operating Expenses* 📖 ▦ *. Estimates for all retail stores in the United States by selected kind-of-business categories; separate estimates in more limited detail are shown for retail stores operated by corporations.

  3, *Merchandise Line Sales* 📖 *. One or more reports containing statistics for 34 broad lines by kind of business. State reports, one for each State and the District of

Text continues on page 20.

Table 8. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More:

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic area

	Geographic area	All establishments[1, 2]				Establishments with payroll[1]					Kind-of-business groups (all establishments)			
				Unincorporated businesses							Building materials, hardware, garden supply, and mobile home dealers (SIC 52)		General merchandise group stores (SIC 53)	
		Number	Sales ($1,000)	Individual proprietorships (no.)	Partnerships (no.)	Number	Sales ($1,000)	Annual payroll ($1,000)	First quarter payroll ($1,000)	Paid employees for pay period including March 12 (no.)	Number	Sales ($1,000)	Number	Sales ($1,000)
	California—Con.													
1	San Diego County													
2	Carlsbad													
3	Chula Vista													
4	Coronado													
5	Del Mar													
6	El Cajon													
7	Escondido													
8	Imperial Beach													
9	La Mesa													
10	National City													
11	Oceanside													

SAMPLE

Table 1. Summary Statistics for the State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Kind of business	All establishments[1]				Establishments with payroll[1]				
				Unincorporated businesses						
		Number	Sales ($1,000)	Individual proprietorships (number)	Partnerships (number)	Number	Sales ($1,000)	Annual payroll ($1,000)	First quarter payroll ($1,000)	Paid employees for pay period including March 12 (number)
	Retail trade[2]									
52	**Building materials, hardware, garden supply, and mobile home dealers**									
521, 3	Building materials and supply stores									
521	Lumber and other building materials dealers									
523	Paint, glass, and wallpaper stores									
525	Hardware stores									
526	Retail nurseries, lawn and garden supply stores									
527	Mobile home dealers									

SAMPLE

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	All establishments[1]				Establishments with payroll[1]				
				Unincorporated businesses						
		Number	Sales ($1,000)	Individual proprietorships (number)	Partnerships (number)	Number	Sales ($1,000)	Annual payroll ($1,000)	First quarter payroll ($1,000)	Paid employees for pay period including March 12 (number)
	SANTA BARBARA-SANTA MARIA-LOMPOC, CALIF., SMSA									
	Retail trade[2]									
52	**Building materials, hardware, garden supply, and mobile home dealers**									
521, 3	Building materials and supply stores									
521	Lumber and other building materials dealers									
523	Paint, glass, and wallpaper stores									
525	Hardware stores									
526	Retail nurseries, lawn and garden supply stores									
527	Mobile home dealers									

SAMPLE

1982

followed by Δ, see appendix F]

Kind-of-business groups (all establishments)—Con.																
Food stores (SIC 54)		Automotive dealers (SIC 55 exc. 554)		Gasoline service stations (SIC 554)		Apparel and accessory stores (SIC 56)		Furniture, home furnishings, and equipment stores (SIC 57)		Eating and drinking places (SIC 58)		Drug and proprietary stores (SIC 591)		Miscellaneous retail stores[2] (SIC 59 exc. 591)		
Number	Sales ($1,000)	Number	Sales ($1,000)	Number	Sales ($1,000)	Number	Sales ($1,000)	Number	Sales ($1,000)	Number	Sales ($1,000)	Number	Sales ($1,000)	Number	Sales ($1,000)	
																1
																2
																3
																4
																5
																6
																7
																8
																9
																10

Table 6. Summary Statistics for Counties With 500 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	All establishments[1]				Establishments with payroll[1]				
				Unincorporated businesses						
		Number	Sales ($1,000)	Individual proprietorships (number)	Partnerships (number)	Number	Sales ($1,000)	Annual payroll ($1,000)	First quarter payroll ($1,000)	Paid employees for pay period including March 12 (number)
	SAN MATEO COUNTY									
	Retail trade[2]									
52	**Building materials, hardware, garden supply, and mobile home dealers**									
521, 3	Building materials and supply stores									
521	Lumber and other building materials dealers									
523	Paint, glass, and wallpaper stores									
525	Hardware stores									
526	Retail nurseries, lawn and garden supply stores									
527	Mobile home dealers									

SAMPLE

Table 7. Summary Statistics for Places With 500 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	All establishments[1]				Establishments with payroll[1]				
				Unincorporated businesses						
		Number	Sales ($1,000)	Individual proprietorships (number)	Partnerships (number)	Number	Sales ($1,000)	Annual payroll ($1,000)	First quarter payroll ($1,000)	Paid employees for pay period including March 12 (number)
	EL CAJON									
	Retail trade[2]									
52	**Building materials, hardware, garden supply, and mobile home dealers**									
521, 3	Building materials and supply stores									
525	Hardware stores									
526	Retail nurseries, lawn and garden supply stores									
527	Mobile home dealers									

SAMPLE

Table 1b. Merchandise Lines by Kind of Business for Standard Metropolitan Statistical Areas: 1982

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

ML code	Geographic area, kind of business, and merchandise line	Establishments[1] (number)	Sales of specified merchandise line[1]			ML code	Geographic area, kind of business, and merchandise line	Establishments[1] (number)	Sales of specified merchandise line[1]		
			Amount ($1,000)	As percent of total sales of— Establishments handling line	As percent of total sales of— All establishments				Amount ($1,000)	As percent of total sales of— Establishments handling line	As percent of total sales of— All establishments
	SANTA BARBARA-SANTA MARIA-LOMPOC, CALIF., SMSA						**VALLEJO-FAIRFIELD-NAPA, CALIF., SMSA**				
	Retail trade						**Retail trade**				
	Building Materials, Hardware, Garden Supply, and Mobile Home Dealers (SIC 52)						**Building Materials, Hardware, Garden Supply, and Mobile Home Dealers (SIC 52)**				
	Total						**Total**				
100	Groceries and other foods					100	Groceries and other foods				
280	Curtains, draperies, and dry goods					280	Curtains, draperies, and dry goods				
300	Major household appliances					300	Major household appliances				
310	Small electric appliances					310	Small electric				

Columbia, ▦ ⊕ +, include all SMSA's plus the balance of the State. For establishments with payroll, data are shown for each kind of business by merchandise line. The tables show the number of establishments handling the line and their sales of the line, the percentage of total sales the line accounted for within the kind of business, and for establishments actually handling a specific line, the percentage of their total sales represented by the sales of that line. Summary data also are presented for the 34 broad merchandise lines for establishments with payroll, including counts of establishments and the amount and percent of the line sold by various kinds of retail business.

4, *Miscellaneous Subjects* 📖 ▦ *. Specialized data on eating and drinking places, gasoline service stations and liquefied petroleum (LP) gas dealers, and other miscellaneous subjects, for the Nation as a whole, and where feasible, for States and SMSA's.

- *Major Retail Centers,* series RC82-C-1 to 51 📖 ▦ *. Separate reports for each State and the District of Columbia. Basic data are shown for the SMSA's and each of 456 central business districts (CBD's) and 1,545 major retail centers (MRC's), including the number of establishments, sales, payroll, and employment, by varied retail categories.

See also—

- *1982 Economic Censuses of Outlying Areas* (p. 48)
- Minority- and Women-Owned Businesses (p. 53)
- Enterprise Statistics (p. 51)
- Other Related Statistics (sec. 5, p. 59)

Current Retail Trade Statistics

(Current Business Reports)

- *Monthly Retail Trade: Sales and Inventories,* series BR 📖 (subscription* or single copies+) ▦ +. A monthly report of sales estimates, including dollar volume and percentage changes, for the United States, summarized by major kind-of-business groups and selected individual kinds of retail business for census regions and divisions, and for the most populous 19 States, 23 SMSA's, and 4 cities. Comparable data are shown for the prior 12 months, along with the percentage changes from the previous month, the same month in the previous year, and cumulative year to year. Separate sales figures are displayed for large firms operating 11 or more retail stores, with comparative data for previous months. Additionally, national estimates of end-of-month inventories and inventory/sales ratios are presented for broad kind-of-business categories. Beginning with the January 1984 issue, this report includes a table showing the number of department stores and their estimated sales for the 100 metropolitan areas with the largest populations.

[Catalog information] U.S. BUREAU OF THE CENSUS. CENSUS OF RETAIL TRADE
INDUSTRY SERIES RC82-I-3. CALIF.
MERCHANDISE LINE SALES (1984) FICHE X of XX

- *Annual Retail Trade,* series BR 📖 ▦ +. An annual report of estimates of annual sales, year-end inventories, inventory/sales ratios, methods of inventory valuation, and accounts-receivable balances for the United States. Comparable statistics are shown for the previous year, along with year-to-year percentage changes.
- *Advance Monthly Retail Sales,* series CB 📖 (subscription or single copies+) ▦ +. An early report of monthly retail sales levels and trends by kind-of-business groups at the national level only. The figures are based on a sample of the Census Bureau's retail trade survey panel. The series provides the following: advance estimates for the current month, preliminary and final estimates for the two preceding months, and final estimates for the same two months a year ago. Each report is released about 10 days after the end of the month it covers.

See also—

- *County Business Patterns* (p. 55)
- *Quarterly Financial Report* (p. 56)
- Other Related Statistics (sec. 5, p. 59)

TABLE FROM MAJOR RETAIL CENTERS, SERIES RC82-C (CALIFORNIA)

Table 1. Statistics by Kind of Business for Major Retail Centers, Central Business Districts, Cities With Central Business Districts, and the Standard Metropolitan Statistical Area: 1982

[For meaning of abbreviations and symbols, see introductory text. For definition of SMSA, see appendix D. For descriptions of MRC and CBD boundaries, see appendix I]

SIC code	Kind of business	Standard metropolitan statistical area	Anaheim		Santa Ana		Fountain Valley		Newport Beach	
			City	Central business district	City	Central business district	City	Central business district	City	Central business district
	Retail stores[1 2 3]:									
	Number									
	Sales ($1,000)									
	Annual payroll ($1,000)									
	Paid employees for pay period including March 12, 1982									
54, 58, 591	**Convenience goods stores:**									
	Number									
	Sales ($1,000)									
53, 56, 57; 594	**Shopping goods stores (GAF)[4 5]:**									
	Number									
	Sales ($1,000)									
52, 55, 59, ex. 591, 4, 6	**All other stores:**									
	Number									
	Sales									

SAMPLE

TABLE FROM MONTHLY RETAIL TRADE, SERIES BR-83

Table 1. Estimated Monthly Retail Sales, by Kind of Business

SIC CODE	KIND OF BUSINESS	1983 JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.P	1982 SEPT.	OCT.	NOV.	DEC.	TOTAL 9 MONTHS 1983	1982
		DATA. IN MILLIONS OF DOLLARS. NOT ADJUSTED FOR SEASONAL VARIATIONS. HOLIDAY. OR TRADING-DAY DIFFERENCES														
	RETAIL TRADE. TOTAL.....	81,342	78.884	93,760	93,970	97,840	100611	99,563	100228	97,873	88,159	91,416	94.196	113,189	844,071	776,878
	TOTAL (EXCL. AUTO. GROUP)....	67,566	64.348	74,514	75,565	78,255	79,373	79,974	81,036	79,328	72,898	76,198	77.963	98,229	679,959	640.899
	DURABLE GOODS, TOTAL.....	23,808	24.159	30,832	30,350	32,656	34.999	32,861	33.039	32,043	26,776	26.824	28.423	31,142	274,747	234.479
52	BLDG. MAT.. HARDWARE, GARDEN SUPPLY & MOBILE HOME DEALERS.....	3,261	3.159	4,088	4,567	5,416	5.685	5,290	5,356	5,096	4,395	4,404	4.039	3,864	41,918	36.668
521,3,5	BLDG. MAT.. SUPPLY, HARDWARE.....	2,955	2.848	3,616	3,939	4,521	4,874	4,675	4,723	4,510	3,863	3,913	3.588	3,458	36,661	31.585
521,3	BLDG. MAT.. & SUPPLY STORES....	2,391	2.323	2,983	3,220	3,701	4,061	3,897	3,990	3,806	3,208	3,213	2.901	2,650	30,372	25.417
525	HARDWARE STORES.....	564	525	633	719	820	813	778	733	704	655	700	687	808	6,289	6.168
55 EX 554	AUTOMOTIVE DEALERS.....	13,776	14.536	19,246	18,405	19,585	21.238	19,589	19,192	18,545	15,261	15,218	16,233	14,960	164,112	135.979
551,2,5, 6,7,9	MOTOR VEHICLE AND MISC. AUTOMOTIVE DEALERS	12,292	13.076	17,459	16,551	17,652	19.170	17,488	17,076	16,536	13,451	13,328	14.395	13.154	147,300	120.604
551.2	MOTOR VEHICLE DEALERS.....	11,810	12.483	16,563	15,567	16,534	18.110	16,559	16,324	15,922	12,832	12.777	13.861	12.646	139,872	113.801
551	MOTOR VEH. (FRANCHISED)....	11,122	11.707	15,524	14,330	15,306	16.843	15,433	15,072	14,789	12,117	12,052	13.140	12,009	130,126	106,719
553	AUTO & HOME SUPPLY STORES.....	1,484	1.460	1,787	1,854	1,933	2.068	2,101	2.116	2,009	1,810	1,890	1.838	1,806	16,812	15.375
57	FURNITURE.HOME FURN.&EQUIP STRS....	3,639	3.440	4,035	3,937	3,976	4,187	4,319	4,579	4,394	3,765	3,859	4.193	5,318	36,506	33.143
571	FURNITURE & HOME FURN. STORES....	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FIGURE 7. MAJOR DATA ITEMS COLLECTED AND PUBLISHED IN THE FINAL REPORTS OF THE BASIC ECONOMIC CENSUSES, BY GEOGRAPHIC LEVEL OF DETAIL, WITH SPECIALIZED ITEMS UNIQUE TO THE CENSUS OF WHOLESALE TRADE

(Legend: A--All levels (U.S., States, substate areas). N--National only. S--State and national.)

Item	Census: Retail trade	Wholesale trade	Service industries	Constr. industries	Manufactures	Mineral industries
NUMBER OF ESTABLISHMENTS AND FIRMS						
All establishments	A			S		
Establishments with payroll	A	A	A	A	A	A
Single-unit and multiunit establishments	N	N	N	N	N	N
Establishments by legal form of organization	N	N	N	N	N	N
Firms	N	N	N		S	N
Single-unit and multiunit firms	N	N	N		N	N
Concentration by major firms	N	N	N		N	
EMPLOYMENT						
All employees	A	A	A	A	A	A
Production (construction) workers				S	A	A
Employment size of establishments	N	N	N	S	A	N
Employment size of firms	N	N	N			
Production (construction) worker hours				S	A	A
PAYROLLS						
All employees, entire year	A	A	A	A	A	A
All employees, first quarter	A	A	A	S	N	
Production (construction) workers				S	A	A
Supplemental labor costs, legally required and voluntary	N	N	N	S	S	S
SALES, RECEIPTS, OR VALUE OF SHIPMENTS						
All establishments	A			S	A	A
Establishments with payroll	A	A	A	A		
By product, line, or type of construction	A	A	A	S	N	S
By class of customer	N	N				
By size of establishments	N	N	N	S	N	N
By size of firms	N	N	N			
OPERATING EXPENSES						
Total	N	A	N			
Cost of materials, etc	N	N		A	A	A
Specific materials consumed (quantity/cost)	N	N			N	N
Cost of fuels	N	N	N	A	A	S
Energy consumed (quantity/cost)	N	N	N		A	S
Contract work		N		A	N	S
Products bought or sold (resales)					N	S
Advertising	N	N	N			
Rental payments, total	N	N	N	S	S	S
Buildings and structures	N	N	N	S	S	S
Machinery and equipment	N	N	N	S	S	S
Communications services	N	N	N	S	S	S
Purchased repairs	N	N	N	S	S	
CAPITAL EXPENDITURES						
Total	N	N	N	A	A	A
New, total	N	N	N	S	S	S
Buildings/equipment	N	N	N	S	S	S
Used, total	N	N	N	S	S	S
Buildings/equipment				S		S
DEPRECIABLE ASSETS, GROSS VALUE BUILDING/EQUIPMENT						
End of 1981	N	N	N	S	S	S
End of 1982	N	N	N	S	S	S
Depreciation (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
Retirements (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
INVENTORIES						
End of 1981	N	S		S	S	S
LIFO, non-LIFO, and reserves		N			S	S
End of 1982	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
OTHER						
Value added	N	N		A	A	A
Specialization by type of construction/mfg				N	N	
Central administrative offices and auxiliaries	S	S	S	N	A	S
Water use					S	S

Specialized item	Census of wholesale trade
ALL INDUSTRIES	
Employment by principal activity	N
Type of operation (i.e., merchant wholesalers, manufacturing sales branches and offices, agents, brokers, or commission merchants)	A
Commission sales and commissions for agents and brokers	N
Inventory valuation methods by kind of business and type of operation	N
SPECIFIC KINDS OF BUSINESS	
Petroleum bulk plants:	
Bulk storage capacity	A
Gallon sales of petroleum by type of product	A
Methods of receiving petroleum bulk liquid products	S

Note: See fig. 3, p. 10, and sections on individual censuses for substate areas included and limitations (number of establishments, population size, SIC level, etc.)

[1]Last in, first out.

Wholesale Trade

DEFINITION AND SCOPE

The 1982 Census of Wholesale Trade was an enumeration of establishments primarily engaged in selling merchandise to retailers and repair shops; to industrial, commercial, institutional, or professional users; to farmers for farm use; to governments; or to other wholesalers. Agents or brokers who bought or sold merchandise for, or sold merchandise to, such clients or customers are classified in wholesale trade and covered in this census. It also included establishments primarily selling merchandise to contractors, except lumber, paint, glass, and wallpaper stores, which are classified in retail trade if they sell to the general public, even if a higher proportion of their sales is made to contractors. Thirty-eight different questionnaires were used to obtain the census data by mail from all firms with paid employees. (Those without paid employees are not included in the census.) All wholesale establishments were classified into one of three major types of operation: merchant wholesalers, manufacturers' sales branches and sales offices (but not retail stores), and merchandise agents and brokers.

The monthly and annual wholesale trade survey data also are collected by mail, but from a sample of merchant-wholesaler firms only. The sample list from the census is updated with "births" obtained from administrative records during the years between censuses.

The census of wholesale trade includes the following SIC kind-of-business groups:

50— durable goods
501—motor vehicles and automotive parts and supplies
502—furniture and home furnishings
503—lumber and other construction materials
504—sporting, recreational, photographic, and hobby goods, toys and supplies
505—metals and minerals, except petroleum
506—electrical goods
507—hardware, and plumbing and heating equipment and supplies
508—machinery, equipment, and supplies
509—miscellaneous durable goods

51— nondurable goods
511—paper and paper products
512—drugs, drug proprietaries and druggists' sundries
513—apparel, piece goods, and notions
514—groceries and related products
515—farm-product raw materials
516—chemicals and allied products
517—petroleum and petroleum products
518—beer, wine and distilled alcoholic beverages
519—miscellaneous nondurable goods

The **census** reports present data on the subjects listed in figure 7.

During the census year (every fifth year), a separate survey provides estimates of operating expenses, capital expenditures, depreciable assets, and value added. The results are published as part of the census in the *Industry Series* (see below).

The current surveys provide data on—
monthly and annual sales
end-of-month/year inventories
stock (inventory)/sales ratios

REPORTS

1982 Census of Wholesale Trade

- *Preliminary Industry Series,* WC82-I-1(P) to 39(P) 📖 *. A separate report with data (number of establishments, sales, annual payroll, and number of employees) for each of 39 selected industries for the Nation and each State. These are followed by a U.S. summary report, WC82-SUM(P) 📖 *. Each industry report includes historical statistics as well as a table showing the composition of sales by commodity line for each kind of business.

Final Reports

- *Geographic Area Series,* WC82-A-1 to 52 📖 ▦ * ⊕ +. Separate reports for each State, the District of Columbia, and the United States. Each State report presents basic statistics, which include the number of establishments, sales, payroll, and employment, by varied wholesale classifications and types of operation for the State and each SMSA, and for counties and places with 200 wholesale establishments or more. Inventory and operating expense data are provided for detailed classifications and types of operation for the State as a whole. Some comparative statistics are shown from the previous census. Figures for all other counties and for incorporated places with 2,500 inhabitants or more appear without any kind-of-business detail.

TABLES FROM GEOGRAPHIC AREA SERIES WC82-A

Table 4. **Summary Statistics for Standard Metropolitan Statistical Areas: 1982**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Establishments (number)	Sales ($1,000)	Annual payroll ($1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers: Establishments (number)	Merchant wholesalers: Sales ($1,000)	Merchant wholesalers: Annual payroll ($1,000)	Merchant wholesalers: Paid employees for pay period including March 12 (number)	Other operating types: Establishments (number)	Other operating types: Sales ($1,000)
	SACRAMENTO, CALIF., SMSA										
	Wholesale trade										
50	**Durable goods**										
501	Motor vehicles and automotive parts and supplies										
5012	Automobiles and other motor vehicles										
5013	Automotive parts and supplies										
5014	Tires and tubes										
502	Furniture and home furnishings										
5021	Furniture										
5023	[illegible]hings										

SAMPLE

Table 7. **Summary Statistics for Places With 200 Establishments or More: 1982**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Establishments (number)	Sales ($1,000)	Annual payroll ($1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers: Establishments (number)	Merchant wholesalers: Sales ($1,000)	Merchant wholesalers: Annual payroll ($1,000)	Merchant wholesalers: Paid employees for pay period including March 12 (number)	Other operating types: Establishments (number)	Other operating types: Sales ($1,000)
	SAN DIEGO										
	Wholesale trade										
50	**Durable goods**										
501	Motor vehicles and automotive parts and supplies										
5012	Automobiles and other motor vehicles										
5013	Automotive parts and supplies										
5014	Tires and tubes										
502	Furniture and home furnishings										
5021	Furniture										
5023	[illegible]hings										

SAMPLE

TABLE FROM WHOLESALE TRADE, INDUSTRY SERIES, WC82-I

Table 7. **Detailed Type of Operation for the United States: 1982**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Kind of business and type of operation	Establishments (number)	Sales ($1,000)	End-of-1982 inventories ($1,000)	Operating expenses ($1,000)	Annual payroll ($1,000)	First quarter payroll ($1,000)	Paid employees for pay period including March 12 (number)
	Wholesale trade							
	TYPE OF OPERATION							
	Merchant wholesalers							
	Wholesale distributors and jobbers							
	Importers							
	Exporters							
	Terminal grain elevators							
	Country grain elevators							
	Assemblers of farm products, except country grain elevators							

SAMPLE

- *Industry Series,* WC82-I-1 to 4. Four reports:

1, *Establishment and Firm Size (Including Legal Form of Organization)*. Basic statistics based on size of establishment, size of company or firm, and legal form of organization. Data are shown by kind of business and type of operation on the number of establishments, sales, payroll, and employment for the United States. Establishment statistics are presented by sales size and by employment size; statistics for firms, by sales size (including concentration by largest firms), by employment size, and by number of establishments operated.

2, *Measures of Value Produced, Capital Expenditures, Depreciable Assets, and Operating Expenses*. Estimates for all merchant wholesalers in the United States by selected kind-of-business categories; separate estimates in more limited detail are shown for merchant wholesale establishments operated by corporations.

3, *Commodity Line Sales* +. A report for the United States and for the 15 States and 15 SMSA's with the most wholesale trade activity, on the number and total sales of establishments by kind of business, type of operation, and commodity line sold. The tables include the percentage of sales in specified kind of business, by line, both for total sales and sales of establishments handling the line.

4, *Miscellaneous Subjects*. Sales by class of customer, employment by principal activity, and inventory valuation methods by kind of business and type of operation, at the national level; commission sales and commissions of agents and brokers, at the national level; and sales (in gallons and dollars) and storage capacities of petroleum bulk stations and terminals, at U.S., State, and county levels.

See also—

- *1982 Economic Censuses of Outlying Areas* (p. 48)
- Minority- and Women-Owned Businesses (p. 53)
- Enterprise Statistics (p. 51)
- Other Related Statistics (sec. 5, p. 59)

Current Wholesale Trade Statistics

(Current Business Reports)

- *Monthly Wholesale Trade: Sales and Inventories,* series BW (subscription* or single copies+) +. A monthly report for selected three-digit SIC kinds of business for merchant wholesalers on sales, inventories, and stock (inventory)/sales ratios, with percentage changes and estimated dollar volume, for the United States only. The January report contains all final data for the previous year.
- *Annual Wholesale Trade,* series BW (part of monthly subscription* or single copies+) +. An annual report with estimates of annual sales, year-end inventories, sales/inventory ratios, and method of inventory valuation, by selected three-digit SIC kinds of business for merchant wholesalers for the United States. Comparable statistics are shown for the previous year, along with year-to-year percentage changes.

