

1992

Census of

Construction Industries

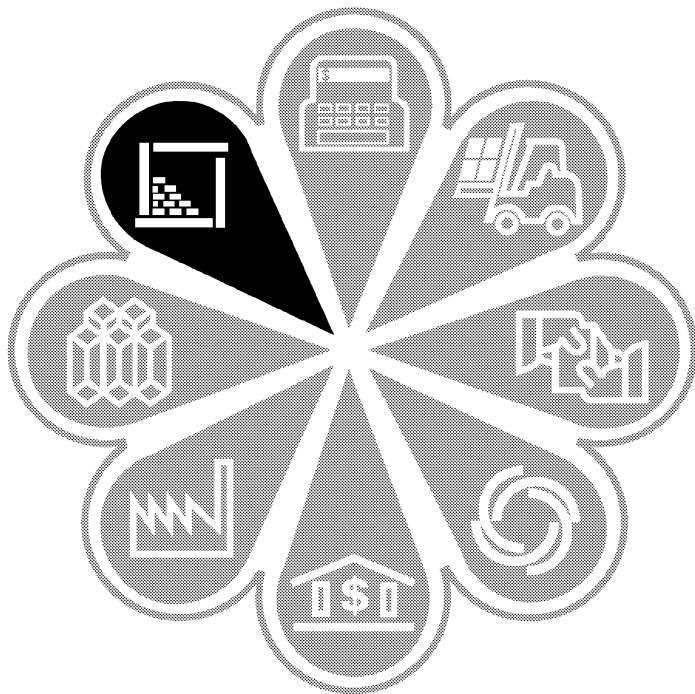
CC92-A-10

GEOGRAPHIC AREA SERIES

United States

Summary

Establishments With
and Without Payroll



Acknowledgments

Many persons participated in the various activities of the 1992 Census of Construction Industries. The overall planning and review of the census operations were performed by the Economic Census Staff of the Economic Planning and Coordination Division.

This report was prepared in the Manufacturing and Construction Division. **Barry A. Rappaport**, Assistant Chief for Construction and Mineral Census and Related Programs, was responsible for the overall planning, management, and coordination of the census of construction industries. Planning and implementation were under the direction of **Patricia L. Horning**, Chief, Construction and Mineral Census Branch, with staff assistance by **Tamara A. Cole**, **Jennifer L. Evans**, **Susan L. Hostetter**, and **Linda M. Taylor**. The sampling plans and variance and estimation specifications were developed by **Dennis K. Duke** and **Michael E. Kornbau**. The Systems Support Staff maintained the small computers and assisted in the management of computer output.

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If you have any questions concerning the statistics in this report, call 301-457-4680.

1992 Census of Construction Industries

CC92-A-10

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United States Summary

Establishments With
and Without Payroll

Issued June 1996



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United States Summary

Establishments With and Without Payroll

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Publication Program

Inside back cover

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the Nation's economy. It provides essential information for government, business, industry, and the general public.

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions.

Policymaking agencies of the Federal Government use the data, especially in monitoring economic activity and providing assistance to business.

State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.

Trade associations study trends in their own and competing industries and keep their members informed of market changes.

Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

AUTHORITY AND SCOPE

Title 13 of the United States Code (sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in 2 and 7. The 1992 Economic Census consists of the following eight censuses:

- Census of Retail Trade
- Census of Wholesale Trade
- Census of Service Industries
- Census of Financial, Insurance, and Real Estate Industries
- Census of Transportation, Communications, and Utilities
- Census of Manufactures
- Census of Mineral Industries
- Census of Construction Industries

Special programs also cover enterprise statistics and minority-owned and women-owned businesses. (The 1992 Census of Agriculture and 1992 Census of Governments are conducted separately.) The next economic census is scheduled to be taken in 1998 covering the year 1997.

AVAILABILITY OF THE DATA

The results of the economic census are available in printed reports for sale by the U.S. Government Printing Office and on compact discs for sale by the Census Bureau. Order forms for all types of products are available on request from Customer Services, Bureau of the Census, Washington, DC 20233-8300. A more complete description of publications being issued from this census is on the inside back cover of this document.

Census facts are also widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. Finally, State Data Centers in every State as well as business and industry data centers in many States also supply economic census statistics.

WHAT'S NEW IN 1992

The 1992 Economic Census covers more of the economy than any previous census. New for 1992 are data on communications, utilities, finance, insurance, and real estate, as well as coverage of more transportation industries. The economic, agriculture, and governments censuses now collectively cover nearly 98 percent of all economic activity.

Among other changes, new 1992 definitions affect the boundaries of about a third of all metropolitan areas. Also, the Survey of Women-Owned Businesses has now been expanded to include "C" corporations.

HISTORICAL INFORMATION

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1963, 1958, and 1954. Prior to that time, the individual subcomponents of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for 1840 and subsequent censuses to include mining and some commercial activities. In 1902, Congress established a permanent Census Bureau and directed that a census of manufactures be taken every 5 years. The 1905 Manufactures Census was the first time a census was taken apart from the regular every-10-year population census.

The first census of business was taken in 1930, covering 1929. Initially it covered retail and wholesale trade and construction industries, but it was broadened in 1933 to include some of the service trades.

The 1954 Economic Census was the first census to be fully integrated—providing comparable census data across economic sectors, using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other Federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census questionnaires. The Enterprise Statistics Program, which publishes combined data from the economic census, was made possible with the implementation of the integrated census program in 1954.

The range of industries covered in the economic censuses has continued to expand. The census of construction industries began on a regular basis in 1967, and the scope of service industries was broadened in 1967, 1977, and 1987. The census of transportation began in 1963 as a set of surveys covering travel, transportation of commodities, and trucks, but expanded in 1987 to cover business establishments in several transportation industries. For 1992, these statistics are incorporated into a broadened census of transportation, communications, and utilities. Also new for 1992 is the census of financial, insurance, and real estate industries. This is part of a gradual expansion in coverage of industries previously subjected to government regulation.

The Survey of Minority-Owned Business Enterprises was first conducted as a special project in 1969 and was incorporated into the economic census in 1972 along with the Survey of Women-Owned Businesses.

An economic census has also been taken in Puerto Rico since 1909, in the Virgin Islands of the United States and Guam since 1958, and in the Commonwealth of the Northern Mariana Islands since 1982.

Statistical reports from the 1987 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. All of the census data published since 1967 are still available for sale on microfiche from the Census Bureau.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

While the census provides complete enumerations every 5 years, there are many needs for more frequent data as well. The Census Bureau conducts a number of monthly, quarterly, and annual surveys, with the results appearing 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. Most of these surveys, while providing more frequent observations, yield less kind-of-business and geographic detail than the census. The County Business Patterns program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for each of the economic censuses and related surveys is published in the *Guide to the 1992 Economic Census and Related Statistics*. More information on the methodology, procedures, and history of the censuses will be published in the *History of the 1992 Economic Census*. Contact Customer Services for information on availability.

Census of Construction

GENERAL

The 1992 Census of Construction Industries covers all employer establishments (establishments with payroll) primarily engaged in contract construction or construction on their own account for sale as defined in the *Standard Industrial Classification Manual: 1987*¹ (SIC). This industrial classification system has been developed by experts on classification in government and private industry under the guidance of the Office of Management and Budget and is in general use among government agencies and among organizations outside the government.

Contract construction. The SIC manual defines construction in three broad types of activity:

1. **Building construction by general contractors or by operative builders.** General building contractors are primarily engaged in the construction of dwellings, office buildings, stores, farm buildings, and other building projects. Operative builders who build on their own account for sale are also included here. However, investment builders who build structures on their own account for rent are classified in Real Estate.
2. **Heavy construction general contractors.** Heavy construction general contractors are primarily engaged in the construction of highways, bridges, pipelines, sewers and water lines, marine construction, power, and petro-chemical plants and other nonbuilding construction projects. Special trade contractors are classified in heavy construction, if they are specifically engaged in the following activities: grading for highway and airport runways; guardrail construction; installation of highway signs; asphalt and concrete construction of roads, highways, streets, and public sidewalks; trenching, cable laying; conduit construction; underwater rock removal; pipeline wrapping; or land clearing and leveling.
3. **Construction by other special trade contractors.** These contractors include plumbers, painters, carpenters, electricians, brick layers, roofers, etc. For the most part, they perform their work at the site of construction, although they may also have shops where they perform work incidental to the job site.

¹*Standard Industrial Classification Manual: 1987.* For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

General contractors in both the building and the heavy construction field usually assume responsibility for an entire construction project, but may subcontract to others all of the actual construction work or those portions of the project requiring special skills or equipment. Special trade contractors may work for general contractors, for other subcontractors, or may work directly for the owner of the property.

Each establishment receiving a questionnaire was requested to report the percent of total dollar value of business done for each kind-of-business activity engaged in during 1992. This information was used for the computer assignment of appropriate industry classifications. During this work, various tests were also made using other data reported on the questionnaire. The proportion of construction work to total business was checked to verify that the establishment was primarily in construction. Also taken into consideration were the types of structures worked on during the year and the extent of work undertaken for other contractors.

Construction establishments often engage in various construction activities. It is necessary, however, to assign a single industry code to the establishment based on its major activity. Therefore, the statistics shown for an industry reflect not only the primary activity of the establishments in the industry but also their secondary activities. The industry reports, however, do present data on the extent of secondary activities.

Prior to 1992, this census also included one industry classified in the Real Estate area, SIC 6552, Land Subdividers and Developers, Except Cemeteries. This industry is covered in the 1992 Census of Financial, Insurance, and Real Estate Industries.

ESTABLISHMENT BASIS OF REPORTING

The census of construction industries is conducted on an establishment basis. A "construction establishment" is defined as a relatively permanent office or other place of business where the usual business activities related to construction are conducted. With some exceptions, a relatively permanent office is one which has been established for the management of more than one project or job and which is expected to be maintained on a continuing basis. Such "establishment" activities include, but are not limited to estimating, bidding, purchasing, supervising, and operation of the actual construction work being conducted

at one or more construction sites. Separate construction reports were not required for each project or construction site.

Companies with more than one construction establishment were required to submit a separate report for each establishment operated during all or any part of 1992. The census of construction industries figures represent a summary of records for individual establishments rather than for companies.

If an establishment was engaged in construction and one or more distinctly different lines of economic activity (wholesale or retail trade, service, manufacturing, mining, etc.) at the same place of business, it was requested to file a separate report for each activity, provided that the activity was of substantial size and separate records were maintained or substantially accurate estimates could be prepared.

If a separate establishment report could not be prepared for each activity, then a construction report was requested covering all activities of that establishment providing that the 1992 value of construction work exceeded the gross receipts from each of its other activities.

Construction businesses with no payroll during 1992 (nonemployers) were not required to file census reports. Tabulation of data for these businesses are based on administrative records and are shown only in U.S. summary publications and the geographic area reports series. Refer to the section on "Sample Design" for details. Foreign construction activities were not included in this census.

SAMPLE DESIGN, ESTIMATION PROCEDURES, AND RELIABILITY OF ESTIMATES

The companies included in the 1992 Census of Construction Industries were identified as part of an operation common to all 1992 Economic Censuses. Construction companies were divided into employers (companies with payroll) and nonemployers (companies without payroll). Statistical information for the employers was obtained in the census by a survey which included all medium size and large employers and a sample of the smaller ones. Census reports were not required from the nonemployers. Statistics on nonemployers were obtained from administrative records of other agencies of the Federal Government.

Employer Companies

Developing the sampling frame for employer companies. This operation started with obtaining a list of all construction companies in the active records of the Internal Revenue Service (IRS) which were subject to payment of Federal Insurance Contributions Act (FICA) taxes. The basic source for this list has been the Internal Revenue Service Business Master File, a comprehensive list of companies engaged in business activities in the United States. The file contains the name, address, and form of

ownership of each company and also indicates whether or not the company is subject to the FICA. Each company in this file is assigned a unique employer identification (EI) number which it uses in filing its various reports with the IRS. The Social Security Administration (SSA) maintains a similar list using the same identification numbers, which also contains information on the industrial classification of each company. The Bureau of the Census obtained both of these lists and combined them.

Under special arrangements which safeguarded the confidentiality of the information, the Bureau also obtained administrative-record data on payrolls and receipts and added these data to the combined list. The list, thus created from the IRS-SSA information, was a list of employer companies. However, for the 1992 Economic Census the basic reporting unit is the "establishment." Therefore, steps were taken to identify the individual establishments of those companies which operate more than one place of business. The information for making this determination was obtained by means of the Company Organization Survey (COS), an annual canvass of all known multiestablishment companies and large single-establishment companies. Thus, the 1992 Economic Census list for single-establishment employer companies was obtained from the IRS-SSA, but the list of establishments of multiestablishment employer companies was obtained directly from those companies in the COS. Refer to the section on "Establishment Basis for Reporting" for details.

In general, the IRS-SSA list provided sufficient industrial classification data to assign a company to the proper economic census, but there were a number of companies for which this information was inadequate or unavailable. A special form, NC-9923, General Schedule, was mailed to all such companies, requesting information on the nature of the company's activities. From the information reported, the company was given an industrial classification code and assigned to the appropriate economic census. Since construction companies found in this way were identified only after the regular census mailing had taken place, they were treated as a supplement to the basic list.

Selecting the employer sample. The sample was designed to provide reliable State and metropolitan area estimates for each construction industry. It consisted of all construction establishments in multiestablishment companies, all single-establishment companies with 1991 administrative payroll of \$480,000 or more and a probability sample of single-establishment companies with payroll under that amount. Supplementing the sample were construction companies identified from the NC-9923, General Schedule. Also affecting the sample were the misclassified companies; i.e., companies included in the samples of other trade areas which reported they were construction companies and companies originally classified in construction which reported they were not construction companies.

Of the 547,000 single-establishment employer companies initially classified as construction companies, 158,000 were included in the sample. All of the 11,000 establishments of multiestablishment companies were included in

the sample. There was a net increase in the sample of 48,000 establishments resulting from establishments originally unclassified (receiving the NC-9923) or misclassified.

The probability sample of the smaller single-establishment companies was a stratified random sample. Strata were formed from all establishments with the same initial four-digit SIC code, in the same State, in the same metropolitan area, or in the balance of the State, and in the same size class based on estimated total employment. If the four-digit SIC code for an establishment was incomplete, the establishment was placed in a stratum for miscellaneous companies. Because they were small, all companies were included in the sample for the following three industries: SIC 1622, Bridge, Tunnel, and Elevated Highway Construction Contractors; SIC 1795, Wrecking and Demolition Work Special Trade Contractors; and SIC 1796, Installation or Erection of Building Equipment Special Trade Contractors.

Estimation procedures for 1992 and 1987 data. Since all larger employer companies and some smaller ones were included in the census, sample estimation was required only for the universe of companies not selected with certainty. The published statistics are the totals of the estimates for the sampled companies and the aggregates for the certainty companies. All estimates for 1992 and 1987 published here are simple unbiased estimates of the form:

$$x'_c = \frac{\sum_{i=1}^{n_c} x_i}{n_c p_i}$$

where: x'_c is the simple unbiased estimate of a characteristic for a publication cell.

x_i is the reported value of a characteristic for an individual establishment in the publication cell.

p_i is the selection probability of that firm.

n_c is the number of firms in the sample for the cell.

Data for certain characteristics were reported as a percentage of the dollar value of business done. Before this formula was applied to those characteristics, it was necessary to convert the reported percentages into dollars.

Reliability of employer statistics. Since the estimates for employer establishments in these reports are based on the samples, they are subject to sampling variability and may be expected to differ from results which would have been obtained if a complete census had been taken using the same forms and procedures. The sampling errors shown in the tables were estimated directly from the sample reports, using methods appropriate for the sample design and form of estimation used. The relative standard error is a measure of sampling variability; i.e., the variation that might occur by chance because only a sample of the population is surveyed. As calculated for this report, the

relative standard error also partially reflects the effect of random errors of response and processing, but it does not take into account the effect of any consistent biases due to those types of errors. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census by less than the relative standard error. The chances are about 95 out of 100 that the difference is less than twice the relative standard error and about 99 out of 100 that it is less than 2-1/2 times the relative standard error. Individual estimates with large relative standard errors have been shown in the published tables. Any such estimates should be used with caution. The very large relative standard errors generally occur for the smaller estimates.

Relative standard errors have been calculated for all of the published statistics, although they are shown for each statistic only in the tables presenting detailed statistics. Other tables show relative standard errors only for certain characteristics because of lack of space.

As calculated for this report, the relative standard error measures certain nonsampling errors, but does not measure any systematic biases in the data. Bias is the difference, averaged over all possible samples with the same size and design, between the estimates and the true value being estimated. Nonsampling errors can be attributed to many sources: inability to obtain information about all cases in the sample; definitional difficulties; differences in interpretation of questions; inability or unwillingness of respondents to provide correct information; and errors made in processing the data. Although no direct measurements of the biases have been obtained, it is believed that most of the important response and operational errors were detected in the course of reviewing the data for reasonableness and consistency.

A potential source of bias is in the imputation for those establishments that have not responded by the time of final publication. Data were estimated for establishments that did not report by that date, although selected establishments were contacted again to obtain as much information on the telephone as possible. Some publication cells in which more than 40 percent of the data were not reported have been suppressed.

Nonemployer Companies

As described earlier, the information derived from the business income tax returns of all companies was matched to the census employer file on the basis of common identification numbers. Those business income tax returns which could not be matched were further classified on the basis of several characteristics. Returns with characteristics consistent with companies without payroll were treated as nonemployers. The nonemployer construction companies were not required to file census reports.

For "number of establishments," each separate income tax return was assumed to be an establishment. "All business receipts" was based on receipts information reported on the tax return.

Since no sampling was involved in the nonemployer establishments, the statistics for nonemployers are not subject to sampling variability. However, these data are subject to an unknown amount of reporting and processing errors which could not be detected by the Census Bureau.

One such "nonsampling" issue was raised in the processing of the 1992 statistics. For 1992, a relatively small number of nonemployer records with revenues more than \$1 million were excluded from tabulations. The exclusion of these records resulted in a significant decrease in total nonemployer revenues from 1987, where no upper limit was used. The large revenues are now assumed to be unreasonable for firms without employees. It is also likely that these revenues are duplicated in revenues reported by (or imputed to) firms with paid employees. A comprehensive study of this issue is planned prior to the 1997 census.