See also—

- *County Business Patterns* (p. 55)
- *Quarterly Financial Report* (p. 56)
- Other Related Statistics (sec. 5, p. 59)

TABLE FROM MONTHLY WHOLESALE TRADE, SERIES BW

Table 1. **Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: 1983 and 1982**

(SALES AND INVENTORIES IN MILLIONS OF DOLLARS)

SIC CODE	KIND OF BUSINESS	1983											1982		TOTAL 11 MONTHS	
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.[P]	NOV.	DEC.	1983	1982
		DATA NOT ADJUSTED FOR SEASONAL VARIATION OR TRADING-DAY DIFFERENCES														
	SALES, TOTAL.....	87,420	84,974	100,953	91,153	98,523	103,062	94,640	[r]102,789	[r]102,825	105,694	106,275	94,181	94,279	1078308	1050073
50	DURABLE GOODS.....	35,061	34,133	40,763	37,531	39,875	43,773	39,836	43,735	43,661	45,193	44,497	38,279	37,643	448,058	420,070
501	MOTOR VEHICLES & AUTO. EQUIP.	6,826	6,582	8,217	7,764	7,876	8,733	8,298	8,412	8,071	8,893	8,727	7,463	7,491	88,399	80,171
502	FURNITURE & HOME FURNISHINGS.....	1,207	1,222	1,519	1,444	1,478	1,547	1,341	1,604	1,667	1,837	1,740	1,338	1,330	16,606	14,665
506	ELECTRICAL GOODS.....	4,296	4,403	5,065	4,817	5,154	5,758	5,657	6,132	6,350	6,330	6,423	4,774	4,832	60,385	49,742
507	HARDWARE,PLUMBING & HEATING EQUIP.	2,114	1,972	2,323	2,200	2,415	2,593	2,536	2,833	2,734	2,745	2,719	2,273	2,219	27,184	24,625
508	MACHINERY, EQUIP. & SUPPLIES.....	9,987	9,873	11,683	10,360	11,186	11,906	10,347	11,753	11,709	11,556	11,614	10,817	11,142	121,974	124,125
51	NONDURABLE GOODS.....	52,359	50,841	60,190	53,622	58,648	59,289	54,804	[r]59,054	[r]59,164	60,501	61,778	55,902	56,636	630,250	630,003
511	PAPER & PAPER PRODUCTS.....	1,923	1,826	2,123	1,883	1,960	2,056	1,865	2,184	2,266	2,234	2,217	1,885	1,930	22,537	20,846
514	GROCERIES & RELATED PRODUCTS.....	14,513	14,333	16,252	15,422	16,579	17,040	15,867	[r]16,984	[r]17,417	16,724	16,692	15,529	15,622	177,823	164,223
518	BEER, WINE, & DISTILLED BEVERAGES.	2,273	2,332	3,101	2,792	3,343	3,818	3,143	3,329	3,151	2,947	3,357	3,381	3,672	33,586	32,419
519	MISC. NONDURABLE GOODS.....	5,766	5,800	7,553	7,090	8,515	8,005	6,849	7,244	7,216	7,563	7,540	6,497	7,001	79,141	74,722
	INVENTORIES, TOTAL.....	118,010	117,803	118,208	117,613	115,127	114,492	114,378	114,786	117,312	120,105	121,107	119,620	119,302	(X)	(X)
50	DURABLE GOODS.....	76,097	75,738	75,935	75,790	74,963	75,117	75,090	75,100	76,550	76,355	76,437	77,964	77,415	(X)	(X)
501	MOTOR VEHICLES & AUTO. EQUIP.	13,075	12,816	12,642	12,613	12,309	12,189	12,073	11,688	12,553	12,700	12,682	13,493	13,199	(X)	(X)
502	FURNITURE & HOME FURNISHINGS.....	2,229	2,263	2,239	2,198	2,173	2,245	2,236	2,292	2,340	2,219	2,203	2,142	2,167	(X)	(X)
505	METALS & MINERALS, EX. PETROLEUM..	8,922	9,138	8,887	8,518	8,651	8,703	8,641	8,726	9,028	8,736	8,950	9,604	9,467	(X)	(X)
506	ELECTRICAL GOODS.....	8,514	8,251	8,376	8,463	8,448	8,627	8,901	8,871	9,050	9,268	9,298	9,003	8,680	(X)	(X)
507	HARDWARE, PLUMBING & HEATING EQUIP.	4,977	5,020	5,032	5,130	5,027	4,925	4,973	4,884	4,899	4,909	5,019	4,720	4,835	(X)	(X)
508	MACH[illegible]P. & SUP[illegible]	28,407	[illegible]	8,797	[illegible]	370	28[illegible]	[illegible]907	[illegible]	[illegible]050	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FIGURE 8. MAJOR DATA ITEMS COLLECTED AND PUBLISHED IN THE FINAL REPORTS OF THE BASIC ECONOMIC CENSUSES, BY GEOGRAPHIC LEVEL OF DETAIL, WITH SPECIALIZED ITEMS UNIQUE TO THE CENSUS OF SERVICE INDUSTRIES

(Legend: A--All levels (U.S., States, substate areas). N--National only. S--State and national.)

Item	Census: Retail trade	Wholesale trade	Service industries	Constr. industries	Manufactures	Mineral industries
NUMBER OF ESTABLISHMENTS AND FIRMS						
All establishments	A			S		
Establishments with payroll	A	A	A	A	A	A
Single-unit and multiunit establishments	N	N	N	N	N	N
Establishments by legal form of organization	N	N	N	N	N	N
Firms	N	N	N		S	N
Single-unit and multiunit firms	N	N	N		N	N
Concentration by major firms	N	N	N		N	
EMPLOYMENT						
All employees	A	A	A	A	A	A
Production (construction) workers				S	A	A
Employment size of establishments	N	N	N	S	A	N
Employment size of firms	N	N	N			
Production (construction) worker hours				S	A	A
PAYROLLS						
All employees, entire year	A	A	A	A	A	A
All employees, first quarter	A	A	A	S	N	
Production (construction) workers				S	A	A
Supplemental labor costs, legally required and voluntary	N	N	N	S	S	S
SALES, RECEIPTS, OR VALUE OF SHIPMENTS						
All establishments	A			S	A	A
Establishments with payroll	A	A	A	A		
By product, line, or type of construction	A	A	A	S	N	S
By class of customer	N	N				
By size of establishments	N	N	N	S	N	N
By size of firms	N	N	N			
OPERATING EXPENSES						
Total	N	A	N			
Cost of materials, etc	N	N		A	A	A
Specific materials consumed (quantity/cost)	N	N			N	N
Cost of fuels	N	N	N	A	A	S
Energy consumed (quantity/cost)	N	N	N		A	S
Contract work		N		A	N	S
Products bought or sold (resales)					N	S
Advertising	N	N	N			
Rental payments, total	N	N	N	S	S	S
Buildings and structures	N	N	N	S	S	S
Machinery and equipment	N	N	N	S	S	S
Communications services	N	N	N	S	S	S
Purchased repairs	N	N	N	S	S	
CAPITAL EXPENDITURES						
Total	N	N	N	A	A	A
New, total	N	N	N	S	S	S
Buildings/equipment	N	N	N	S	S	S
Used, total	N	N	N	S	S	S
Buildings/equipment				S		S
DEPRECIABLE ASSETS, GROSS VALUE BUILDING/EQUIPMENT						
End of 1981	N	N	N	S	S	S
End of 1982	N	N	N	S	S	S
Depreciation (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
Retirements (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
INVENTORIES						
End of 1981	N	S		S	S	S
LIFO, non-LIFO, and reserves		N			S	S
End of 1982	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
OTHER						
Value added	N	N		A	A	A
Specialization by type of construction/mfg				N	N	
Central administrative offices and auxiliaries	S	S	S	N	A	S
Water use					S	S

Specialized item	Census of service industries
SPECIFIC KINDS OF BUSINESS	
Laundry, cleaning and garment services:	
Dry-cleaning and laundry equipment	S
Funeral services and crematories:	
Repayment of cash advances	S
Automotive parking:	
Parking facilities	[2]A
Bowling establishments:	
Lanes operated and paid lanes bowled	S
Armature rewinding shops:	
Number of units repaired	S
Offices of physicians, osteopaths, and dentists; legal services:	
Personnel and payroll by occupation	A
Offices of dentists:	
In-house laboratories	S
Medical and dental laboratories:	
Personnel by type	S
Legal services:	
Class of client	A
Primary fields of practice	A
Operating expenses	A
Engineering, architectural, and surveying services:	
Fees by class of client	S
Personnel by occupation	S
Engineering and architectural services:	
Fees, by type of project	S
Hotels, motor hotels, motels:	
No. of guestrooms	N
Membership in franchise or coownership group carrying common name	A
Hotels, rooming and boarding houses:	
Transient and residential occupancy	A
Motion picture theaters:	
Admissions and capacity	A
Promotional expenditures	A
Number of screens operated	A
Services allied to motion picture production:	
Footage, by type of motion picture processed and/or printed	N
Motion picture production and allied services; motion picture distribution and allied services:	
Operating expenses	A
SELECTED KINDS OF BUSINESS	
Merchandise sales	A
Services provided to nonresidents of the United States	A

Note: See fig. 3, p. 10, and sections on individual censuses for substate areas included and limitations (number of establishments, population size, SIC level, etc.)

[1] Last in, first out.
[2] State only.

Service Industries

DEFINITION AND SCOPE

The 1982 Census of Service Industries enumerated establishments primarily engaged in providing a wide variety of services for individuals, business and government establishments, and other organizations. Two basic sources were used to obtain the census data: Forty-one different questionnaires, allowing for the many types of businesses covered, were mailed to firms above predetermined sizes depending on the industry involved and to a sample of smaller employer firms; information for the balance was obtained from Federal administrative records.

The annual survey is based on a mail sample of firms covered by the census, updated with "births" reported in administrative records during the years between censuses.

Unless otherwise indicated, the census and the survey cover the following SIC categories:

70—hotels, rooming houses, camps, and other lodging places (survey limited to SIC 701, hotels, motels, and tourist courts; and 703, camps and trailering parks)
72—personal services
73—business services (census only)
75—automotive repair, services, and garages
76—miscellaneous repair services
78—motion pictures
79—amusement and recreation services, except motion pictures
80—health services (except 806, hospitals)
81—legal services
82—educational services (except 821, elementary and secondary schools, and 822, colleges, universities, professional schools, and junior colleges; the survey excludes all of SIC 82)
83—social services (census only)
84—noncommercial museums, art galleries, botanical and zoological gardens (census only)
86—membership organizations (the census excludes 863, labor unions and similar organizations, 865, political organizations, and 866, religious organizations; the survey excludes SIC 86 entirely)
89—miscellaneous services (census only)

SIC 4722, arrangement of passenger transportation, was included in the 1977 Census of Service Industries, but the 1982 data were published as part of the census of transportation (see p. 46).

The **census** reports present data on the subjects listed in figure 8.

The 1982 census tables show columns for "all establishments" as well as "establishments with payroll." Unfortunately, the Federal administrative records that were to have been used to obtain data for establishments without payroll were found to be misclassified. Therefore, no data are shown in the "all establishments" columns.

During the census year (every fifth year), a separate survey collects data on capital expenditures, depreciable assets, and selected operating expenses; the results are published as part of the census *Industry Series* (see below).

The annual **survey** generally concentrates on receipts.

REPORTS

1982 Census of Service Industries

- *Preliminary Industry Series,* SC82-I-1 to 19(P) 📖 *. Nineteen separate reports for selected industries with data (number of establishments, receipts/revenue, annual payroll, and number of employees) for the Nation and the States, together with comparable historical statistics and a table showing the composition of receipts by type for selected kinds of business. These are followed by a U.S. summary report SC82-SUM(P) 📖 * covering all service industries.

Final Reports

- *Geographic Area Series,* SC82-A-1 to 52 📖 ▦ * ⊕ +. A separate report for each State, the District of Columbia, and the United States. The State reports present data for the States, SMSA's, counties, and incorporated places on the number of establishments, receipts, payroll, and employment, by varied service classifications. Each State report displays basic statistics by detailed kind of business for both taxable (subject to Federal income tax) and tax-exempt industries for the State and for each SMSA. In addition, basic statistics are published for taxable industries by detailed kind of business for counties and places with 750 establishments or more and at selected kind-of-business levels for all other counties and for incorporated places with 2,500 inhabitants or more. Some comparative statistics from the previous census are shown.

TABLE FROM INDUSTRY SERIES SC82-I

Table 2. **Major Sources of Receipts for the United States and Selected States: 1982**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see

SIC code	Geographic area and kind of business or operation	Establishments (number)	Sources of receipts: Total ($1,000)	Coin-operated laundry and dry cleaning (store) ($1,000)	Coin-operated washing machine route ($1,000)	Dry-cleaning work (except coin-operated, industrial and rug): To consumers ($1,000)	Dry-cleaning work: To resellers ($1,000)	Family and bachelor laundry work: To consumers ($1,000)	Family and bachelor laundry work: To resellers ($1,000)	Commercial laundry work ($1,000)
	United States									
7215	Coin-operated laundries and dry cleaning									
7215 pt.	Coin-operated laundries and dry-cleaning stores									
7215 pt.	Coin-operated laundry machine routes									
	California									
7215	Coin-operated laundries and dry cleaning									
7215 pt.	Coin-operated laundries and dry-cleaning stores									
	Coin- ... machi									

SAMPLE

TABLES FROM GEOGRAPIC AREA SERIES SC82-A

Table 1a. **Summary Statistics for Firms Subject to Federal Income Tax for the State: 1982**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Kind of business or operation	All establishments: Number	All establishments: Receipts ($1,000)	All establishments: Unincorporated businesses or operations: Individual proprietorships (number)	All establishments: Unincorporated businesses or operations: Partnerships (number)	Establishments with payroll: Number	Establishments with payroll: Receipts ($1,000)	Establishments with payroll: Annual payroll ($1,000)	Establishments with payroll: First quarter payroll ($1,000)	Establishments with payroll: Paid employees for pay period including March 12 (number)
	Total									
70	**Hotels, motels, and other lodging places**									
7011	Hotels, motor hotels, and motels									
7011 pt.	Hotels									
7011 pt.	Hotels, 25 guestrooms or more									
7011 pt.	Hotels, less than 25 guestrooms									
7011 pt.	Motels, motor hotels, and tourist courts									
7011 pt.	Motels, tourist courts									
7011 pt.	Motor hotels									
702, 3, 4	Other lodging places									
703	Trailering parks and camps									
7032	Sporting and recreational camps									
7033	Trailering parks and camp sites for transients									
702, 4	Rooming, boarding, and membership lodging									
702	Rooming and boarding houses									
704	Organizatio ... d lodging ho ... membership									

SAMPLE

Table 7. **Summary Statistics for Firms Subject to Federal Income Tax for Places With 750 Establishments or More: 1982**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business or operation	All establishments: Number	All establishments: Receipts ($1,000)	All establishments: Unincorporated businesses or operations: Individual proprietorships (number)	All establishments: Unincorporated businesses or operations: Partnerships (number)	Establishments with payroll: Number	Establishments with payroll: Receipts ($1,000)	Establishments with payroll: Annual payroll ($1,000)	Establishments with payroll: First quarter payroll ($1,000)	Establishments with payroll: Paid employees for pay period including March 12 (number)
	ANAHEIM									
	Total									
70	**Hotels, motels, and other lodging places**									
7011 pt.	Hotels									
7011 pt.	Motels, motor hotels, and tourist courts									
	... rks and ca									

SAMPLE

Sources of receipts—Con.									
Industrial laundry/dry-cleaning work and rental		Laundry work and rental							
Garments ($1,000)	Wiping cloths and dust control materials ($1,000)	Linen garments and full dry linens ($1,000)	Linen flatwork ($1,000)	Diaper laundering and rental ($1,000)	Carpet and upholstery cleaning ($1,000)	Sales of disposables and other merchandise ($1,000)	Other sources ($1,000)	Receipts of establishments reporting sources of receipts as percent of total receipts	SIC code
									7215
									7215 pt.
									7215 pt.
									7215
									7215 pt.

- *Industry Series,* SC82-I-1 to 5 ⊔ ▦ *. Five reports, as follows:

  1, *Establishment and Firm Size (Including Legal Form of Organization).* Basic statistics based on size of establishment, size of firm, and legal form of organization. Data are shown for both taxable and tax-exempt industries, by kind of business, on the number of establishments, receipts or revenues, payroll, and employment for the United States. Establishment statistics are published by receipts size and by employment size; statistics on firms by receipts size (including concentration by largest firms), by employment size, and by the number of establishments operated.

  2, *Capital Expenditures, Depreciable Assets, and Operating Expenses.* Estimates of capital expenditures, depreciable assets, and selected operating expenses for service establishments in the United States by selected kind-of-business categories; separate estimates in more limited detail are shown for corporations.

  The three remaining reports present data for the Nation and, where feasible, for States and SMSA's:

  3, *Hotels, Motels, and Other Lodging Places.* Statistics such as major sources of receipts, size categorized by number of guestrooms, membership in franchise or co-ownership group, and transient and residential occupancy.

  4, *Motion Picture Industry.* Includes data on sources of receipts of the motion picture and television film and tape industry; for theaters, promotional expenditures, admissions, capacity, and number of screens operated; motion picture film, and tape footage processed/printed; and operating expenses of producers, distributors, and allied service establishments.

  5, *Miscellaneous Subjects.* Specialized data for varied kinds of business, such as advertising agencies; photography; computer and data-processing services; automotive services; accounting, auditing, and bookkeeping services; and management, consulting, and public relations services.

See also—

- *Economic Censuses of Outlying Areas* (p. 48)
- Minority- and Women-Owned Businesses (p. 53)
- Enterprise Statistics (p. 51)
- Other Related Statistics (sec. 5, p. 59)

Current Service Industries Statistics

(Current Business Reports)

- *Service Annual Survey Report,* series BS ⊔ * ▦ +. An annual report with estimates of receipts of selected service industries (see SIC categories under "Definition and Scope" above). Data are shown for current and previous-year estimates, year-to-year percentage changes, and legal form of organization. This report replaces the monthly selected services receipts series.

See also—

- *County Business Patterns* (p. 55)
- Other Related Statistics (sec. 5, p. 59)

FIGURE 9. MAJOR DATA ITEMS COLLECTED AND PUBLISHED IN THE FINAL REPORTS OF THE BASIC ECONOMIC CENSUSES, BY GEOGRAPHIC LEVEL OF DETAIL, WITH SPECIALIZED ITEMS UNIQUE TO THE CENSUS OF CONSTRUCTION INDUSTRIES

(Legend: A--All levels (U.S., States, substate areas). N--National only. S--State and national.)

Item	Census: Retail trade	Wholesale trade	Service industries	Constr. industries	Manufactures	Mineral industries
NUMBER OF ESTABLISHMENTS AND FIRMS						
All establishments	A			S		
Establishments with payroll	A	A	A	A	A	A
Single-unit and multiunit establishments	N	N	N	N	N	N
Establishments by legal form of organization	N	N	N	N	N	N
Firms	N	N	N		S	N
Single-unit and multiunit firms	N	N	N		N	N
Concentration by major firms	N	N	N		N	
EMPLOYMENT						
All employees	A	A	A	A	A	A
Production (construction) workers				S	A	A
Employment size of establishments	N	N	N	S	A	N
Employment size of firms	N	N	N			
Production (construction) worker hours				S	A	A
PAYROLLS						
All employees, entire year	A	A	A	A	A	A
All employees, first quarter	A	A	A	S	N	
Production (construction) workers				S	A	A
Supplemental labor costs, legally required and voluntary	N	N	N	S	S	S
SALES, RECEIPTS, OR VALUE OF SHIPMENTS						
All establishments	A			S	A	A
Establishments with payroll	A	A	A	A		
By product, line, or type of construction	A	A	A	S	N	S
By class of customer	N	N				
By size of establishments	N	N	N	S	N	N
By size of firms	N	N	N			
OPERATING EXPENSES						
Total	N	A	N			
Cost of materials, etc.	N	N		A	A	A
Specific materials consumed (quantity/cost)	N	N			N	N
Cost of fuels	N	N	N	A	A	S
Energy consumed (quantity/cost)	N	N	N		A	S
Contract work		N		A	N	S
Products bought or sold (resales)					N	S
Advertising	N	N	N			
Rental payments, total	N	N	N	S	S	S
Buildings and structures	N	N	N	S	S	S
Machinery and equipment	N	N	N	S	S	S
Communications services	N	N	N	S	S	S
Purchased repairs	N	N	N	S	S	
CAPITAL EXPENDITURES						
Total	N	N	N	A	A	A
New, total	N	N	N	S	S	S
Buildings/equipment	N	N	N	S	S	S
Used, total	N	N	N	S	S	S
Buildings/equipment				S		S
DEPRECIABLE ASSETS, GROSS VALUE BUILDING/EQUIPMENT						
End of 1981	N	N	N	S	S	S
End of 1982	N	N	N	S	S	S
Depreciation (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
Retirements (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
INVENTORIES						
End of 1981	N	S		S	S	S
LIFO, non-LIFO, and reserves		N			S	S
End of 1982	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
OTHER						
Value added	N	N		A	A	A
Specialization by type of construction/mfg				N	N	
Central administrative offices and auxiliaries	S	S	S	N	A	S
Water use					S	S

Specialized item	Census of construction industries
ALL INDUSTRIES	
Proprietors and working partners in establishments with payroll	S
Receipts for work subcontracted from others	S
Repairs to structures and related facilities	S
Repairs to machinery and equipment	S
Number of establishments in business at end of year	S
Type of operation (i.e., single-establishment vs. multiestablishment)	S
Ratios of all items by State and by industry	S
SPECIFIC INDUSTRIES	
Operative builders; land subdividers and developers:	
Land receipts	S
Highway and street construction, except elevated highways; bridge, tunnel, and elevated highway construction; water, sewer, pipeline, communication and power line construction; and heavy construction, not elsewhere classified:	
Storage capacity for fuels	S

Note: See fig. 3, p. 10, and sections on individual censuses for substate areas included and limitations (number of establishments, population size, SIC level, etc.)

[1]Last in, first out.

Construction Industries

DEFINITION AND SCOPE

The 1982 Census of Construction Industries enumerated establishments in the United States that operate in the following SIC categories:

15—building construction—general contractors and operative builders 16—construction other than building construction—general contractors 17—construction—special trade contractors 6552—land subdividers and developers	27 four-digit detailed industries in all

Unlike the other economic programs, the current surveys in the construction sector are not integrated with the census. The reports and sampling frames for these surveys are based on public records, such as building permits, and they relate to all construction activities regardless of who performs the work. Much of the current survey data is collected by the Bureau's field staff. In the census, large- and medium-sized firms and a sample of smaller employers were mailed questionnaires to be completed and mailed back to the Bureau.

The **census** reports present data on the subjects listed in figure 9.

The current **surveys** focus on the level and characteristics of construction activity. Most involve various aspects of residential construction; one monthly survey measures the value of all types of construction.

REPORTS

1982 Census of Construction Industries

- *Preliminary Industry Series,* CC82-I-1(P) to 27(P) 📖 * generally parallels the final *Industry Series* below. This is followed by a U.S. summary—CC82-SUM(P) 📖 *.

Final Reports

- *Industry Series,* CC82-I-1 to 28 📖 ▦ *. Twenty-eight reports, one for each of the 27 industries in the census, plus one summarizing these data for the United States.
- *Geographic Area Series,* CC82-A-1 to 10 📖 ▦ *. Ten reports, one for each of the nine geographic divisions, giving industry totals and detailed data for each of the 50 States, the District of Columbia, and selected SMSA's; and a U.S. summary.
- *Special Report Series,* CC82-SP-1 📖 ▦ *. One report, containing selected national statistics for each industry, by type of operation and legal form of organization.

See also—

- *1982 Economic Censuses of Outlying Areas* (p. 48)
- Minority- and Women-Owned Businesses (p. 53)
- Enterprise Statistics (p. 51)
- County Business Patterns (p. 55)
- The construction industries use a variety of products. See those products which are classified in wholesale trade (p. 23) as well as in manufactures (p. 35).
- Other Related Statistics (sec. 5, p. 59)

Current Construction Statistics

(Unpublished indexes are available.[1])

- *Housing Starts,* series C20 📖 (subscription*, individual copies+) ▦ +, special tabulations.[1] A monthly report presenting statistics for the United States, the census regions, and areas inside and outside SMSA's on new housing units (single and multifamily) started under private and public ownership. Includes type of structure and purpose of construction (sale, rent, etc.), backlog of unused permits, manufacturers' shipments of mobile home to dealers and placements for residential use, and selected characteristics of apartment buildings.
- *New Residential Construction in Selected Standard Metropolitan Statistical Areas,* series C21 📖 (subscription*, individual copies+) ▦ +. A quarterly report containing statistics for 20 SMSA's on new housing authorized; authorized but not started; started, under construction; and completed.
- *Housing Completions,* series C22 📖 (subscription*, individual copies+) ▦ +, special tabulations.[1] A monthly report providing information on the number of housing units completed each month, by type of structure; the number completed in permit-issuing places; and privately owned units under construction for the United States, the four census regions, and areas inside and outside SMSA's.

[1] From Construction Statistics Division, Bureau of the Census, Washington, D.C. 20233, telephone 301/763-7163.

TABLE FROM THE 1982 CENSUS OF CONSTRUCTION INDUSTRIES, INDUSTRY SERIES CC82-I

Table 7. Construction Receipts for Establishments With Payroll by Type of Construction: 1982 and 1977

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix]

Type of construction	Construction receipts				Relative standard error of estimate (percent) for column—			
	Total	New construction		Maintenance and repair				
		Total	Additions and alterations[1]					
	A	B	C	D	A	B	C	D
1982								
Total construction receipts‡								
Building construction								
Apartment buildings								
Other residential buildings								
Industrial buildings and warehouses								
Office and bank buildings								
Stores, restaurants, public garages, and automobile service stations								
Other non[illegible]dings								

SAMPLE

TABLE FROM THE 1982 CENSUS OF CONSTRUCTION INDUSTRIES, GEOGRAPHIC AREA SERIES CC82-A

Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1982 and 1977

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix]

SIC code	Industry	All establishments				Establishments without payroll			Establishments with payroll				Relative standard error of estimate (percent) for column—	
		Number	Proprietors and working partners	All employees**	All business receipts	Number	Proprietors and working partners	All business receipts	Number	Proprietors and working partners	All employees**	All business receipts		
		A	B	C	D	E	F	G	H	I	J	K	J	K
	1982													
	Construction industries and subdividers and developers													
15,16, 17	**Construction industries[1]**													
15	**General building contractors and operative builders**													
16	**Heavy construction, general contractors**													
17	**Special trade contractors**													
1711	Plumbing, heating, and air conditioning													
	[illegible]ectrical wor[illegible]													

SAMPLE

- *New One-Family Houses Sold and For Sale,* series C25 (subscription*, individual copies+) +, special tabulations.[1] A monthly report containing U.S. totals for new privately owned one-family houses sold during the reporting month and for sale at the end of the month. Data include the ratio of houses for sale to those sold; the number sold and for sale, by stage of construction; and median and average sales prices. Quarterly supplements provide additional information on the type of financing, by region.

- *Characteristics of New Housing,* series C25 (part of C25 subscription (see above)*, individual copies+) +, special tabulations.[1] An annual report containing detailed information for the United States, for the census regions, and areas inside and outside SMSA's for selected physical and financial characteristics of new one-family houses completed or sold, including square-foot area, number of bedrooms and bathrooms, type of fuel used, heating facilities, prices, downpayment, etc. Also includes selected characteristics for multifamily buildings.

- *Price Index of New One-Family Houses Sold,* series C27 (subscription*, individual copies+) +. A quarterly report that provides a measure of changes over time in the national sales prices of new one-family houses (including land) that are the same with respect to 10 important characteristics as houses sold in 1977, including floor area, number of rooms, central air conditioning, parking, and geographic location. Census regional data are provided annually.

- *Value of New Construction Put in Place,* series C30 (subscription*, individual copies+) +. A monthly report

on the total value of new private and public construction put in place: residential and nonresidential buildings, public utilities, nonbuilding construction, and residential additions and alterations. Includes unadjusted and seasonally adjusted figures in both current and constant dollars.

- *Housing Authorized by Building Permits and Public Contracts,* series C40 (subscription*, individual copies+) +. A monthly report that provides information on new housing units authorized for the United States, census regions and divisions, each State, 131 selected SMSA's, and approximately 4,700 of the more active permit-issuing places. The annual report includes all SMSA's and about 16,000 permit-issuing places. Excludes hotels, motels, and other group residential structures, as well as mobile homes.
- *Residential Alterations and Repairs,* series C50 (subscription or individual copies+) +. Quarterly and annual reports for the United States. The quarterly reports cover expenditures of residential property owners, by number of units on the property. The annual report shows expenditures made by owners of all types of residential properties and by owner-occupants of one-housing-unit properties, by type of construction, type of property, and region.

See also—

- Other Related Statistics (sec. 5, p. **59**), especially the *Annual Housing Survey,* series H-150 (national figures) and H-170 (characteristics for selected SMSA's), and the 1980 Census of Housing, which publishes characteristics for States, counties, cities, and smaller areas. The Bureau's *Current Housing Reports* also are of interest, notably those in the following series: H-111, *Housing Vacancies,* and H-130, *Market Absorption of Apartments.* Both have quarterly and annual reports, (subscription*, single copies+) +.
- The Bureau of Industrial Economics issues a monthly *Construction Review* (subscription*). This report carries information furnished by the Census Bureau on Federal, State, and local government construction contract awards; private construction authorized by building permits; public and private construction expenditures, by source of funds, ownership, and type of construction; and private housing starts, by program, area, region, and type of structure.

TABLE FROM HOUSING STARTS, SERIES C20

Table 1. **New Housing Units Started**

(Thousands of units. Detail may not add to total because of rounding)

Period	Total	Publicly owned	Privately owned										
			Total	In structures with--				Inside SMSA's[1]	Outside SMSA's[1]	North-east	North Central	South	West
				1 unit	2 units	3 and 4 units	5 units or more						
ANNUAL DATA													
1963	1,634.9	31.8	1,603.2	1,012.4	52.9	(NA)	(NA)	1,125.4	477.8	261.0	329.2	586.2	426.8
1964	1,561.0	32.1	1,528.8	970.5	53.9	54.5	450.0	1,079.5	449.0	254.5	339.7	577.8	356.9
1965	1,509.7	36.9	1,472.8	963.7	50.8	35.8	422.5	1,011.9	460.9	270.2	361.5	574.7	266.3
1966	1,195.8	30.9	1,164.9	778.6	34.6	26.5	325.1	787.7	377.1	206.5	288.3	472.5	197.6
1967	1,321.9	30.3	1,291.6	843.9	41.4	30.2	376.1	902.9	388.7	214.9	337.1	519.5	220.1
1968	1,545.4	37.8	1,507.6	899.4	46.0	34.9	527.3	1,096.4	411.2	226.8	368.6	618.5	293.7
1969	1,499.5	32.8	1,466.8	810.6	43.0	42.0	571.2	1,078.7	388.0	206.1	348.7	588.4	323.5
1970	1,469.0	35.4	1,433.6	812.9	42.4	42.4	535.9	1,017.9	415.7	217.9	293.5	611.6	310.5
1971	2,084.5	32.3	2,052.2	1,151.0	55.1	65.2	780.9	1,501.8	550.4	263.8	434.1	868.7	485.6
1972	2,378.5	21.9	2,356.6	1,309.2	67.1	74.2	906.2	1,720.4	636.2	329.5	442.8	957.0	527.4

TABLE FROM HOUSING AUTHORIZED BY BUILDING PERMITS AND PUBLIC CONTRACTS, SERIES C40

TABLE 4. NEW PRIVATELY OWNED HOUSING UNITS AUTHORIZED IN SELECTED PERMIT-ISSUING PLACES

NOVEMBER 1982

PERMIT-ISSUING PLACES	NUMBER OF UNITS			PERMIT-ISSUING PLACES	NUMBER OF UNITS		
	YEAR TO DATE TOTAL	CURRENT MONTH			YEAR TO DATE TOTAL	CURRENT MONTH	
		TOTAL	1 UNIT			TOTAL	1 UNIT
ALABAMA				ALABAMA--CON.			
AUTAUGA COUNTY				MADISON COUNTY			
PRATTVILLE	14	2	2	HUNTSVILLE	1 344	107	100
				MADISON	124	24	24
BALDWIN COUNTY							
FAIRHOPE	(2) 3	(NA)	(NA)	MARSHALL COUNTY			
GULF SHORES TOWN	636	6	-	ALBERTVILLE	27	7	7
ROBERTSDALE	3	1	1				
CALHOUN COUNTY				MOBILE COUNTY			
				MOBILE	797	38	38

FIGURE 10. MAJOR DATA ITEMS COLLECTED AND PUBLISHED IN THE FINAL REPORTS OF THE BASIC ECONOMIC CENSUSES, BY GEOGRAPHIC LEVEL OF DETAIL, WITH SPECIALIZED ITEMS UNIQUE TO THE CENSUS OF MANUFACTURES

(Legend: A--All levels (U.S., States, substate areas). N--National only. S--State and national.)

Item	Census					
	Retail trade	Wholesale trade	Service industries	Constr. industries	Manufac-tures	Mineral industries
NUMBER OF ESTABLISHMENTS AND FIRMS						
All establishments	A			S		
Establishments with payroll	A	A	A	A	A	A
Single-unit and multiunit establishments	N	N	N	N	N	N
Establishments by legal form of organization	N	N	N	N	N	N
Firms	N	N	N		S	N
Single-unit and multiunit firms	N	N	N		N	N
Concentration by major firms	N	N	N		N	
EMPLOYMENT						
All employees	A	A	A	A	A	A
Production (construction) workers				S	A	A
Employment size of establishments	N	N	N	S	A	N
Employment size of firms	N	N	N			
Production (construction) worker hours				S	A	A
PAYROLLS						
All employees, entire year	A	A	A	A	A	A
All employees, first quarter	A	A	A	S	N	
Production (construction) workers				S	A	A
Supplemental labor costs, legally required and voluntary	N	N	N	S	S	S
SALES, RECEIPTS, OR VALUE OF SHIPMENTS						
All establishments	A			S	A	A
Establishments with payroll	A	A	A	A		
By product, line, or type of construction	A	A	A	S	N	S
By class of customer	N	N				
By size of establishments	N	N	N	S	N	N
By size of firms	N	N	N			
OPERATING EXPENSES						
Total	N	A	N			
Cost of materials, etc.	N	N		A	A	A
Specific materials consumed (quantity/cost)	N	N			N	N
Cost of fuels	N	N	N	A	A	S
Energy consumed (quantity/cost)	N	N	N		A	S
Contract work		N		A	N	S
Products bought or sold (resales)					N	S
Advertising	N	N	N			
Rental payments, total	N	N	N	S	S	S
Buildings and structures	N	N	N	S	S	S
Machinery and equipment	N	N	N	S	S	S
Communications services	N	N	N	S	S	S
Purchased repairs	N	N	N	S	S	
CAPITAL EXPENDITURES						
Total	N	N	N	A	A	A
New, total	N	N	N	S	S	S
Buildings/equipment	N	N	N	S	S	S
Used, total	N	N	N	S	S	S
Buildings/equipment				S		S
DEPRECIABLE ASSETS, GROSS VALUE BUILDING/EQUIPMENT						
End of 1981	N	N	N	S	S	S
End of 1982	N	N	N	S	S	S
Depreciation (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
Retirements (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
INVENTORIES						
End of 1981	N	S		S	S	S
LIFO, non-LIFO, and reserves		N			S	S
End of 1982	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
OTHER						
Value added	N	N		A	A	A
Specialization by type of construction/mfg.				N	N	
Central administrative offices and auxiliaries	S	S	S	N	A	S
Water use					S	S

Specialized item	Census of manufac-tures
ALL INDUSTRIES	
Inventories:	
Stage of fabrication	S
Method of valuation	S
Method of accounting for non-LIFO methods	S
Assets:	
Gross assets	S
Type of operation (i.e., single-establishment vs. multiestablishment companies)	N
Quantity of electricity generated (less amount sold)	A
SPECIFIC INDUSTRIES	
Broad fabric weaving looms by type and width of loom	S
Narrow fabric weaving looms by type of loom	S
Cotton system machinery; woolen and worsted system machinery, including midfiber; textured yarn machinery; warp preparation equipment; knitting machinery; textile finishing machinery; circular hosiery machinery; other fabric forming machinery; carpet and rug weaving looms and machinery; and carpet yarn heatsetting machinery:	
Number of machines in place	S

Note: See fig. 3, p.10, and sections on individual censuses for substate areas included and limitations (number of establishments, population size, SIC level, etc.)

[1]Last in, first out.

Manufactures

DEFINITION AND SCOPE

The 1982 Census of Manufactures covered establishments involved in the mechanical or chemical transformation of materials or substances into new products. All multi-establishment and large, single-establishment companies reported by mail on one or more of approximately 280 industry-tailored questionnaires, while data for about 140,000 small, single-establishment firms were obtained from Federal administrative records. Statistics on water use reported in the *Subject Series* (see below) were collected from a sample of about 14,000 firms, based on gallonage.

Current statistics also are collected by mail. Data for the annual survey of manufactures (ASM) are obtained as part of the census for the year when the census is taken and, during the intervening years, from a scientifically designed sample of about 55,000 of the 350,000 plants found in the census. The census provides the list of producers and products for the monthly, quarterly, and annual Current Industrial Reports (CIR) surveys, which collect statistics for about 5,000 of the 11,000 classifications of manufactured products. These data are gathered by mail, and the results are subjected to a three-way comparison with the ASM and the census in which adjustments may be made in all three of these manufactures statistics programs.

The census of manufactures covers activity in the following SIC major groups:

20—food and kindred products
21—tobacco manufacturing
22—textile mill products
23—apparel and other textile products
24—lumber and wood products
25—furniture and fixtures
26—paper and allied products
27—printing and publishing
28—chemicals and allied products
29—petroleum and coal
30—rubber and plastic
31—leather and leather products
32—stone, clay, glass, and concrete products
33—primary metal industries
34—fabricated metal products
35—machinery, except electrical
36—electrical and electronic equipment
37—transportation equipment
38—instruments and related products
39—miscellaneous manufacturing industries

The **census** reports present data on the subjects listed in figure 10.

Among the **surveys**, the ASM includes the key measures of manufacturing activity that are covered in more detail every 5 years in the census and provides annual national estimates of the value of product shipments for each of approximately 1,400 classes of manufactured products. The ASM also collects details not gathered from all manufacturing establishments in the 5-year census. This information for census years is published as part of the census of manufactures:

type of fuel and energy consumed
assets
rents
supplements to payroll

The CIR's present monthly, quarterly, and/or annual statistics—usually quantity and/or value of shipments but sometimes other measures such as inventories or orders—on detailed commodities or products (such as footwear, inorganic chemicals, and major household appliances) that otherwise are covered only at the much broader product-class levels annually in the ASM. Most of these commodity CIR's include comparative data on domestic production, exports, and imports of the products they cover.

The CIR series includes an overall monthly survey of manufacturers' shipments, inventories, and orders (M3). These statistics, shown for 38 detailed industry categories and other special-purpose classifications, provide sensitive indicators of short-run changes in business conditions. In addition to the M3 survey, there are surveys of pollution abatement (MA-200), plant capacity (MQ-C1), and shipments to Federal agencies (MA-175), all with industry detail.

REPORTS

1982 Census of Manufactures

- *Preliminary Industry Series,* MC82-I-20A-1(P) to 39D-5(P) 📖 *. Approximately 450 manufacturing industries are covered in 443 separate reports that present general statistics for States with significant manufacturing activity (see illustration, table 2). Preliminary totals also are shown for quantity and value of shipments for the products primary

to the industry and the quantity and cost of materials consumed by establishments classified in the industry.

General statistics for industry groups and industries are presented in the preliminary U.S. summary publication, MC82-SUM-1(P) 📖 * along with totals at the all-manufacturing level.

- *Preliminary Geographic Area Series,* MC82-A-1(P) to 9(P) 📖 *. General statistics for each State and the District of Columbia are published in nine separate geographic-division reports. These data include a breakdown by industry group and industry (see illustation, table 5). Totals also are provided for SMSA's and for all counties with 500 or more manufacturing employees. The U.S. summary publication, MC82-SUM-2(P) 📖 * contains data for all States and for the total manufacturing level.

Final Reports

- *Industry Series,* MC82-I-20A to 39D 📖 ▦ * ⊛ +. Reports for each of 82 groups of related industries (approximately 450 industries in all) for the United States, the 50 States, and the District of Columbia. The series provides summary and detailed statistics on the subjects shown in the table illustrations, plus the number of companies and the degree of primary product specialization and industry coverage.
- *Geographic Area Series,* MC82-A-1 to 51 📖 ▦ * ⊛ +. A report for each State and the District of Columbia, with general statistics for the State as a whole and for SMSA's, counties, and incorporated places within the State. For each of these geographic levels, data are shown by industry group and industry (see illustration, tables 6 and 7).

TABLES FROM INDUSTRY SERIES MC82-I-20E (BAKERY PRODUCTS)

Table 2. **Industry Statistics for Selected States: 1982 and 1977**

[Excludes data for auxiliaries. Includes data for States with 150 employees or more. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and geographic area	1982												1977	
		All establishments[1]		All employees		Production workers								
	E[1]	Total (no.)	With 20 employees or more (no.)	Number[2] (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	All employees[3] (1,000)	Value added by manufacture (million dollars)
INDUSTRY 2051, BREAD, CAKE, AND RELATED PRODUCTS														
United States	-													
Connecticut	-													
Maine	-													
Massachusetts	-													
New Hampshire	-													
New Jersey	-													
New York	E1													
Pennsylvania	-													
Rhode Island	-													
Vermont	E1													

SAMPLE

Table 3a. **Summary Statistics for the Industry: 1982**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	Bread, cake, and related products (SIC 2051)				Cookies and crackers (SIC 2052)
	Total	Wholesale bakeries, including home service (SIC 2051-12)	Grocery chain bakeries (SIC 2051-13)	Retail multioutlet bakeries (SIC 2051-16)	
Companies[1] ..... number					
All establishments[2] ..... do					
With 1 to 19 employees ..... do					
With 20 to 99 employees ..... do					
With 100 employees or more ..... do					
All employees:					
Average for year 1,000					
Annual payroll[3] ..... mil dol					
Production workers:					
Average for year 1,000					
March ..... do					
May ..... do					
August ..... do					
November ..... do					
Hours ..... millions					

SAMPLE

Table 6a. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1982 and 1977

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text]

1982 product code	Product	1982 Number of companies with shipments of $100,000 or more	1982 Product shipments[1] Quantity[2]	1982 Product shipments[1] Value (million dollars)	1977 Number of companies with shipments of $100,000 or more	1977 Product shipments[1] Quantity[2]	1977 Product shipments[1] Value (million dollars)
	BREAD, CAKE, AND RELATED PRODUCTS						
2051- —	**Total**						
20511 —	Bread, white, wheat, and rye, including frozen ..... mil lb baked wt..						
20511 11	White pan bread ..... do..						
	Variety breads:						
20511 13	White hearth, including French, Italian, etc. ..... do..						
20511 15	Whole wheat, cracked wheat, and other dark wheat breads ..... do..						
20511 17	Rye, including pumpernickel ..... do..						
20511 28	Other variety breads (raisin, potato, self-rising, salt-free, canned, etc. ..... do..						
	Bre[illegible]						

SAMPLE

TABLE FROM INDUSTRY SERIES MC82-I-38C (GRAIN MILL PRODUCTS)

Table 6a. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1982 and 1977

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text]

1982 product code	Product	1982 Number of companies with shipments of $100,000 or more	1982 Quantity of production for all purposes	1982 Product shipments[1] Quantity[2]	1982 Product shipments[1] Value (million dollars)	1977 Number of companies with shipments of $100,000 or more	1977 Quantity of production for all purposes	1977 Product shipments[1] Quantity[2]	1977 Product shipments[1] Value (million dollars)
	WET CORN MILLING								
2046- —	**Total**								
	Glucose sirup (corn sirup), unmixed:								
20460 03	Type I (20 dextrose equivalent up to 38) ..... mil lb..								
20460 04	Type II (38 dextrose equivalent up to 58) ..... do..								
20460 05	Type III (58 dextrose equivalent up to 73) ..... do..								
	Type IV (73 dextrose equivalent and above):								
20460 06	High fructrose corn sirup ..... do..								
20460 09	All other type IV ..... do..								
[illegible]	Gluc[illegible] solids (dried [illegible] sirup) ..... do..								

SAMPLE

- *Subject Series,* MC82-S-1 to 10 [illegible] *. This series provides separate detailed reports. The following topics are included (geographic level of presentation is shown in parentheses):
  - —a general summary of the data in the industry and geographic area series (national, State, and substate)
  - —type of operation (i.e., single- or multiestablishment) and legal form of organization (national)
  - —manufacturing activity in government establishments (national) S-2 (Aug. 83)
  - —concentration ratios (national)
  - —production indexes (national)
  - —fuels and electric energy consumed, based on 1981 figures (national, State, and substate) S-4 (June 1983). Part 1 arranges the data by industry group and industry, while part 2 presents the statistics for States and SMSA's by major industry group.
  - —water used in manufacturing (State and national)
  - —selected materials consumed (national)
  - —textile machinery in place (State and national). There is a preliminary report for this topic as well (S-3(P)), with data for the United States only.
  - —selected metalworking operations (State and national)
- *Location of Manufacturing Plants,* series MC82-LM [illegible] +. Data shown include the number of establishments by employment-size class by four-digit industry for States, counties, and incorporated places of 2,500 or more inhabitants.

Table 5. Statistics by Selected Industry Group and Industry for the State: 1982 and 1977

[Includes operating manufacturing establishments and auxiliaries. Includes industry groups and industries with 150 employees or more. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry	E[1]	1982											1977	
			All establishments[2]		All employees		Production workers			Value added by manufacture[4] (million dollars)	Cost of materials[5] (million dollars)	Value of shipments[5] (million dollars)	New capital expenditures (million dollars)	All employees[3] (1,000)	Value added by manufacture[4] (million dollars)
			Total (no.)	With 20 employees or more (no.)	Number[3] (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						
23	**Apparel and other textile products—Con.**														
239	Miscellaneous fabricated textile products	E1													
2391	Curtains and draperies	E1													
2392	House furnishings, n.e.c.	E1													
2393	Textile bags	E1													
2394	Canvas and related products	E1													

SAMPLE

Table 6. Statistics by Selected Industry Group and Industry for Standard Metropolitan Statistical Areas: 1982

[Includes operating manufacturing establishments and auxiliaries. Includes industry groups and industries with 250 employees or more within SMSA's, except those that would disclose data for individual companies. For information on geographic areas followed by Δ, definition of SMSA's, and explanation of terms, see appendixes. For meaning of abbreviations and symbols, see introductory text]

SIC code	Geographic area and industry	E[1]	All establishments[2]		All employees		Production workers			Value added by manufacture[3] (million dollars)	Cost of materials[4] (million dollars)	Value of shipments[4] (million dollars)	New capital expenditures (million dollars)
			Total (no.)	With 20 employees or more (no.)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)				
	Buffalo SMSA	-											
20	Food and kindred products	-											
201	Meat products	E2											
2013	Sausages and other prepared meats	E1											
202	Dairy products	-											
2026	Fluid milk	-											
203	Preserved fruits and vegetables	-											
2033	Canned fruits and vegetables	E2											
204	Grain mill products	-											
205	Bakery products	-											
208	Beverages	E1											

SAMPLE

Table 7. Statistics by Selected Industry Group and Industry for Selected Counties: 1982

[Includes operating manufacturing establishments and auxiliaries. Includes counties with 450 employees or more and industry groups and industries with 450 employees or more within counties, except those that would disclose data for individual companies. For information on geographic areas followed by Δ, general geographic information, and explanation of terms, see appendixes. For meaning of abbreviations and symbols, see introductory text]

SIC code	Geographic area and industry	E[1]	All establishments[2]		All employees		Production workers			Value added by manufacture[3] (million dollars)	Cost of materials[4] (million dollars)	Value of shipments[4] (million dollars)	New capital expenditures (million dollars)
			Total (no.)	With 20 employees or more (no.)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)				
	Chautauqua County	-											
20	Food and kindred products	-											
203	Preserved fruits and vegetables	-											
25	Furniture and fixtures	-											
251	Household furniture	-											
27	Printing and publishing	-											

SAMPLE

See also—

- *1982 Economic Censuses of Outlying Areas* (p. 48)
- Enterprise Statistics (p. 51)
- Minority- and Women-Owned Businesses (p. 53)
- Other Related Statistics (sec. 5, p. 59)

Current Manufactures Statistics

- *Annual Survey of Manufactures,* series M81(AS)-1 to 5 ▭ ▦ ⊛+. (The ASM is published for the years between censuses.) Data are presented principally as the national level, but there are some statistics for States in No. 5.
  1 *Statistics for Industry Groups and Industries*
  2 *Value of Product Shipments*
  3 *Value of Manufacturers' Inventories*
  4 *Expenditures for New Plants and Equipment, Book Value of Fixed Assets, Depreciation and Retirements, Rental Payments for Buildings and Equipment* (all by industry and industry groups)
  5 *Origin of Exports of Manufactured Products*

The 1981 data on fuels and energy consumed were included in the 1982 census *Subject Series* (see above).

- *Current Industrial Reports,* ▭ (subscription or single copies*, back issues+) ▦ +, also ⊛ + where indicated. The various publication series include monthly, quarterly, annual, and biennial reports. Monthly and quarterly series may have annual summaries; those that do not, have separate annual reports. Contents are as described on page 35.

Most CIR's have SIC-related series numbers. There are several general-purpose reports (see "All Manufacturing Industries" on the list below) that are not related to any one SIC major group, and the list also includes two reports issued jointly by the Census Bureau and the International Trade Administration; these carry the prefix ITA.

Special tabulations of CIR data are available; see page 76.

See also—

- *County Business Patterns* (p. 55)
- *Quarterly Financial Report* (p. 56)
- Other Related Statistics (sec. 5, p. 59), including cotton ginnings reports, p. 60.