CENSUS REPORT FORMS

Information for the 1992 Census of Construction Industries was obtained from employer establishments primarily through the use of 22 questionnaires, determined by industry classification and size. Standard forms and short forms were developed for each of the following SIC groups: 15, 16, 171, 172, 173, 174, 175, 176, 177, 178, and 179. Establishments with 1991 administrative payroll of \$1,080,000 or more all received the standard form. For those sample establishments with payroll under that amount, half received the standard form and half received the short form. The short forms covered only major items and omitted some of the detail found in the longer forms.

In reviewing and developing the questionnaires, comments and recommendations were elicited from construction trade associations and advisory groups.

Also, approximately 6,000 establishments in SIC's 1521, 1629, and 1799 were surveyed in the Census of Construction Industries 1989 Pretest. This survey consisted of four panels which received one of four experimental questionnaires and one panel which received the control questionnaire. Along with the questionnaire, these establishments received an evaluation questionnaire, which requested information about respondents' reactions to the questionnaire, problems in completing the questionnaire, and how long it took to complete the questionnaire. Results from the 1989 Pretest questionnaire are reflected as reworded questions, improved instructions, and restructured value of business questions in the 1992 questionnaires.

DATA PROCESSING

The 1992 census report forms were mailed out in December 1992. They were mailed from and returned to the Census Bureau's Data Preparation Division in Jeffersonville, IN, where routine editing and coding of the report forms were also accomplished. Collection of these report forms was essentially completed in July 1993.

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The returned reports underwent extensive processing. A preliminary edit done at the time of data entry identified obviously deficient reports and reports needing clarification. When necessary, these problems were resolved by further contact with the respondents. Next, the data were transmitted to Census Bureau headquarters near Washington, DC.

Data records, then, underwent a detailed computer review and analysis. The records containing significant problems were referred for further analytical review and, if necessary, contacts were made with the respondents. The computer performed most classification coding (such as industry coding, geographic coding, and size coding), and imputation for missing items or for reports not received in time for tabulation. The imputation was performed on an industry (or industry group) and State (or geographic group) basis using all available response and administrative data.

The data records were then tabulated on an industry basis. Industry totals were subjected to analytical review, and selected statistics were prepared for the preliminary reports. Corrections resulting from this review were made to the computer records and final tabulations were produced.

The review of a preliminary report for an industry often uncovered the need for corrections or revisions to the data for another industry for which a preliminary report had already been published. The final reports incorporate all revisions and corrections made during the review of the preliminary reports and contain considerable more data than were published in those reports.

GEOGRAPHIC CLASSIFICATION

Information for the 1992 Census of Construction Industries' final industry report series is classified on the basis of two types of geographic distributions: (1) physical location of the establishment, and (2) location of construction work. A separate code was assigned on each basis allowing us to present data by both physical location of the establishment and location of construction work.

The geographic area reports series presents similar data by industry for each State (physical location of the establishment) and for selected MSA's, CMSA's and PMSA's.

CHANGE IN COLLECTION METHODOLOGY FOR VALUE OF CONSTRUCTION WORK DONE

In 1987 and 1992, the "value of construction work" was collected to better measure actual construction activity done during the year. In 1992, this item was collected as a total of three separate items. These items (receipts from construction contract work, value of speculative construction work, and value of construction work done for own use) were collected separately to emphasize construction activity that had been poorly reported in previous censuses.

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Receipts from the sale of land were not collected separately in 1992, as in 1987, but are still excluded from the value of construction work done.

All dollar values are shown in current dollars for the years specified and have not been adjusted for inflation.

DUPLICATION IN VALUE OF CONSTRUCTION WORK

The aggregate of value of construction work reported by all construction establishments in each of the several industry, geographic area, or other groupings in this census contains varying amounts of duplication, since the construction work of one firm may be subcontracted to other construction firms and may also be included in the subcontractors' value of construction work. To avoid this duplication, a "net" value of construction work figure has been derived for each establishment by subtracting the costs for construction work subcontracted to others from the value of construction work.

Duplication in value of business between other construction and nonconstruction industries results from the use of products of these other industries as input materials by construction establishments. "Value added" avoids this duplication and is, for most purposes, the best measure for comparing the relative economic importance of industries or areas. "Value added" is defined in the 1992 Census of Construction Industries as equal to dollar value of business done less costs for construction work subcontracted to others and payments for materials, components, supplies, and fuels.

SPECIAL TABULATIONS

Special tabulations of data collected in the 1992 Census of Construction Industries may be obtained on computer tape or in tabular form. The data will be in summary form and subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) as are the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact and detailed specifications of the type and format of the data to be provided, should be directed to the Chief, Manufacturing and Construction Division, Bureau of the Census, Washington, DC 20233.

To discuss a special tabulation before submitting specifications, call 301-457-4680.

COMPARABILITY OF CENSUS OF CONSTRUCTION INDUSTRIES DATA WITH OTHER DATA

Data contained in the reports of the 1992 Census of Construction Industries are not the same as the data published in the Census Bureau's monthly Construction

Reports, Series C30, Value of New Construction Put in Place. The main difference is that the C30 series covers all new construction put in place without regard to who is performing the construction activity; whereas, the construction census figures cover both new construction and maintenance and repair work done by establishments classified in the construction industry. Significant amounts of construction are done by establishments classified outside of construction (in real estate, manufacturing, utilities, and communications, for example), both as "force account" construction and construction done for others. In addition, the value in place series includes construction-related expenses such as architectural and engineering costs and the costs of materials supplied by owners which are normally not reflected in the census of construction industries.

Data contained in the reports of the census of construction industries may also differ from industry data in "Employment and Earnings Statistics," published by the Bureau of Labor Statistics and "Statistics of Income," published by the Internal Revenue Service. These differences arise from varying definitions of scope, coverage, timing, classification, and methodology.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

- * Sampling error exceeds 40 percent.
- ** Represents the sum of all employees during pay periods including 12th of March, May, August, and November, divided by 4.
- Represents zero.
- † Represents value of construction work less costs for construction work subcontracted to others. (See Duplication in Value of Construction Work.)
- †† Represents dollar value of business done less costs for construction work subcontracted to others and costs for materials, components, supplies, and fuels. In 1987, for SIC 1531, land receipts were collected as a component of dollar value of business and, therefore, were subtracted from this value. (See Duplication in Value of Construction Work.)
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate, associated relative standard error, or a consistency review.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- n.s.k. Not specified by kind.

Users' Guide for Locating Statistics in This Report by Table Number

Statistics	For U.S.	By State	By employment size	By size class of dollar value of business done	By type, class, and location of construction ¹	By CMSA, PMSA, and MSA ²
Assets and depreciation (gross book value):						
Beginning of year—buildings, machinery and equipment	6, 7					
End of year—total	3, 6, 7	3	9	10		
End of year—buildings, machinery and equipment	6, 7					
Depreciation charges during year—buildings, machinery and equipment	6, 7					
Capital expenditures:						
Total capital expenditures	3, 6, 7	3	9	10		
New buildings—machinery and equipment	6, 7					15
Used buildings—machinery and equipment	6, 7					
Communication services, payments for	4, 5					
Employees:						
All employees—average number	1, 2, 3, 4, 5	1, 2, 3	9	10		15
Construction workers—average number	3, 4, 5, 12	3, 12				
Construction workers—quarterly	12	12				
Other employees—average number	4, 5					
Establishments:						
Number in business at end of year	16					
Number in business during year:						
All	1, 2	1, 2				
With payroll	1, 2, 3, 4, 5, 8, 12	1, 2, 3, 12	9	10		15
Without payroll	1, 2	1, 2				
Firms—number in business during year	4		9	10		
Fringe benefits—legally required and voluntary expenditures	4, 5					
Inventories	8					
Materials, components, supplies, and fuels—costs for	3, 4, 5	3	9	10		15
Ownership—private or government owned	4					
Payroll:						
First-quarter, all employees	4, 5					
Annual:						
All employees	3, 4, 5	3	9	10		15
Construction workers	3, 4, 5	3				
Other employees	4, 5					
Power, fuels, and lubricants—costs for	4, 5					
Proprietors and working partners:						
All establishments	1, 2	1, 2				
Establishments with payroll	1, 2, 4, 5	1, 2				
Establishments without payroll	1, 2	1, 2				
Ratios, selected industry	14	14				
Receipts and value:						
Dollar value of business done:						
All establishments	1, 2	1, 2				
Establishments with payroll	1, 2, 4, 5	1, 2	9	10		
Establishments without payroll	1, 2	1, 2				

See footnotes at end of table.

Statistics	For U.S.	By State	By employment size	By size class of dollar value of business done	By type, class, and location of construction ¹	By CMSA, PMSA, and MSA ²
Receipts and value:—Con.						
Value of construction work, total	3, 4, 5, 8	3	9	10	11, 13	15
For work subcontracted in from others	4, 5					
Other business receipts	4, 5					
Net value of construction work	3, 4, 5	3	9	10		15
Value added	3, 4, 5	3	9	10		15
Rental payments:						
Total	3, 4, 5	3	9	10		
For machinery and equipment	4, 5					
For buildings	4, 5					
Repairs to buildings and other structures	4, 5					
Repairs to machinery and equipment	4, 5					
Subcontract work to others, payments for	3, 4, 5	3	9	10		15

Note: Data for 1987 and earlier years are also available in some of these tables.

¹Type—buildings, roads, etc. Class—new construction; additions, alterations, or reconstruction; or maintenance and repair work.

²CMSA—Consolidated metropolitan statistical area; PMSA—Primary metropolitan statistical area; MSA—Metropolitan statistical area.



Summary of Findings

This report summarizes data previously published from the geographic division final reports covering construction establishments with payroll and limited data on construction establishments with no payroll during 1992 which were obtained from administrative records of the Federal Government. (Establishments with no payroll are, for the most part, companies owned and operated by a single person.) Each division report contains separate sections for the States within that division. Data for standard consolidated statistical areas and selected metropolitan statistical areas are also shown in this report.

Establishments covered in this report were primarily engaged in contract construction or construction on their own account for sale, as defined in the *1987 Standard Industrial Classification (SIC) Manual*.¹ The SIC Manual defines construction in three broad types: (1) building construction by general contractors or operative builders; (2) heavy construction (highways, power plants, etc.) done by general contractors and selected special trade contractors; and, (3) construction done by special trade contractors such as electricians, plumbers and painters.

During 1992, there were over 1.9 million establishments in the United States operating in the construction industries. These establishments accounted for \$582 billion in total dollar value of business done.

Most of the 1.9 million construction establishments were small. Of the total, 1.3 million were nonemployers, and over half of the employer establishments had less than 5 employees. However, the 214,207 construction establishments with 5 employees or more, while representing only 11 percent of all establishments, accounted for more than 80 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$539 billion in total dollar value of business done. Of this amount, \$528 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$137 billion, leaving net value of construction work of \$391 billion. In addition, these establishments paid out \$185 billion for the cost of

materials, fuels, power, rental of equipment and buildings, and the cost of selected purchased services. Value added for 1992 was \$235 billion. (See Introduction and appendixes for explanation of terms.)

Establishments located in California had \$64.3 billion for value of construction work, 12 percent of the value of construction work of all establishments with payroll in the United States. The next largest State was Texas with \$36.7 billion, which was 7 percent followed by New York with \$30.7 billion, at 6 percent.

There were 572,851 establishments with total employment averaging 4,668,280 during the year. Total payroll for 1992 was \$118 billion.

The data in this report covering establishments with payroll were obtained from a sample survey. A construction establishment is defined as a relatively permanent office, or other place of business, where the usual business activities related to construction are conducted. A separate census report was required from each sample establishment covering domestic operations. Separate reports were not required for each project or construction site.

For 1987 and earlier censuses, receipts from the sale of land were collected separately for general contractors and operative builders. These receipts were included in the total dollar value of business done, but excluded from the value of construction work done. For 1992, receipts from the sale of land were not collected separately, but are still excluded from the value of construction work done. All dollar values are shown in current dollars for the years specified and have not been adjusted for inflation.

Since the data in this report covering employer establishments are estimated from a sample survey, they are subject to sampling variability, as well as errors of response and nonreporting. The relative standard errors shown in the tables are measures of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability are included in the Introduction.

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 1.3 million establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$42.5 billion.

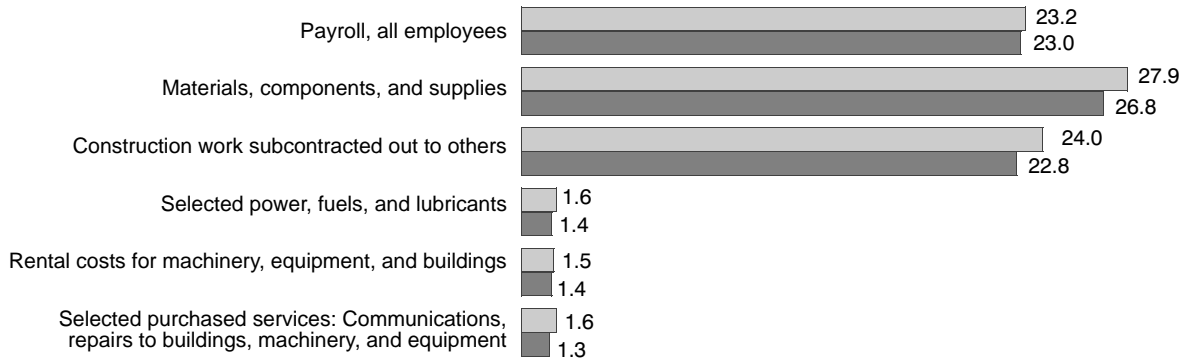
For the establishments without payroll, only information on total value of business done was available from administrative records. Statistics on establishments without payroll are shown in tables 1 and 2 of this report.

¹*Standard Industrial Classification Manual: 1987*. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

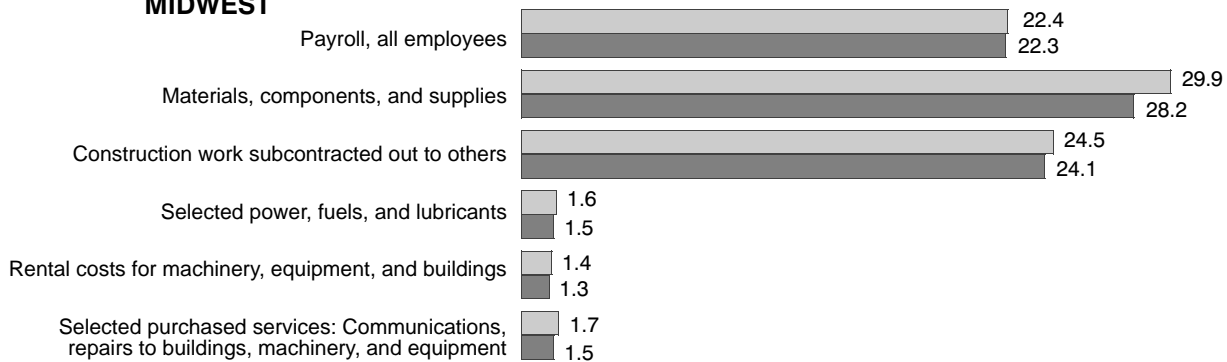
Figure 1. **Selected Costs Per Dollar Value of Business Done**
(Percent)

1992
1987

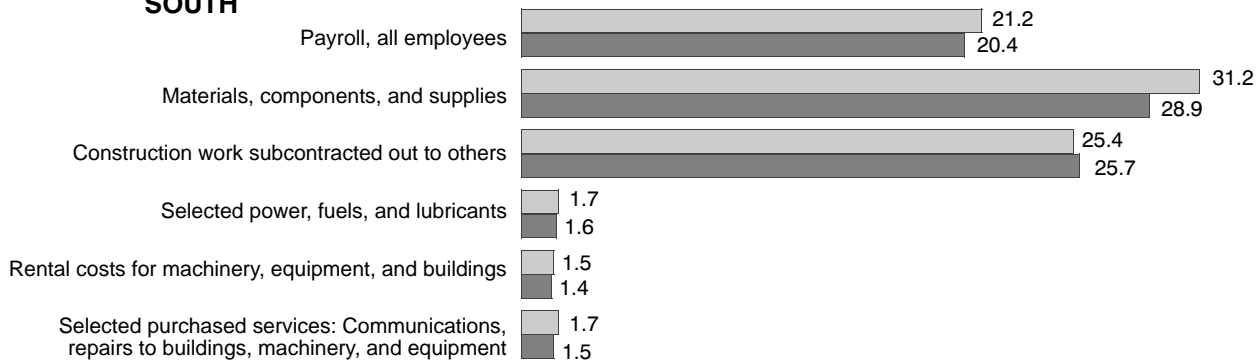
NORTHEAST



MIDWEST



SOUTH



WEST

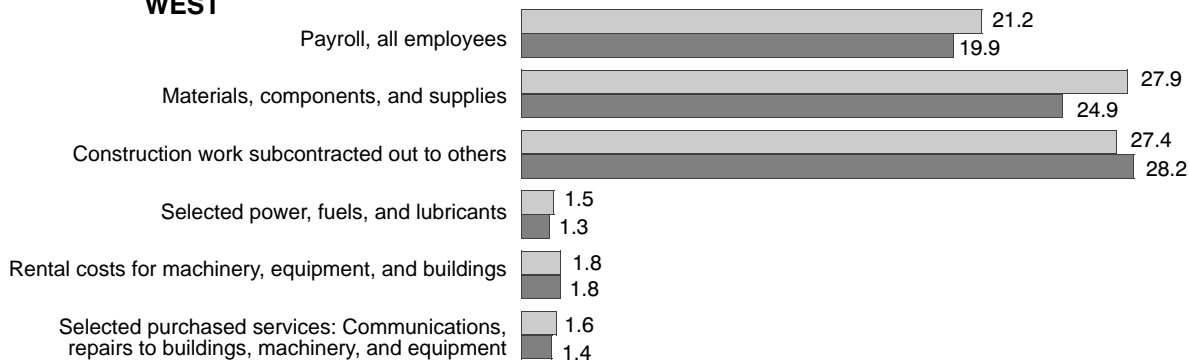
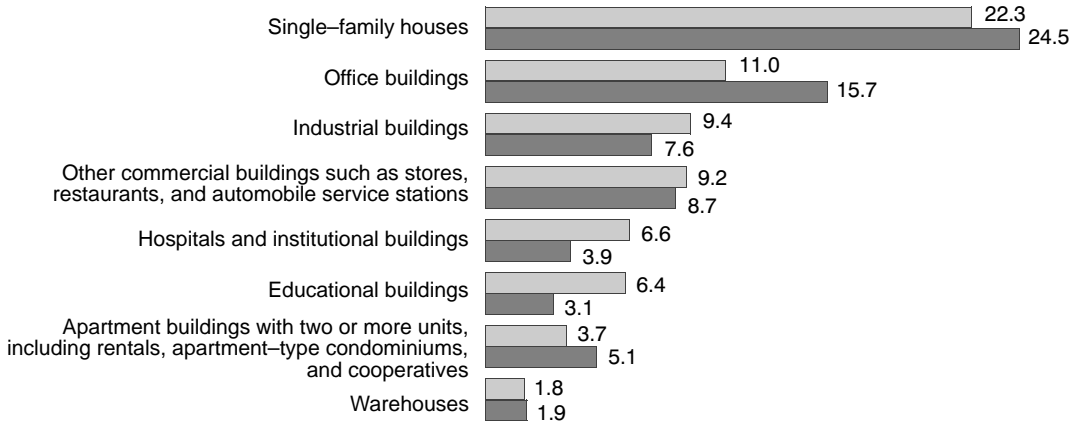