TABLE FROM ANNUAL SURVEY OF MANUFACTURES

Table 2a. **Employment Related to Manufactured Exports by Major Economic Sector for States: 1981**

State	Civilian employment[1] (1,000)	Private sector employment[2] (1,000)	Employment related to manufactured exports[3]: Manufacturing industries (1,000)	Nonmanufacturing industries: Trade (1,000)	Business services (1,000)	Transportation, communication, and utilities (1,000)	Other, including mining and agriculture (1,000)	Total (1,000)	Total (col. C+ col. H) (1,000)	Total as percent of civilian employment (col. I ÷ col. A)	Total as percent of private sector employment (col. I ÷ col. B)
	A	B	C	D	E	F	G	H	I	J	K
United States	101,721	85,294	2,603.9	925.9	546.0	259.4	458.8	2,190.1	4,794.0	4.7	5.6
Alabama	1,555	1,285	38.1	11.3	9.3	4.4	8.0	33.0	71.1	4.6	5.5
Alaska	193	134	4.3	0.7	0.3	0.2	0.8	2.0	6.3	3.3	4.7
Arizona	1,208	997	32.1	9.6	4.2	2.0	5.8	21.6	53.7	4.4	5.4
Arkansas	956	786	20.7	6.5	5.3	2.5	5.8	20.1	40.8	4.3	5.2
California	11,129	9,425	296.1	106.4	55.0	26.1	42.9	230.4	526.5	4.7	5.6
Colorado	1,475	1,231	24.0	10.7	5.1	2.4	7.2	25.4	49.4	3.3	4.0
Connecticut	1,461	1,280	67.8	11.8	12.2	5.8	5.9	35.7	103.5	7.1	8.1
Delaware	247	208	9.1	2.4	1.8	0.9	0.9	6.0	15.1	6.1	7.3
District of Columbia	315	202	0.5	2.7	0.4	0.2	0.3	3.6	4.1	1.3	2.0
Florida	4,307	3,673	50.2	48.3	12.4	5.9	13.1	79.7	129.9	3.0	3.5
Georgia	2,473	2,082	51.4	23.2	14.2	6.8	10.5	54.7	106.1	4.3	5.1
Hawaii	440	345	1.2	3.2	0.7	0.3	1.0	5.2	6.4	1.5	1.9
Idaho	396	333	5.9	4.1	1.4	0.7	3.3	9.5	15.4	3.9	4.6
Illinois	5,121	4,387	157.0	48.0	32.6	15.5	22.3	118.4	275.4	5.4	6.3
Indiana	2,412	2,079	85.9	16.9	17.3	8.2	12.0	54.4	140.3	5.8	6.7
Iowa	1,334	1,128	28.5	13.3	6.4	3.0	8.8	31.5	60.0	4.5	5.3
Kansas	1,092	919	23.3	9.1	5.1	2.4	7.3	23.9	47.2	4.3	5.1
Kentucky	1,523	1,261	28.5	9.4	7.2	3.4	10.2	30.2	58.7	3.9	4.7
Louisiana	1,767	1,462	24.8	20.6	5.6	2.7	10.0	38.9	63.7	3.6	4.4
[illegible]	467	[illegible]	11.4	2.6	3.1	1.5	2.3	9.5	20.9	4.5	5.3

CURRENT INDUSTRIAL REPORTS BY REPORT NUMBER AND INDUSTRY

	Frequency of publication[1]	
		ALL MANUFACTURING INDUSTRIES
MQ-C1	A	Survey of Plant Capacity
M3-1(P)+	M	Manufacturers' Shipments, Inventories, and Orders
MA-13K	A	Annual Survey of Oil and Gas
MA-175	A	Shipments to Federal Government Agencies
MA-200	A	Pollution Abatement Costs and Expenditures
		FOOD
M20A	M,A	Flour Milling Products
MA20D	A	Confectionery
M20J	M,A	Fats and Oils - Oilseed Crushings
M20K	M,A	Fats and Oils - Production, Consumption, and Stocks
		TEXTILE MILL PRODUCTS
M22A	M	Finished Fabrics Production, Inventories, and Unfilled Orders
M22D	M,A	Consumption on the Woolen System and Worsted Combing
MA22M	B	Stocks of Wool and Related Fibers
MA22F.1	A	Textured Yarn Production
MA22F.2	A	Spun Yarn Production
MA22G	A	Narrow Fabrics
MA22K	A	Knit Fabric Production
M22P	M,A	Consumption on the Cotton System and Stocks
MQ22Q	Q,A	Carpet and Rugs
MA22S	A	Broadwoven Fabrics Finished
MQ22T	Q,A	Broadwoven Fabrics (Gray)
MQ23X	Q,A	Sheets, Pillowcases, and Towels
		APPAREL
M23I	M	Men's, Women's, Misses' and Jr's Selected Apparel
MA23D	A	Gloves and Mittens
MA23E	A	Men's and Boys' Outerwear
MA23F	A	Women's and Children's Outerwear
MA23G	A	Underwear and Nightwear
MA23J	A	Brassieres, Girdles, and Allied Garments
M31A	M	Footwear
MA31A	A	Footwear
		WOOD, PAPER, AND RELATED PRODUCTS
MA24F	A	Hardwood Plywood
MA24H	A	Softwood Plywood
MA24T	A	Lumber Production and Mill Stocks
MA25H	A	Office Furniture
MA26A	A	Pulp, Paper, and Board
MA26B	A	Selected Office Supplies and Accessories
MA26F	A	Converted Flexible Materials for Packaging and Other Uses
MA27A	A	Business Forms, Binders, Carbon Paper, and Inked Ribbon
MA39A	A	Pens, Pencils, and Marking Devices
		CHEMICALS AND PETROLEUM PRODUCTS
M28A	M	Inorganic Chemicals
MA28A	A	
MA28B	A	Sulfuric Acid
M28B	M,A	Inorganic Fertilizer Materials and Related Products
M28C	M,A	Industrial Gases
MA28C	A	
M28F	M,A	Paint, Varnish, and Lacquer
MA28F	A	
MA28G	A	Pharmaceutical Preparations, Except Biologicals
MA29A	A	Asphalt and Tar Roofing and Siding Products
		RUBBER AND PLASTICS
MA30A	A	Rubber: Production, Shipments, and Inventories
MA30B	A	Rubber and Plastics Hose and Beltings
MA30D	A	Shipments of Selected Plastics Products
M30E	M,A	Plastics Bottles

[1] M, monthly; Q, quarterly; A, annual; B, biennial.

	Frequency of publication[1]	
		GLASS, CLAY, AND RELATED PRODUCTS
MQ32A	Q,A	Flat Glass
MQ32C	Q,A	Refractories
M32D	M,A	Clay Construction Products
MA32E	A	Consumer, Scientific, Technical and Industrial Glassware
M32G	M,A	Glass Containers
MA32G	A	
MA32J	A	Fibrous Glass
		PRIMARY METALS
M33A	M,A	Iron and Steel Castings
MA33B	A	Steel Mill Products
M33-3	M,A	Inventories of Steel Mill Shapes
M33E	M,A	Nonferrous Castings
MA33G	A	Magnesium Mill Products
M33K	M,A	Inventories of Brass and Copper Wire Mill Shapes
MA33L	A	Insulated Wire and Cable
M33-2	M,A	Aluminum Ingot and Mill Products
ITA9008	Q,A	Copper Controlled Materials
ITA991	M,A	Titanium Mill Products, Ingot, and Castings
		INTERMEDIATE METAL PRODUCTS
MQ34E	Q,A	Plumbing Fixtures
M34H	M,A	Closures for Containers
MQ34K	Q,A	Steel Shipping Drums and Pails
MA34N	A	Selected Heating Equipment
		MACHINERY AND EQUIPMENT
MA35A	A	Farm Machinery and Lawn and Garden Equipment
MQ35D	Q	Construction Machinery
MA35D	A	
MA35F	A	Mining Machinery, Mineral Processing Equipment
MA35J	A	Selected Industrial Air Pollution Control Equipment
MA35L	A	Internal Combustion Engines
MA35M	A	Air-Conditioning and Refrigeration Equipment
MA35N	A	Fluid Power Products, Including Aerospace
MA35P	A	Pumps and Compressors
MA35Q	A	Antifriction Bearings
MA35R	A	Computers and Office and Accounting Machines
M35S	M,A	Tractors (Except Garden Tractors)
MA35U	A	Vending Machines (Coin Operated)
MQ35W	Q,A	Metalworking Machinery
MQ37D	Q,A	Backlog of Orders for Aerospace Companies
MA37E	A	Aircraft Propellers
M37G	M,A	New Complete Aircraft and Aircraft Engines, Except Military
M37L	M,A	Truck Trailers
		ELECTRICAL AND ELECTRONICS
MA36A	A	Switchgear, Switchboard Apparatus, Relays, and Industrial Controls
M36D	M	Electric Lamps
MQ36B	Q,A	
MQ36C	Q,A	Fluorescent Lamp Ballasts
MA36E	A	Electric Housewares and Fans
MA36F	A	Major Household Appliances
MA36G	A	Transformers
MA36H	A	Motors and Generators
MA36K	A	Wiring Devices and Supplies
MA36L	A	Electric Lighting Fixtures
MA36M	A	Radio and Television Receivers, Phonographs, and Related Equipment
MA36N	A	Selected Electronic and Associated Products
MA38B	A	Selected Instruments and Related Products
MA38Q	A	Selected Atomic Energy Products

TABLE FROM CURRENT INDUSTRIAL REPORT M3-1, MANUFACTURERS' SHIPMENTS, ETC.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Jan. 1984[p]	Dec. 1983[r]	Nov. 1983	Oct. 1983	Dec.-Jan.[p]	Nov.-Dec.[r]	Oct.-Nov.	Jan. 1984[p]	Dec. 1983[r]	Nov. 1983	Oct. 1983	1984[p]	1983
	All manufacturing industries	185,498	186,676	181,084	176,790	-0.6	+3.1	+2.4	171,781	180,260	180,271	183,314	171,781	146,613
	Manufacturing industries with unfilled orders	96,530	97,916	94,376	91,245	-1.4	+3.8	+3.4	88,246	95,876	94,198	94,742	88,246	74,244
	Durable goods industries	95,756	96,152	92,246	88,228	-0.4	+4.2	+4.6	86,469	92,543	91,761	92,878	86,469	69,982
	With unfilled orders	76,485	78,017	74,915	72,046	-2.0	+4.1	+4.0	69,407	76,706	74,559	74,763	69,407	57,824
32	Stone, clay, and glass products	4,446	4,202	4,350	4,200	+5.8	-3.4	+3.6	3,721	3,743	4,296	4,530	3,721	3,368
322	Glass containers	373	378	386	398	-1.3	-2.1	-3.0	338	335	364	402	338	377
33	Primary metals	10,679	11,563	10,891	10,327	-7.6	+6.2	+5.5	10,446	10,782	10,395	10,515	10,446	8,066
331	Blast furnaces, steel mills	4,167	4,470	4,422	4,136	-6.8	+1.1	+6.9	4,129	4,327	4,236	4,157	4,129	3,220
333-9	Nonferrous and other primary metals	5,247	5,915	5,282	5,046	-11.3	+12.0	+4.7	5,121	5,418	4,981	5,147	5,121	4,080
34	Fabricated metal products	10,768	10,852	10,873	10,785	-0.8	-0.2	+0.8	9,772	10,120	10,638	11,338	9,772	8,469
341	Metal cans, barrels, and drums	895	936	965	949	-4.4	-3.0	+1.7	767	774	805	910	767	785
35	Machinery, except electrical	16,169	16,845	16,192	15,713	-4.0	+4.0	+3.0	14,389	17,823	15,764	15,748	14,389	12,186
351	Engines and turbines	1,116	1,090	1,148	1,068	+2.4	-5.1	+7.5	1,082	1,063	1,075	1,039	1,082	876
352	Farm machinery and equipment	958	1,179	1,137	1,002	-18.7	+3.7	+13.5	905	984	935	1,085	905	830
353	Construction, mining, and material handling equipment	2,475	2,925	2,758	2,540	-15.4	+6.1	+8.6	2,349	2,790	2,620	2,525	2,349	1,951
354	Metalworking machinery	785	702	734	733	+11.8	-4.4	+0.1	693	731	713	759	693	638
356	General industrial machinery	1,197	1,301	1,230	1,183	-8.0	+5.8	+4.0	1,067	1,326	1,186	1,249	1,067	1,124
357	Office and computing machines	4,145	4,149	3,904	4,013	-0.1	+6.3	-2.7	3,188	5,755	4,135	3,896	3,188	2,611
36	Electrical machinery	14,824	14,617	13,989	13,547	+1.4	+4.5	+3.3	13,663	14,437	14,147	14,150	13,663	11,042
361,2	Electrical transmission and distribution equipment and industrial apparatus	1,895	2,056	1,895	1,847	-7.8	+8.5	+2.6	1,785	1,989	1,876	1,852	1,785	1,647
363	Household appliances	1,486	1,221	1,269	1,287	+21.7	-3.8	-1.4	1,278	1,113	1,218	1,359	1,278	1,085
365	Radio and TV	910	750	685	764	+21.3	+9.5	-10.3	747	767	800	893	747	571
366	Communication equipment	4,603	4,910	4,500	4,212	-6.3	+9.1	+6.8	4,201	5,046	4,412	4,236	4,201	3,406
367	Electronic components	3,290	3,218	3,243	3,074	+2.2	-0.8	+5.5	3,146	3,070	3,265	3,206	3,146	2,494
37	[illegible]tation e[illegible]	[illegible]	[illegible]296	[illegible]	19,874	[illegible]	+6.7	[illegible]	[illegible]873	[illegible]	22,433	[illegible]	[illegible]	16,123

TABLE FROM CURRENT INDUSTRIAL REPORT M28A, INORGANIC CHEMICALS

Table 2. PRIMARY PRODUCTION AND STOCKS OF INORGANIC CHEMICALS

(Short tons)

Product code	Chemical and basis	January 1984		December 1983		January 1983	
		Quantity produced	Stocks at producing plants	Quantity produced	Stocks at producing plants	Quantity produced	Stocks at producing plants
	Chlorine and alkalies:						
	Chlorine (100%):						
28121 11	Gas[1]	[a]795,982	(NA)	803,001	(NA)	786,889	(NA)
28121 15	Liquid	466,818	(NA)	469,750	(NA)	448,761	(NA)
	Sodium hydroxide (caustic soda) (100%) (all processes):						
28123 10	Liquid[2]	[a]803,167	(NA)	812,760	(NA)	823,555	(NA)
28123 18	Dry (all forms)	29,964	(NA)	26,026	(NA)	24,761	(NA)
28124 21	Potassium hydroxide (caustic potash) (88 to 92%), liquid[2]	18,872	(NA)	20,082	(NA)	[a]18,340	(NA)
28124 30	Finished sodium bicarbonate (58% NaO)	(D)	(NA)	(D)	(NA)	(D)	(NA)
28124 90 14745 11	Sodium carbonate, natural and synthetic (58%)[3]	771,343	374,076	708,062	306,646	648,697	327,366
	Acids:						
	Hydrochloric (100%)	[a]257,152	(NA)	206,596	(NA)	203,167	(NA)
28194 41	From salt and acid	(D)	(NA)	(D)	(NA)	(S)	(NA)
28194 45	From chlorine and hydrogen	(D)	(NA)	(D)	(NA)	(S)	(NA)
28194 47	Byproduct and other	[a]233,240	(NA)	186,756	(NA)	180,255	(NA)
	Hydrofluoric (100%):						
28194 61 28194 65	Produced and withdrawn from system (anhydrous, technical, and aqueous)[4]	[a]9,271	(NA)	13,219	(NA)	9,074	(NA)
28194 66	Produced but not withdrawn from system	(D)	(NA)	(D)	(NA)	(D)	(NA)
28194 11	Boric acid (100% H_3BO_3), (ortho boric acid)	(D)	(D)	(D)	(D)	(D)	(D)

FIGURE 11. MAJOR DATA ITEMS COLLECTED AND PUBLISHED IN THE FINAL REPORTS OF THE BASIC ECONOMIC CENSUSES, BY GEOGRAPHIC LEVEL OF DETAIL, WITH SPECIALIZED ITEMS UNIQUE TO THE CENSUS OF MINERAL INDUSTRIES

(Legend: A--All levels (U.S., States, substate areas). N--National only. S--State and national.)

Item	Census: Retail trade	Wholesale trade	Service industries	Constr. industries	Manufactures	Mineral industries
NUMBER OF ESTABLISHMENTS AND FIRMS						
All establishments	A			S		
Establishments with payroll	A	A	A	A	A	A
Single-unit and multiunit establishments	N	N	N	N	N	N
Establishments by legal form of organization	N	N	N	N	N	N
Firms	N	N	N		S	N
Single-unit and multiunit firms	N	N	N		N	N
Concentration by major firms	N	N	N		N	
EMPLOYMENT						
All employees	A	A	A	A	A	A
Production (construction) workers				S	A	A
Employment size of establishments	N	N	N	S	A	N
Employment size of firms	N	N	N			
Production (construction) worker hours				S	A	A
PAYROLLS						
All employees, entire year	A	A	A	A	A	A
All employees, first quarter	A	A	A	S	N	
Production (construction) workers				S	A	A
Supplemental labor costs, legally required and voluntary	N	N	N	S	S	S
SALES, RECEIPTS, OR VALUE OF SHIPMENTS						
All establishments	A			S	A	A
Establishments with payroll	A	A	A	A		
By product, line, or type of construction	A	A	A	S	N	S
By class of customer	N	N				
By size of establishments	N	N	N	S	N	N
By size of firms	N	N	N			
OPERATING EXPENSES						
Total	N	A	N			
Cost of materials, etc	N	N		A	A	A
Specific materials consumed (quantity/cost)	N	N			N	N
Cost of fuels	N	N	N	A	A	S
Energy consumed (quantity/cost)	N	N	N		A	S
Contract work		N		A	N	S
Products bought or sold (resales)					N	S
Advertising	N	N	N			
Rental payments, total	N	N	N	S	S	S
Buildings and structures	N	N	N	S	S	S
Machinery and equipment	N	N	N	S	S	S
Communications services	N	N	N	S	S	S
Purchased repairs	N	N	N	S	S	
CAPITAL EXPENDITURES						
Total	N	N	N	A	A	A
New, total	N	N	N	S	S	S
Buildings/equipment	N	N	N	S	S	S
Used, total	N	N	N	S	S	S
Buildings/equipment				S		S
DEPRECIABLE ASSETS, GROSS VALUE BUILDING/EQUIPMENT						
End of 1981	N	N	N	S	S	S
End of 1982	N	N	N	S	S	S
Depreciation (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
Retirements (detail for bldgs./equip. and/or total)	N	N	N	S	S	S
INVENTORIES						
End of 1981	N	S		S	S	S
LIFO, non-LIFO, and reserves		N			S	S
End of 1982	N	S		S	S	S
LIFO,[1] non-LIFO, and reserves		N			S	S
OTHER						
Value added	N	N		A	A	A
Specialization by type of construction/mfg				N	N	
Central administrative offices and auxiliaries	S	S	S	N	A	S
Water use					S	S

Specialized item	Census of mineral industries
ALL INDUSTRIES	
Hours worked by production, development, and exploration workers by department and type of operation (e.g., underground mining)	[2]S
Lease rents by type of operation	[2]S
Expensed mineral development and exploration expenditures by type of operation	[2]S
Quantities, costs, and stocks of detailed fuels consumed in production	[2]S
Assets, capital expenditures and retirements for mineral exploration and development and mineral land and rights (except for metal mining services; anthracite mining services; bituminous coal and lignite mining services; natural gas liquids; drilling oil and gas wells; oil and gas field exploration services; oil and gas field services, n.e.c. (not elsewhere classified); and nonmetallic minerals (except fuels) services)	[2]S
SPECIFIC INDUSTRIES	
Crude petroleum and natural gas:	
Lease tanks and stocks	[2]S
Mined by type of mining	[2]S
Quantity of shipments by ownership	[2]S
Anthracite; bituminous coal and lignite:	
Mined by type of mining	[2]S
Lead, zinc, copper, gold, and silver ores:	
Metal content	[2]S
Drilling oil and gas wells; oil and gas field exploration services; oil and gas field services, n.e.c.:	
Cost of drilling and equipping wells on contract for oil and gas companies	[2]S

Note: See fig. 3, p.10, and sections on individual censuses for substate areas included and limitations (number of establishments, population size, SIC level, etc.)

[1]Last in, first out.
[2]State only.

Mineral Industries

DEFINITION AND SCOPE

The 1982 Census of Mineral Industries enumerated those establishments primarily engaged in mining—extracting minerals that occur naturally, whether in solid, liquid, or gaseous form; preparing them on-site as necessary; and exploring and developing mineral properties. The census data were collected by mail directly from about 25,000 establishments, using 12 different industry-tailored questionnaires. All multi- and some single-establishment firms, the latter based on variable employment-size cutoffs, were included in the mailout. The remaining firms, about 11,000, were included through the use of Federal administrative records. Data on water use, reported in the *Subject Series* (see below), were collected from a sample of around 2,000 firms, based on gallonage. Annual survey data on oil and gas are obtained from a sample of the firms as part of the Current Industrial Reports program (see p. 39 and the oil and gas report description below).

The **census** of mineral industries covers activity in the following SIC major industry groups:

10—metal mining
11—anthracite mining
12—bituminous coal and lignite mining
13—oil and gas extraction
14—mining and quarrying of nonmetallic minerals, except fuels

These five major groups are broken down into 42 industries, all categorized by SIC codes, and the data for establishments are tabulated accordingly.

The annual survey of oil and gas (begun in 1973) collects data at the company level and presents them on both a net company interest (ownership) and a gross-operator basis.

The **census** reports present data on the subjects listed in figure 11.

The **survey** of oil and gas (the mineral industry survey last conducted by the Census Bureau for 1982 but now discontinued) presents annual estimates on key measures of domestic oil and gas field activity, such as—

sales volume (barrels or cubic feet)
revenues by product (gross and net interest basis)
expenditures—exploration, development, and production
gross assets, including depreciation, depletion, and amortization
legal form of organization
drilling statistics (number of wells and footage)

REPORTS

1982 Census of Mineral Industries

- *Preliminary Industry Series,* MIC82-I-10A(P) to 14E(P) 📖*. Twelve reports present preliminary data for the same groups of related industries covered in the final reports (see below). Includes such topics as value of shipments, receipts, capital expenditures, quantity and value of products shipped, employment, payroll, hours worked, wages, value added in mining, and certain costs.
- *Preliminary Summary Series,* MIC82-SUM-1(P) and 2(P) 📖*. Two reports: the first provides national summaries from the *Preliminary Industry Series* for each of the four-digit SIC industries (42 in all); the second contains data paralleling the *Geographic Area Series* (see below) for each State, without industry detail.

Final Reports

- *Industry Series,* MIC82-I-10A to 14E 📖▦*. Twelve reports for industries or groups of related industries at the national level with a breakdown by State. Some statistics also are presented by type of operation or size of establishment. The reports are as follows:

  10A *Iron Ores. . .*
  10B *Copper, Lead, Zinc, Gold, and Silver Ores. . .*
  10C *Bauxite, Ferroalloy Ores, Metal Mining Services, and Miscellaneous Metal Ores. . .*
  12A *Coal Mining. . .*
  13A *Crude Petroleum and Natural Gas. . .*
  13B *Natural Gas Liquids. . .*
  13C *Oil and Gas Field Services. . .*
  14A *Stone. . .*
  14B *Sand and Gravel. . .*
  14C *Clay, Ceramic, and Refractory Metals. . .*
  14D *Chemical and Fertilizer Mineral Mining. . .*
  14E *Miscellaneous Nonmetallic Minerals (Except Fuels) and Services*

- *Geographic Area Series,* MIC82-A-1 to 9 📖▦*. Nine reports, one for each of the geographic divisions. Minerals activity within each State within a division is presented at the two-, three-, and four-digit SIC industry levels; by type of operation and county at the two- and three-digit levels; and number of establishments, by employment size and county.

TABLE FROM INDUSTRY SERIES MIC82-I-13A (CRUDE PETROLEUM AND NATURAL GAS . . .)

Table 6a. Products or Services for Selected States: 1982 and 1977

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of the products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix]

Product or service code	Geographic area and product or service	1982 shipments or receipts for services		1977 shipments or receipts for services	
		Quantity	Value (million dollars)	Quantity	Value (million dollars)
	CRUDE PETROLEUM AND NATURAL GAS				
	Texas (Including Offshore)				
1311- —	**Crude petroleum and natural gas**				
13111 —	Crude petroleum, including lease condensate (volumes corrected to 60° F.):				
13111 00	Shipped ... million bbl				
13111 04	From stripper well leases ... do				
13111 06	Used in lease operations for power, heat, or other purposes, including losses ... do				
13111 07	Lease condensate produced (volumes corrected to 60° F.) ... do				
13115 —	Natural gas (volumes adjusted to pressure base of 14.73 pounds absolute at 60° F.) ... bil cu ft				
13115 00	Shipped to consumers ... do				
13115 34	Used in lease operations for power heat or gas lift ... do				
13115 36	Returned to underground formations for repressuring, pressure maintenance, and cycling ... do				
13115 38	Increase in underground storage ... do				
13115 40	Decrease in underground storage ... do				
13115 42	Vented to air, burned in flare, and other losses ... do				
13115 44	Total disposi[illegible]				

SAMPLE

TABLE FROM GEOGRAPHIC AREA SERIES MIC82-A

Table 5. Industry Group Statistics for Counties: 1982 and 1977

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix]

SIC code	Geographic area and industry group[1]	1982												1977	
			Establishments during year		All employees		Production, development, and exploration workers								
		E[2]	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)	Value added by mining (million dollars)	Cost of supplies used, purchased machinery installed, etc. (million dollars)	Value of shipments and receipts (million dollars)	Capital expenditures (million dollars)	All employees (1,000)	Value added by mining (million dollars)
	Illinois—Con.														
	Richland County	E3													
13	Oil and gas extraction	E3													
131	Crude petroleum and natural gas	E3													
138	Oil and gas field services	E3													
	Rock Island County	E4													
	Wabash County	-													
138	Oil and gas field services	-													
	Wayne County	-													
	White County	-													
	Will County	E1													
142	Crushed, broken stone, riprap	-													
	[illegible] Co[illegible]														

SAMPLE

- *Subject Series*, MIC82-S-1 to 7 ▭▦ *. Consists of seven reports for the United States; some of these also provide data for individual States.
  1 *General Summary*
  2 *Capital Expenditures, Fixed Assets, and Rental Payments*
  3 *Type of Organization*
  4 *Type of Operation*
  5 *Size of Establishments*
  6 *Water Use in Mineral Industries*
  7 *Fuels and Electric Energy Consumed*

See also—

- Census of Manufactures (p. 35) covers oil and gas refining and ore smelting. The *Subject Series* MC82-S (p. 37) includes reports on production indexes and materials consumed (although the latter include imported as well as domestic mineral products).
- Enterprise Statistics (p. 51)
- Minority- and Women-Owned Businesses (p. 53)
- Other Related Statistics (sec. 5, p. 59)

Current Mineral Statistics

- Annual survey of oil and gas results were published for years through 1982 as Current Industrial Reports, MA-13K, *Annual Survey of Oil and Gas* ▭▦ + and presented statistics for the current and previous years on such subjects as expenditure interrelationships, product specialization, and selected drilling relationships. The data are for the Nation as a whole, but some are shown in terms of onshore and offshore operations.