Figure 2. **Value of Construction Work by Type of Construction**
(Percent)

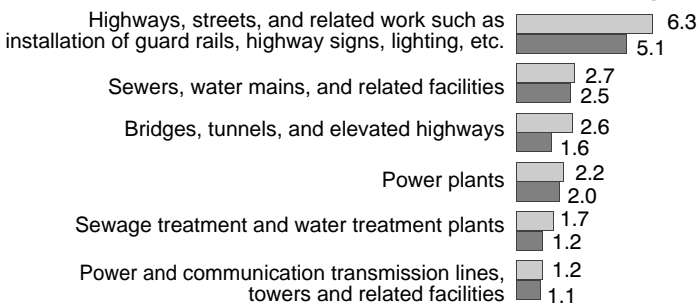
1992
1987

NORTHEAST

Building Construction

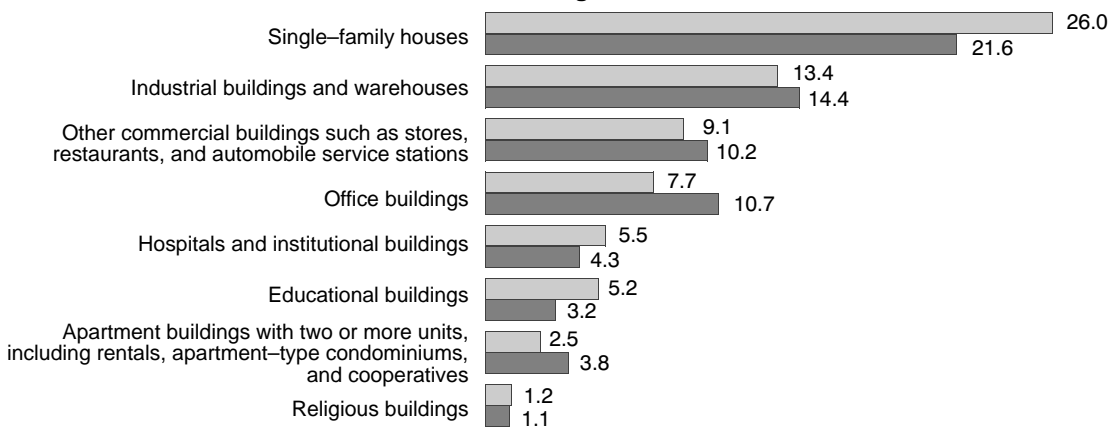


Nonbuilding Construction



MIDWEST

Building Construction



Nonbuilding Construction

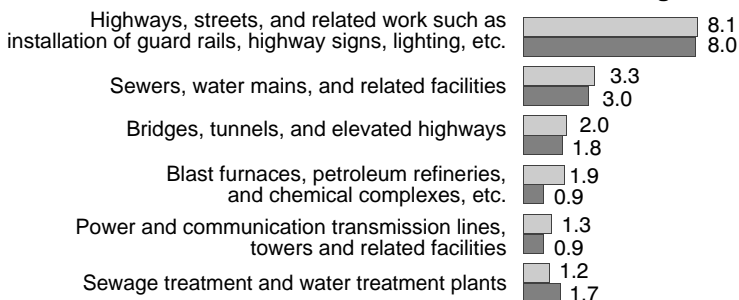
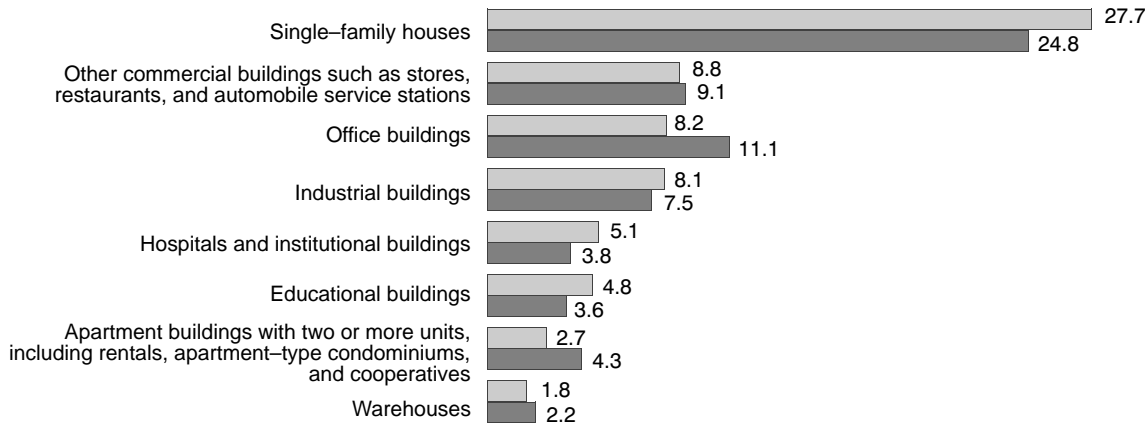


Figure 2. **Value of Construction Work by Type of Construction—Con.**
(Percent)

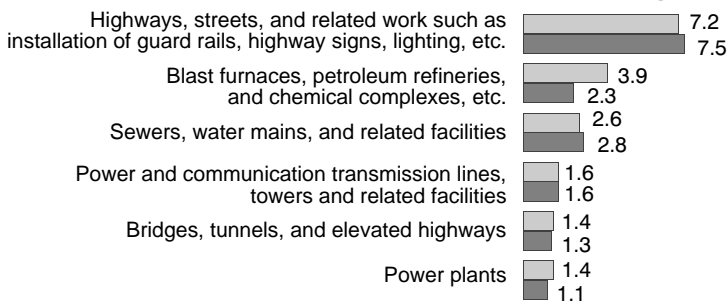
1992
1987

SOUTH

Building Construction

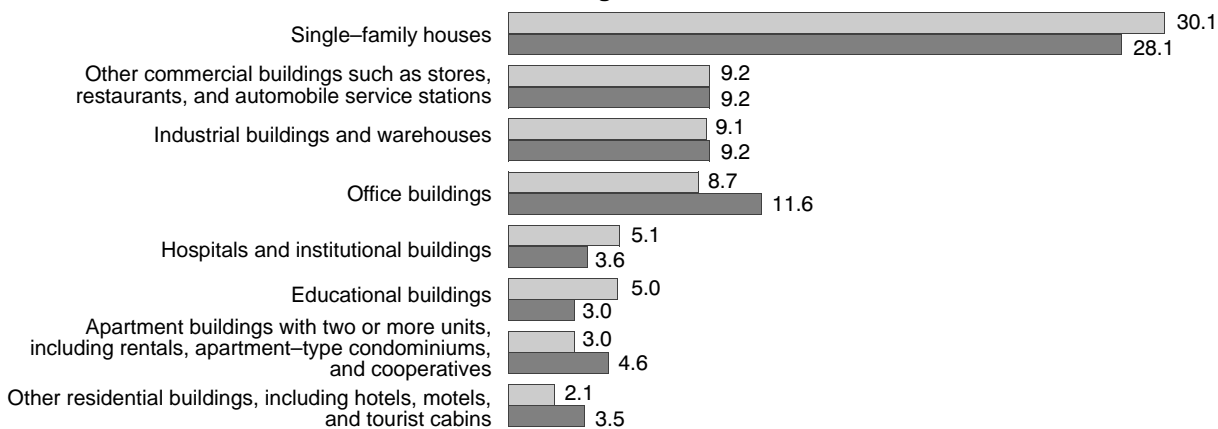


Nonbuilding Construction



WEST

Building Construction



Nonbuilding Construction

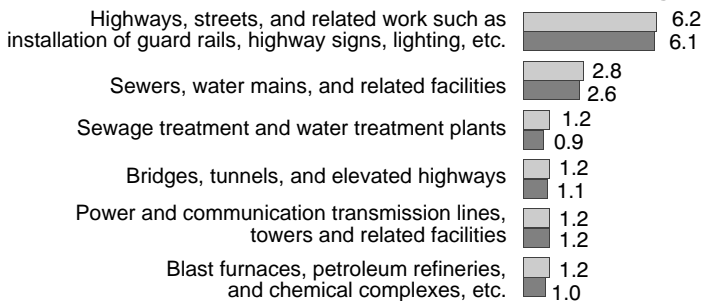


Table 1. Summary Statistics for Establishments With and Without Payroll by States: 1992

[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 appendixes]

Location of establishment	All establishments				Establishments without payroll			Establishments with payroll				Relative standard error of estimate (percent) for column—	
	Number	Proprietors and working partners	All employees**	Dollar value of business done	Number	Proprietors and working partners	Dollar value of business done ¹	Number	Proprietors and working partners	All employees**	Dollar value of business done		
	A	B	C	D	E	F	G	H	I	J	K	J	K
United States -----	1 922 631	1 569 215	4 668 280	581 630 401	1 349 780	1 318 174	42 545 744	572 851	251 041	4 668 280	539 084 657	(Z)	(Z)
Alabama -----	30 823	26 635	78 254	8 267 070	23 170	22 775	640 744	7 653	3 860	78 254	7 626 326	1	1
Alaska -----	4 537	3 836	12 969	2 013 735	2 861	2 849	87 819	1 676	987	12 969	1 925 916	2	3
Arizona -----	22 568	17 137	86 749	10 929 101	14 262	13 798	456 728	8 306	3 339	86 749	10 472 373	1	1
Arkansas -----	22 046	19 595	34 057	3 840 903	17 601	17 411	479 992	4 445	2 184	34 057	3 360 911	1	1
California -----	199 084	177 747	511 115	70 167 312	134 981	135 789	4 893 428	64 103	41 958	511 115	65 273 884	(Z)	(Z)
Colorado -----	33 075	25 985	83 784	11 441 614	23 371	22 773	726 230	9 704	3 212	83 784	10 715 384	1	1
Connecticut -----	29 958	23 376	55 314	8 121 558	21 130	20 638	869 549	8 828	2 738	55 314	7 252 009	1	1
Delaware -----	5 684	3 918	17 677	1 958 307	3 613	3 327	127 596	2 071	591	17 677	1 830 711	1	2
District of Columbia -----	1 137	824	6 954	1 048 108	804	764	18 372	333	60	6 954	1 029 736	3	2
Florida -----	110 393	76 484	274 503	33 154 466	76 102	69 406	2 609 067	34 291	7 078	274 503	30 545 399	(Z)	1
Georgia -----	56 289	46 046	123 888	15 401 575	42 708	41 280	1 443 127	13 581	4 766	123 888	13 958 448	1	1
Hawaii -----	6 830	5 237	32 394	5 087 683	4 349	4 274	137 225	2 481	963	32 394	4 950 458	1	(Z)
Idaho -----	11 616	10 351	22 217	2 626 760	8 075	8 152	268 534	3 541	2 199	22 217	2 358 226	2	2
Illinois -----	77 399	59 323	211 951	28 955 646	52 820	50 998	1 679 376	24 579	8 325	211 951	27 276 270	1	1
Indiana -----	43 619	35 419	116 001	12 880 819	30 495	29 884	790 250	13 124	5 535	116 001	12 090 569	1	1
Iowa -----	23 828	20 921	49 212	5 671 797	17 121	17 139	439 179	6 707	3 782	49 212	5 232 618	1	1
Kansas -----	19 259	16 355	47 936	5 740 045	13 319	13 271	359 523	5 940	3 084	47 936	5 380 522	1	2
Kentucky -----	31 512	27 438	63 778	7 152 804	24 175	23 781	642 013	7 337	3 657	63 778	6 510 791	(Z)	1
Louisiana -----	25 532	20 306	91 852	8 199 779	19 128	18 299	523 840	6 404	2 007	91 852	7 975 939	1	1
Maine -----	15 960	13 794	21 445	2 327 515	11 967	11 869	310 176	3 993	1 925	21 445	2 017 339	2	2
Maryland -----	36 296	25 149	134 167	15 842 182	22 514	21 208	738 058	13 782	3 941	134 167	15 104 124	1	1
Massachusetts -----	55 254	44 772	86 755	12 974 785	41 807	40 696	1 425 861	13 447	4 076	86 755	11 548 924	1	1
Michigan -----	66 190	51 590	141 595	17 853 253	45 744	44 115	1 457 456	20 446	7 475	141 595	16 395 797	1	1
Minnesota -----	39 089	32 405	85 977	12 954 623	28 425	28 106	918 975	10 664	4 299	85 977	12 035 648	1	1
Mississippi -----	17 220	15 425	34 553	3 588 534	13 282	13 118	367 526	3 938	2 307	34 553	3 221 008	1	2
Missouri -----	44 045	37 112	97 064	11 804 067	31 217	30 949	768 902	12 828	6 163	97 064	11 035 165	1	1
Montana -----	9 099	8 362	13 369	1 629 698	6 538	6 605	173 542	2 561	1 757	13 369	1 456 156	2	2
Nebraska -----	13 610	11 243	30 092	3 605 219	9 286	9 236	219 400	4 324	2 007	30 092	3 385 819	1	2
Nevada -----	8 463	6 650	41 031	5 500 323	5 152	4 978	179 100	3 311	1 672	41 031	5 321 223	1	1
New Hampshire -----	15 163	13 318	17 158	2 236 230	11 844	11 735	380 154	3 319	1 583	17 158	1 856 076	1	1
New Jersey -----	56 627	39 956	131 376	18 300 743	36 984	34 329	1 451 127	19 643	5 627	131 376	16 849 616	1	1
New Mexico -----	10 468	8 628	30 888	3 009 254	6 467	6 323	184 185	4 001	2 305	30 888	2 825 069	1	2
New York -----	108 270	76 999	257 391	33 690 533	71 720	67 290	2 341 927	36 550	9 709	257 391	31 348 606	(Z)	(Z)
North Carolina -----	64 482	54 831	145 527	15 374 456	46 054	45 654	1 252 293	18 428	9 177	145 527	14 122 163	1	1
North Dakota -----	5 021	4 384	11 799	1 237 087	3 344	3 366	71 119	1 677	1 018	11 799	1 165 968	2	2
Ohio -----	81 102	67 162	190 335	24 161 161	57 750	56 881	1 601 076	23 352	10 281	190 335	22 560 085	(Z)	1
Oklahoma -----	26 367	22 995	43 687	4 833 961	20 771	20 373	556 699	5 596	2 622	43 687	4 277 262	1	1
Oregon -----	25 996	19 929	53 212	6 988 085	17 365	16 805	707 764	8 631	3 124	53 212	6 280 321	1	1
Pennsylvania -----	87 339	75 860	213 478	26 653 388	61 117	61 126	2 060 064	26 222	14 734	213 478	24 593 324	(Z)	(Z)
Rhode Island -----	8 767	6 177	13 981	2 045 908	5 901	5 510	195 953	2 866	667	13 981	1 849 955	1	1
South Carolina -----	26 699	22 028	69 688	6 836 959	18 255	17 835	531 949	8 444	4 193	69 688	6 305 010	1	1
South Dakota -----	6 238	5 679	12 836	1 351 232	4 239	4 288	95 349	1 999	1 391	12 836	1 255 883	2	3
Tennessee -----	44 135	40 479	89 768	10 675 965	34 865	34 970	1 081 683	9 270	5 509	89 768	9 594 282	1	1
Texas -----	131 394	113 813	335 521	40 539 593	102 284	100 770	2 883 824	29 110	13 043	335 521	37 655 769	(Z)	1
Utah -----	13 811	11 590	34 950	4 222 479	9 445	9 295	349 029	4 366	2 295	34 950	3 873 450	1	1
Vermont -----	8 963	7 649	11 878	1 383 462	6 419	6 324	163 646	2 544	1 325	11 878	1 219 816	2	2
Virginia -----	50 537	39 279	143 644	15 290 546	33 386	32 228	997 111	17 151	7 051	143 644	14 293 435	1	1
Washington -----	38 974	31 302	121 799	16 721 711	21 695	21 634	967 054	17 279	9 668	121 799	15 754 657	1	1
West Virginia -----	11 569	10 176	24 982	2 228 610	7 974	7 968	154 915	3 595	2 208	24 982	2 073 695	1	1
Wisconsin -----	35 757	29 704	96 781	12 108 870	23 043	23 166	708 055	12 714	6 538	96 781	11 400 815	1	1
Wyoming -----	4 533	3 843	10 948	1 000 886	2 841	2 816	59 180	1 692	1 027	10 948	941 706	2	2

Note: Number of establishments in this and subsequent tables represent those in business at any time during year.

¹For 1992, nonemployer records showing revenues greater than \$1 million were excluded. See Introduction text.

Table 2. Summary Statistics for Establishments With and Without Payroll by States: 1987

[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 appendixes]

Location of establishment	All establishments				Establishments without payroll ¹			Establishments with payroll				Relative standard error of estimate (percent) for column—	
	Number	Proprietors and working partners	All employees**	Dollar value of business done	Number	Proprietors and working partners	Dollar value of business done	Number	Proprietors and working partners	All employees**	Dollar value of business done		
	A	B	C	D	E	F	G	H	I	J	K		
United States -----	1 904 598	1 482 273	5 014 598	578 421 743	1 368 322	1 343 572	63 484 147	536 276	138 701	5 014 598	514 937 596	(Z)	(Z)
Alabama -----	30 062	24 200	84 812	8 542 039	22 662	22 294	1 051 902	7 400	1 906	84 812	7 490 137	2	1
Alaska -----	5 227	4 115	12 764	1 888 839	3 720	3 720	162 292	1 507	395	12 764	1 726 547	2	2
Arizona -----	25 730	18 460	97 854	11 918 255	16 827	16 480	1 154 733	8 903	1 980	97 854	10 763 522	1	1
Arkansas -----	23 160	19 992	30 434	3 154 264	18 987	18 829	670 736	4 173	1 163	30 434	2 483 528	2	2
California -----	204 342	163 099	598 320	87 984 753	145 292	145 359	13 286 669	59 050	17 740	598 320	74 698 084	(Z)	(Z)
Colorado -----	34 989	27 719	79 961	9 810 596	26 032	25 454	1 224 130	8 957	2 265	79 961	8 586 466	1	1
Connecticut -----	34 081	25 401	89 494	12 021 367	23 326	23 014	2 111 457	10 755	2 387	89 494	9 909 910	1	1
Delaware -----	5 427	3 788	19 728	2 036 295	3 533	3 406	263 140	1 894	382	19 728	1 773 155	1	2
District of Columbia -----	1 313	885	11 222	1 520 730	904	853	122 834	409	32	11 222	1 397 896	2	2
Florida -----	112 111	79 346	329 877	37 542 961	78 173	73 727	5 322 365	33 938	5 619	329 877	32 220 596	(Z)	1
Georgia -----	60 192	48 455	149 698	18 039 517	46 291	45 125	2 970 224	13 901	3 330	149 698	15 069 293	1	1
Hawaii -----	5 796	4 310	21 706	3 233 759	3 905	3 854	270 626	1 891	456	21 706	2 963 133	1	1
Idaho -----	10 370	8 863	13 847	2 328 129	8 278	8 258	332 024	2 092	605	13 847	1 996 105	2	1
Illinois -----	71 913	54 989	209 154	26 212 664	51 341	50 420	2 918 968	20 572	4 569	209 154	23 293 696	1	1
Indiana -----	42 346	33 748	98 408	10 373 798	31 373	30 604	1 257 428	10 973	3 144	98 408	9 116 370	1	1
Iowa -----	23 699	19 889	37 825	4 013 077	18 389	18 195	582 160	5 310	1 694	37 825	3 430 917	1	1
Kansas -----	22 547	18 842	46 042	5 192 132	16 940	16 843	716 924	5 607	1 999	46 042	4 475 208	1	2
Kentucky -----	31 572	26 563	55 761	5 718 255	25 261	24 929	914 081	6 311	1 634	55 761	4 804 174	1	1
Louisiana -----	26 981	20 851	76 720	6 523 189	20 642	19 652	777 493	6 339	1 199	76 720	5 745 696	1	1
Maine -----	16 008	12 957	32 706	3 356 436	11 583	11 498	554 644	4 425	1 459	32 706	2 801 792	2	2
Maryland -----	34 694	24 028	160 612	19 578 087	22 191	21 561	2 076 023	12 503	2 467	160 612	17 502 064	1	1
Massachusetts -----	61 171	45 908	143 625	19 210 213	43 312	42 436	3 563 092	17 859	3 472	143 625	15 647 121	1	1
Michigan -----	61 599	48 072	140 085	17 255 267	44 553	43 773	2 042 889	17 046	4 299	140 085	15 212 378	1	1
Minnesota -----	40 021	32 601	83 814	11 422 980	30 337	29 865	1 404 793	9 684	2 736	83 814	10 018 187	1	1
Mississippi -----	17 342	14 419	32 450	3 153 869	13 482	13 334	520 037	3 860	1 085	32 450	2 633 842	1	2
Missouri -----	46 787	38 010	105 191	12 415 405	35 330	34 825	1 454 682	11 457	3 185	105 191	10 960 723	1	1
Montana -----	8 807	7 478	10 186	1 233 681	6 670	6 685	226 722	2 137	793	10 186	1 006 959	2	2
Nebraska -----	14 181	11 418	26 566	2 557 914	10 315	10 145	358 519	3 866	1 273	26 566	2 199 395	2	2
Nevada -----	7 496	5 459	32 961	4 022 055	4 950	4 893	340 007	2 546	566	32 961	3 682 048	1	3
New Hampshire -----	17 600	13 723	37 889	4 643 307	12 263	12 146	911 273	5 337	1 577	37 889	3 732 034	1	2
New Jersey -----	59 711	39 957	187 617	24 289 173	37 463	35 525	3 058 776	22 248	4 432	187 617	21 230 397	1	1
New Mexico -----	10 789	8 165	29 139	2 787 666	7 082	7 042	362 027	3 707	1 123	29 139	2 425 639	2	2
New York -----	104 913	71 412	326 979	38 961 146	68 036	64 942	4 289 938	36 877	6 470	326 979	34 671 208	(Z)	1
North Carolina -----	63 708	51 351	154 844	16 645 666	46 323	46 041	2 160 706	17 385	5 310	154 844	13 484 960	1	1
North Dakota -----	6 216	5 141	11 066	1 077 450	4 408	4 413	140 847	1 808	728	11 066	936 603	2	3
Ohio -----	76 142	60 797	181 669	21 119 999	55 341	54 814	2 399 380	20 801	5 983	181 669	18 720 619	1	1
Oklahoma -----	31 097	26 713	38 728	4 061 546	25 893	25 451	931 706	5 204	1 262	38 728	3 129 840	1	2
Oregon -----	21 898	16 901	38 504	4 564 219	15 429	15 285	764 384	6 469	1 616	38 504	3 799 835	1	1
Pennsylvania -----	86 344	70 268	234 314	27 392 699	61 269	61 111	3 964 077	25 075	9 157	234 314	23 428 622	(Z)	1
Rhode Island -----	9 269	6 403	20 328	2 693 125	6 094	5 895	365 595	3 175	508	20 328	2 327 530	2	2
South Carolina -----	25 455	19 216	95 354	9 815 592	17 679	17 379	1 066 463	7 776	1 837	95 354	8 749 129	1	1
South Dakota -----	6 533	5 601	9 452	936 284	4 881	4 882	173 401	1 652	719	9 452	762 883	3	2
Tennessee -----	43 724	37 854	99 216	11 264 856	34 827	34 953	1 887 050	8 897	2 901	99 216	9 377 806	1	1
Texas -----	146 954	121 332	349 578	38 068 185	114 917	114 025	5 841 061	32 037	7 307	349 578	32 227 124	(Z)	1
Utah -----	14 950	12 119	27 287	3 345 984	11 110	11 003	550 629	3 840	1 116	27 287	2 795 355	2	2
Vermont -----	8 678	6 737	16 630	1 813 246	6 039	5 935	278 253	2 639	802	16 630	1 534 993	2	4
Virginia -----	52 115	39 214	171 298	18 295 113	35 489	34 788	2 243 446	16 626	4 426	171 298	16 051 667	1	1
Washington -----	35 091	26 496	85 585	10 740 896	22 673	22 778	1 265 783	12 418	3 718	85 585	9 475 113	1	1
West Virginia -----	11 550	9 356	20 669	1 712 872	8 713	8 586	220 929	2 837	770	20 669	1 491 943	2	2
Wisconsin -----	34 069	27 094	77 419	8 701 940	23 338	23 351	952 393	10 731	3 743	77 419	7 749 547	1	1
Wyoming -----	4 716	3 775	8 952	854 485	3 410	3 396	100 937	1 306	379	8 952	753 548	2	2

Note: The 1987 United States total does not include data for "Land Subdividers and Developers," SIC 6552. The 1987 State data includes SIC 6552.

¹May include data for an unknown number of cemetery subdividers and developers.

Table 3. General Statistics for Establishments With Payroll by States: 1992 and 1987

[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 appendixes]

Location of establishment	1992							
	Number of establishments	Employees**		Payroll		Value of construction work	Net value of construction work†	Value added‡
		All	Construction workers	All employees	Construction workers			
	A	B	C	D	E	F	G	H
United States	572 851	4 668 280	3 596 200	117 729 651	83 048 158	528 105 847	391 189 891	234 617 817
Alabama	7 653	78 254	62 106	1 637 862	1 145 090	7 461 733	5 524 109	3 064 915
Alaska	1 676	12 969	10 180	473 335	352 775	1 876 384	1 476 131	922 167
Arizona	8 306	86 749	66 453	1 904 417	1 306 317	10 323 979	6 822 623	4 122 386
Arkansas	4 445	34 057	27 101	651 800	482 166	3 302 594	2 483 084	1 350 666
California	64 103	511 115	388 254	14 227 394	9 814 596	64 256 118	46 350 107	28 913 937
Colorado	9 704	83 784	65 441	2 045 952	1 475 890	10 554 643	7 414 061	4 323 209
Connecticut	8 828	55 314	41 211	1 679 071	1 139 678	7 142 704	5 351 737	3 399 181
Delaware	2 071	17 677	13 680	445 084	313 479	1 798 873	1 365 509	839 169
District of Columbia	333	6 954	5 212	215 031	141 583	1 118 172	558 322	350 594
Florida	34 291	274 503	203 988	5 709 605	3 744 663	30 032 845	21 604 733	12 025 405
Georgia	13 581	123 888	95 113	2 712 171	1 860 397	13 761 145	9 840 063	5 372 566
Hawaii	2 481	32 394	24 651	1 112 471	780 394	4 833 246	3 551 632	2 148 283
Idaho	3 541	22 217	17 252	479 350	343 681	2 261 464	1 709 621	1 014 179
Illinois	24 579	211 951	161 927	6 492 735	4 648 497	26 738 481	19 913 253	12 631 107
Indiana	13 124	116 001	90 667	2 939 817	2 156 197	11 888 023	9 428 757	5 582 888
Iowa	6 707	49 212	39 249	1 115 416	831 732	5 090 157	3 913 932	2 253 520
Kansas	5 940	47 936	37 687	1 083 919	777 922	5 255 201	3 943 754	2 231 420
Kentucky	7 337	63 778	50 354	1 363 834	982 150	6 359 330	4 784 223	2 682 035
Louisiana	6 404	91 852	75 352	2 106 170	1 608 648	7 544 546	6 298 427	3 804 749
Maine	3 993	21 445	16 585	453 040	334 492	1 949 900	1 571 233	979 122
Maryland	13 782	134 167	102 371	3 436 910	2 318 702	14 650 489	10 522 861	6 472 251
Massachusetts	13 447	86 755	64 329	2 508 784	1 705 809	11 383 768	8 249 178	5 073 767
Michigan	20 446	141 595	107 740	3 666 125	2 600 447	16 048 438	12 018 699	7 109 697
Minnesota	10 664	85 977	66 389	2 453 914	1 770 908	11 747 155	8 249 248	5 133 010
Mississippi	3 938	34 553	27 763	649 627	468 930	3 153 995	2 444 000	1 319 709
Missouri	12 828	97 064	75 777	2 402 222	1 758 121	10 764 435	7 956 207	4 773 150
Montana	2 561	13 369	10 600	294 240	218 647	1 415 411	1 089 188	608 848
Nebraska	4 324	30 092	23 444	650 066	471 512	3 314 534	2 575 274	1 427 450
Nevada	3 311	41 031	31 415	1 165 636	825 639	5 202 052	3 739 037	2 330 203
New Hampshire	3 319	17 158	12 885	412 461	287 567	1 772 094	1 368 654	814 793
New Jersey	19 643	131 376	99 149	4 009 157	2 799 092	16 492 684	12 951 750	8 401 275
New Mexico	4 001	30 888	24 969	609 996	442 039	2 789 755	2 150 479	1 312 024
New York	36 550	257 391	193 972	7 572 256	5 308 972	30 716 613	23 250 658	14 768 059
North Carolina	18 428	145 527	113 374	2 975 840	2 071 720	13 851 639	10 456 584	5 786 198
North Dakota	1 677	11 799	9 734	251 581	195 768	1 144 246	917 069	534 253
Ohio	23 352	190 335	144 844	4 967 288	3 503 473	22 014 084	16 263 672	9 436 350
Oklahoma	5 596	43 687	34 294	933 174	674 857	4 215 793	3 220 952	1 875 399
Oregon	8 631	53 212	40 854	1 354 875	982 628	6 141 153	4 538 490	2 720 742
Pennsylvania	26 222	213 478	165 712	5 620 793	4 076 840	24 007 544	18 000 782	11 183 225
Rhode Island	2 866	13 981	10 587	359 207	255 114	1 808 866	1 258 332	766 729
South Carolina	8 444	69 688	53 984	1 414 933	1 017 277	6 217 724	4 632 778	2 537 367
South Dakota	1 999	12 836	10 294	253 483	188 056	1 233 892	976 794	561 172
Tennessee	9 270	89 768	70 234	1 965 588	1 370 722	9 470 394	6 704 111	3 632 375
Texas	29 110	335 521	261 195	8 012 865	5 605 753	36 731 358	27 465 448	16 444 347
Utah	4 366	34 950	27 708	775 340	581 218	3 774 719	2 691 420	1 592 868
Vermont	2 544	11 878	9 186	241 116	175 366	1 196 993	863 228	495 560
Virginia	17 151	143 644	111 868	3 160 154	2 183 285	14 033 074	10 495 150	6 110 086
Washington	17 279	121 799	94 066	3 351 695	2 396 511	15 370 231	11 285 723	6 745 006
West Virginia	3 595	24 982	20 244	541 649	411 521	1 998 433	1 715 113	1 093 773
Wisconsin	12 714	96 781	75 745	2 634 937	1 957 373	11 078 769	8 491 178	5 096 395
Wyoming	1 692	10 948	9 012	235 264	183 942	915 974	742 521	450 239

Note: The 1987 United States total does not include data for "Land Subdividers and Developers," SIC 6552. The 1987 State data includes SIC 6552.

1992—Con.						1987			Relative standard error of estimate (percent) for column—			Location of establishment
Cost of materials, components, supplies, and fuels	Cost of construction work sub-contracted out to others	Value of construction work sub-contracted in from others	Rental cost for machinery, equipment, and buildings	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees**	Value of construction work	Value added††	B	G	M	
I	J	K	L	M	N	O	P	Q				
167 550 884	136 915 956	142 608 034	8 364 021	7 902 110	76 099 045	5 014 598	495 346 312	227 934 191	(Z)	(Z)	1	US
2 623 787	1 937 625	1 768 171	103 826	115 313	1 067 891	84 812	7 261 360	2 946 167	1	1	5	AL
603 496	400 253	536 997	44 084	60 955	465 366	12 764	1 680 844	932 139	2	2	4	AK
2 848 631	3 501 356	3 104 673	161 474	123 711	998 778	97 854	9 973 925	4 213 191	1	1	3	AZ
1 190 735	819 511	781 281	53 423	76 659	649 133	30 434	2 400 570	1 032 258	1	1	7	AR
18 453 936	17 906 010	20 642 834	1 255 817	651 010	7 039 070	598 320	71 177 525	32 876 569	(Z)	(Z)	2	CA
3 251 593	3 140 582	3 038 884	164 655	188 740	1 232 264	79 961	8 276 694	3 506 543	1	1	4	CO
2 061 862	1 790 966	1 776 097	120 358	83 466	1 109 947	89 494	9 549 266	4 793 254	1	1	4	CT
558 178	433 363	452 856	37 100	27 505	307 441	19 728	1 697 841	790 909	1	1	5	DE
219 292	459 850	190 626	13 730	5 461	80 658	11 222	1 351 297	500 280	3	2	3	DC
10 091 882	8 428 112	7 818 648	440 839	394 569	3 684 470	329 877	30 391 051	12 538 541	(Z)	1	2	FL
4 664 801	3 921 082	3 275 086	189 150	185 957	1 798 389	149 698	14 405 566	5 963 428	1	1	4	GA
1 520 561	1 281 614	1 337 082	81 560	69 589	629 436	21 706	2 849 780	1 288 730	1	1	4	HI
792 204	551 842	587 742	33 937	54 465	413 638	13 847	1 723 338	585 196	2	2	6	ID
7 819 936	6 825 228	7 811 901	403 411	409 781	3 857 656	209 154	22 575 712	10 927 571	1	1	2	IL
4 048 415	2 459 265	3 058 713	162 072	215 371	1 738 867	98 408	8 799 822	4 205 974	1	1	4	IN
1 802 873	1 176 225	1 194 928	59 396	115 200	1 023 397	37 825	3 341 668	1 468 040	1	1	5	IA
1 837 656	1 311 447	1 226 873	81 892	114 434	941 220	46 042	4 291 125	1 958 207	1	2	4	KS
2 253 649	1 575 107	1 601 057	91 551	129 725	1 043 879	55 761	4 603 454	2 060 016	(Z)	1	4	KY
2 625 071	1 246 119	1 607 322	175 553	135 194	1 502 724	76 720	5 598 712	2 826 778	1	1	5	LA
659 550	378 667	428 976	83 824	47 760	549 794	32 706	2 701 081	1 374 526	2	2	5	ME
4 504 245	4 127 628	4 271 256	199 418	152 894	1 946 712	160 612	16 523 797	7 694 849	1	1	4	MD
3 340 568	3 134 589	3 186 392	161 115	125 187	1 502 862	143 625	15 082 398	7 056 735	1	1	3	MA
5 256 361	4 029 739	4 655 280	238 464	274 924	2 558 404	140 085	14 654 738	6 915 232	1	1	3	MI
3 404 731	3 497 907	3 072 213	177 327	209 415	1 794 389	83 814	9 702 867	4 349 314	1	1	3	MN
1 191 304	709 995	732 843	51 778	57 114	550 470	32 450	2 557 272	1 109 665	1	2	5	MS
3 453 787	2 808 228	2 966 895	136 306	194 051	1 678 965	105 191	10 501 073	4 867 062	1	1	3	MO
521 084	326 224	343 525	24 715	50 815	311 246	10 186	975 525	507 705	2	2	6	MT
1 219 109	739 261	836 103	43 488	67 544	581 505	26 566	2 137 566	952 428	1	1	5	NE
1 528 006	1 463 015	1 768 434	90 897	95 424	1 357 406	32 961	3 542 235	1 648 169	1	1	3	NV
637 843	403 440	526 999	31 296	29 122	367 591	37 889	3 547 066	1 608 817	1	1	5	NH
4 907 406	3 540 934	4 407 998	254 758	187 672	2 188 132	187 617	20 064 340	10 165 521	1	1	3	NJ
873 768	639 276	749 421	44 789	58 489	495 259	29 139	2 347 300	1 071 100	1	1	7	NM
9 114 592	7 465 955	8 097 102	442 685	324 994	3 758 837	326 979	33 594 491	17 131 349	(Z)	(Z)	2	NY
4 940 910	3 395 055	3 515 529	185 467	253 014	2 544 345	154 844	12 928 252	5 364 564	1	1	3	NC
404 539	227 176	230 155	24 260	28 548	264 841	11 066	901 567	412 270	2	2	7	ND
7 373 324	5 750 412	5 617 103	309 379	339 009	3 004 919	181 669	18 095 164	8 287 663	(Z)	1	2	OH
1 407 022	994 841	1 035 484	77 283	81 453	685 706	38 728	3 030 883	1 421 363	1	1	4	OK
1 956 915	1 602 663	1 843 564	125 228	101 984	777 533	38 504	3 675 649	1 739 743	1	1	6	OR
7 403 337	6 006 762	6 064 622	370 958	337 971	3 703 576	234 314	22 632 570	11 065 791	(Z)	(Z)	2	PA
532 692	550 534	421 959	26 508	20 166	231 347	20 328	2 271 298	952 879	1	2	12	RI
2 182 697	1 584 946	1 644 893	86 122	103 110	988 460	95 354	7 870 379	3 787 970	1	1	5	SC
437 613	257 097	307 339	18 930	35 256	272 022	9 452	724 664	352 553	2	2	9	SD
3 195 624	2 766 283	2 293 286	125 265	169 126	1 469 507	99 216	9 058 512	3 743 920	1	1	3	TN
11 945 512	9 265 910	8 533 291	666 131	549 908	5 230 903	349 578	30 712 341	13 767 035	(Z)	1	3	TX
1 197 283	1 083 299	1 157 015	63 675	87 670	610 777	27 287	2 698 609	1 181 307	1	1	5	UT
390 491	333 765	192 294	18 173	19 644	236 679	16 630	1 479 576	634 232	2	2	13	VT
4 645 426	3 537 923	3 984 035	200 477	186 642	2 320 362	171 298	15 218 417	6 624 200	1	1	3	VA
4 925 143	4 084 508	4 261 704	241 731	232 457	1 831 649	85 585	9 149 222	4 197 508	1	1	3	WA
696 603	283 320	407 509	36 630	48 532	465 601	20 669	1 440 174	825 347	1	1	6	WV
3 716 829	2 587 592	3 049 072	158 775	244 139	1 979 103	77 419	7 481 951	3 605 139	1	1	3	WI
318 013	173 454	193 974	24 341	30 970	255 917	8 952	731 687	344 334	2	2	10	WY