See also—

- *County Business Patterns* (p. 55)
- *Quarterly Financial Report* (p. 56)
- Other Related Statistics (sec. 5, p. 59)

TABLE FROM ANNUAL SURVEY OF OIL AND GAS (CURRENT INDUSTRIAL REPORT SERIES MA-13K)

Table 5. **Detailed Net Company Interest Statistics: 1978 to 1982**

Item	Unit of measure	1982	1981	1980	1979	1978	Index (1977=100) 1982	1981	1980	1979
Sales volumes:										
Crude petroleum and condensate	Mil. bbl.	2,432.3	2,441.7	2,495.2	2,455.5	2,551.6	101.8	102.2	104.5	102.8
From stripper well leases	..do.	269.1	r275.2	290.0	302.3	316.5	91.6	93.7	98.7	102.9
Lease condensate	..do.	125.5	121.1	106.8	108.8	114.9	112.2	108.2	95.4	97.2
Natural gas	Bil. cu. ft.	13,250.5	14,477.4	14,711.9	14,786.5	15,160.0	86.1	94.1	95.6	96.1
Lease revenues	Mil. dol.	102,555.8	108,492.2	74,903.0	48,430.8	38,279.7	302.0	320.4	220.6	142.6
Crude petroleum and condensate	..do.	67,194.2	75,255.9	49,371.7	28,938.0	22,116.6	336.6	377.0	247.3	145.0
Crude petroleum	..do.	63,295.7	71,428.3	47,162.8	27,601.2	20,993.6	333.8	376.7	248.7	145.6
Lease condensate	..do.	3,898.5	3,827.4	2,208.9	1,336.8	1,123.4	388.8	381.7	220.3	133.3
Natural gas	..do.	32,442.2	30,248.9	23,442.7	18,070.2	14,880.7	252.3	235.2	182.3	140.5
Income from oil and gas royalties	..do.	2,321.1	2,384.4	1,708.6	1,128.1	1,039.6	235.7	242.1	173.5	114.6
Other lease revenues from producing operations	..do.	598.3	603.0	380.0	294.5	242.8	402.9	406.1	255.9	198.3
Expenditures (capitalized and expensed)	..do.	91,784.3	98,635.7	62,655.0	44,686.4	30,373.3	356.7	383.4	243.6	173.7
Exploration expenditures	..do.	27,858.3	30,674.2	20,830.8	15,617.2	9,367.9	357.4	393.5	267.2	200.4
Drilling and equipping wells[1]	..do.	12,935.8	13,545.7	8,678.6	5,619.2	4,098.3	401.6	420.6	269.5	174.5
Dry holes	..do.	6,576.2	5,844.4	3,615.4	2,565.2	2,215.2	401.6	356.9	220.8	156.6
Oil wells	..do.	2,287.8	2,437.3	1,281.8	714.0	453.3	555.2	591.4	311.0	173.3
Gas wells	..do.	3,818.6	3,396.6	2,219.5	1,459.1	1,090.6	509.1	452.8	295.9	194.5
Work-in-progress adjustment	..do.	253.5	1,867.3	1,561.9	881.0	339.1	60.2	443.6	371.1	209.3
Lease and land acquisitions of nonproducing acreage	..do.	8,163.3	11,188.2	7,899.2	7,036.5	2,885.4	316.5	433.7	306.2	272.8
Land department leasing and scouting	..do.	458.0	376.2	274.7	223.5	163.6	279.1	229.3	167.5	136.2
Geological and geophysical	..do.	2,997.5	2,823.0	1,871.0	1,218.2	1,028.7	359.7	338.8	224.5	146.2
Lease rents	..do.	643.7	600.4	429.1	311.6	285.3	261.9	244.3	174.6	126.8
Test hole contributions	..do.	47.2	34.2	28.0	23.0	24.5	144.3	104.6	85.6	70.3
Other exploration expenditures including direct overhead	..do.	1,192.0	999.0	757.4	523.5	393.5	390.6	327.3	248.2	171.5
General and administrative overhead, not reported elsewhere	..do.	1,420.8	1,107.5	892.8	661.7	488.8	343.6	267.8	215.9	160.0
Development expenditures	..do.	25,858.8	25,015.7	19,578.9	17,303.6	11,010.7	280.7	271.5	212.9	187.8
Drilling and equipping wells[1]	..do.	15,578.0	16,107.5	10,193.4	7,972.5	6,838.7	272.7	281.9	178.4	139.6
Dry [illegible]	do.	[illegible]	[illegible]	951.2	875.8	788.6	[illegible]	[illegible]	147.3	[illegible]

Transportation

DEFINITION AND SCOPE

The census of transportation provides basic statistics for selected transportation industries and data on the characteristics and uses of trucks, the shipment of commodities, and personal travel. The 1982 program has the following components:

- A truck inventory and use survey (TIUS), which reports on the characteristics and operational use of truck resources other than Federal, State, and local government vehicles. It is based on a sample of private and commercial trucks from approximately 35 million registrations. The results are used in calculating fuel consumption by use category, planning and assigning priorities to highway and other capital expenditures on the basis of traffic characteristics and volume, and planning investments in capital equipment.
- A commodity transportation survey (CTS), covering calendar year 1983, that provides statistics on the volume and characteristics of commodity shipments from manufacturers and, for the first time, mining industries, petroleum bulk stations, and grain wholesalers. The data are useful in analyzing commodity traffic by origin, destination, and type of carrier. The CTS is based on a sample of approximately 75,000 establishments.
- Basic statistics from census and administrative records for establishments in the following SIC major groups:
  41—local and suburban transit and interurban highway passenger transportation
  42—motor freight transportation and warehousing
  44—water transportation
  45—transportation by air
  46—pipelines, except natural gas
  47—transportation services and additional detail for establishments engaged in public warehousing (SIC 422) and arrangement of passenger transportation (SIC 4722) based on a 1982 census canvass of these industries.

A national travel survey (NTS) normally is included in the quinquennial census program but was not carried out for 1982. CTS and NTS reports for 1977 are available and useful; they are described briefly under "Reports" below. The surveys are conducted by mail; subject coverage is discussed in the report descriptions.

REPORTS

- *Truck Inventory and Use Survey,* series TC82-T-1 to 52 ▭ ▦ * ⊛ +. A report for each State, the District of Columbia, and a U.S. summary, on the number of vehicles and other characteristics, by size class, major use, body type, load size, principal products carried, fleet size, and area of operation (local, short range, or long range).
- *Selected Statistics for Transportation Industries,* series and publication information to be announced. One report, covering the United States, the 50 States, and the District of Columbia, provides data by kind of business for 1982 and 1977 on the number of establishments, number of paid employees, and first-quarter and annual payroll; and for 1982 only, employment size and legal form of organization at the national level. For public warehousing (SIC 422) and arrangement of passenger transportation (SIC 4722), there also are data for the United States for 1982 by receipts size and on source of receipts by kind of business.
- *1977 National Travel Survey,* series TC77-N ▭ * ▦ ⊛ +. Data on the volume and characteristics of travel (trips of 100 miles or more) by U.S. civilians during 1977 for eight travel regions, States, the Nation, and selected foreign areas. The tabulations also cover such items as the age, education, and income of the travelers and their households.
- *1977 Commodity Transportation Survey.* Provides statistics on the volume and characteristics of commodity shipments originated by manufacturers in the 50 States and the District of Columbia. The data for 1977 were published three different ways: *Geographic Area Series* TC77-CA ▭ ▦ +, *Commodity Report Series* TC77-CC ▦ ⊛ +, and in a *Commodity Transportation Survey Summary* ▭ * ▦ +.

See also—

- Geographic reference materials (p. 11)
- *County Business Patterns* (p. 55)
- Other Related Statistics (sec. 5, p. 59, and further discussion below). The U.S. Travel and Tourism Administration (Department of Commerce) conducts a monthly survey of travelers entering or leaving the United States by air.

There are a number of other products, not directly part of the census of transportation, that are of interest to data users:

- *Nationwide Personal Transportation Study.* The Census Bureau collected data for the Federal Highway Adminstration in

Table 2. **Trucks, Truck Miles, and Average Annual Miles: 1982**

[Data relate to State of registration. Detail may not add to total because of rounding. For explanation of terms and symbols, see introductory text]

Vehicular and operational characteristics	Trucks and truck miles[1]			Trucks and truck miles, excluding pickups, panels, utilities, and station wagons[1]			Relative standard error of estimate (percent) for column—					
	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)	Trucks (thousands)	Truck miles (millions)	Average miles per truck (thousands)						
	A	B	C	D	E	F	A	B	C	D	E	F
Total trucks	.1	.9	.9	-	.2	.6	-	15	15	14	33	32
MAJOR USE												
Agriculture	-	-	.1	-	-	.1	99	99	-	99	99	-
Forestry and lumbering	-	-	1.7	-	-	-	99	99	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	.1	-	-	-	.4	33	42	26	39	40	19
Manufacturing	-	-	-	-	-	.5	99	99	-	99	99	-
Wholesale trade	-	.1	1.3	-	.1	1.3	70	85	48	70	85	48
Retail trade	-	-	.2	-	-	.2	99	99	-	99	99	-
For-hire transportation	-	-	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-	-	-
Services	-	-	-	-	-	-	-	-	-	-	-	-
Daily rental	-	-	-	-	-	-	-	-	-	-	-	-
Personal transportation	-	.5	1.1	-	-	1.2	17	25	17	99	99	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Not in use	-	-	-	-	-	-	-	-	-	-	-	-
Not reported	-	-	-	-	-	-	-	-	-	-	-	-

SAMPLE

1969-70, 1977, and 1983. The 1983 survey provided information from about 8,000 households on all trips (regardless of length) made during a designated 24-hour period, plus detail on trips of 75 miles or more taken during the preceding 13-day period. Items included availability and use of public transportation, types of vehicles available to the household, and characteristics of the trips.

The publication series for the 1977 study (covering about 21,000 households) includes 11 reports, the last of which is scheduled for issuance in 1984. Single copies 📖 of the 1977 reports, details about ordering multiple copies or ▦, and information on the publication schedule for the 1983 study may be obtained from the Highway Statistics Division, HHP-44, Federal Highway Administration, Washington, D.C. 20590.

- The decennial census of population and housing collected data on place of work, means of transportation to work, carpooling, and persons with public-transportation disabilities on a sample basis in the 1980 census. These are published in the following series:
  General Social and Economic Characteristics, series PC80-1-C 📖 * ⊛ +
  Detailed Population Characteristics, series PC80-1-D ▦ ⊛ +
  Census Tracts, series PHC 80-2 📖 * ⊛ +
  Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas, series PHC80-3 📖 * ⊛ +
  Subject Reports, series PC80-2: Nos. 6C, *Journey to Work: Metropolitan Commuting Flows* 📖 *; 6D, *Journey to Work: Characteristics of Workers in Metropolitan Commuting Flows* 📖 *; and 6E, *Place of Work* (counts and characteristics of workers) 📖 *
- *Urban Transportation Planning Packages (UTPP)* ▦ ⊛ +. Special tabulations of data from the 1980 Census of Population and Housing for use in transportation planning. Commuter flows and related data are presented for individual SMSA's by census areas of residence and work, such as places, tracts, and block groups, or by traffic analysis zones defined by local planning organizations. (UTPP cost estimates and lists of participating SMSA's are available from the Population Division, Bureau of the Census, Washington, D.C. 20233, telephone 301/763-3850.)
- Annual Housing Survey,[2] series H-150 📖 * ▦ ⊛ +, parts E, *Urban and Rural Characteristics for the United States and Regions,* and F, *Energy-Related Housing Characteristics.* Include data for the head of the household on means of transportation to work, travel time, and distance. Data are shown for the Nation and the four census regions. Series H-170, part A, *General Housing Characteristics,* gives similar data for 60 selected SMSA's (15 each year).

  Results of a special supplement to the annual housing survey in 1979 were published in Current Population Reports, series P-23, Special Studies, No. 122, *The Journey to Work in the United States* 📖 * ▦ ⊛ +.
- *Current Housing Reports, series* H-121 📖 * ▦ +, Housing Characteristics, includes No. 17 (issued July 1983), *Cars and Trucks in the United States, 1970 to 1977.*
- The U.S. import and export data published in the Bureau's foreign trade statistics program (see pp. 61-62) include compilations in terms of international (but not domestic) transportation—by vessel, air, or other modes (rail, truck, etc.).

[2] Title changed in 1984 reports to American Housing Survey.

Outlying Areas

DEFINITION AND SCOPE

Economic censuses of retail trade, wholesale trade, selected service industries, construction industries, and manufactures (but not mineral industries or transportation) also were conducted for Puerto Rico, the Virgin Islands of the United States, Guam, and the Northern Marianas. These enumerations are known collectively as the 1982 Economic Censuses of Outlying Areas. The most detailed were in Puerto Rico, where both English- and Spanish-language questionnaires were used to gather the necessary data. There and in the Virgin Islands, collection was by mail, supplemented by personal canvass; elsewhere, enumerators visited each establishment.

Further information on subject matter and uses can be found under the respective census headings in this section, although the censuses of outlying areas generally had fewer inquiries and published less detailed results than their U.S. counterparts.

REPORTS

There are no preliminary reports; the following are all final series.

- *Retail Trade, Wholesale Trade, Selected Service Industries—Puerto Rico: Geographic Area Statistics,* OAC82-1 ▯ ▦ *. Presents data by varied kind-of-business detail on the number of establishments, employment, number of working partners and proprietors, unpaid family workers, payroll, and sales or receipts. Data on operating expenses and inventories are provided for wholesale trade. There are tabulations for the Commonwealth, SMSA's, and municipios (county equivalents).

- *Retail Trade, Wholesale Trade, Selected Service Industries—Puerto Rico: Subject Statistics,* OAC82-2 ▯ ▦ *. Contains tabulations by SIC on sales (or receipts) size, employment size, legal form of organization, and corporate ownership. Wholesale trade data on commodity line sales, inventories, operating expenses, employment by principal activity, and class of customer appear by kind of business for the island. Retail trade data are presented for merchandise line sales, class of customer (general public or commercial, professional, agricultural, etc.), and total and selling-floor space for selected kinds of business; and sales of retail stores in CBD's and MRC's for the SMSA's, by kind of business. For services, there are fairly detailed data for hotels and motels, including type of receipts and number of rooms, for the Commonwealth as a whole. This report is published in two parts: 1, *Establishment and Firm Size, Legal Form of Organization, and Corporate Ownership* and 2, *Miscellaneous Subjects.*

- *Construction Industries—Puerto Rico,* OAC82-3 ▯ ▦ *. Contains summary, industry, and geographic area statistics for the Commonwealth, SMSA's, and municipios. The industry chapter presents data by industry on the number of construction establishments, employment, number of working partners and and proprietors, unpaid family workers, payroll, receipts, net construction receipts, value added, capital expenditures during the year, and payments for the following: materials, components, and supplies; selected purchased services; rental or lease of machinery, equipment, and structures; and power, fuels, and lubricants. More detailed information on receipts is shown for new construction, and there are summary data by geographic location of establishments and by legal form of organization. Statistics also are provided for establishments by employment size. The geographic area chapter offers data for SMSA's and municipios, and the summary chapter presents totals derived from the industry and area tabulations.

- *Manufactures—Puerto Rico,* OAC82-4 ▯ ▦ *. Contains data for the Commonwealth, SMSA's, and municipios on number of establishments, employment, payroll, value of shipments, value added by manufacture, inventories, capital expenditures, products, and employment of production workers. Statistics are shown by industry and geographic area. Most of the above reports include introductory material and appendixes in both English and Spanish.

- *Construction Industries, Manufactures, Wholesale Trade, Retail Trade, Selected Service Industries—Virgin Islands of the United States,* OAC82-5 ▯ ▦ *. Covers data for the islands as a whole, for St. Croix separately and for St. Thomas and St. John combined, and for the towns of Charlotte Amalie, Christiansted, and Frederiksted, by kind of business. There are data on the number of establishments, employment, number of working partners and proprietors, unpaid family workers, payroll, and sales or receipts. There are summary statistics on legal form of organization, employment size, and sales/receipts size, and detailed statistics for hotels and motels for the islands as a whole.

- *Construction Industries, Manufactures, Wholesale Trade, Retail Trade, Selected Service Industries—Guam,* OAC82-6

📖▦*. Coverage as above for the island and its election districts.

- *Construction Industries, Manufactures, Wholesale Trade, Retail Trade, Selected Service Industries—Northern Mariana Islands,* OAC82-7 📖▦ *. Coverage as above for the islands as a whole; detail is limited, and hotels are not included.

See also—

- *County Business Patterns* (p. 55) for Puerto Rico
- Other Related Statistics (sec. 5, p. 59)

TABLES FROM CENSUSES OF OUTLYING AREAS SERIES OAC82-4 (PUERTO RICO, MANUFACTURES, BY INDUSTRY AND GEOGRAPHIC AREA)†

Table 2. **Detailed Statistics by Industry Group and Industry: 1977**–Con.

(For explanation of terms, see appendix A)

Item	Men's and boys' neckwear (SIC 2323)	Men's and boys' separate trousers (SIC 2327)	Men's and boys' work clothing (SIC 2328)	Men's and boys clothing n.e.c. (SIC 2329)	Women's and misses' outerwear (SIC 233)	Women's and misses' blouse and waists (SIC 2331)	Women's and misses' dresses (SIC 2335)	Women's and misses' suits and coats (SIC 2337)
ALL ESTABLISHMENTS								
Total.....number..	3	17	18	9	93	9	53	10
With less than 10 employees.....do.....	-	10	4	3	40	4	24	7
With 10 employees or more.....do.....	3	7	14	6	53	5	29	3
Proprietors and partners.....do.....	-	-	1	1	8	1	7	-
All employees, average for year.....do.....	246	972	2,092	778	5,369	547	1,708	143
Payroll for year, all employees.....$1,000..	1,050	4,805	10,437	3,069	24,598	2,720	7,191	684
Production workers:								
Average for year.....number..	234	926	1,864	749	4,984	508	1,571	135
March.....do.....	278	819	1,795	773	4,889	522	1,503	105
May.....do.....	239	907	1,868	737	5,005	544	1,595	147
August.....do.....	214	969	1,886	743	4,887	448	1,544	136
November.....do.....	203	999	1,896	739	5,097	508	1,612	146
Wages.....$1,000..	919	4,169	8,683	2,838	19,904	2,301	6,041	582
Cost of [illegible] etc.....do...	856	[illegible]	[illegible]	[illegible]	[illegible]	2,315	11,504	[illegible]

Table 2. **Selected Statistics for Selected Standard Metropolitan Statistical Areas and Municipios by Employment Size of Establishment: 1977**–Con.

(For explanation of terms, see appendix A)

Standard metropolitan statistical area, municipio, and employee size class	1977					1972		
	Establishments (number)	All employees		Value added by manufacture ($1,000)	Value of shipments ($1,000)	Establishments (number)	All employees	Value added by manufacture ($1,000)
		Number	Payroll ($1,000)					
MUNICIPIOS--Con.								
Bayamón.....	193	9,046	64,544	187,408	545,267	184	9,549	102,111
Establishments with an average of--								
1 to 4 employees.....	49	135	721	2,030	4,340	35	66	586
5 to 9 employees.....	36	226	1,178	3,118	9,023	33	234	2,502
10 to 19 employees.....	40	547	3,395	12,081	22,302	29	414	4,945
20 to 49 employees.....	34	1,119	6,351	16,506	36,115	41	1,268	10,464
50 to 99 employees.....	13	909	7,772	15,663	34,588	25	1,734	19,570
100 to 249 employees.....	14	2,213	15,342	47,570	102,194	19	5,833	64,044
250 to 499 employees.....	6	3,897	29,785	90,440	336,705	1	(D)	(D)
500 or more employees.....	1	(D)	(D)	(D)	(D)	1	(D)	(D)
Cabo Rojo.....	23	1,310	6,856	16,253	34,519	17	690	3,374
Establishments with an average of--								
1 to 4 employees.....	10	24	100	256	596	4	8	30
5 to 9 employees.....	3	21	87	129	278	4	44	232
10 to 19 [illegible]	4	[illegible]	654	[illegible]	4,013	1	(D)	(D)

†Tables from the 1977 censuses have been inserted for illustrative purposes.

Table 5a. General Statistics by Industry and Kind of Business for the Islands of St. Thomas and St. John: 1982

(Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix A)

SIC code	Industry and kind of business	Establishments (number)	Sales and receipts[1] ($1,000)	Annual payroll ($1,000)	First quarter payroll ($1,000)	Paid employees for week including March 12 (number)	Proprietors and partners[2] (number)	Unpaid family workers[2] (number)
	Total	1 552	663 545	104 117	25 949	10 779	880	273
15-17	Construction	89	66 639	13 859	3 715	1 248	36	16
15	General building contractors and operative builders	35	30 660	5 374	1 428	525	16	10
16	Heavy construction contractors	9	23 074	4 758	1 370	335	2	-
17	Special trade contractors	45	12 905	3 727	917	388	18	6
20-39	Manufacturing	28	19 762	4 000	993	325	5	2
20	Food and kindred products	6	6 234	1 255	310	86	-	1
27	Printing, publishing, and allied industries	5	3 176	1 245	308	107	1	-
387	Watches, clocks, and watchcases	-	-	-	-	-	-	-
50-51	Wholesale trade	60	142 144	15 392	3 695	1 092	4	5
50	Durable goods	21	34 873	3 491	935	219	2	-
503	Lumber and other construction materials	3	(D)	(D)	(D)	(D)	(D)	-
506	Electrical goods	4	(D)	(D)	(D)	(D)	(D)	-
507	Hardware, and plumbing and heating equipment and supplies	3	(D)	(D)	(D)	(D)	(D)	-
508	Machinery, equipment, and supplies	6	11 361	1 507	461	89	-	-
509	Miscellaneous durable goods	3	(D)	(D)	(D)	(D)	(D)	-
51	Nondurable goods	39	107 271	11 901	2 760	873	2	5
514	Groceries and related products	12	37 967	3 741	899	288	-	3
518	Beer, wine and distilled alcholic beverages	10	52 433	6 204	1 394	455	1	-
52-59	Retail trade	735	326 898	40 563	10 138	4 721	354	192
52	Building [illegible]ials, hardwa[illegible]rden supply [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Enterprise Statistics

DEFINITION AND SCOPE

The Census Bureau's enterprise statistics program regroups census data for establishments under common ownership or control in order to show various economic characteristics of the owning or controlling firms. The program's primary contribution to the economic analysis of U.S. industrial organization lies in its unique ability to relate each company's data directly with its component establishment statistics. Additionally, separate data from the economic censuses are collected and published about auxiliary establishments. These are engaged primarily in providing centralized management and support services for the owning company's other establishments, rather than for other firms or the general public.

The 1982 Enterprise Statistics are part of the economic censuses' integrated program and cover the following areas: retail and wholesale trade; service, mineral, and construction industries; manufactures; and, for the first time, agriculture. For the enterprise statistics program, each company covered in one of these censuses is classified in an "enterprise" category, which is a grouping of four-digit SIC industries adapted for the purpose of consolidating establishment data into company aggregates. (See p. 7.)

Subjects covered are listed under the "Reports" headings below.

The *General Report on Industrial Organization* (see below) allows the analysis of these data to determine significant patterns in the U.S. industrial organization in terms of the primary industrial activity of companies, their employment and sales size, industry concentration, and other economic characteristics, including those of the establishments they own or control. A company-establishment cross-tabulation provides, within the analytical framework of the enterprise classification system, detailed census data for studying historical shifts in the relative economic importance of large and small businesses, the changing patterns of vertical integration and diversification among large industrial firms, the extent and significance of dual distribution practices, and similar economic characteristics.

REPORTS

- *General Report on Industrial Organization,* series ES82-1 ▯▦ *. A comprehensive examination of the U.S. private economy for 1982. Establishment data are aggregated at the company level; detailed statistics are presented by primary industrial activity, employment and sales size, legal form of organization, industry concentration, and in company-establishment cross-tabulations. Large-company data include the number of companies, number and primary industry of owned or operated establishments, number of employees, annual payroll, sales and receipts, end-of-year inventories, capital expenditures, and assets. The tabulations, including limited data on agriculture, are published at the national and State levels. (National data for 1977, excluding agriculture, are available in series ES77-1 ▯ * ▦ +.)

TABLE FROM SERIES ES-77-1, GENERAL REPORT ON INDUSTRIAL ORGANIZATION

Table 1. **Company Statistics by Classification Status of Owned Establishments: 1977**

(For a description of industry specialization ratio, see Appendix B, Explanation of Terms)

Line no.	1977 code	Enterprise industry category of company and classification status of owned establishments	All companies: Number	All companies: Owned establishments (number)	All companies: Sales and receipts (million dollars)	Companies with payroll: Number	Companies with payroll: Owned establishments (number)
		ALL INDUSTRIES					
1		ALL COMPANIES, TOTAL	5 589 806	6 225 812	3 324 550.3	2 884 460	3 520 466
2		ESTABLISHMENTS IN SAME CATEGORY	5 589 806	5 944 596	2 715 414.2	2 884 460	3 239 250
3		ESTABLISHMENTS IN OTHER CATEGORIES	35 827	250 193	1 144 404.1	35 827	250 193
4		CAO AND SALES BRANCH ESTABLISHMENTS	12 425	31 023	25 304.3	12 425	31 023
5		INDUSTRY SPECIALIZATION RATIO	(X)	96.0	70.4	(X)	92.8
6		SINGLE-INDUSTRY COMPANIES	5 553 979	5 746 974	1 593 278.9	2 848 633	3 041 628
7		ESTABLISHMENTS IN SAME CATEGORY	5 553 979	5 739 652	1 601 326.0	2 848 633	3 034 306
8		CAO AND SALES BRANCH ESTABLISHMENTS	6 366	7 322	3 470.9	6 366	7 322
9		MULTI-INDUSTRY COMPANIES	35 827	478 838	1 731 271.4	35 827	478 838
10		ESTABLISHMENTS IN SAME CATEGORY	35 827	204 944	1 114 088.2	35 827	204 944
11		ESTABLISHMENTS IN OTHER CATEGORIES	35 827	250 193	1 144 404.1	35 827	250 193
12		CAO AND SALES BRANCH ESTABLISHMENTS	6 059	23 701	21 833.4	6 059	23 701
13		INDUSTRY SPECIALIZATION RATIO	(X)	45.0	49.3	(X)	45.0

- *Auxiliary Establishment Report,* series ES82-2 ▯ ▦ *. Data on separately operated central administrative offices and auxiliary establishments (i.e., warehouses, research and development laboratories, etc.) of multiestablishment firms, excluding those engaged in agriculture. Information is presented by the industry of the operating establishments being serviced, by the type of service provided, and by employment size. The subjects include number of establishments and employees, annual payroll, sales and receipts, end-of-year inventories, rental payments, capital expenditures, gross fixed assets, and research and development costs. These data are presented on a selective basis for the United States, States, SCSA's, SMSA's, and counties. The report also displays information on the company industry classification, company size, and other economic characteristics of the firms that operate these central offices and auxiliaries. (Data for 1977 are available in series ES77-2 ▯ * ▦ +.)

See also—

- *Quarterly Finanical Report* (p. 56)
- Other Related Statistics (sec. 5, p. 59)

TABLE FROM SERIES ES-77-2, [AUXILIARY ESTABLISHMENT REPORT]

Table 3. **Selected Statistics by Employment Size: 1977**

Industry division of establishments serviced and employment size class of central administrative offices and auxiliaries	All CAO's and auxiliaries			Principal function of CAO's and auxiliaries									
				Centralized administration		Research, development, and testing		Warehousing		Electronic data processing		Other activities	
	Establishments (no.)	Employees (no.)	Annual payroll ($1,000)	Establishments (no.)	Employees (no.)	Establishments (no.)	Employees (no.)	Establishments (no.)	Employees (no.)	Establishments (no.)	Employees (no.)	Establishments (no.)	Employees (no.)
ALL INDUSTRIES	30 941	2 073 283	36 557 975	23 246	1 487 240	1 083	227 285	3 284	213 991	196	16 699	3 132	128 068
CAO'S AND AUXILIARIES WITH--													
LESS THAN 10 EMPLOYEES	13 723	55 620	1 099 167	10 623	42 229	235	1 081	1 258	5 405	37	198	1 570	6 707
10 TO 19 EMPLOYEES	5 154	70 539	1 231 073	3 942	53 721	127	1 775	532	7 407	31	438	522	7 198
20 TO 49 EMPLOYEES	5 216	163 374	2 693 522	3 843	120 137	197	6 280	625	19 455	47	1 518	504	15 984
50 TO 99 EMPLOYEES	2 841	199 556	3 204 884	2 051	143 722	161	11 579	334	23 393	34	2 437	261	18 425
100 TO 499 EMPLOYEES	3 304	688 720	11 484 466	2 295	476 687	263	59 251	468	97 936	43	8 326	235	46 520
500 OR MORE EMPLOYEES	703	895 474	16 844 863	492	650 744	100	147 319	67	60 395	4	3 782	40	33 234
MINERAL INDUSTRIES, TOTAL	1 116	76 913	1 635 713	904	64 120	87	8 800	21	339	3	97	101	3 557
CAO'S AND AUXILIARIES WITH--													
LESS THAN 10 EMPLOYEES	365	1 600	51 579	290	1 282	20	91	10	38	-	-	45	189
10 TO 19 EMPLOYEES	204	2 826	57 808	167	F	9	C	8	104	1	A	19	274
20 TO 49 EMPLOYEES	238	7 754	161 421	196	6 339	24	E	1	B	1	B	16	545
50 TO 99 EMPLOYEES	119	8 305	164 682	89	6 253	14	E	1	B	1	B	14	F
100 TO 499 EMPLOYEES	163	34 609	759 421	141	30 033	15	3 447	1	C	-	-	6	F
500 OR MORE EMPLOYEES	27	21 819	440 802	21	I	5	3 398	-	-	-	-	1	E
CONSTRUCTION INDUSTRIES, TOTAL	344	13 355	299 275	291	9 962	7	2 067	12	95	2	B	32	F
CAO'S AND AUXILIARIES WITH--													
LESS THAN 10 EMPLOYEES	146	601	13 785	126	524	2	A	7	23	-	-	11	B
10 TO 19 EMPLOYEES	80	1 118	22 307	63	E	-	-	5	72	2	B	10	143
20 TO 49 EMPLOYEES	60	1 966	40 545	54	1 770	1	B	-	-	-	-	5	C
50 TO 99 EMPLOYEES	35	2 465	47 151	31	2 164	1	B	-	-	-	-	3	C
100 TO 499 EMPLOYEES	19	3 599	62 771	14	2 770	2	C	-	-	-	-	3	E
500 OR MORE EMPLOYEES	4	3 606	112 716	3	F	1	F	-	-	-	-	-	-

Minority- and Women-Owned Businesses

DEFINITION AND SCOPE

The 1982 Survey of Minority-Owned Business Enterprises determines the extent of business ownership by specific minority groups in the United States: Blacks, persons of Spanish origin, Asian Americans, American Indians, and other minorities. Information was obtained from Federal administrative records, various published and unpublished source listings, personal contacts with knowledgeable community and government representatives (to identify corporations), and a direct mail canvass to determine Spanish origin or other minority ancestry. The data (see below) then were taken from the 1982 Economic Census returns.

As part of the 5-year economic censuses, the Bureau also gathers and publishes basic economic data about firms owned by women. For 1982, these businesses were identified from administrative records.

Generally, a firm falls within the scope of these programs if the sole owner or one-half or more of the partners are women or members of minority groups. A corporation is so classified if at least 50 percent of the stock is in such hands.

Data are presented by industry (two-, three-, and four-digit SIC codes) and geographic areas: the United States, States, and those SMSA's, counties, and places with 250 or more women- or minority-owned firms. The industries are those covered by the 1982 economic census and survey programs (see fig. 2 on p. 8), i.e., the SIC range 01-89, with the following exceptions: 01 and 02, agricultural production; 40, railroad transportation; 43, the U.S. Postal Service; 673, trusts; 679, miscellaneous investing; 86, membership organizations; 88, private households; and 91-97, public administration.

The following subjects are included in the tables:
size of firm (employment and sales or receipts)
legal form of organization
number of firms (with and without paid employees)
employment
annual payroll
gross receipts

These data are useful at all levels of government and industry for assessing minority participation in the U.S. economy in terms of business ownership and activity. Researchers, minority and women's organizations, financial institutions, and other users find the data of interest in gauging long-term changes in the levels of minority and women's holdings in various industries in specific geographic areas and comparing these trends with those found in other economic and demographic statistics.

REPORTS

- *1982 Survey of Minority-Owned Business Enterprises,* series MB82-1 to 4 *. Four reports: 1, *Minority-Owned*

TABLE FROM MINORITY-OWNED BUSINESS ENTERPRISES SERIES MB

Table 4. **Statistics by Industry Division and States: 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area and industry division	All firms		Firms with paid employees				Relative standard error of estimate (percent[1]) for column—			
	Firms (number)	Sales and receipts ($1,000)	Firms (number)	Employees for pay period including March 12 (number)	Annual payroll ($1,000)	Sales and receipts ($1,000)				
	A	B	C	D	E	F	A	B	C	F
Alabama	I	I	I	I	I	I	I	I	I	I
Agricultural services, forestry, fishing, and mining	I	I	I	I	I	I	I	I	I	I
Construction	I	I	I	I	I	I	I	I	I	I
Manufacturing	I	I	I	I	I	I	I	I	I	I
Transportation and public utilities	I	I	I	I	I	I	I	I	I	I
Wholesale trade	I	I	I	I	I	I	I	I	I	I
Retail trade	I	I	I	I	I	I	I	I	I	I
Finance, insurance, and real estate	I	I	I	I	I	I	I	I	I	I
Selected services	I	I	I	I	I	I	I	I	I	I
Industries not classified	I	I	I	I	I	I	I	I	I	I

SAMPLE

Businesses—Black; 2, Minority-Owned Businesses—Spanish Origin; 3, Minority-Owned Businesses —Asian Americans, American Indians, and Other Minorities; 4, Minority-Owned Businesses—Summary.

- *Women-Owned Businesses: 1982,* series WB-82 ▭ ▦ *. One report.

See also—

- *County Business Patterns* (p. 55), by industry of interest
- Other 1982 Economic Censuses and current surveys, by topic
- Other Related Statistics (sec. 5, p. 59 ff.)

TABLES FROM WOMEN-OWNED BUSINESSES REPORT SERIES WB

Table 1. **Industry Statistics: 1982**

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Industry division, industry group, and industry	All firms		Firms with paid employees				Relative standard error of estimate (percent[1]) for column—			
		Firms (number)	Sales and receipts ($1,000)	Firms (number)	Employees for pay period including March 12 (number)	Annual payroll ($1,000)	Sales and receipts ($1,000)				
		A	B	C	D	E	F	A	B	C	F
	All industries	I	I	I	I	I	I	I	I	I	I
	Agricultural services, forestry, and fishing	I	I	I	I	I	I	I	I	I	I
07	Agricultural services	I	I	I	I	I	I	I	I	I	I
071	Soil preparation services	I	I	I	I	I	I	I	I	I	I
072	Crop services	I	I	I	I	I	I	I	I	I	I
074	Veterinary services	I	I	I	I	I	I	I	I	I	I
075	Animal services, except veterinary	I	I	I	I	I	I	I	I	I	I
076	Farm labor and management services	I	I	I	I	I	I	I	I	I	I
078	Landscape and horticultural services	I	I	I	I	I	I	I	I	I	I
07-	Agricultural services, n.s.k.	I	I	I	I	I	I	I	I	I	I
08	Forestry	I	I	I	I	I	I	I	I	I	I
081	Timber tracts	I	I	I	I	I	I	I	I	I	I
082	Forest nurseries and seed gathering	I	I	I	I	I	I	I	I	I	I
084	Gathering of miscellaneous forest products	I	I	I	I	I	I	I	I	I	I
085	Forestry services	I	I	I	I	I	I	I	I	I	I
08-	Forestry, n.s.k.	I	I	I	I	I	I	I	I	I	I

SAMPLE

Table 2. **Statistics by Industry Division and States: 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area and industry division	All firms		Firms with paid employees				Relative standard error of estimate (percent[1]) for column—			
	Firms (number)	Sales and receipts ($1,000)	Firms (number)	Employees for pay period including March 12 (number)	Annual payroll ($1,000)	Sales and receipts ($1,000)				
	A	B	C	D	E	F	A	B	C	F
Alabama	I	I	I	I	I	I	I	I	I	I
Agricultural services, forestry, fishing, and mining	I	I	I	I	I	I	I	I	I	I
Construction	I	I	I	I	I	I	I	I	I	I
Manufacturing	I	I	I	I	I	I	I	I	I	I
Transportation and public utilities	I	I	I	I	I	I	I	I	I	I
Wholesale trade	I	I	I	I	I	I	I	I	I	I
Retail trade	I	I	I	I	I	I	I	I	I	I
Finance, insurance, and real estate	I	I	I	I	I	I	I	I	I	I
Selected services	I	I	I	I	I	I	I	I	I	I
Industries not classified	I	I	I	I	I	I	I	I	I	I
Alaska	I	I	I	I	I	I	I	I	I	I
Agricultural services, forestry, fishing, and mining	I	I	I	I	I	I	I	I	I	I
Construction	I	I	I	I	I	I	I	I	I	I
Manufacturing	I	I	I	I	I	I	I	I	I	I
Transportation and public utilities	I	I	I	I	I	I	I	I	I	I
Wholesale trade	I	I	I	I	I	I	I	I	I	I
Retail trade	I	I	I	I	I	I	I	I	I	I
Finance, insurance, and real estate	I	I	I	I	I	I	I	I	I	I
Selected services	I	I	I	I	I	I	I	I	I	I

SAMPLE

County Business Patterns

DEFINITION AND SCOPE

This annual series of County Business Patterns (CBP) reports presents intercensal economic data at the State and county levels for the following sectors of the economy in the 50 States, the District of Columbia, and Puerto Rico: agricultural services, forestry, and fisheries; mining; construction; manufacturing; transportation and other public utilities (except railroads and the U.S. Postal Service); wholesale trade; retail trade; finance, insurance, and real estate; and services, including religious organizations. Thus, CBP covers more sectors than do the quinquennial economic censuses (see fig. 2, p. 8).

The data in the CBP reports represent types of employment covered by the Federal Insurance Contributions Act (FICA) and are obtained from several different sources, including administative records, an annual company organization survey, and the censuses during census years. The basic tabulations in the reports exclude self-employed persons, farm and domestic-service workers, railroad employment subject to the Railroad Retirement Act, employment on oceangoing vessels or in foreign countries, and government employees (although Federal civilian employment and total quarterly payroll are included for individual counties in all States).

The reports show figures for employer establishments only and where the industry has 50 or more employees in the given area, at these levels: The United States, four-digit SIC; States and counties, two-, three-, or four-digit SIC, depending on the magnitude of employment. The published data items are as follows:

number of establishments
mid-March employment
first-quarter and annual payroll

The CBP statistics are used in updating less-frequently collected census figures, such as employment and payroll by industry, and in analyzing activity in economic sectors not covered by the censuses.

REPORTS

- *County Business Patterns,* series CBP-[year] ☐ * ▦ ⊛ +. A report for the United States, each State, the District of Columbia, and Puerto Rico. The individual State reports present State- and county-level data on the number of establishments, employees, payrolls, and the number of establishments by employment-size class. The U.S. summary includes data by four-digit SIC level for the United States as well as State totals and, by two-digit SIC, the number of auxiliary establishments for the Nation, together with their number of employees and payroll.

TABLE FROM COUNTY BUSINESS PATTERNS, SERIES CBP-82 (NEW HAMPSHIRE)

Table 2. Counties—Employees, Payroll, and Establishments, by Industry: 1982

(Excludes government employees, railroad employees, self-employed persons, etc.—see "General Explanation" for definitions and statement on reliability of data. Size class 1 to 4 includes establishments having payroll but no employees during mid-March pay period. "D" denotes figures withheld to avoid disclosure of operations of individual establishments, the other alphabetics indicate employment-size class—see footnote.)

SIC code	Industry	Number of employees for week including March 12	Payroll ($1,000)		Number of establishments, by employment-size class									
			First Quarter	Annual	Total	1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1000 or more
	BELKNAP													
	Total	**14 384**	**41 472**	**185 411**	**1 222**	**730**	**207**	**136**	**93**	**30**	**20**	**5**	**1**	**-**
....	Agricultural services,forestry,fisheries	25	50	270	10	8	2	-	-	-	-	-	-	-
....	Mining	(A)	(D)	(D)	1	-	-	1	-	-	-	-	-	-
....	Contract construction	1 100	4 028	24 525	162	121	13	19	6	1	2	-	-	-
15	General contractors and operative builders	373	1 472	6 629	54	43	1	5	4	1	-	-	-	-
151	General building contractors	(E)	(D)	(D)	24	13	1	5	4	1	-	-	-	-
16	Heavy construction contractors	227	1 114	10 794	19	9	5	2	2	-	1	-	-	-
161	Highway and street construction	(C)	(D)	(D)	10	5	2	1	1	-	1	-	-	-
162	Heavy construction, except highway	(B)	(D)	(D)	9	4	3	1	1	-	-	-	-	-
17	Special trade contractors	500	1 443	7 102	89	69	7	12	-	-	1	-	-	-
171	Plumbing, heating, air conditioning	184	625	2 704	15	10	-	4	-	-	1	-	-	-
173	Electrical work	88	272	1 358	16	11	2	3	-	-	-	-	-	-
179	Misc. special trade contractors	81	168	772	13	11	1	1	-	-	-	-	-	-
....	Manufacturing	4 844	16 265	66 071	120	48	20	9	17	10	11	5	-	-
22	Textile mill products	89	223	709	8	4	2	-	2	-	-	-	-	-
225	Knitting mills	(B)	(D)	(D)	6	3	1	-	2	-	-	-	-	-
2253	Knit outerwear mills	(B)	(D)	(D)	3	1	-	-	2	-	-	-	-	-
	[illegible]rel and other [illegible]ducts	260	696	2 776	9	2	1	2	2	2		-		-

The computer tapes consist of three files, each available separately: a **U.S. summary** with detailed national data; **1B**, summaries for States and geographic divisions; and **2**, summaries by county. These files contain both published and unpublished data for all SIC's at all geographic levels—national, State, and county—even where the area has an industry with fewer than 50 employees, provided there is no disclosure. Two-digit SIC data for SMSA's for most years from 1975 on are available upon special request+.

Data also can be ordered on 5¼-inch disks for use on microcomputers + .

See also—

- Other economic census and survey topics (see above in this section)
- Other Related Statistics (sec. 5, p. 59 ff.)

Quarterly Financial Report

DEFINITION AND SCOPE

The *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations* (QFR) was published by the Federal Trade Commission from 1947 until 1982, when responsibility for it was transferred to the Census Bureau.

Based on a national sample of approximately 13,500 corporations, this survey provides current estimates of income, assets, liabilities, stockholders' equity, and related financial and operating ratios, classified by industry and asset size. This is the only Census Bureau program that collects profit and loss information. QFR data are published by Enterprise Standard Industrial Classification (ESIC) major industry groups and some subgroups. The ESIC provides groupings of four-digit SIC industries that allow corporations to be classified by product lines or establishment data to be consolidated into company aggregates. (See pp. 7-8 for discussion of the ESIC system.)

The QFR provides aggregate statistics on the performance and health of U.S. corporations—important indicators of the Nation's economic well-being. For example, Federal officials use the corporate profit figures in making quarterly and annual estimates of the gross national product, in monitoring the Federal Reserve's flow-of-fund accounts, and in analyzing large and small corporations' financial activities. In the private sector, investors and others may compare a particular corporation's growth or decline (as reflected in its financial report) with those of its industry or industry group as shown in the QFR.

REPORTS

- *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations* (subscription* or single copies+) +. Earnings, assets, liabilities, stockholders' equity, and selected ratios for the current and four previous quarters. Data are provided for ESIC major industry groups and for some subgroups.

See also—

- Other economic census topics (see above in this section)
- Other Related Statistics (sec. 5, p. 59 ff.)

TABLE 2.0—INCOME STATEMENT
FOR CORPORATIONS INCLUDED IN ESIC MAJOR GROUPS 20 AND 21

	Food and Kindred Products [1]				
	3Q 1982	4Q 1982	1Q 1983	2Q 1983	3Q 1983
	(million dollars)				
Net sales, receipts and operating revenues	67,448	68,094	64,173	66,069	69,207
Less: Depreciation, depletion and amortization of property, plant and equipment	1,304	1,366	1,353	1,366	1,399
Less: All other operating costs and expenses, including costs of good sold and selling, general, and administrative expenses	62,794	63,283	59,961	61,329	64,177
Income (or loss) from operations	3,349	3,445	2,859	3,375	3,631
Net non-operating income (expense)	-212	237	-255	248	246
Income (or loss) before income taxes	3,137	3,682	2,604	3,623	3,878
Less: Provision for current and deferred domestic income taxes	1,292	1,220	1,116	1,399	1,470
Income (or loss) after income taxes	1,845	2,462	1,488	2,224	2,407
Cash dividends charged to retained earnings in current quarter	855	840	900	874	864
Net income retained in business	990	1,622	589	1,350	1,544
Retained earnings at beginning of quarter	49,150	49,879	50,997	51,369	52,028
Other direct credits (or charges) to retained earnings (net), including stock and other non-cash dividends, etc.	-156	-78	-181	-313	-632
Retained earnings at end of quarter	49,985	51,424	51,405	52,407	52,939
	(percent of net sales)				
INCOME STATEMENT IN RATIO FORMAT					
Net sales, receipts, and operating revenues	100.0	100.0	100.0	100.0	100.0
Less: Depreciation, depletion, and amortization of property, plant and equipment	1.9	2.0	2.1	2.1	2.0
Less: All other operating costs and expenses	93.1	92.9	93.4	92.8	92.7
Income (or loss) from operations	5.0	5.1	4.5	5.1	5.2
Non-operating income (expense)	-0.3	0.3	-0.4	0.4	0.4
Income (or loss) before income taxes	4.7	5.4	4.1	5.5	5.6
Less: Provision for current and deferred domestic income taxes	1.9	1.8	1.7	2.1	2.1
Income (or loss) after income taxes	2.7	3.6	2.3	3.4	3.5
	(percent)				
OPERATING RATIOS (see explanatory notes)					
Annual rate of profit on stockholders' equity at end of period:					
Before income taxes	19.56	22.20	15.59	21.40	22.41
After taxes	11.51	14.84	8.91	13.14	13.91
Annual rate of profit on total assets:					
Before income taxes	9.41	10.75	7.64	10.64	11.08
After taxes	5.53	7.19	4.37	6.53	6.88
BALANCE SHEET RATIOS (based on succeeding table)					
Total current assets to total current liabilities	1.55	1.59	1.61	1.65	1.63
Total cash, U.S. Government and other securities to total current liabilities	0.18	0.20	0.21	0.23	0.23
Total stockholders' equity to total debt	1.77	1.80	1.86	1.97	1.95

[1] During the first quarter of 1983, a considerable number of companies were reclassified by industry. To provide comparability, the four quarters of 1982 have been restated to reflect these reclassifications.

Other Related Statistics 5

Agriculture

Beginning with 1982, the census of agriculture was conducted concurrently with the economic censuses. Prior to 1982, the agriculture censuses generally were taken at 5-year intervals for years ending in "4" and "9," except for 1978, when the transition to the present schedule began. As a result of this change, census data now are available for the same time period on the Nation's food and fiber system, including agricultural production (agriculture), food processing (manufactures), and distribution (wholesale and retail trade). Similar relationships can be found for farm supplies and equipment.

The agriculture census is the only source of uniform agricultural data at the county level. The 1982 census includes farms and ranches in the 50 States, Puerto Rico, Guam, and the Virgin Islands.[1] The principal categories of data collected in the 50 States were the following (content varied elsewhere):

- acreage
- crops (type and quantity)
- livestock and poultry
- animal specialties
- amount received from Government Commodity Credit Corporation (CCC) loans
- amount received for machine work, customwork and other agricultural services provided for others
- nursery and greenhouse products
- value of sales
- land use
- irrigation
- type of organization
- operator characteristics
- use of fertilizers and chemicals
- selected production expenses
- machinery and equipment
- market value of land and buildings
- interest expense

1982 Census of Agriculture

- *Preliminary Reports,* AC82-A-01(P) to 56(P) * +. Approximately 3,100 separate reports, one for each county with 10 or more farms, each State, and a United States Summary (AC82-A-00(P)). These reports present highlights of selected data items, including principal crops and livestock.

  The final data are published in two series:
- Vol. 1, *Geographic Area Series, State and County Data,* AC82-A-1 to 54 * +.[2] A separate report for each of the 50 States, the United States, Puerto Rico, Guam, and the Virgin Islands. Each of the State reports

[1] Agricultural data were collected in American Samoa and the Northern Mariana Islands in connection with the 1980 Census of Population and were published in the 1978 Census of Agriculture report series.

[2] County-level data tapes from Customer Services; State-level and cross-tabulated data tapes from Agriculture Division, Bureau of the Census, Washington, D. C. 20233, telephone (301) 763-5230.

TABLE FROM 1982 CENSUS OF AGRICULTURE, PRELIMINARY REPORT, SERIES AC82-A(P)

Table 2. Selected Summary Items: 1982 and 1978

All farms		1982	1978
Market value of agricultural products sold	$1,000	73 463	60 130
Average per farm	dollars	72 807	59 891
Crops, including nursery and greenhouse products	$1,000	41 335	37 741
Grains	$1,000	23 940	21 151
Cotton and cottonseed	$1,000	-	-
Tobacco	$1,000	-	-
Hay, silage, and field seeds	$1,000	240	287
Vegetables, sweet corn, and melons	$1,000	8 767	9 339
Fruits, nuts, and berries	$1,000	(D)	856
Nurs[illegible] greenhouse prod[illegible]	$1,000	1 147	1 449
[illegible]	[illegible]	[illegible]	4 65[illegible]

All farms	1982	1978
Operators by principal occupation and residence:		
Farming	598	607
Residence on farm operated	474	495
Residence not on farm operated	70	64
Other than farming	411	397
Residence on farm operated	281	277
Residence not on farm operated	78	75
Operators by age group:		
Under 25 years	54	35
[illegible] 34 years	[illegible]	[illegible]

contains detailed tables at the State and county levels, with certain data organized by subject and some by four-digit SIC industry code. Final reports may be obtained on microfiche (series AC82-A(MF)) ▦ * for individual counties with 10 or more farms, in the same format as the preliminary reports (see above).

- Vol. 2, *Subject Series*, AC82-SS-1 to 3 📖 ▦ * includes a graphic summary, coverage evaluation, and a ranking of States and counties.

Current Agriculture Statistics

The Census Bureau also publishes biweekly and monthly data on cotton ginnings during the season, by States and counties, as well as an annual report (series A10, A20, and A30) 📖 ▦ *+. These statistics can be related to others in the Current Industrial Reports series (see textile mill products, p. 40) for cotton in subsequent stages of processing and to cotton exports in annual Foreign Trade series (see p. 62).