Table 4. Detailed Statistics for Establishments With Payroll by Geographic Area: 1992

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and States included in census geographic regions, see appendixes]

Item	Establishments located in the--					Relative standard error of estimate (percent) for column--				
	United States	Northeast	Midwest	South	West	A	B	C	D	E
	A	B	C	D	E					
Number of establishments in business during year -----	572 851	117 413	138 355	185 431	131 653	(Z)	(Z)	(Z)	(Z)	(Z)
Proprietors and working partners -----	251 041	42 383	59 898	74 254	74 505	(Z)	1	1	1	(Z)
All employees** -----	4 668 280	808 776	1 091 578	1 712 500	1 055 427	(Z)	(Z)	(Z)	(Z)	(Z)
Construction workers:										
March -----	3 279 642	536 169	717 770	1 264 441	761 262	(Z)	(Z)	(Z)	(Z)	(Z)
May -----	3 650 182	623 285	866 423	1 341 164	819 310	(Z)	(Z)	(Z)	(Z)	(Z)
August -----	3 872 139	675 712	943 828	1 385 077	867 523	(Z)	(Z)	(Z)	(Z)	(Z)
November -----	3 582 836	619 297	845 966	1 322 249	795 325	(Z)	(Z)	(Z)	(Z)	(Z)
Average -----	3 596 200	613 616	843 497	1 328 233	810 855	(Z)	(Z)	(Z)	(Z)	(Z)
Other employees:										
March -----	1 075 709	195 980	245 586	387 370	246 772	(Z)	(Z)	(Z)	(Z)	(Z)
May -----	1 065 118	194 063	247 606	380 826	242 624	(Z)	(Z)	(Z)	(Z)	(Z)
August -----	1 073 431	194 509	250 255	382 854	245 813	(Z)	(Z)	(Z)	(Z)	(Z)
November -----	1 074 063	196 089	248 879	386 018	243 078	(Z)	(Z)	(Z)	(Z)	(Z)
Average -----	1 072 080	195 160	248 081	384 267	244 572	(Z)	(Z)	(Z)	(Z)	(Z)
Payroll, all employees -----	117 729 651	22 855 885	28 911 503	37 932 299	28 029 964	(Z)	(Z)	(Z)	(Z)	(Z)
Payroll, construction workers -----	83 048 158	16 082 931	20 860 006	26 400 943	19 704 278	(Z)	(Z)	(Z)	(Z)	(Z)
Payroll, other employees -----	34 681 493	6 772 954	8 051 497	11 531 356	8 325 686	(Z)	(Z)	(Z)	(Z)	(Z)
First-quarter payroll, all employees -----	25 769 714	4 914 666	5 953 025	8 606 061	6 295 962	(Z)	(Z)	(Z)	(Z)	(Z)
Fringe benefits, all employees -----	29 397 159	6 330 959	7 827 791	7 946 978	7 291 430	(Z)	(Z)	(Z)	(Z)	(Z)
Legally required expenditures -----	19 095 920	3 839 477	4 773 101	5 743 663	4 739 678	(Z)	(Z)	(Z)	(Z)	(Z)
Voluntary expenditures -----	10 301 239	2 491 482	3 054 690	2 203 315	2 551 752	(Z)	(Z)	(Z)	(Z)	(Z)
Dollar value of business done -----	539 084 657	98 535 666	129 215 161	179 185 010	132 148 821	(Z)	(Z)	(Z)	(Z)	(Z)
Value of construction work -----	528 105 847	96 471 165	126 317 414	175 602 138	129 715 129	(Z)	(Z)	(Z)	(Z)	(Z)
Value of construction work subcontracted in from others -----	142 608 034	25 102 438	34 026 575	43 913 172	39 565 850	(Z)	1	1	1	1
Other business -----	10 978 810	2 064 500	2 897 746	3 582 872	8 423 692	1	1	1	1	3
Net value of construction work† -----	391 189 891	72 865 551	94 647 838	130 115 468	93 561 034	(Z)	(Z)	(Z)	(Z)	(Z)
Value added†† -----	234 617 817	45 881 710	56 770 412	74 761 603	57 204 092	(Z)	(Z)	(Z)	(Z)	(Z)
Selected costs -----	304 466 840	52 653 955	72 444 749	104 423 407	74 944 729	(Z)	(Z)	(Z)	(Z)	(Z)
Materials, components, and supplies -----	158 859 963	27 500 103	38 659 869	55 844 828	36 855 163	(Z)	(Z)	(Z)	(Z)	(Z)
Construction work subcontracted to others -----	136 915 956	23 605 614	31 669 577	45 486 670	36 154 096	(Z)	1	(Z)	(Z)	(Z)
Selected power, fuels, and lubricants -----	8 690 921	1 548 239	2 115 303	3 091 909	1 935 471	(Z)	(Z)	(Z)	(Z)	(Z)
Electricity -----	1 469 035	294 495	336 768	512 123	325 649	(Z)	1	1	1	1
Natural and manufactured gas -----	464 155	74 100	150 005	147 197	92 853	(Z)	1	1	1	1
Gasoline and diesel fuel -----	6 240 812	1 080 942	1 502 356	2 246 614	1 410 899	(Z)	1	(Z)	(Z)	(Z)
On highway use -----	4 479 896	810 786	1 045 479	1 579 789	1 043 842	(Z)	1	1	(Z)	1
Off highway use -----	1 760 915	270 156	456 877	666 826	367 057	(Z)	1	1	1	1
Other, including lubricating oils and greases -----	516 919	98 701	126 174	185 975	106 069	1	1	1	1	1
Rental cost for machinery, equipment, and buildings -----	8 364 021	1 459 676	1 813 700	2 733 742	2 356 903	(Z)	1	1	1	1
For machinery and equipment -----	5 617 243	890 571	1 205 230	1 941 748	1 579 695	(Z)	1	1	1	1
For buildings -----	2 746 777	569 104	608 471	791 994	777 208	(Z)	1	1	1	1
Selected purchased services -----	9 050 015	1 560 462	2 253 864	3 091 078	2 144 611	(Z)	1	1	1	1
Communication services -----	2 741 739	524 838	616 463	927 559	672 879	1	1	1	1	1
Repairs to buildings and other structures -----	496 632	95 970	126 220	163 040	111 402	1	2	3	2	2
Repairs to machinery and equipment -----	5 811 644	939 655	1 511 181	2 000 478	1 360 330	(Z)	1	1	1	1
Ownership of construction projects:										
Value of construction work -----	528 105 847	96 471 165	126 317 414	175 602 138	129 715 129	(Z)	(Z)	(Z)	(Z)	(Z)
Government owned -----	133 767 207	25 751 526	31 607 590	42 916 344	33 491 747	(Z)	1	1	1	1
Federal -----	30 243 555	4 043 477	5 824 536	12 052 161	8 323 381	1	1	1	1	1
State and local -----	103 523 652	21 708 049	25 783 054	30 864 183	25 168 366	(Z)	1	1	1	1
Privately owned -----	394 338 640	70 719 639	94 709 825	132 685 794	96 223 382	(Z)	(Z)	(Z)	(Z)	(Z)

Table 5. Detailed Statistics for Establishments With Payroll by Geographic Area: 1987

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and States included in census geographic regions, see appendixes]

Item	Establishments located in the--					Relative standard error of estimate (percent) for column--				
	United States	Northeast	Midwest	South	West	A	B	C	D	E
	A	B	C	D	E					
Number of establishments in business during year -----	536 276	128 394	119 513	181 495	114 829	(Z)	(Z)	(Z)	(Z)	(Z)
Proprietors and working partners -----	138 701	30 266	34 076	42 636	32 757	(Z)	1	1	1	1
All employees** -----	5 014 598	1 089 585	1 026 699	1 881 009	1 057 073	(Z)	(Z)	(Z)	(Z)	(Z)
Construction workers:										
March -----	3 641 188	761 480	691 663	1 429 907	766 783	(Z)	(Z)	(Z)	(Z)	(Z)
May -----	4 013 101	874 276	825 822	1 501 340	821 297	(Z)	(Z)	(Z)	(Z)	(Z)
August -----	4 272 270	938 199	906 050	1 562 023	876 173	(Z)	(Z)	(Z)	(Z)	(Z)
November -----	3 990 976	872 789	828 224	1 476 733	822 041	(Z)	(Z)	(Z)	(Z)	(Z)
Average -----	3 979 385	861 686	812 940	1 492 501	821 573	(Z)	(Z)	(Z)	(Z)	(Z)
Other employees:										
March -----	1 020 820	222 237	207 781	388 754	232 250	(Z)	(Z)	(Z)	(Z)	(Z)
May -----	1 029 151	226 610	212 941	384 999	234 497	(Z)	(Z)	(Z)	(Z)	(Z)
August -----	1 049 248	231 875	218 212	391 441	239 184	(Z)	(Z)	(Z)	(Z)	(Z)
November -----	1 042 012	230 977	216 178	388 979	236 120	(Z)	(Z)	(Z)	(Z)	(Z)
Average -----	1 035 308	227 925	213 778	388 543	235 513	(Z)	(Z)	(Z)	(Z)	(Z)
Payroll, all employees -----	110 199 890	26 476 775	23 881 134	35 916 743	24 792 664	(Z)	(Z)	(Z)	(Z)	(Z)
Payroll, construction workers -----	79 588 691	19 015 782	17 602 576	25 501 035	17 622 267	(Z)	(Z)	(Z)	(Z)	(Z)
Payroll, other employees -----	30 611 196	7 460 993	6 278 558	10 415 707	7 170 397	(Z)	(Z)	(Z)	(Z)	(Z)
First-quarter payroll, all employees -----	24 166 639	5 612 332	5 007 275	8 204 370	5 544 500	(Z)	(Z)	(Z)	(Z)	(Z)
Fringe benefits, all employees -----	24 793 259	6 299 996	5 746 408	6 893 695	5 966 540	(Z)	(Z)	(Z)	(Z)	(Z)
Legally required expenditures -----	16 908 658	4 240 824	3 691 552	5 031 416	4 051 402	(Z)	(Z)	(Z)	(Z)	(Z)
Voluntary expenditures -----	7 884 599	2 059 171	2 054 856	1 862 279	1 945 137	(Z)	(Z)	(Z)	(Z)	(Z)
Dollar value of business done -----	514 937 596	115 283 611	106 876 531	175 632 859	124 672 360	(Z)	(Z)	(Z)	(Z)	(Z)
Value of construction work -----	495 346 312	110 922 090	103 207 922	167 049 883	118 802 337	(Z)	(Z)	(Z)	(Z)	(Z)
Value of construction work subcontracted in from others -----	118 720 566	26 083 852	24 341 743	37 358 711	31 020 711	(Z)	1	1	1	1
Other business receipts -----	19 591 285	2 640 676	2 643 084	4 548 412	3 141 662	1	1	1	1	1
Net value of construction work -----	365 240 579	84 677 691	77 444 096	121 978 438	83 645 507	(Z)	(Z)	(Z)	(Z)	(Z)
Value added†† -----	227 934 191	54 783 108	48 301 458	72 997 296	54 092 240	(Z)	(Z)	(Z)	(Z)	(Z)
Selected costs -----	279 977 099	58 779 658	57 549 548	98 601 004	67 851 754	(Z)	(Z)	(Z)	(Z)	(Z)
Materials, components, and supplies -----	142 232 703	30 929 835	30 141 970	50 755 611	31 011 943	(Z)	(Z)	(Z)	(Z)	(Z)
Construction work subcontracted out to others -----	130 105 731	26 244 399	25 763 826	45 071 445	35 156 830	(Z)	1	1	(Z)	1
Selected power, fuels, and lubricants -----	7 638 661	1 605 423	1 643 751	2 773 948	1 682 980	(Z)	(Z)	(Z)	(Z)	(Z)
Electricity -----	1 089 309	239 991	211 445	410 922	250 448	(Z)	1	1	1	1
Natural and manufactured gas -----	303 467	54 198	97 840	93 530	60 563	(Z)	1	1	1	1
Gasoline and diesel fuel -----	5 726 657	1 201 583	1 222 194	2 079 004	1 258 828	(Z)	(Z)	(Z)	(Z)	(Z)
On highway use -----	4 125 204	921 496	845 468	1 470 156	919 114	(Z)	(Z)	(Z)	(Z)	(Z)
Off highway use -----	1 601 450	280 087	376 726	608 848	339 714	(Z)	1	1	1	1
Other, including lubricating oils and greases -----	519 226	109 650	112 270	190 490	113 140	(Z)	1	1	1	1
Rental cost for machinery, equipment, and buildings -----	7 717 643	1 634 690	1 383 710	2 540 181	2 194 159	(Z)	1	1	1	1
For machinery and equipment -----	5 441 521	1 138 721	952 498	1 799 740	1 561 832	(Z)	1	1	1	1
For buildings -----	2 276 121	495 969	431 211	740 441	632 326	(Z)	1	1	1	1
Selected purchased services -----	7 539 794	1 527 626	1 629 245	2 698 825	1 760 803	(Z)	1	1	(Z)	1
Communication services -----	2 050 017	481 001	404 306	695 158	499 880	(Z)	1	1	1	1
Repairs to buildings and other structures -----	436 677	106 429	94 064	153 224	97 206	1	2	2	2	2
Repairs to machinery and equipment -----	5 053 097	940 196	1 130 874	1 850 442	1 163 717	(Z)	1	1	(Z)	1
Ownership of construction projects:										
Value of construction work -----	495 346 312	110 922 090	103 207 922	167 049 883	118 802 337	(Z)	(Z)	(Z)	(Z)	(Z)
Government owned -----	98 300 967	18 403 012	22 053 549	33 837 342	24 071 671	(Z)	1	1	1	1
Federal -----	26 434 306	3 665 897	5 307 614	9 797 524	7 670 233	1	1	1	1	1
State and local -----	71 866 661	14 737 115	16 745 934	24 039 818	16 401 438	(Z)	1	1	1	1
Privately owned -----	397 045 344	92 519 077	81 154 373	133 212 541	94 730 666	(Z)	(Z)	(Z)	(Z)	(Z)

Note: The 1987 United States total does not include data for "Land Subdividers and Developers," SIC 6552. The 1987 State data includes SIC 6552.

Table 6. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll by Geographic Area: 1992

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and States included in census geographic regions, see appendixes]

Item	Establishments located in the--					Relative standard error of estimate (percent) for column--				
	United States	Northeast	Midwest	South	West	A	B	C	D	E
	A	B	C	D	E					
BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT										
Beginning-of-year gross book value of depreciable assets-----	72 145 630	13 059 754	18 380 673	25 151 014	15 554 190	(Z)	1	1	1	1
Capital expenditures, other than land-----	7 902 110	1 175 981	2 247 672	2 672 176	1 806 280	1	1	1	1	1
New-----	5 906 727	909 007	1 675 948	2 043 668	1 278 103	1	1	1	1	1
Used-----	1 995 383	266 974	571 724	628 508	528 178	1	2	2	2	2
Retirements and disposition of depreciable assets-----	3 948 695	586 969	933 057	1 486 540	942 130	1	3	2	2	2
End-of-year gross book value of depreciable assets-----	76 099 045	13 648 765	19 695 288	26 336 650	16 418 341	(Z)	1	1	1	1
Depreciation charges during year-----	7 959 106	1 418 281	2 052 867	2 718 236	1 769 723	(Z)	1	1	1	1
Buildings and Other Structures, Additions, and Related Facilities										
Beginning-of-year gross book value of depreciable assets-----	11 194 295	1 969 043	2 606 560	4 344 244	2 274 449	1	2	2	2	2
Capital expenditures, other than land-----	784 990	141 764	203 591	264 139	175 496	2	3	4	3	4
New buildings and other structures-----	602 408	110 449	156 947	194 673	140 340	2	4	5	4	4
Used buildings and other structures-----	182 581	31 315	46 644	69 466	35 157	3	7	8	6	6
Retirements and disposition of depreciable assets-----	530 346	53 313	175 972	139 846	161 214	3	12	4	6	3
End-of-year gross book value of depreciable assets-----	11 448 939	2 057 493	2 634 179	4 468 536	2 288 731	1	2	1	2	2
Depreciation charges during year-----	828 553	153 847	194 715	296 432	183 560	1	3	2	3	3
Machinery and Equipment										
Beginning-of-year gross book value of depreciable assets-----	60 951 335	11 090 711	15 774 113	20 806 770	13 279 741	(Z)	1	1	1	1
Capital expenditures, other than land-----	7 117 120	1 034 217	2 044 081	2 408 037	1 630 784	1	1	1	1	1
New machinery and equipment, including automobiles and trucks-----	5 304 318	798 558	1 519 001	1 848 996	1 137 763	1	1	1	1	1
New automobiles and trucks, intended primarily for highway use-----	1 974 643	322 271	539 939	678 737	433 696	1	2	2	1	2
Used machinery and equipment, including automobiles and trucks-----	1 812 802	235 659	525 080	559 041	493 021	1	2	2	2	2
Retirements and disposition of depreciable assets-----	3 418 349	533 656	757 084	1 346 693	780 916	1	3	2	2	3
End-of-year gross book value of depreciable assets-----	64 650 106	11 591 272	17 061 109	21 868 114	14 129 610	(Z)	1	1	1	1
Depreciation charges during year-----	7 130 553	1 264 434	1 858 153	2 421 804	1 586 163	(Z)	1	1	1	1

Table 7. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll by Geographic Area: 1987

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and States included in census geographic regions, see appendixes]

Item	Establishments located in the--					Relative standard error of estimate (percent) for column--				
	United States	Northeast	Midwest	South	West	A	B	C	D	E
	A	B	C	D	E					
BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT										
Beginning-of-year gross book value of depreciable assets	56 583 766	10 853 771	13 199 816	21 580 564	12 126 458	(Z)	1	1	1	1
Capital expenditures, other than land	8 281 784	1 967 479	1 847 872	2 962 788	1 615 530	(Z)	1	1	1	1
New	6 453 092	1 638 059	1 405 336	2 308 100	1 201 063	1	1	1	1	1
Used	1 828 692	329 420	442 535	654 688	414 466	1	2	2	1	2
Retirements and disposition of depreciable assets	3 418 263	546 858	668 016	1 534 540	789 981	1	5	2	2	2
End-of-year gross book value of depreciable assets	61 447 288	12 274 392	14 379 671	23 008 812	12 952 007	(Z)	1	1	1	1
Depreciation charges during year	7 358 890	1 563 510	1 600 441	2 790 178	1 524 046	(Z)	1	1	1	1
Buildings and other Structures, Additions, and Related Facilities										
Beginning-of-year gross book value of depreciable assets	11 759 037	2 462 783	2 660 686	4 512 789	2 749 797	1	3	3	1	2
Capital expenditures, other than land	1 262 842	269 220	258 192	506 526	295 576	1	2	3	3	3
New buildings and other structures	930 262	203 023	190 652	380 250	219 181	2	3	3	3	4
Used buildings and other structures	332 578	66 197	67 539	126 275	76 395	2	4	4	4	6
Retirements and disposition of depreciable assets	614 777	181 691	103 616	260 241	167 496	4	4	6	5	6
End-of-year gross book value of depreciable assets	12 407 102	2 550 312	2 815 261	4 759 074	2 877 877	1	2	2	1	2
Depreciation charges during year	1 047 943	220 209	215 645	435 307	233 065	1	2	4	1	2
Machinery and Equipment										
Beginning-of-year gross book value of depreciable assets	44 824 727	8 390 988	10 539 130	17 067 775	9 376 660	(Z)	1	1	1	1
Capital expenditures, other than land	7 018 941	1 698 259	1 589 679	2 456 262	1 319 953	(Z)	1	1	1	1
New machinery and equipment, including automobiles and trucks	5 522 827	1 435 036	1 214 683	1 927 850	981 882	1	1	1	1	1
New automobiles and trucks, intended primarily for highway use	2 558 831	728 920	536 940	852 126	455 155	1	1	1	1	1
Used machinery and equipment, including automobiles and trucks	1 496 111	263 222	374 996	528 412	338 071	1	2	2	2	2
Retirements and disposition of depreciable assets	2 803 484	365 167	564 399	1 274 299	622 484	1	3	2	3	2
End-of-year gross book value of depreciable assets	49 040 183	9 724 080	11 564 410	18 249 738	10 074 129	(Z)	1	1	1	1
Depreciation charges during year	6 310 946	1 343 301	1 384 796	2 354 871	1 290 980	(Z)	1	1	1	1

Note: The 1987 United States total does not include data for "Land Subdividers and Developers," SIC 6552. The 1987 State data includes SIC 6552.

Table 8. Value of Inventories for Establishments With Payroll by Geographic Area: 1992 and 1991

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and States included in census geographic regions, see appendixes]

Item	Establishments located in the—					Relative standard error of estimate (percent) for column—				
	United States	Northeast	Midwest	South	West	A	B	C	D	E
	A	B	C	D	E	A	B	C	D	E
All establishments:										
Number	572 851	117 413	138 355	185 431	131 653	(Z)	(Z)	(Z)	(Z)	(Z)
Value of construction work	528 105 847	96 471 165	126 317 414	175 602 138	129 715 129	(Z)	(Z)	(Z)	(Z)	(Z)
Establishments with inventories:										
Number	174 658	34 577	45 933	51 165	42 983	(Z)	1	1	1	1
Value of construction work	214 442 835	38 067 428	58 871 627	63 039 042	54 464 737	(Z)	(Z)	(Z)	(Z)	(Z)
Inventories¹:										
End of 1992, materials and supplies	7 186 087	1 257 651	1 858 976	2 347 890	1 721 571	1	3	2	2	2
End of 1991, materials and supplies	6 555 443	1 247 347	1 735 503	2 178 068	1 394 524	1	2	2	3	2
Establishments with no inventories:										
Number	204 929	41 243	49 954	67 043	46 690	(Z)	1	1	1	1
Value of construction work	204 630 721	34 507 045	45 854 271	72 899 350	51 370 055	(Z)	(Z)	(Z)	(Z)	(Z)
Establishments not reporting:										
Number	193 264	41 593	42 468	67 223	41 980	(Z)	1	1	1	1
Value of construction work	109 032 291	23 896 692	21 591 516	39 663 746	23 880 337	(Z)	(Z)	1	1	1

¹Inventories at cost or market prior to any adjustment to correct to LIFO values.

Table 9. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

[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 appendixes]

Selected statistics	Total	Establishments with an average of—								
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees or more
1992										
Number of establishments	572 851	358 645	110 704	58 712	32 047	8 351	3 438	699	191	65
All employees**	4 668 280	675 891	706 582	773 139	944 903	565 746	500 345	234 165	128 169	139 341
Payroll, all employees	117 729 651	11 248 729	14 336 293	18 394 177	25 703 413	16 765 000	15 386 631	7 557 666	3 851 927	4 485 815
Dollar value of business done	539 084 657	71 037 464	65 424 512	78 548 805	110 769 948	74 418 934	71 186 421	34 249 700	18 074 607	15 374 265
Value of construction work	528 105 847	70 051 576	64 267 436	77 166 580	108 727 957	72 866 138	69 472 149	33 385 236	17 505 307	14 663 468
Net value of construction work†	391 189 891	55 312 453	51 005 349	60 298 622	80 759 203	52 066 587	46 856 641	22 636 348	11 748 707	10 505 981
Value added††	234 617 817	30 489 519	29 568 883	35 842 182	48 391 321	31 932 535	28 766 758	14 217 400	7 651 504	7 757 716
Cost of materials, components, supplies, and fuels	167 550 884	25 808 823	22 593 542	25 838 666	34 409 873	21 686 848	19 804 155	9 283 412	4 666 503	3 459 062
Cost of construction work subcontracted out to others	136 915 956	14 739 123	13 262 087	16 867 958	27 968 754	20 799 551	22 615 508	10 748 889	5 756 600	4 157 487
Rental cost for machinery, equipment, and buildings	8 364 021	833 694	955 475	1 243 586	1 755 670	1 195 396	1 204 467	667 715	284 906	223 112
Capital expenditures, other than land	7 902 110	1 124 552	1 031 751	1 243 050	1 546 008	1 048 839	1 027 267	524 965	177 649	178 029
End-of-year gross book value of depreciable assets	76 099 045	9 311 582	9 352 108	11 357 807	15 430 496	10 275 212	10 824 124	4 684 009	1 964 201	2 899 505
1987										
All employees**	5 014 599	619 270	737 572	834 011	1 048 003	628 528	831 897	(D)	315 319	(D)
Value of construction work	495 346 313	57 003 686	57 331 421	72 045 916	103 647 657	70 186 791	102 767 671	(D)	32 363 171	(D)
Value added††	227 934 192	24 732 300	27 309 978	34 592 753	48 616 930	31 643 197	45 554 920	(D)	15 484 115	(D)
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees**	(Z)	(Z)	1	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Net value of construction work†	(Z)	1	1	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Capital expenditures, other than land	1	2	2	2	1	(Z)	(Z)	(Z)	(Z)	(Z)

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

Table 10. Selected Statistics by Size Class of the Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

[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 appendixes]

Selected statistics	Total	Establishments with dollar value of business done of—									
		Less than \$25,000	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 or more
1992											
Number of establishments -----	572 851	(S)	(S)	80 373	155 489	100 447	69 472	53 286	19 516	9 779	7 363
All employees** -----	4 668 280	(S)	(S)	131 881	443 950	506 870	588 368	810 356	562 967	480 439	1 069 009
Payroll, all employees -----	117 729 651	(S)	(S)	1 511 454	6 457 808	9 176 783	12 384 318	20 173 160	15 744 373	14 867 406	36 774 816
Dollar value of business done -----	539 084 657	(S)	(S)	5 884 097	25 291 274	35 268 284	48 463 582	81 266 534	67 404 403	67 022 344	206 398 207
Value of construction work -----	528 105 847	(S)	(S)	5 824 803	25 001 181	34 780 828	47 637 147	79 680 491	66 127 683	65 823 667	201 161 345
Net value of construction work† -----	391 189 891	(S)	(S)	5 389 955	22 667 495	30 727 723	40 508 376	64 944 324	51 685 205	48 781 304	124 563 876
Value added†† -----	234 617 817	(S)	(S)	3 299 618	13 572 856	17 979 943	23 883 860	38 193 666	30 689 413	28 980 017	76 837 550
Cost of materials, components, supplies, and fuels -----	167 550 884	(S)	(S)	2 149 631	9 384 732	13 235 236	17 450 951	28 336 700	22 272 512	20 999 964	52 963 188
Cost of construction work subcontracted out to others -----	136 915 956	(S)	(S)	(S)	2 333 686	4 053 106	7 128 771	14 736 168	14 442 478	17 042 363	76 597 469
Rental cost for machinery, equipment, and buildings -----	8 364 021	(S)	(S)	84 804	383 337	582 425	810 961	1 323 784	1 061 461	1 082 728	3 007 872
Capital expenditures, other than land ----	7 902 110	(S)	(S)	124 650	540 740	716 142	865 886	1 311 973	975 421	954 544	2 375 334
End-of-year gross book value of depreciable assets -----	76 099 045	(S)	(S)	1 079 237	4 420 466	6 006 733	7 849 174	12 407 220	9 619 976	9 201 008	25 131 986
1987											
All employees** -----	5 014 599	(S)	(S)	(S)	475 893	530 638	615 692	866 639	636 467	525 720	1 124 887
Value of construction work -----	495 346 313	(S)	(S)	(S)	22 980 817	31 377 884	44 221 226	77 452 032	66 785 301	61 837 092	183 013 950
Value added†† -----	227 934 192	(S)	(S)	(S)	12 781 330	16 724 043	22 628 210	38 216 403	31 911 015	28 115 637	73 061 966
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees** -----	(Z)	(S)	(S)	1	1	1	1	(Z)	(Z)	(Z)	(Z)
Net value of construction work† -----	(Z)	(S)	(S)	1	1	1	1	1	1	(Z)	(Z)
Capital expenditures, other than land ----	1	(S)	(S)	3	2	2	2	2	1	1	(Z)

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

Table 11. Value of Construction Work for Establishments With Payroll by Geographic Area and Type of Construction: 1992 and 1987

[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 appendixes]

Geographic area and type of construction	1992 value of construction work				1987 value of construction work	Relative standard error of estimate (percent) for column—				
	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair		A	B	C	D	E
	A	B	C	D						
UNITED STATES										
Value of construction work	528 105 847	319 107 740	126 231 473	66 657 563	495 346 312	(Z)	(Z)	(Z)	(Z)	(Z)
Building construction	390 814 089	247 028 470	100 050 141	43 735 479	368 002 219	(Z)	(Z)	(Z)	(Z)	(Z)
Single-family houses	142 006 481	104 912 221	23 947 504	13 146 755	122 202 213	(Z)	1	1	1	(Z)
Single-family houses, detached	126 304 885	93 336 579	21 627 966	11 340 339	101 275 330	(Z)	1	1	1	(Z)
Single-family houses, attached, including townhouses and townhouse-type condominiums	15 701 596	11 575 642	2 319 538	1 806 416	20 926 883	1	1	2	2	1
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	15 533 543	8 743 197	3 929 506	2 860 839	22 056 956	1	1	2	1	(Z)
Other residential buildings, including hotels, motels, and tourist cabins	6 835 472	4 191 106	1 831 386	812 980	14 302 766	1	1	2	2	(Z)
Hotels, motels, and tourist cabins	4 855 341	3 070 924	1 201 486	582 932	8 886 196	1	1	2	2	(Z)
Other residential buildings	1 980 131	1 120 182	629 900	230 048	5 416 570	2	2	4	6	1
Office buildings	46 050 567	23 560 786	16 872 139	5 617 642	60 570 245	(Z)	(Z)	1	1	(Z)
Other commercial buildings such as stores, restaurants, and automobile service stations	47 762 061	28 172 996	13 341 287	6 247 778	46 268 031	(Z)	1	1	1	(Z)
Industrial buildings and warehouses	56 912 496	31 574 276	16 099 655	9 238 565	52 477 389	(Z)	(Z)	(Z)	1	(Z)
Industrial buildings	47 116 273	25 132 138	13 850 272	8 133 863	41 468 980	(Z)	(Z)	(Z)	1	(Z)
Warehouses	9 796 224	6 442 138	2 249 383	1 104 702	11 008 408	1	1	1	1	(Z)
Religious buildings	5 675 169	3 099 254	1 842 376	733 539	4 535 374	1	1	2	1	1
Educational buildings	27 595 656	16 512 324	9 089 429	1 993 904	16 282 332	1	1	1	1	(Z)
Hospitals and institutional buildings	28 980 784	17 176 761	9 903 696	1 900 327	19 304 912	(Z)	(Z)	1	1	(Z)
Farm buildings, nonresidential	1 833 864	1 295 205	257 322	281 337	1 560 000	2	3	4	4	2
Amusement, social, and recreational buildings, indoors	4 386 332	3 122 184	964 432	299 716	3 042 739	1	1	2	3	1
Other nonresidential buildings	7 241 666	4 668 159	1 971 409	602 097	5 399 262	1	1	2	3	1
Nonbuilding construction	121 182 687	72 079 270	26 181 332	22 922 084	105 411 556	(Z)	(Z)	(Z)	(Z)	(Z)
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	37 035 357	18 989 650	10 927 356	7 118 351	33 663 977	(Z)	(Z)	(Z)	1	(Z)
Outdoor swimming pools	2 154 214	1 650 364	253 392	250 459	2 273 408	3	4	5	6	2
Airport runways and related work	1 732 903	1 032 856	497 333	202 714	2 099 737	1	1	1	2	4
Private driveways and parking areas	3 736 473	1 981 117	802 807	952 549	3 562 808	2	2	3	3	2
Fencing	1 467 137	1 087 467	203 074	176 597	1 102 962	4	4	6	5	3
Recreational facilities	1 682 949	1 279 523	257 666	145 761	1 081 146	2	2	4	5	3
Bridges, tunnels, and elevated highways	8 979 560	5 784 279	2 305 891	7 051 964	889 390	1	1	1	2	(Z)
Tunnels	1 165 672	1 027 730	83 867	54 075	853 957	3	4	3	5	1
Bridges and elevated highways	7 813 887	4 756 549	2 222 024	835 314	6 198 007	1	1	1	2	(Z)
Dam and reservoir construction	955 628	682 211	223 998	49 420	990 275	1	2	1	9	1
Marine construction	2 123 215	1 337 113	269 025	517 077	1 595 976	1	1	2	2	1
Harbor and port facilities	635 303	366 730	135 747	132 825	617 795	2	3	4	5	3
Conservation and development construction	4 280 544	2 993 065	652 944	634 534	1 520 508	1	2	3	2	2
Power and communication transmission lines, towers, and related facilities	7 100 934	4 308 293	1 279 870	1 512 771	6 232 290	1	1	1	1	1
Sewers, water mains, and related facilities	14 914 749	11 108 657	2 205 382	1 600 710	13 476 048	1	1	1	2	1
Sewers, sewer lines, septic systems, and related facilities	8 638 489	6 415 414	1 321 371	901 704	7 917 914	1	1	1	3	1
Water mains and related facilities	6 276 260	4 693 243	884 011	699 006	5 558 134	1	1	2	2	1
Pipeline construction other than sewer or water lines	5 309 208	3 633 188	777 974	898 046	3 259 866	1	1	1	2	1
Mass transit construction	2 092 262	1 191 960	595 764	304 538	1 416 178	2	2	2	4	1
Urban mass transit	1 053 972	690 845	308 468	54 659	730 144	2	3	1	1	(Z)
Railroad construction	1 038 290	501 115	287 296	249 879	686 035	3	3	(Z)	5	2
Blast furnaces, petroleum refineries, chemical complexes, etc.	11 555 013	5 802 610	1 674 800	4 077 603	6 776 004	(Z)	(Z)	1	(Z)	(Z)
Power plants	6 866 721	3 278 022	1 106 218	2 482 480	6 915 722	(Z)	(Z)	1	1	(Z)
Power plants, nuclear	1 314 090	375 241	243 996	694 853	2 302 509	1	1	1	(Z)	(Z)
Power plants and cogeneration plants, except nuclear	5 552 631	2 902 781	862 222	1 787 627	4 613 214	(Z)	(Z)	1	1	(Z)
Sewage treatment and water treatment plants	6 529 397	4 494 959	1 710 939	323 500	6 057 721	1	1	1	2	1
Sewage treatment plants	4 402 483	3 077 895	1 147 916	176 671	4 099 467	1	2	2	3	1
Water treatment plants	2 126 915	1 417 064	563 022	146 829	1 958 255	1	1	1	3	1
Water storage facilities	420 918	246 633	(D)	(D)	(NA)	6	3	(D)	(D)	(NA)
Heavy military construction, missile sites, etc.	455 047	288 420	(D)	(D)	(NA)	1	1	(D)	(D)	(NA)
Ships	242 113	62 751	31 715	147 648	(NA)	4	10	7	5	(NA)
Oilfields	529 133	272 554	61 619	194 960	506 820	4	6	6	4	3
Other nonbuilding construction	383 910	206 850	77 386	99 674	7 100 351	4	5	9	5	1
Construction work, n.s.k.	16 109 071	(NA)	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)	(NA)
NORTHEAST										
Value of construction work	96 471 165	47 799 672	30 863 879	14 800 799	110 922 090	(Z)	1	(Z)	1	(Z)
Building construction	72 314 808	37 551 055	24 634 142	10 129 611	84 666 323	(Z)	1	1	1	(Z)
Single-family houses	21 551 913	13 589 299	5 291 973	2 670 641	27 161 748	1	2	1	1	1
Single-family houses, detached	18 622 739	11 641 802	4 679 855	2 301 082	20 881 384	1	2	1	2	1
Single-family houses, attached, including townhouses and townhouse-type condominiums	2 929 174	1 947 497	612 118	369 560	6 280 364	3	4	5	3	1
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	3 603 892	1 236 228	1 428 432	939 231	5 682 378	2	2	3	3	1
Other residential buildings, including hotels, motels, and tourist cabins	996 857	440 032	405 223	151 601	3 677 223	2	3	4	3	1
Hotels, motels, and tourist cabins	616 071	240 115	262 618	113 338	1 891 046	1	2	2	2	1
Other residential buildings	380 785	199 917	142 605	38 263	1 786 176	6	7	11	11	2
Office buildings	10 616 625	4 375 004	4 793 352	1 448 269	17 441 863	1	1	1	1	(Z)
Other commercial buildings such as stores, restaurants, and automobile service stations	8 893 536	4 530 012	2 885 344	1 478 179	9 623 494	1	1	1	2	1
Industrial buildings and warehouses	10 779 647	5 284 654	3 496 372	1 998 621	10 609 378	1	1	1	1	1
Industrial buildings	9 063 326	4 227 651	3 055 337	1 780 339	8 454 125	1	1	1	1	1
Warehouses	1 716 321	1 057 003	441 035	218 283	2 155 253	2	2	5	3	1
Religious buildings	851 647	341 311	347 138	163 199	803 078	2	3	2	3	2
Educational buildings	6 204 438	3 072 073	2 586 073	546 292	3 479 634	1	1	2	3	1
Hospitals and institutional buildings	6 413 945	3 268 654	2 655 187	490 104	4 299 620	1	1	1	1	1
Farm buildings, nonresidential	285 977	182 741	39 956	63 281	231 788	5	5	7	12	4
Amusement, social, and recreational buildings, indoors	618 559	335 556	225 271	57 732	473 527	2	2	3	6	2
Other nonresidential buildings	1 497 771	895 491	479 822	122 459	1 182 587	1	2	2	4	2

Table 11. Value of Construction Work for Establishments With Payroll by Geographic Area and Type of Construction: 1992 and 1987—Con.