TABLE FROM 1982 CENSUS OF AGRICULTURE, VOLUME 1, U.S. SUMMARY, SERIES AC82-A

Table 1. Farms, Land in Farms, and Land Use: 1982 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text]

All farms	1982	1978	1974	1969	1964	1959	1954	1950
FARMS AND LAND IN FARMS								
Farms ..... number								
Land in farms ..... acres								
Average size of farm ..... acres								
Approximate land area ..... acres								
Proportion in farms ..... percent	E1	E1	E1	E1	E1	E1	E1	E1
Value of land and buildings[1]:								
Average per farm ..... dollars								
Average per acre ..... dollars								
Farms by value of land and buildings:								
$1 to $9,999								
$10,000 to $19,999								
$20,000 to $39,999								
$40,000 to $69,999								
$70,000 to $99,999								
$100,000 to $149,999								
$150,000 to $199,999								
$200,000 to $499,999								
$500,000 to $999,999								
$1,000,000 or more								
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms								
acres								
Harvested cropland ..... farms								
acres								
Farms by acres harvested:								
1 to 49 acres								
1 to 9 acres								

SAMPLE

MAP FROM VOLUME 2, GRAPHIC SUMMARY (1978)

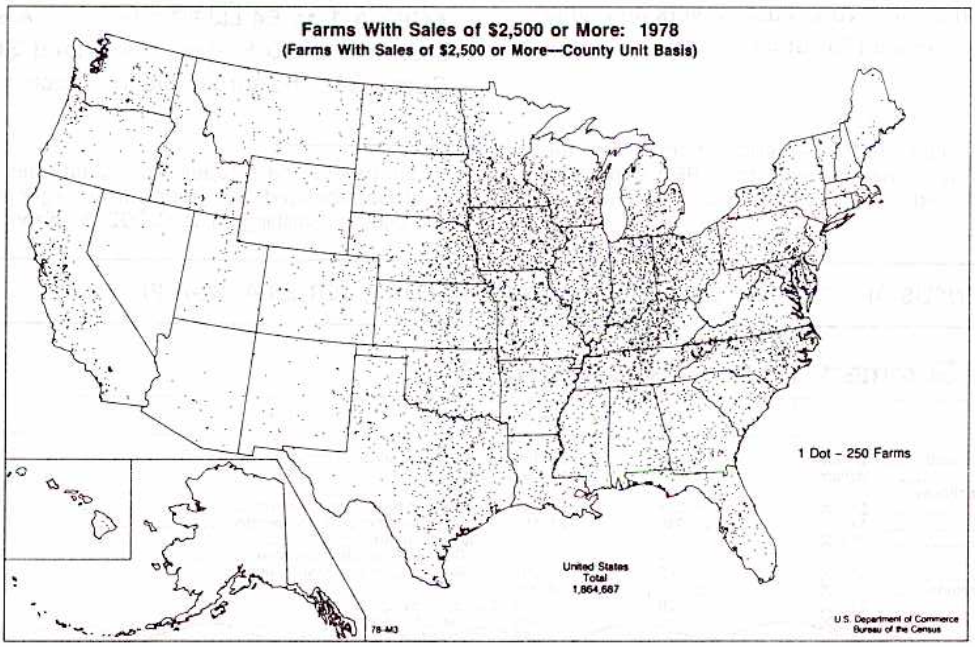


TABLE FROM COTTON GINNINGS IN THE UNITED STATES, SERIES A30

Table 2. Production and Ginnings of Cotton, by States: 1979 to 1982

State and year of growth	Production (running bales)[1]	Cotton ginned (exclusive of linters): Running bales	Cotton ginned (exclusive of linters): Equivalent 480-pound net weight bales	Percent of total ginned[2]	Rank of State according to ginnings	Rank of State according to production	Number of gins: Active	Number of gins: Idle	Average net weight of bale (pounds)
United States.....1982..	11,526,035	11,526,035	11,940,485	100.0	(X)	(X)	2,000	395	497.3
1981..	15,150,260	15,150,260	15,627,452	100.0	(X)	(X)	2,189	308	495.1
1980..	10,826,242	10,826,242	11,117,129	100.0	(X)	(X)	2,254	328	492.9
1979..	14,261,922	14,261,922	14,620,077	100.0	(X)	(X)	2,336	342	492.1
Alabama.....1982..	437,843	439,100	459,426	3.8	7	7	96	25	502.2
1981..	401,022	400,737	420,814	2.7	8	8	107	16	504.0
1980..	265,108	264,423	272,984	2.5	7	7	110	15	495.5
1979..	311,619	310,044	322,024	2.2	8	8	112	21	498.5
[illegible]ona.....	1,129[illegible]	1,106,390	1,136,150	9.5	4	[illegible]	[illegible]	[illegible]	492.9

Foreign Trade

Export and import statistics are compiled in accordance with commodity classifications in *Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States* and *Tariff Schedules of the United States Annotated (TSUSA),* respectively. These classifications and their data are rearranged and summarized into SIC-based export and import product codes in two reports, FT 610 and FT 210 (see "Annual Reports" below).

The foreign trade statistics record the physical movement of merchandise from and to U.S. foreign trade zones, the U.S. Customs territory (the 50 States, the District of Columbia, and Puerto Rico), and the U.S. Virgin Islands, whether or not a commercial transaction is involved. They exclude shipments from and to outlying U.S. possessions such as Guam and American Samoa. Statistics are published separately (see report FT 800 below) on trade among the United States, Puerto Rico, the U.S. Virgin Islands, and other U.S. possessions.

The export data exclude the following items: certain shipments made by the Federal Government; monetary gold and issued coins; merchandise shipped in transit through the United States from one foreign country to another; fuel for use on departing vessels, planes, or other carriers engaged in foreign trade (reported separately, see FT 810 series below); and electrical energy. The figures do include foreign aid, military sales, and agricultural assistance commodities; intracompany shipments; and U.S. vessels sold to purchasers in foreign countries. The import data exclude shipments of monetary gold and issued coins and of U.S. merchandise returned by the U.S. Armed Forces for their own use.

Monthly and annual export and import reports are prepared in terms of commodity, country of destination/origin, U.S. Customs district, and method of transportation. The following data are presented: Net quantity (where applicable); free alongside ship (f.a.s.) value for exports and customs value and cost, insurance, and freight (c.i.f.) value for imports, for

TABLE FROM U.S. EXPORTS—DOMESTIC MERCHANDISE . . . , SERIES FT610

Table 1. SIC-Based Product Code by World Area

[See "Explanation of Statistics" for information on coverage, security restrictions, sources of error in the data, and related matters. SIC-based product codes which include Special Category shipments, if any, are identified with an asterisk(*). For the asterisked commodities, Special Category shipments are not included in the SIC-based product code by area totals, but are combined and designated "ALL AREAS SPECIAL CATEGORY" and shown at the end of the list of areas for the asterisked commodity).

SIC-based export product code	Commodity and world area of destination	Unit of quantity	Net quantity	Value (dollars)
	GRAND TOTAL			**207 157 641 043**
011100 00	**WHEAT, UNMILLED**	**BU**	1 498 408 127	6 675 574 797
	WESTERN HEMISPHERE		276 776 312	1 261 501 314
	20 LATIN AMERICAN REPUBLICS		267 945 123	1 221 527 921
	CENTRAL AMERICAN COMMON MARKET		13 514 040	60 783 646
	LATIN AMERICAN FREE TRADE ASSOCIATION		242 451 227	1 106 765 091
	OTHER LATIN AMERICAN REPUBLICS		11 979 856	53 979 184
	OTHER WESTERN HEMISPHERE		8 831 189	39 973 393
	WESTERN EUROPE		117 634 548	521 266 019
	ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT		-	3 784 237 986
	EUROPEAN ECONOMIC COMMUNITY		-	2 803 108 234
	UNITED KINGDOM		-	152 626 196
	FEDERAL REPUBLIC OF GERMANY		-	507 479 027
	OTHER EEC COUNTRIES		-	2 143 003 011
	OTHER OECD COUNTRIES		-	981 129 752
	OTHER WESTERN EUROPE		-	44 877 241
	COMMUNIST AREAS IN EUROPE		-	256 014 921
	ASIA			1 730 989 [illegible]

all methods of transportation combined; shipping weight and value for vessel and air components; and commodity totals, both unadjusted and adjusted for seasonal and working-day variation. In addition, there are supplemental reports for vessel shipments, showing dollar value and shipping weight in terms of U.S. and foreign ports of loading/unloading, commodity, country of destination/origin, and flag of vessel.

The Federal Government uses the foreign trade data in developing merchandise trade figures in balance-of-payments accounts, in appraising and analyzing major movements and trends in international trade, and in implementing operations under various international agreements. Nongovernment users in industry, finance, transportation, and other fields, and in research institutions use the statistics in appraisals of the general trade situation and outlook, in share-of-the-market analyses and market penetration studies, in product and market development, and for measuring the impact of competition.

Summary Reports

- FT 810 *Bunker Fuels* 📖 * ▦ +. Oil and coal laden in the United States on vessels engaged in foreign trade. Monthly and annual.
- FT 990 *Highlights of U.S. Export and Import Trade* 📖 * ▦ +. Monthly.

The following four reports are available as a subcription package:

- FT 900 *Summary of Export and Import Merchandise Trade* 📖 * ▦ +. Monthly.
- FT 975 *Vessel Entrances and Clearances* 📖 * ▦ +. Number and tonnage, flag, district, and port. Annual.
- FT 985 *U.S.Waterborne Exports and General Imports* 📖 * ▦ +. Monthly, annual.
- FT 986 *U.S. Airborne Exports and General Imports* 📖 * ▦ +. Monthly, annual.

Detailed Reports

- FT *130 General Imports of Cotton, Wool, and Manmade Fiber Manufactures* 📖 * ▦ +. Current month and cumulative from preceding year to date. Monthly.
- FT 135 *U.S. General Imports—Schedule A—Commodity by Country* 📖 * ▦ + ⊛ .[2] Customs, f.a.s., and c.i.f. values. Monthly, cumulative to annual.
- FT 410 *U.S. Exports—Schedule E—Commodity by Country* 📖 * ▦ ⊛ +. Monthly, cumulative to annual.
- FT 800 *U.S. Trade—Puerto Rico and U.S. Possessions* 📖 * ▦⊛+. Monthly and annual issues.

Annual Reports

- FT 150 *U.S. General Imports—Commodity Groupings by World Area* 📖 * ▦ +.
- FT 155 *U.S. General Imports—World Area by Commodity Groupings* 📖 * ▦ +.
- FT 210 *U.S. Imports—Consumption and General, SIC-Based Products by World Areas* 📖 * ▦ +.
- FT 246 *U.S. Imports for Consumption—TSUSA Commodity by Country of Origin* 📖 * ▦ +.
- FT 446 *U.S. Exports—Schedule B—Commodity by Country* 📖 * ▦ +.
- FT 450 *U.S. Exports—Commodity Groupings by World Area* 📖 * ▦ +.
- FT 455 *U.S. Exports—World Area by Commodity Groupings* 📖 * ▦ +.
- FT 610 *U.S. Exports—Domestic Merchandise, SIC-Based Products by World Areas* 📖 * ▦ +.

A wide variety of monthly and annual tabulations on exports, imports, and shipping in different arrangements and in greater detail than appear in the printed reports are available on tape, microfilm, or computer printout, either singly or on a subscription basis.[3]

The *Guide to Foreign Trade Statistics—1983* 📖 * contains further information.

[3] Available from Foreign Trade Division, Bureau of the Census.

TABLES FROM U.S. TRADE--PUERTO RICO AND U.S. POSSESSIONS, SERIES FT800

Table 3. **Shipments from Puerto Rico to the United States by Schedule B Commodity and Method of Transportation**—Continued

(See the Explanation of Statistics for information on coverage, definition of f.a.s. export value, and sources of error in the data)

Schedule B number	Commodity description	Unit of quantity	All methods of transportation		Vessel		Air	
			Net quantity	Value (dollars)	Shipping weight (1,000 pounds)	Value (dollars)	Shipping weight (1,000 pounds)	Value (dollars)
4754580	LUBE OILS NSPF EXCPT WHT MI	BBL	130722	7142195	39351	7142195	-	-
4756781	MIXTURES OF HYDRCRBNS, NSPF	-	-	427560	4067	427560	-	-
4868900	HERBICIDE PREP, NSPF	LB	210320	1962892	238	1962892	-	-
4925220	PARAFFIN WAX CRYS EX FUL REF	LB	7326235	1112761	7663	1112761	-	-
4926010	SYNTHETIC RESINS, PKG, ETC	LB	27763	358516	-	-	30	358516
4926555	SYNTHETIC RESIN ADHES, NSPF	LB	184984	672259	173	658284	19	13975
4926590	ADHESIVES, NSPF, EXC RTL SAL	LB	83080	716657	80	669968	7	46689
[illegible]	[illegible]	LB	155791	716650	[illegible]	[illegible]	[illegible]	-

Table 2. **Shipments from the United States to the Virgin Islands by Schedule B Commodity and Method of Transportation**

(See the Explanation of Statistics for information on coverage, definition of f.a.s. export value, and sources of error in the data)

Schedule B number	Commodity description	Unit of quantity	All methods of transportation		Vessel		Air	
			Net quantity	Value (dollars)	Shipping weight (1,000 pounds)	Value (dollars)	Shipping weight (1,000 pounds)	Value (dollars)
	VIRGIN ISLANDS TOTAL	-	-	77332378	180175	74801834	505	2227302
	SCHEDULE 1 TOTAL	-	-	5884193	19995	5762102	151	122091
1004160	CATTLE,DAIRY,BREEDING,MALE	NO	2	3330	2	3330	-	-
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	22	33670	20	33670	-	-
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	99221	122077	103	122077	-	-
1054160	CHICKEN PIECES,FRESH, ETC.	LB	13377	7357	14	7357	-	-
1061025	BEEF,CROSS,W/BONE,FRESH,ETC.	LB	169796	233188	167	221088	12	12100
1061060	BEEF,CROSS,W/O BONE,FRESH	LB	69346	95316	72	91316	1	4000
1062500	LAMB,CROSS,FRESH,CHILLED,ETC	LB	2919	3426	1	1666	2	1760
1064060	PORK,CROSS,NSPF,FRESH,ETC	LB	39707	57843	42	57843	-	-

Governments

Governments at all levels purchase goods and services (and in some cases engage in manufacturing; see 1982 Census of Manufactures, *Subject Series*, p. 37 above), employ consumers, levy taxes, and invest in capital equipment and construction. Statistics on governments therefore are of interest to economic-data users.

The Census Bureau conducts a census of governments for the same years (those ending in "2" and "7") as the economic censuses; the principal types of governments covered are Federal, State, county, municipal, township, school district (dependent and independent), and special district. The District of Columbia, Puerto Rico, Guam, and the Virgin Islands are also included in this statistical program. The four major subject fields are covered in four volumes:

- *Governmental Organization,* GC82-1, 📖 ▦ *. Detailed data on governmental units and public school systems as of the beginning of 1982 for the United States, individual States, and SMSA's. Shows county, municipal, and township governments by type and population size; school systems by enrollment, area served, grades provided, and number of schools operated; and special districts by services performed. A list of all local governmental units identified in the census (approximately 82,000), by name and address, is available ⊛ +.
- *Taxable Property Values and Assessment-Sales Price Ratios,* GC82-2 📖 ▦ *. Covers gross and net assessed valuation by various use categories and classes, measurable sales, assessment-sales price ratios from the national down to local levels. Provides numbers of locally assessed taxable real properties and nominal and effective tax rates for counties and individual governments.
- *Government Employment,* GC82-3 📖 ▦ * ⊛ +. Part 1, *Employment in Major Local Governments,* provides employment, payroll, and average earnings as of October 1982. Part 2, *Compendium of Public Employment,* contains aggregated data on Federal, State, and local government employment, by State, function, and type of government. Local data also are presented by county area and government-size group. Summary and State-by-State statistics are shown on employee coverage by retirement, health, hospital or disability, and life insurance plans. Part 3, *Labor-Management Relations in State and Local Governments,* reports on labor relations policies, numbers of employees who belong to bargaining units, agreements, and work stoppages by type of government, issues, and method of resolution.
- *Government Finances,* GC82-4, 📖 ▦ * ⊛ +. Detailed data for fiscal year 1981-82 on revenue and expenditures, by function; indebtedness and debt transactions; and cash and security holdings. The parts are 1, *Finances of School Districts;* 2, *Finances of Special Districts;* 3, *Finances of County Governments;* 4, *Finances of Municipalities and Township Governments;* and 5, *Compendium of Government Finances* (summary with derivative statistics).

The basic data are presented in different ways in two other volumes: *Local Government in Metropolitan Areas,* GC82-5, 📖 ▦ *, and *Topical Studies,* GC82-6, 📖 ▦ *.

Several annual or quarterly surveys provide intercensal estimates for the principal subjects covered by the census volumes. The survey series are:

- *Government Employment,* GE 📖 ▦ ⊛+ (annual)
- *Government Finance Reports,* GF 📖 ▦ ⊛ + (annual)
- *Finances of Selected Public Employee Retirement Systems,* GR 📖 (quarterly; subscription*, single copies+) ▦ +
- *Quarterly Summary of State and Local Tax Revenue,* GT 📖 (subscription*, single copies+) ▦ +

TABLE FROM GOVERNMENT EMPLOYMENT, SERIES GE

Table 12. **Full-Time Equivalent Employment of State and Local Governments Per 10,000 Population, by Function and by States: October 1982**

State	All functions	Education								Functions other than education		
		Total	Higher education			Elementary and secondary education			Other education (State)	Total	Libraries (local)	Public welfare
			Total	Instructional employees	Other employees	Total	Instructional employees	Other employees				
UNITED STATES, TOTAL.	467.7	225.2	49.9	18.4	31.5	171.4	118.8	52.6	3.9	242.5	2.8	16.1
ALABAMA.	481.3	225.9	52.6	18.9	33.7	163.6	114.1	49.5	9.7	255.4	1.4	11.8
ALASKA	820.0	339.5	68.3	32.5	35.8	262.0	177.6	84.4	9.2	480.5	4.3	23.0
ARIZONA.	471.6	254.7	75.0	33.6	41.4	171.2	113.0	58.2	8.5	216.8	2.6	10.4
ARKANSAS	452.6	242.6	48.9	15.9	32.9	183.6	127.6	56.0	10.1	210.0	1.4	10.0
CALIFORNIA	443.9	200.4	52.3	19.0	33.4	146.2	98.9	47.2	1.9	243.5	3.6	14.0
COLORADO	490.4	251.1	64.5	30.0	34.5	183.8	124.4	59.4	2.7	239.4	3.3	13.1
CONNECTICUT.	437.2	217.4	31.9	13.1	18.8	177.9	135.0	42.9	7.5	219.8	3.8	9.9
DELAWARE	520.9	259.1	87.5	38.6	49.0	167.5	117.8	49.8	4.1	261.8	.9	10.1
DISTRICT OF COLUMBIA . . .	730.1	190.8	26.5	10.2	16.3	164.3	92.1	72.2	-	539.2	6.0	36.3
FLORIDA	448.7	[illegible]	37.9	13.5	24.4	155.7	105.5	50.2	2.3	252.8	2.5	9.6

- *State and Local Government Special Studies,* GSS ☐ ▦ + (topics vary)

Two other reports in the governments area are of interest to some economic-data users:

- *Federal Expenditures by State for Fiscal Year* [year] ☐ ▦ * ⊛ +. Annual reports covering, by State or territory, such items as grants to State and local governments, salaries and wages, procurement, direct payments to individuals, and certain other major programs (such as agricultural stabilization) for which figures are available geographically. Per capita and percentage distributions of expenditures by State and territory are included. The data are collected from Federal departments and agencies.
- *Federal Assistance Award Data System* ⊛ +. Quarterly data by State, county, and place on Federal domestic financial assistance programs, including grants and payments to State and local governments; direct, guaranteed and insured loans to individuals, small businesses, and other qualified recipients; direct payments for a specified use, such as subsidies, or for unrestricted use, such as pensions or veterans' benefits (reported primarily at the county level); and insurance or other types of financial assistance.

TABLE FROM GOVERNMENT FINANCE REPORTS, SERIES GF, NO. 4 (CITY GOVERNMENTS)

Table 6. **Per Capita Amounts of Financial Items for Individual City and Selected Urban Town and Township Governments Having 50,000 Population or More: 1981-82**—Continued

Item	New York--Continued						North Carolina	
	Rochester	Schenectady	Syracuse	Troy	Utica	Yonkers	Asheville	Charlotte
REVENUE, TOTAL.	1 431.42	489.16	1 118.13	444.12	494.58	1 081.36	822.85	557.45
GENERAL REVENUE	1 369.80	446.29	1 090.10	396.98	443.85	1 041.43	544.28	495.19
INTERGOVERNMENTAL REVENUE	751.79	170.41	701.32	174.56	207.04	332.27	230.71	110.66
FROM STATE GOVERNMENT	373.42	159.26	337.94	156.31	99.72	250.58	56.34	59.30
FROM FEDERAL GOVERNMENT	168.16	10.42	194.44	16.51	106.15	81.00	89.02	40.77
TAXES	457.41	215.84	261.14	165.65	169.27	612.34	180.17	237.07
PROPERTY.	413.26	178.35	247.90	111.23	157.83	407.51	159.86	194.68
OTHER	44.15	37.49	13.24	54.42	11.44	204.83	20.30	42.40
CHARGES AND MISCELLANEOUS	160.60	60.04	127.54	56.76	67.54	96.82	133.40	147.45
EXPENDITURE, TOTAL.	1 377.16	612.06	1 328.77	521.22	540.00	1 067.06	764.51	546.12
GENERAL EXPENDITURE, TOTAL.	1 320.79	586.79	1 294.62	474.91	480.31	1 048.76	467.31	461.46
CURRENT OPERATION	1 057.15	376.38	1 019.36	337.53	336.83	927.07	384.26	332.24
GENERAL EXPENDITURE, SELECTED ITEMS:								
EDUCATION	585.15	-	532.49	-	-	448.16	-	-
LIBRARIES	31.[illegible]	-	[illegible]	2.82	3.27	15.12	-	.05
WELFARE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2. Federal Government Grants to State and Local Governments by Agency and for Selected Programs by State and Territory: Fiscal Year 1983

(Thousands of dollars)

State and territory	Total	Department of Agriculture								
		Total	Agricultural Marketing Service		Commodity Credit Corporation--price supports and related programs	Cooperative State Research Service--agriculture experiment stations	Extension Service--extension activities	Farmers Home Administration		
			Cooperative projects in marketing	Funds for strengthening markets, income, and supply				Mutual and self-help housing	Rural community fire protection	Rural development
UNITED STATES, TOTAL. . .	92 711 695	8 739 915	1 000	541 440	1 373 000	184 266	338 031	6 906	1 881	3 586
ALABAMA	1 469 539	191 731	-	4 493	32 458	6 418	9 921	-	21	169
ALASKA.	540 720	24 061	29	40	3 357	1 179	1 158	-	70	-
ARIZONA	844 994	104 244	-	2 052	13 417	1 999	1 244	351	31	125
ARKANSAS.	901 417	121 073	-	20 400	17 614	4 408	8 100	373	2	-
CALIFORNIA.	9 205 482	675 596	101	46 409	103 460	4 888	10 923	2 203	-	79
COLORADO.	1 058 269	94 284	-	25 469	15 438	2 606	3 729	408	50	-
CONNECTICUT	1 190 471	79 211	22	3 318	13 051	1 722	2 455	106	23	118
DE[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]

Population and Housing

There are censuses of population and housing every 10 years (those ending in "0") that provide detailed demographic and economic information about this country's inhabitants and their living quarters. The 1980 Census of Population and Housing offers statistics for the United States and its regions and divisions, the 50 States, the District of Columbia, Puerto Rico, Guam, the Virgin Islands, American Samoa, the Northern Marianas, and the remainder of the Trust Territory of the Pacific Islands. Within the United States and Puerto Rico, data are published for SCSA's, SMSA's, counties, county subdivisions, places, and various other political and statistical areas down to the size of a city block. Many details of interest to economic-data users, especially estimates derived from the sample population and housing items in figure 12 below, appear for census tracts (statistical subdivisions of counties, averaging 4,000 population, mainly in metropolitan areas) as well as for larger areas that parallel the ones used in the economic censuses.

The Bureau also has a variety of survey and projection programs, many of which are sponsored by other Federal agencies, such as the Bureau of Labor Statistics (employment, consumer expenditures), the Treasury Department (population, per capita income, and tax effort for revenue-sharing purposes), and the Department of Housing and Urban Development (the annual housing survey), to name but a few. The results augment or supplement the decennial census data, making it possible, as in the economic area, to measure and forecast trends at national and some subnational levels.

The following list of final report series represents the scope of the 1980 census and current survey publications. Detail varies by series according to subject and geographic coverage; for specifications, see the Bureau *Catalog* 📖* or inquire as suggested in section 7, "Obtaining the Data." Some series were not published when this guide was issued.

Population—1980 Census

- *Number of Inhabitants,* series PC80-1-A 📖*. Presents population counts for all States, counties, county subdivisions, places, SCSA's, SMSA's, and urbanized areas. Some counts are by urban/rural residence.
- *General Population Characteristics,* series PC80-1-B 📖*. Contains complete-count data (see fig. 12) for various geographic levels, from the State down to places with populations of 1,000 or more.
- *General Social and Economic Characteristics,* series PC80-1C 📖* down to places of 2,500 or more inhabitants, and *Detailed Characteristics,* series PC80-1-D 📖* for States and for SMSA's of 250,000 or more inhabitants, provide estimates for those subjects collected on a sample basis (such as industry, occupation, commuting, income, etc.), some of them cross-tabulated by age, race, and other characteristics.
- *Subject Reports,* series PC80-2 📖*. Detailed estimates on characteristics such as ethnic origin, education, income, and occupation, principally at the national level.
- *Supplementary Reports,* series PC80-S 📖*. Miscellaneous data, such as a special publication on occupation by race, Spanish origin, and ancestry, of special use in assessing equal employment opportunity.