[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 appendixes]

Geographic area and type of construction	1992 value of construction work				1987 value of construction work	Relative standard error of estimate (percent) for column—				
	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair		A	B	C	D	E
	A	B	C	D						
NORTHEAST—Con.										
Value of construction work—Con.										
Nonbuilding construction	21 149 542	10 248 617	6 229 737	4 671 188	20 573 624	(Z)	1	1	1	(Z)
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	6 061 540	2 370 775	2 229 705	1 461 059	5 620 886	1	1	1	2	1
Outdoor swimming pools	336 647	244 002	40 110	52 534	525 526	5	5	10	10	5
Airport runways and related work	175 425	52 895	95 061	27 469	44 628	3	9	1	1	2
Private driveways and parking areas	661 338	321 308	145 410	194 619	749 299	3	5	5	5	4
Fencing	292 274	197 778	48 734	45 761	183 878	7	8	9	14	8
Recreational facilities	205 438	135 460	39 773	30 206	179 741	4	4	6	9	6
Bridges, tunnels, and elevated highways	2 509 467	1 042 192	1 099 788	367 487	1 721 842	1	2	(Z)	3	1
Tunnels	388 252	345 110	26 475	16 667	268 408	3	3	3	5	2
Bridges and elevated highways	2 121 215	697 082	1 073 313	350 821	1 453 433	1	2	(Z)	3	1
Dam and reservoir construction	116 806	78 901	28 168	9 738	72 122	(Z)	(Z)	1	1	3
Marine construction	236 689	100 418	58 845	77 426	235 488	3	4	4	3	3
Harbor and port facilities	144 320	88 927	31 567	23 826	128 138	6	8	6	5	8
Conservation and development construction	556 481	371 142	120 447	64 891	158 785	3	3	5	4	5
Power and communication transmission lines, towers, and related facilities	1 169 540	627 940	233 865	307 735	1 262 487	2	3	2	2	1
Sewers, water mains, and related facilities	2 621 243	1 724 655	529 257	367 332	2 747 842	1	2	2	3	1
Sewers, sewer lines, septic systems, and related facilities	1 645 018	1 112 247	316 443	216 328	1 685 735	1	1	3	4	1
Water mains and related facilities	976 225	612 408	212 813	151 004	1 062 107	2	3	3	4	2
Pipeline construction other than sewer or water lines	766 682	457 878	114 030	194 774	516 323	2	2	3	3	2
Mass transit construction	688 758	250 690	371 270	66 798	703 761	3	4	3	11	1
Urban mass transit	473 930	198 910	251 176	23 844	505 767	(Z)	(Z)	1	1	(Z)
Railroad construction	214 828	51 780	120 094	42 954	197 994	9	20	9	17	4
Blast furnaces, petroleum refineries, chemical complexes, etc.	745 044	246 451	177 651	320 942	833 978	2	1	5	1	1
Power plants	2 076 973	857 442	301 778	917 754	2 270 942	(Z)	1	1	1	(Z)
Power plants, nuclear	265 988	107 133	(D)	(D)	715 855	1	1	(D)	(D)	(Z)
Power plants and cogeneration plants, except nuclear	1 810 985	750 308	(D)	(D)	1 555 087	1	1	(D)	(D)	(Z)
Sewage treatment and water treatment plants	1 610 115	996 606	529 132	84 377	1 306 081	1	1	2	5	1
Sewage treatment plants	1 093 704	676 464	369 557	47 683	854 387	1	1	2	8	1
Water treatment plants	516 410	320 141	159 575	36 694	451 694	1	1	2	4	2
Water storage facilities	103 744	58 425	19 597	25 723	(NA)	6	7	6	7	(NA)
Heavy military construction, missile sites, etc.	(D)	(D)	(D)	(D)	(NA)	(D)	(D)	(D)	(D)	(NA)
Ships	*10 744	—	(D)	(D)	(NA)	55	—	(D)	(D)	(NA)
Oilfields	(D)	(D)	(D)	(D)	283	(D)	(D)	(D)	(D)	(Z)
Other nonbuilding construction	58 290	23 171	14 917	20 202	1 280 564	9	17	17	10	3
Construction work, n.s.k.	3 006 816	(NA)	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)	(NA)
MIDWEST										
Value of construction work	126 317 415	74 363 567	31 804 837	16 699 633	103 207 922	(Z)	(Z)	(Z)	1	(Z)
Building construction	93 716 797	57 671 388	24 584 299	11 461 109	76 474 773	(Z)	1	1	1	(Z)
Single-family houses	32 782 751	23 513 795	5 852 103	3 416 853	22 317 740	1	1	1	2	1
Single-family houses, detached	28 907 022	20 558 276	5 354 789	2 993 957	19 160 647	1	1	1	2	1
Single-family houses, attached, including townhouses and townhouse-type condominiums	3 875 729	2 955 519	497 314	422 896	3 157 092	2	3	5	5	2
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	3 211 257	1 910 967	752 664	547 626	3 968 852	2	4	3	3	1
Other residential buildings, including hotels, motels, and tourist cabins	1 338 129	800 189	358 570	179 370	2 385 434	2	2	4	6	1
Hotels, motels, and tourist cabins	767 929	422 477	213 282	132 170	1 504 966	2	3	4	6	1
Other residential buildings	570 199	377 712	145 287	47 200	880 467	3	3	7	13	3
Office buildings	9 742 742	5 318 975	3 190 993	1 232 774	11 069 843	1	1	1	1	(Z)
Other commercial buildings such as stores, restaurants, and automobile service stations	11 502 552	6 764 421	3 153 553	1 584 578	10 526 752	1	1	1	2	1
Industrial buildings and warehouses	16 937 247	9 091 540	5 076 791	2 768 916	14 845 192	1	1	1	1	(Z)
Industrial buildings	14 211 945	7 323 301	4 434 490	2 454 155	12 291 614	1	1	1	1	(Z)
Warehouses	2 725 301	1 768 238	642 302	314 761	2 553 577	1	2	2	2	1
Religious buildings	1 528 851	788 182	521 563	219 106	1 141 301	2	3	3	2	1
Educational buildings	6 555 665	3 571 917	2 381 118	602 630	3 343 680	1	1	2	2	1
Hospitals and institutional buildings	6 925 302	3 794 369	2 581 764	549 170	4 427 670	1	1	1	1	1
Farm buildings, nonresidential	836 651	587 322	116 233	133 096	721 458	3	4	6	5	4
Amusement, social, and recreational buildings, indoors	998 597	686 498	222 875	89 224	793 803	2	2	2	6	2
Other nonresidential buildings	1 357 053	843 213	376 073	137 767	933 041	2	2	3	8	1
Nonbuilding construction	29 151 240	16 692 179	7 220 538	5 238 523	22 674 337	(Z)	1	1	1	(Z)
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	10 243 395	4 587 379	3 431 602	2 224 414	8 300 148	(Z)	1	1	1	1
Outdoor swimming pools	193 687	126 132	41 977	25 578	226 085	7	7	13	14	8
Airport runways and related work	406 066	240 102	123 870	42 094	53 843	1	1	3	2	5
Private driveways and parking areas	1 151 512	611 617	264 372	275 523	947 444	3	3	4	7	3
Fencing	277 518	199 549	45 316	32 653	177 146	7	7	15	10	8
Recreational facilities	316 023	253 574	40 572	21 878	274 270	5	6	7	6	5
Bridges, tunnels, and elevated highways	2 470 100	1 596 756	608 471	264 873	1 810 850	2	3	2	4	1
Tunnels	430 361	400 316	20 484	9 561	152 955	9	10	11	16	3
Bridges and elevated highways	2 039 739	1 196 441	587 986	255 312	1 657 894	2	2	2	4	1
Dam and reservoir construction	198 776	173 400	(D)	(D)	127 933	3	2	(D)	(D)	2
Marine construction	302 244	185 012	36 689	80 544	345 723	4	5	3	8	1
Harbor and port facilities	54 207	26 462	8 852	18 893	49 717	8	8	10	17	14
Conservation and development construction	974 382	718 351	154 860	101 172	278 920	3	3	7	5	5
Power and communication transmission lines, towers, and related facilities	1 584 236	965 758	278 748	339 730	945 143	2	2	2	2	2
Sewers, water mains, and related facilities	4 128 719	3 099 058	638 789	390 872	3 094 219	1	2	3	3	1
Sewers, sewer lines, septic systems, and related facilities	2 504 400	1 873 466	409 876	221 058	2 031 194	1	2	3	4	1
Water mains and related facilities	1 624 319	1 225 591	228 914	169 814	1 063 024	2	2	5	3	2
Pipeline construction other than sewer or water lines	968 116	664 619	154 947	148 549	525 474	1	1	2	4	2
Mass transit construction	549 582	356 021	107 851	85 710	211 671	2	1	2	4	3
Urban mass transit	105 778	64 973	(S)	3 944	44 909	2	4	(S)	(Z)	6
Railroad construction	443 804	291 049	70 990	81 766	166 762	2	1	3	4	3
Blast furnaces, petroleum refineries, chemical complexes, etc.	2 435 739	1 369 603	441 381	624 755	911 290	(Z)	(Z)	1	1	1
Power plants	1 181 656	378 747	375 909	427 000	1 349 672	1	1	1	2	1
Power plants, nuclear	221 963	24 768	131 261	65 934	(D)	2	17	1	1	(D)

Table 11. Value of Construction Work for Establishments With Payroll by Geographic Area and Type of Construction: 1992 and 1987—Con.

[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 appendixes]

Geographic area and type of construction	1992 value of construction work				1987 value of construction work	Relative standard error of estimate (percent) for column—				
	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair		A	B	C	D	E
	A	B	C	D						
MIDWEST—Con.										
Value of construction work—Con.										
Nonbuilding construction—Con.										
Power plants and cogeneration plants, except nuclear	959 693	353 979	244 647	361 066	(D)	1	(Z)	1	2	(D)
Sewage treatment and water treatment plants	1 571 996	1 067 602	420 637	83 758	1 733 865	1	2	2	4	1
Sewage treatment plants	1 077 572	771 935	255 043	50 594	1 358 215	1	1	2	7	1
Water treatment plants	494 424	295 667	165 593	33 164	375 650	2	3	2	3	3
Water storage facilities	(D)	(D)	6 565	15 902	(NA)	(D)	(S)	12	18	(NA)
Heavy military construction, missile sites, etc.	(S)	(S)	—	—	(NA)	(S)	(S)	—	—	(NA)
Ships	(D)	(D)	—	(D)	(NA)	(D)	(D)	—	(D)	(NA)
Oilfields	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other nonbuilding construction	65 866	30 055	19 385	16 425	1 186 067	9	9	20	12	3
Construction work, n.s.k.	3 449 378	(NA)	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)	(NA)
SOUTH										
Value of construction work	175 602 138	111 836 456	35 999 762	22 320 946	167 049 883	(Z)	(Z)	(Z)	(Z)	(Z)
Building construction	126 413 011	84 272 081	28 530 584	13 610 346	120 229 718	(Z)	(Z)	1	1	(Z)
Single-family houses	48 594 092	37 854 185	6 593 476	4 146 431	41 455 253	1	1	1	1	1
Single-family houses, detached	43 952 919	34 360 408	5 986 557	3 605 955	35 009 397	1	1	1	1	1
Single-family houses, attached, including townhouses and townhouse-type condominiums	4 641 173	3 493 777	606 920	540 477	6 445 856	2	2	4	3	1
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	4 791 206	2 962 684	1 043 529	784 993	7 179 198	2	3	3	3	1
Other residential buildings, including hotels, motels, and tourist cabins	1 809 015	988 227	551 714	269 075	4 198 734	3	3	5	4	1
Hotels, motels, and tourist cabins	1 251 055	735 144	340 254	175 658	2 712 459	3	4	8	2	1
Other residential buildings	557 960	253 083	211 460	93 417	1 486 275	4	5	6	9	2
Office buildings	14 440 936	7 839 291	4 937 156	1 664 489	18 489 285	1	1	1	1	(Z)
Other commercial buildings such as stores, restaurants, and automobile service stations	15 469 471	9 470 370	4 047 692	1 951 410	15 242 464	1	1	1	1	1
Industrial buildings and warehouses	17 340 952	9 750 400	4 488 034	3 102 519	16 149 965	1	1	1	1	(Z)
Industrial buildings	14 189 753	7 649 589	3 808 553	2 731 611	12 535 608	1	1	1	1	(Z)
Warehouses	3 151 200	2 100 811	679 481	370 907	3 614 356	1	1	2	2	1
Religious buildings	2 195 803	1 341 137	625 778	228 887	1 790 428	1	2	2	3	1
Educational buildings	8 387 946	5 515 445	2 347 172	525 329	5 941 950	1	1	2	2	1
Hospitals and institutional buildings	8 964 514	5 536 600	2 869 911	558 003	6 282 742	1	1	1	2	1
Farm buildings, nonresidential	449 642	348 521	51 991	49 130	406 988	5	6	10	8	4
Amusement, social, and recreational buildings, indoors	1 380 700	1 029 224	242 060	109 415	1 231 893	1	1	5	5	1
Other nonresidential buildings	2 588 732	1 635 998	732 071	220 664	1 860 813	1	1	3	5	2
Nonbuilding construction	43 744 153	27 564 375	7 469 177	8 710 600	38 489 193	(Z)	(Z)	1	1	(Z)
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	12 637 534	7 567 331	3 033 364	2 036 839	12 500 354	(Z)	1	1	1	1
Outdoor swimming pools	883 519	698 454	87 859	97 206	875 726	5	5	8	8	4
Airport runways and related work	499 970	230 685	191 363	77 922	75 768	1	1	2	4	7
Private driveways and parking areas	1 099 510	634 102	199 881	265 527	1 031 253	3	3	6	5	3
Fencing	457 380	348 989	61 540	46 850	325 237	8	10	12	9	7
Recreational facilities	592 083	457 702	88 645	45 737	368 456	3	3	8	8	5
Bridges, tunnels, and elevated highways	2 412 285	1 887 049	355 745	169 491	2 230 514	1	1	1	3	1
Tunnels	159 971	129 078	23 487	7 407	221 181	3	2	2	23	2
Bridges and elevated highways	2 252 314	1 757 971	332 258	162 084	2 009 333	1	1	1	3	1
Dam and reservoir construction	299 771	159 888	(D)	(D)	296 379	2	2	(D)	(D)	3
Marine construction	1 212 283	817 084	139 685	255 514	712 314	2	1	4	3	2
Harbor and port facilities	219 820	127 949	45 044	46 828	250 713	5	7	9	4	3
Conservation and development construction	1 568 871	1 080 783	207 546	280 542	523 869	3	4	7	4	3
Power and communication transmission lines, towers, and related facilities	2 774 175	1 732 506	451 903	589 766	2 643 907	1	2	2	2	1
Sewers, water mains, and related facilities	4 492 337	3 464 367	582 121	445 848	4 611 283	1	1	2	4	1
Sewers, sewer lines, septic systems, and related facilities	2 600 772	1 999 789	335 035	265 947	2 631 393	2	2	3	6	1
Water mains and related facilities	1 891 565	1 464 578	247 086	179 901	1 979 889	2	2	3	3	1
Pipeline construction other than sewer or water lines	2 271 701	1 667 194	281 300	323 207	1 359 463	2	2	3	4	1
Mass transit construction	478 654	259 215	88 347	131 092	307 163	5	6	6	7	3
Urban mass transit	200 452	164 261	12 959	23 233	108 964	6	8	6	(Z)	1
Railroad construction	278 202	94 954	75 389	107 859	198 198	7	8	7	8	4
Blast furnaces, petroleum refineries, chemical complexes, etc.	6 809 571	3 378 534	767 684	2 663 353	3 872 944	(Z)	(Z)	1	(Z)	(Z)
Power plants	2 382 582	1 318 194	253 367	811 021	1 789 141	1	1	2	1	(Z)
Power plants, nuclear	583 853	208 336	14 309	361 208	535 533	(Z)	1	2	(Z)	(Z)
Power plants and cogeneration plants, except nuclear	1 798 729	1 109 858	239 058	449 813	1 253 607	1	1	2	2	(Z)
Sewage treatment and water treatment plants	1 747 291	1 256 775	402 469	88 046	1 925 032	3	4	3	6	1
Sewage treatment plants	1 163 988	856 214	261 532	46 242	1 244 991	5	5	4	7	1
Water treatment plants	583 303	400 561	140 937	41 805	680 041	2	2	4	8	1
Water storage facilities	199 089	110 065	16 612	72 412	(NA)	11	5	16	27	(NA)
Heavy military construction, missile sites, etc.	25 484	16 175	(D)	(D)	(NA)	3	(Z)	(D)	(D)	(NA)
Ships	175 417	54 113	23 538	97 766	(NA)	5	11	9	4	(NA)
Oilfields	336 876	205 992	33 284	97 600	279 467	5	7	10	4	4
Other nonbuilding construction	167 950	91 229	(D)	(D)	2 230 490	6	8	(D)	(D)	2
Construction work, n.s.k.	5 444 974	(NA)	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)	(NA)

Table 11. Value of Construction Work for Establishments With Payroll by Geographic Area and Type of Construction: 1992 and 1987—Con.