FIGURE 12. 1980 CENSUS DATA

100-percent population items

* Household relationship
Sex
Race
Age
Marital status
* Spanish/Hispanic origin or descent

Sample population items

School enrollment
Education attainment
State or foreign country of birth
Citizenship and year of immigration
** Current language and English proficiency
** Ancestry
Place of residence 5 years ago
Activity 5 years ago
Veteran status and period of service
* Presence of disability or handicap
Children ever born
Marital history
Employment status last week
Hours worked last week
Place of work
** Travel time to work
* Means of transportation to work
** Persons in carpool
Year last worked
Industry
Occupation
Class of worker
* Work in 1979 and weeks looking for work in 1979
* Amount of income by source in 1979

100-percent housing items

Number of housing units at address
* Complete plumbing facilities
Number of rooms in unit
Tenure (whether the unit is owned or rented)
* Condominium identification
Value of home (for owner-occupied units and condominiums)
Rent (for renter-occupied units)
Vacant for rent, for sale, etc., and period of vacancy

Sample housing items

Number of units in structure
Stories in building and presence of elevator
Year unit built
* Year moved into this house
Source of water
Sewage disposal
Heating equipment
Fuels used for home heating, water heating, and cooking
* Costs of utilities and fuels
Complete kitchen facilities
Number of bedrooms and bathrooms
Telephone
Air conditioning
Number of automobilies
** Number of light trucks and vans
** Homeowner shelter costs for mortgage, real estate taxes, and hazard insurance

*Changed relative to 1970
**New item for 1980

Derived items (illustrative examples)

Families
Family type and size
Family income
Poverty status
Population density
Household size
Persons per room ("overcrowding")
Institutions and other group quarters
Gross rent
Farm residence

Housing—1980 Census

- *General Housing Characteristics,* series HC80-1-A 📖 *. Data for the complete-count housing items (see fig. 12) tabulated from the State level down to places of 1,000 inhabitants and includes some cross-tabulations by the occupants' race or Spanish origin.
- *Detailed Housing Characteristics,* series HC80-1-B 📖 *. Estimates for the sample items, tabulated down to the level of places with 2,500 inhabitants.
- *Metropolitan Housing Characteristics,* series HC80-2 📖 *. Most of the subjects in considerable detail and cross-tabulation, with separate reports for each SMSA as well as each State.
- *Subject Reports,* series HC80-3 📖 *. Data on such topics as mobile homes and housing for the older population.
- *Supplementary Reports,* series HC80-S 📖 *. Miscellaneous data, such as advance estimates of national characteristics; and State and county vacancy rates, housing value and rent, plumbing facilities, tenure, etc.
- *Components of Inventory Change,* series HC80-4 📖. Estimates on the characteristics of the changes (such as conversions to more units, mergers to fewer units, from nonresidential use, demolitions or disaster losses, etc.) that occurred in the housing inventory between 1973 and 1980. Data are for the United States, its four regions, inside and outside SMSA's, inside and outside central cities, and size groupings of SMSA's.
- *Residential Finance,* series HC80-5 📖 *. Estimates on the financing of nonfarm homeowner and rental properties, as well as the characteristics of mortgages, properties, and owners. Geographic coverage is the same as for HC80-4

Table 178. **Industry of Employed Persons for Counties: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning

Counties	Cleburne	Cleveland
Employed persons 16 years and over	**5 462**	**2 697**
Agriculture	324	96
Forestry and fisheries	27	24
Mining	13	7
Construction	724	310
Manufacturing	1 380	913
Nondurable goods	539	292
Food and kindred products	168	38
Textile mill and finished textile products	144	126
Printing, publishing, and allied industries	51	12
Chemicals and allied products	11	–
Durable goods	841	621
Furniture, lumber, and wood products	191	397
Primary metal industries	–	42
Fabricated metal industries, including ordnance	61	18
Machinery, except electrical	385	25
Electrical machinery, equipment, and supplies	9	104
Transportation equipment	87	12
Transportation, communications, and other public utilities	281	364
Railroads	–	124
Trucking service and warehousing	98	68
Other transportation	83	53
Communications	46	31
Utilities and sanitary services	54	88
Wholesale trade	86	50
Retail trade	988	270
General merchandise stores	124	50
Food, bakery, and dairy stores	196	86
[illegible] stations	[illegible]	[illegible]

Table 185. **Occupation of Employed Persons by Race and Spanish Origin for Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Craighead		
	Race		
	White	Black	Spanish origin[1]
Employed persons 16 years and over	**26 451**	**895**	**81**
Managerial and professional specialty occupations	4 987	89	12
Executive, administrative, and managerial occupations	2 344	18	–
Officials and administrators, public administration	118	–	–
Management related occupations	467	7	–
Professional specialty occupations	2 643	71	12
Engineers and natural scientists	233	6	–
Engineers	151	–	–
Health diagnosing occupations	145	–	–
Health assessment and treating occupations	341	11	–
Teachers, librarians, and counselors	1 382	42	7
Teachers, elementary and secondary schools	936	26	7
Technical, sales, and administrative support occupations	7 369	173	–
Health technologists and technicians	299	30	–
Technologists and technicians, except health	225	7	–
Sales occupations	2 937	22	–
Supervisors and proprietors, sales occupations	540	–	–
Sales representatives, commodities and finance	803	–	–
Other sales occupations	1 594	22	–
Cashiers	501	13	–
Administrative support occupations, including clerical	3 908	114	–
Computer equipment operators	93	–	–
Secretaries, stenographers, and typists	1 141	17	–
Financial records processing occupations	561	14	–
[illegible] message distributors	83	–	–

above, except that groupings are by size of place rather than by size of SMSA.

Population and Housing—1980 Census

- *Block Statistics,* series PHC80-1 ▦ *. Selected complete-count data by census block for all areas in which the statistics were tabulated by block.
- *Census Tracts,* series PHC80-2 📖 *. Complete-count and sample data for most of the 1980 population and housing subjects for census tracts in all areas in which statistics were tabulated by tract.
- *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas,* series PHC80-3 📖 *. Selected complete-count and sample population and housing data for each of some 40,000 general-purpose governments in the United States.
- *Congressional Districts of the 98th Congress,* series PHC80-4 📖 *. Complete-count and sample data on the characteristics of persons and housing units by congressional district.
- *Supplementary Reports,* series PHC80-S 📖 *. Miscellaneous data such as advance estimates of population and housing characteristics.
- *Summary Tape Files (STF's)* ⊕ +. Virtually all of the population and housing census data also appear on computer tapes, in considerably greater detail than in the printed reports, and for small geographic areas for which no data are available in print. Most STF's are issued by State, although there also are some consolidated national files.
- *Microfiche of STF's 1 and 3* ▦ +. Two of the STF's are displayed on microfiche for users who need these data (unavailable in report form) but who prefer not to deal with them in computer-readable form. The microfiche cover areas as small as block groups or enumeration districts but are sold in county or State units.
- *Master Area Reference File (MARF)* ⊕ +. Identifies by numeric code and name the various geographic and statistical areas from the State to the enumeration-district levels, together with basic counts—population (by race and Spanish origin) and housing (occupied and vacant)—from the 1980 census. The MARF is useful as a code list, as an inventory of the geographic components of each higher-level area, and as an abbreviated summary tape file.
- *Equal Employment Opportunity (EEO) File* ⊕ ▦ +. Displays race/Spanish origin and sex for the civilian labor force by approximately 500 detailed occupation categories, also race/Spanish origin and sex by education and age, for counties and places of 50,000 or more inhabitants.

There also are public-use microdata files ⊕ + that reproduce a sample of census or population survey returns,

Table H-7. **Structural, Equipment, and Household Characteristics of Housing Units: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Census Tracts	Remainder of Missoula County—Con.										Totals for split tracts in Missoula County		
	Tract 0004[p]	Tract 0005[p]	Tract 0006[p]	Tract 0009[p]	Tract 0010[p]	Tract 0013[p]	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0001	Tract 0002.01	Tract 0002.02
Year-round housing units	**699**	**-**	**502**	**119**	**12**	**1 938**	**1 810**	**1 657**	**1 300**	**764**	**1 833**	**2 286**	**1 190**
SELECTED CHARACTERISTICS													
Complete kitchen facilities	690	-	495	119	9	1 900	1 804	1 646	1 214	695	1 833	2 258	1 185
1 complete bathroom plus half bath(s)	80	-	18	-	-	446	184	209	107	88	364	74	157
2 or more complete bathrooms	121	-	-	72	-	982	604	667	459	188	709	174	317
Air conditioning	134	-	12	29	4	206	319	181	163	41	154	389	370
Central system	53	-	-	16	-	113	89	108	107	12	70	147	166
Source of water, public system or private company	628	-	502	-	12	1 541	150	755	195	302	1 748	2 243	314
Sewage disposal, public sewer	100	-	502	3	4	242	51	753	40	21	735	2 159	314
UNITS IN STRUCTURE													
1, detached or attached	405	-	433	82	3	1 781	1 158	1 089	784	539	1 334	991	380
2	15	-	-	6	-	50	44	35	17	-	256	288	8
3 and 4	40	-	16	-	-	77	14	29	14	5	70	278	6
5 to 9	20	-	7	-	-	27	28	10	13	12	-	53	-
10 to 49	-	-	6	-	-	-	-	77	-	-	156	80	12
50 or more	-	-	40	-	-	-	-	-	-	9	-	8	-
Mobile home or trailer, etc.	219	-		31	9	[illegible]	566	[illegible]	472	199	17	588	-

where only individual identification has been removed and other information has been reduced to avoid disclosure of confidential material.

The *1980 Census of Population and Housing: Users' Guide,* PHC80-R1 📖 *, consists of a text and several supplements, including a glossary and table-finding guides.

The population and housing census reports contain appropriate maps, and maps for use with microfiche or computer tapes are available separately+.

Population—Current Statistics

- *Population Characteristics,* series P-20 📖 * ▦ ⊛ +. Offers approximately 15 reports each year, many dealing with such recurring topics as school enrollment, fertility, mobility, and voting.
- *Special Studies,* series P-23 📖 * ▦ ⊛ +. Comprises several reports issued each year on such subjects as youth, the aging, female family heads, and travel to work, and from more detailed analytical studies.
- *Population Estimates and Projections,* series P-25 📖 * ▦ ⊛ +. Includes monthly estimates of the U.S. population, projections, and annual estimates by age and components of change (births, deaths, and net migration); annual estimates of State populations by age group and components of change; and periodic population and per capita income estimates for States, counties, governmentally active minor civil divisions, and incorporated places. The *Federal-State Cooperative Program for Population Estimates,* series P-26 📖 * ▦ ⊛ +, presents annual estimates of the population by county and metropolitan area.
- *Farm Population,* series P-27 📖 * ▦ ⊛ +. Annual reports on the number of persons living on U.S. farms, their ages and races, and selected characteristics of their employment.
- *Consumer Income,* series P-60 📖 * ▦ ⊛ +. Includes annual reports on money income and poverty status of families and persons cross-classified by a broad range of demographic and socioeconomic characteristics. Other reports cover the characteristics of persons receiving various nonmoney benefits, such as food stamps, medical care, public housing, and employer contributions for health and pension plans.

Housing—Current Statistics

- *Housing Vacancy Survey,* series H-111 📖 * ▦ +. Quarterly reports contain national and regional data on selected characteristics of vacant and occupied units and compare current vacancy rates with those for the same quarter of the previous year. Annual reports cover a wider range of characteristics.
- *Market Absorption of Apartments,* series H-130 📖 * ▦ +. Quarterly reports show what percentage of new rental apartments are absorbed nationally and regionally 3, 6, 9, and 12 months after completion, by such characteristics as monthly rent and number of bedrooms. Similar statistics are available for cooperative and condominium apartments, including asking price of the latter. Annual reports cover the same data but with information on facilities and services offered, such as parking, swimming pools, etc.
- *Annual Housing Survey,* series H-150 📖 * ▦ ⊛ +. Data from the national sample are currently issued in a series of six reports that provide up-to-date information on the size and composition of the housing inventory and related topics. The six reports (parts) are: A, *General Housing Characteristics*; B, *Indicators of Housing and Neighborhood Quality by Financial Characteristics*; C, *Financial Characteristics of the Housing Inventory*; D, *Housing Characteristics of Recent*

Movers; E, *Urban and Rural Housing Characteristics*; and F, *Energy-Related Housing Characteristics*. Data are shown for the Nation, the four geographic regions, the total of all metropolitan areas, by inside and outside central cities, and the total of areas outside metropolitan areas.

- *Annual Housing Survey*, series H-170 ▭ * ▦ ⊛ +. Contains data similar to those in the H-150 series parts A, B, C, D, and F above and are based on samples from 60 selected SMSA's, one-fourth of which are reported on each year. *Supplementary Reports*, series H-171 ▭ * ▦ +, presents summary housing and financial data from the H-170 series.

Beginning with the reports for 1984, this program is known as the American Housing Survey.

1980 CENSUS OF POPULATION AND HOUSING SUMMARY TAPE FILE 3A (MICROFICHE)

CENSUS OF POPULATION AND HOUSING, 1980--SUMMARY TAPE FILE 3A

(FOR DEFINITION OF ITEMS AND FOOTNOTES, SEE TECHNICAL DOCUMENTATION)

SUMMARY LEVEL: 16 STATE: ALABAMA COUNTY: CULLMAN MCD/CCD: BREMEN

PLACE: TRACT/BNA: BG: ED: 0143

URBAN/RURAL: 1 CD: 04 URBANIZED AREA: MARD: SMSA:

INDIAN RESERVATION/ANV: INDIAN SUBRESERVATION: SCSA:

62/63/64. PERSONS 16 YEARS AND OVER WITH UNEMPLOYMENT IN 1979 BY SEX BY RACE AND SPANISH ORIGIN AND MEAN WEEKS UNEMPLOYED [14]

	MALE	FEMALE
TOTAL	93	46
MEAN WEEKS UNEMPLOYED	13.1	13.2
WHITE	93	46
BLACK	-	-
AMERICAN INDIAN, ESKIMO, AND ALEUT	-	-
ASIAN AND PACIFIC ISLANDER [4]	-	-
SPANISH ORIGIN (OF ANY RACE)	-	-

65. EMPLOYED PERSONS 16 YEARS AND OVER BY INDUSTRY [42,45]

AGRICULTURE, FORESTRY, FISHERIES, AND MINING	153
CONSTRUCTION	55
MANUFACTURING:	
NONDURABLE GOODS	62
DURABLE GOODS	120
TRANSPORTATION	22
COMMUNICATIONS AND OTHER PUBLIC UTILITIES	20
WHOLESALE TRADE	41
RETAIL TRADE	91
FINANCE, INSURANCE, AND REAL ESTATE	6
BUSINESS AND REPAIR SERVICES	6
PERSONAL, ENTERTAINMENT, AND RECREATION SERVICES	16
PROFESSIONAL AND RELATED SERVICES:	
HEALTH SERVICES	23
EDUCATIONAL SERVICES	64
OTHER PROFESSIONAL AND RELATED SERVICES	12
PUBLIC ADMINISTRATION	34

73/74/77PT. FAMILIES BY FAMILY INCOME IN 1979

LESS THAN $2,500	6
$2,500 TO $4,999	40
$5,000 TO $7,499	59
$7,500 TO $9,999	44
$10,000 TO $12,499	48
$12,500 TO $14,999	62
$15,000 TO $17,499	50
$17,500 TO $19,999	44
$20,000 TO $22,499	33
$22,500 TO $24,999	39
$25,000 TO $27,499	35
$27,500 TO $29,999	16
$30,000 TO $34,999	24
$35,000 TO $39,999	10
$40,000 TO $49,999	31
$50,000 TO $74,999	11
$75,000 OR MORE	-
MEDIAN	$15850
MEAN	$18318

66. EMPLOYED PERSONS 16 YEARS AND OVER BY OCCUPATION [43,45]

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS:	
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	46
PROFESSIONAL SPECIALTY OCCUPATIONS	59
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS:	
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	17
SALES OCCUPATIONS	17
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	56
SERVICE OCCUPATIONS:	
PRIVATE HOUSEHOLD OCCUPATIONS	-
PROTECTIVE SERVICE OCCUPATIONS	16
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	43
FARMING, FORESTRY, AND FISHING OCCUPATIONS	75
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	169
OPERATORS, FABRICATORS, AND LABORERS:	
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	79
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	84
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	74

TABLE FROM CONSUMER INCOME, SERIES P-60

Table A. Comparison of Median Family Money Income in 1982 and 1981, by Selected Characteristics

Characteristic	Median family money income			Percent change in real money income
		1981		
	1982	Constant dollars	Current dollars	
All families	$23,433	$23,761	$22,388	*-1.4
RACE OF HOUSEHOLDER				
White	24,603	24,959	23,517	*-1.4
Black	13,599	14,079	13,267	-3.4
Spanish origin[1]	16,228	17,406	16,402	*-6.8
RESIDENCE				
Nonfarm	23,585	23,937	22,554	*-1.5
Farm	18,756	18,129	17,082	3.5
REGION				
Northeast	24,918	25,159	23,706	-1.0
North Central	24,219	24,535	23,118	-1.3
South	21,500	21,844	20,582	-1.6
West	24,624	25,337	23,873	*-2.8

TABLE FROM ANNUAL HOUSING SURVEY, SERIES H-150

TABLE A-1. CHARACTERISTICS OF THE HOUSING INVENTORY: 1981 AND 1970

(NUMBERS IN THOUSANDS. DATA BASED ON SAMPLE, SEE TEXT. FOR MINIMUM BASE FOR DERIVED FIGURES (PERCENT, MEDIAN, ETC.) AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES	TOTAL		INSIDE SMSA'S						OUTSIDE SMSA'S	
			TOTAL		IN CENTRAL CITIES		NOT IN CENTRAL CITIES			
	1981	1970	1981	1970	1981	1970	1981	1970	1981	1970
POPULATION IN HOUSING UNITS	227 632	NA	153 692	NA	63 122	NA	90 571	NA	73 940	NA
ALL HOUSING UNITS	91 561	68 672	60 928	46 289	26 575	22 608	34 353	23 681	30 633	22 383
VACANT--SEASONAL AND MIGRATORY	1 950	973	413	206	38	24	375	183	1 537	766
TENURE, RACE, AND VACANCY STATUS										
ALL YEAR-ROUND HOUSING UNITS	89 610	67 699	60 515	46 083	26 537	22 584	33 978	23 498	29 095	21 616
OCCUPIED UNITS	83 175	63 445	56 681	43 859	24 678	21 395	32 003	22 464	26 494	19 586
OWNER OCCUPIED	54 342	39 886	34 788	26 090	12 214	10 300	22 574	15 790	19 555	13 796
PERCENT OF ALL OCCUPIED	65.3	62.9	61.4	59.5	49.5	48.1	70.5	70.3	73.8	70.4
WHITE	49 629	37 005	31 353	24 041	10 001	8 850	21 352	15 191	18 276	12 964
BLACK	3 911	2 568	2 787	1 825	1 924	1 335	863	490	1 124	742
RENTER OCCUPIED	28 833	23 560	21 893	17 769	12 464	11 095	9 429	6 674	6 940	5 790
WHITE	22 762	19 601	16 818	14 574	8 589	8 392	8 229	6 182	5 944	5 027
BLACK	5 099	3 607	4 273	2 913	3 351	2 498	922	416	826	693
VACANT YEAR-ROUND UNITS	6 435	4 254	3 834	2 224	1 859	1 189	1 975	1 035	2 601	2 030
FOR SALE ONLY	812	501	489	298	169	130	320	168	323	203
HOMEOWNER VACANCY RATE	1.5	1.2	1.4	1.1	1.4	1.2	1.4	1.1	1.6	1.5
FOR RENT	1 634	1 666	1 157	1 142	710	745	448	397	477	524
RENTAL VACANCY RATE	5.3	6.6	5.0	6.0	5.3	6.3	4.5	5.6	6.3	8.3
RENTED OR SOLD, NOT OCCUPIED	854	345	602	190	245	86	357	104	252	155
FOR SEASONAL [illegible]	[illegible]	[illegible]	616	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	717

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- *County and City Data Book, 1983* 📖 * ▦ ⊛ +. Presents social and economic data from recent censuses and from other Government agencies and private sources. Provides statistics for every city with a population of 25,000 or more, as well as for metropolitan areas, States, and census regions and divisions. The CCDB serves as a convenient compendium of small-area data from each of the economic censuses, although 1977 statistics (1978 for agriculture) were the latest available at the time of publication. Data also can be ordered on 5¼-inch disks for use on microcomputers
- *State and Metropolitan Area Data Book, 1982* (a *Statistical Abstract* supplement) 📖 * ▦ ⊛ +. A variety of statistical information for States, census regions and divisions, and metropolitan areas from censuses and 60 other governmental and private agencies. The next edition, tentatively scheduled for 1985, will include data from the 1982 Economic Censuses.
- *Social Indicators III.* December 1980 📖 * ▦ +. A comprehensive graphic collection of data selected and organized to describe current social conditions and trends in the United States.

PORTION OF TABLE FROM STATE AND METROPOLITAN AREA DATA BOOK, 1982

Table A. Selected Service Industries, Bank Deposits, Veterans, and Elections

[SMSA = Standard Metropolitan Statistical Area, defined as of June 1981]

Metropolitan Areas and Components	Selected service industries, 1977–Con.							Bank deposits, June 1980[4]		Savings and loan associations,[6] savings capital, Sept. 1979	Living veterans, Sept. 30, 1979 (1,000)		Elections, 1980[8]	
	Receipts, selected kinds of business (Mil. dol.)					Establishments with payroll								
	Hotels, motels, trailering parks, and camps	Automotive repair, services, and garages[1]	Amusement and recreation services[2]	Personal services	Business services	Paid employees[3] (1,000)	Annual payroll (Mil. dol.)	Total (Mil. dol.)	Time[5] (Mil. dol.)	(Mil. dol.)	Total	Vietnam era[7]	Total vote cast for President (1,000)	Vote for leading party (Percent)
	307	308	309	310	311	312	313	314	315	316	317	318	319	320
U.S. total	18 452.7	21 575.7	21 143.2	18 433.5	54 500.4	6 337.3	56 055.0	1 269 222	765 300	451 696	29 829.0	8 809.0	86 515	R 50.7
Metropolitan areas:														
SMSA's (incl. N. Engl. SMSA's)†	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SMSA's (incl. N. Engl. NECMA's)‡	D	D	D	NA	NA	5 585.6	51 006.6	1 034 446	607 706	382 797	23 689.0	7 068.5	64 824	R 49.9
Nonmetropolitan areas	NA	NA	NA	NA	NA	751.6	5 048.3	234 775	157 594	68 900	6 140.0	1 740.5	21 691	R 53.2
SMSA's and COMPONENT COUNTIES:														
Abilene, Tex.	8.6	16.7	3.7	12.7	12.2	2.8	19.5	1 043	553	258	16.8	5.2	47	R 59.3
Callahan	0.1	0.3	0.1	NA	NA	Z	0.1	46	29	1	1.1	0.2	4	R 52.7
Jones	0.6	0.5	0.4	NA	NA	0.1	0.6	67	34	41	2.0	0.4	6	D 51.8
Taylor	7.9	15.9	3.2	11.0	11.6	2.7	18.8	929	490	216	13.7	4.6	37	R 62.0
Akron, Ohio	32.4	69.8	73.4	62.9	113.3	17.3	140.8	2 255	1 520	1 522	99.2	31.4	261	D 47.1
Portage	7.2	11.2	15.5	5.3	9.8	1.7	14.5	318	221	188	17.3	6.2	48	R 47.4
Summit	25.2	58.6	57.9	57.6	103.5	15.6	126.3	1 937	1 299	1 334	81.9	25.2	213	D 48.1
Albany, Ga.	8.8	12.9	3.4	11.5	9.9	2.6	17.8	274	130	161	13.3	5.0	30	D 49.9
Dougherty	D	12.8	D	D	9.8	2.6	17.7	268	127	161	12.5	4.7	27	D 50.5
Lee	D	Z	D	NA	0.2	Z	0.1	6	3	-	0.8	0.3	4	R 53.0
Albany-Schenectady-Troy, N.Y.	43.4	58.7	52.4	62.3	258.9	19.8	190.9	6 171	4 969	250	115.0	29.0	374	D 44.8
Albany	29.5	35.0	18.9	26.6	85.9	10.7	85.7	3 065	2 274	60	44.1	[illegible]	144	[illegible]
Monto[illegible]	[illegible]	2.2	[illegible]	2.6	[illegible]	[illegible]	3.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]

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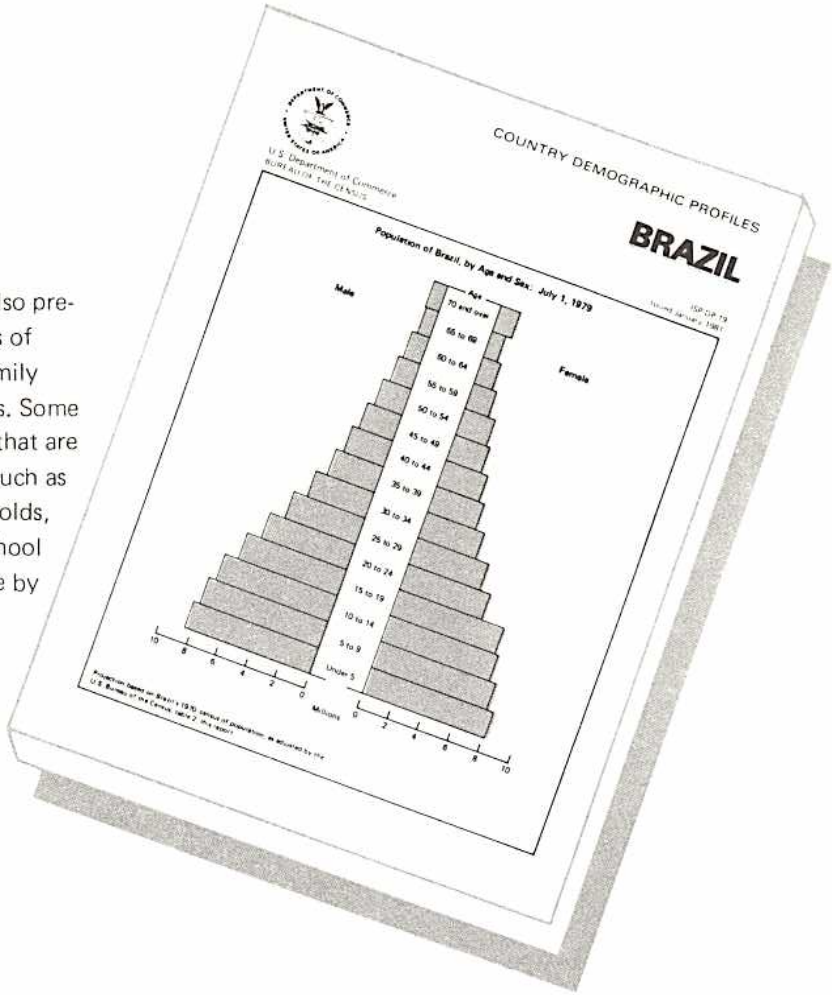

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