[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 appendixes]

Geographic area and type of construction	1992 value of construction work				1987 value of construction work	Relative standard error of estimate (percent) for column—				
	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair		A	B	C	D	E
	A	B	C	D						
WEST										
Value of construction work	129 715 130	85 108 045	27 562 996	12 836 186	118 802 337	(Z)	(Z)	(Z)	1	(Z)
Building construction	98 369 474	67 533 945	22 301 116	8 534 413	89 559 826	(Z)	(Z)	1	1	(Z)
Single-family houses	39 077 724	29 954 943	6 209 952	2 912 830	33 404 376	1	1	1	1	1
Single-family houses, detached	34 822 204	26 776 093	5 606 765	2 439 346	28 000 842	1	1	1	2	1
Single-family houses, attached, including townhouses and townhouse-type condominiums	4 255 520	3 178 850	603 186	473 484	5 403 534	2	2	3	3	1
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	3 927 187	2 633 318	704 881	588 988	5 432 183	2	2	3	2	1
Other residential buildings, including hotels, motels, and tourist cabins	2 691 471	1 962 658	515 880	212 933	4 214 056	1	1	3	3	1
Hotels, motels, and tourist cabins	2 220 285	1 673 188	385 332	161 765	2 914 007	1	1	2	2	1
Other residential buildings	471 186	289 470	130 547	51 168	1 300 049	5	5	7	12	2
Office buildings	11 250 265	6 027 516	3 950 638	1 272 110	13 722 303	1	1	1	1	(Z)
Other commercial buildings such as stores, restaurants, and automobile service stations	11 896 502	7 408 193	3 254 699	1 233 611	10 978 281	1	1	2	2	1
Industrial buildings and warehouses	11 854 650	7 447 682	3 038 459	1 368 509	10 980 149	1	1	1	1	(Z)
Industrial buildings	9 651 248	5 931 597	2 551 893	1 167 758	8 247 114	1	1	1	2	1
Warehouses	2 203 402	1 516 085	486 566	200 751	2 733 034	1	1	2	3	1
Religious buildings	1 098 868	628 623	347 897	122 348	801 130	3	4	6	3	2
Educational buildings	6 447 606	4 352 888	1 775 066	319 652	3 517 121	1	1	2	2	1
Hospitals and institutional buildings	6 677 022	4 577 139	1 796 834	303 050	4 294 988	1	(Z)	2	2	1
Farm buildings, nonresidential	261 594	176 621	49 142	35 830	200 249	5	6	9	10	7
Amusement, social, and recreational buildings, indoors	1 388 476	1 070 906	274 225	43 345	547 466	2	3	4	4	2
Other nonresidential buildings	1 798 109	1 293 458	383 444	121 207	1 467 518	2	2	4	6	2
Nonbuilding construction	27 137 752	17 574 099	5 261 880	4 301 773	23 911 103	(Z)	(Z)	1	1	(Z)
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	8 092 888	4 464 165	2 232 685	1 396 038	7 271 115	1	1	1	1	1
Outdoor swimming pools	740 361	581 776	83 445	75 140	646 068	7	8	9	12	4
Airport runways and related work	651 442	509 174	87 040	55 229	35 495	1	1	4	2	13
Private driveways and parking areas	824 113	414 089	193 144	216 880	834 808	4	4	5	8	2
Fencing	439 965	341 151	47 482	51 332	416 699	5	5	9	8	5
Recreational facilities	569 404	432 787	88 677	47 940	291 851	4	5	9	12	5
Bridges, tunnels, and elevated highways	1 587 708	1 258 281	241 888	87 539	1 288 756	1	1	2	6	1
Tunnels	187 088	153 226	13 422	20 441	211 411	2	1	8	5	1
Bridges and elevated highways	1 400 620	1 105 055	228 466	67 098	1 077 345	1	1	2	8	1
Dam and reservoir construction	340 274	270 022	54 842	15 410	493 839	4	4	4	13	1
Marine construction	371 999	234 599	33 806	103 594	302 450	3	3	4	7	1
Harbor and port facilities	216 956	123 392	50 285	43 278	190 699	3	2	5	13	3
Conservation and development construction	1 180 809	822 790	170 091	187 929	559 098	2	3	4	3	3
Power and communication transmission lines, towers, and related facilities	1 572 983	982 088	315 354	275 540	1 381 278	1	2	2	2	1
Sewers, water mains, and related facilities	3 672 450	2 820 577	455 215	396 658	3 053 451	1	1	2	3	1
Sewers, sewer lines, septic systems, and related facilities	1 888 299	1 429 912	260 017	198 370	1 588 760	2	2	3	4	2
Water mains and related facilities	1 784 151	1 390 665	195 198	198 287	1 464 691	1	2	2	3	2
Pipeline construction other than sewer or water lines	1 302 710	843 497	227 697	231 516	858 605	1	1	1	1	2
Mass transit construction	375 267	326 034	28 295	20 938	193 581	4	5	2	3	3
Urban mass transit	273 812	262 702	7 472	3 638	70 502	5	6	2	(Z)	3
Railroad construction	101 455	63 332	20 823	17 300	123 078	6	10	2	3	5
Blast furnaces, petroleum refineries, chemical complexes, etc.	1 564 659	808 022	288 084	468 553	1 157 790	1	2	1	1	1
Power plants	1 225 510	723 639	175 165	326 705	1 505 965	1	1	1	1	(Z)
Power plants, nuclear	242 285	35 003	(D)	(D)	(D)	2	8	(D)	(D)	(D)
Power plants and cogeneration plants, except nuclear	983 224	688 636	(D)	(D)	(D)	1	(Z)	(D)	(D)	(D)
Sewage treatment and water treatment plants	1 599 995	1 173 976	358 701	67 319	1 092 740	1	1	3	4	1
Sewage treatment plants	1 067 218	773 282	261 784	32 152	641 872	1	1	4	3	2
Water treatment plants	532 777	400 694	96 916	35 167	450 868	2	1	3	7	2
Water storage facilities	(D)	(D)	(D)	(D)	(NA)	(D)	(D)	(D)	(D)	(NA)
Heavy military construction, missile sites, etc.	(D)	(D)	(D)	(D)	(NA)	(D)	(D)	(D)	(D)	(NA)
Ships	(D)	(D)	(D)	(D)	(NA)	(D)	(D)	(D)	(D)	(NA)
Oilfields	173 126	57 394	25 042	90 690	(D)	6	10	5	8	(D)
Other nonbuilding construction	91 805	62 395	(D)	(D)	1 568 775	8	9	(D)	(D)	2
Construction work, n.s.k.	4 207 903	(NA)	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)	(NA)

Table 12. Quarterly Construction Worker Employment for Establishments With Payroll by State: 1992

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

Location of establishment	Number of establishments	Average number of construction workers	Construction workers ¹				Relative standard error of estimate (percent) for column—					
			January to March	April to June	July to September	October to December	A	B	C	D	E	F
			A	B	C	D	E	F	A	B	C	D
United States	572 851	3 596 200	3 279 642	3 650 182	3 872 139	3 582 836	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Alabama	7 653	62 106	59 013	62 785	65 242	61 383	1	1	1	1	1	1
Alaska	1 676	10 180	7 508	10 517	12 859	9 834	1	2	3	2	2	3
Arizona	8 306	66 453	60 322	66 550	71 052	67 887	1	1	1	1	1	1
Arkansas	4 445	27 101	24 927	27 828	28 931	26 719	1	1	1	1	1	1
California	64 103	388 254	375 920	394 143	409 834	373 118	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Colorado	9 704	65 441	57 258	65 986	71 489	67 028	1	1	1	1	1	1
Connecticut	8 828	41 211	34 657	41 967	45 533	42 688	1	1	1	1	1	1
Delaware	2 071	13 680	12 285	13 977	14 449	14 027	1	1	1	1	2	2
District of Columbia	333	5 212	5 168	5 284	5 366	5 031	4	3	3	3	3	3
Florida	34 291	203 988	195 863	204 382	210 059	205 648	(Z)	1	1	1	1	1
Georgia	13 581	95 113	90 860	97 188	98 126	94 278	1	1	1	1	1	1
Hawaii	2 481	24 651	24 533	24 179	24 911	24 983	1	1	1	1	1	1
Idaho	3 541	17 252	14 912	17 453	19 305	17 336	1	2	2	2	2	2
Illinois	24 579	161 927	138 315	168 152	180 037	161 203	(Z)	1	1	1	1	1
Indiana	13 124	90 667	80 532	91 493	99 227	91 417	(Z)	1	1	1	1	1
Iowa	6 707	39 249	32 254	42 072	44 409	38 261	1	1	1	1	1	1
Kansas	5 940	37 687	34 107	37 903	42 057	36 680	1	1	1	1	1	1
Kentucky	7 337	50 354	45 506	50 903	54 176	50 829	1	1	1	1	1	2
Louisiana	6 404	75 352	73 498	76 456	76 895	74 558	1	1	1	1	1	1
Maine	3 993	16 585	12 410	16 792	19 802	17 336	1	2	2	2	2	2
Maryland	13 782	102 371	95 903	103 688	108 680	101 216	(Z)	1	1	1	1	1
Massachusetts	13 447	64 329	56 463	64 057	69 900	66 895	1	1	1	1	1	1
Michigan	20 446	107 740	88 548	110 000	122 867	109 543	(Z)	1	1	1	1	1
Minnesota	10 664	66 389	53 385	68 726	77 450	65 995	1	2	2	2	2	2
Mississippi	3 938	27 763	24 925	27 358	29 952	28 816	1	1	2	1	1	1
Missouri	12 828	75 777	69 086	77 324	82 863	73 834	1	1	1	1	1	1
Montana	2 561	10 600	8 613	10 895	12 282	10 611	1	2	2	2	2	2
Nebraska	4 324	23 444	20 357	24 421	25 933	23 065	1	1	1	1	1	1
Nevada	3 311	31 415	29 318	31 151	33 081	32 112	1	1	1	1	1	1
New Hampshire	3 319	12 885	10 253	13 109	14 675	13 501	1	1	2	2	1	2
New Jersey	19 643	99 149	90 137	100 724	106 712	99 024	(Z)	1	1	1	1	1
New Mexico	4 001	24 969	22 788	25 179	26 999	24 910	1	2	2	2	2	2
New York	36 550	193 972	170 732	198 219	214 006	192 930	(Z)	(Z)	1	(Z)	1	1
North Carolina	18 428	113 374	110 260	114 146	117 451	111 640	(Z)	1	1	1	1	1
North Dakota	1 677	9 734	7 071	10 214	11 891	9 760	1	2	2	2	2	2
Ohio	23 352	144 844	124 673	147 329	159 056	148 318	(Z)	(Z)	1	1	1	1
Oklahoma	5 596	34 294	32 525	34 299	36 417	33 936	1	1	1	1	1	1
Oregon	8 631	40 854	39 645	40 468	44 207	39 096	1	1	1	1	1	1
Pennsylvania	26 222	165 712	145 420	168 557	182 251	166 621	(Z)	(Z)	(Z)	1	1	1
Rhode Island	2 866	10 587	9 007	10 697	11 926	10 717	1	1	2	2	2	2
South Carolina	8 444	53 984	52 022	54 367	55 276	54 270	1	1	1	1	1	1
South Dakota	1 999	10 294	8 214	10 771	11 826	10 367	1	2	2	2	2	2
Tennessee	9 270	70 234	64 834	70 201	73 299	72 600	1	1	1	1	1	1
Texas	29 110	261 195	253 941	264 221	271 214	255 405	(Z)	(Z)	(Z)	(Z)	1	1
Utah	4 366	27 708	24 305	28 258	30 324	27 945	1	1	1	2	1	1
Vermont	2 544	9 186	7 090	9 164	10 907	9 585	1	2	3	2	2	2
Virginia	17 151	111 868	106 087	113 444	117 088	110 855	(Z)	1	1	1	1	1
Washington	17 279	94 066	88 515	95 459	100 893	91 398	(Z)	1	1	1	1	1
West Virginia	3 595	20 244	16 843	20 637	22 459	21 038	1	1	2	1	2	2
Wisconsin	12 714	75 745	61 228	78 018	86 213	77 523	1	1	1	1	1	1
Wyoming	1 692	9 012	7 625	9 072	10 288	9 065	1	2	2	2	2	2

¹Construction workers during pay periods including 12th of March, May, August, and November.

Table 13. Value of Construction Work for Establishments With Payroll by Location of Construction Work: 1992 and 1987

[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 appendixes]

Location of construction work	1992					1987 value of construction work done in this State	Percent change 1987 (col F) to 1992 (col A)	Relative standard error of estimate (percent) for column—		
	Value of construction work done in this State	Construction work done by establishments located in this State		Construction work done by establishments not located in this State				A	C	E
		Number	Value of construction work	Number	Value of construction work					
	A	B	C	D	E			F	G	A
United States	528 105 847	570 182	471 051 746	80 616	57 054 101	495 346 313	6.6	(Z)	(Z)	(Z)
Alabama	6 951 298	7 583	5 884 287	1 762	1 067 011	6 039 126	15.1	1	1	1
Alaska	2 053 871	1 655	1 800 940	183	252 932	1 882 643	9.1	3	3	1
Arizona	9 589 024	8 250	8 587 437	737	1 001 587	10 263 814	-6.6	1	1	1
Arkansas	3 369 320	4 416	(D)	1 056	2 694 190	25.1	1	2	2	2
California	65 586 751	64 038	61 865 369	1 705	3 721 382	71 375 850	-8.1	(Z)	(Z)	1
Colorado	9 820 807	9 671	8 908 882	819	911 925	7 287 928	34.8	1	1	2
Connecticut	6 888 318	8 786	(D)	1 631	(D)	9 282 522	-25.8	1	1	1
Delaware	2 073 773	2 054	1 491 991	1 321	581 782	1 843 436	12.5	2	2	3
District of Columbia	2 133 516	322	586 250	2 641	1 547 267	2 856 749	-25.3	1	3	2
Florida	31 450 528	34 185	28 750 391	2 119	2 700 137	31 949 294	-1.6	1	1	1
Georgia	13 735 421	13 486	11 937 640	2 494	1 797 782	14 934 794	-8.0	1	1	1
Hawaii	5 558 404	2 481	4 833 101	387	725 302	3 081 786	80.4	1	1	1
Idaho	2 290 445	3 487	1 883 639	817	406 806	1 151 102	99.0	2	2	2
Illinois	26 775 737	24 529	24 878 505	2 918	1 897 231	23 086 672	16.0	1	1	1
Indiana	11 589 958	13 042	10 373 919	2 631	1 216 040	8 433 127	37.4	1	1	3
Iowa	4 996 920	6 674	4 423 448	1 497	573 472	3 035 342	64.6	1	1	2
Kansas	4 919 427	5 869	4 070 401	1 628	849 026	4 341 425	13.3	2	2	1
Kentucky	6 718 369	7 299	5 417 893	2 541	1 300 476	5 070 998	32.5	1	1	1
Louisiana	7 903 816	6 384	6 593 406	1 135	1 310 410	5 900 686	33.9	1	1	1
Maine	2 132 365	3 979	1 798 415	698	333 950	2 610 939	-18.3	2	2	1
Maryland	12 884 968	13 688	11 084 938	2 986	1 800 029	13 877 511	-7.2	1	1	1
Massachusetts	11 054 256	13 374	10 100 093	1 831	954 163	15 679 792	-29.5	1	1	2
Michigan	16 131 386	20 410	(D)	1 688	(D)	15 607 139	3.4	1	1	1
Minnesota	10 546 812	10 621	9 922 437	1 348	624 375	8 996 289	17.2	1	1	1
Mississippi	3 398 199	3 886	2 662 027	1 356	736 172	2 671 906	27.2	2	2	2
Missouri	9 850 358	12 747	8 669 521	1 905	1 180 837	9 450 891	4.2	1	1	2
Montana	1 398 436	2 557	1 254 480	424	143 956	1 008 552	38.7	2	2	4
Nebraska	3 288 678	4 310	2 905 607	756	383 070	2 179 792	50.9	2	2	3
Nevada	6 243 372	3 301	5 078 066	1 031	1 165 307	4 100 625	52.3	1	1	1
New Hampshire	1 686 123	3 262	1 361 403	1 395	324 720	3 693 661	-54.4	2	2	3
New Jersey	16 136 366	19 468	14 231 861	2 926	1 904 505	21 175 314	-23.8	1	1	1
New Mexico	3 056 414	3 951	2 510 677	648	545 737	2 601 128	17.5	2	2	2
New York	31 911 435	36 457	29 224 419	3 281	2 687 016	34 187 680	-6.7	(Z)	(Z)	1
North Carolina	14 335 009	18 351	(D)	2 417	(D)	13 130 983	9.2	1	1	1
North Dakota	1 140 470	1 673	910 717	420	229 753	954 682	19.5	2	2	3
Ohio	20 840 164	23 257	19 281 296	2 625	1 558 868	17 297 754	20.5	1	1	1
Oklahoma	3 906 238	5 540	3 394 596	956	511 643	3 095 102	26.2	1	2	2
Oregon	6 291 808	8 575	(D)	1 079	(D)	3 706 502	69.8	1	1	1
Pennsylvania	23 670 089	26 072	21 225 020	3 460	2 445 069	21 142 311	12.0	(Z)	1	1
Rhode Island	1 712 672	2 849	1 497 810	860	214 862	1 856 546	-7.7	2	2	5
South Carolina	6 450 137	8 372	5 326 032	2 079	1 124 105	6 283 112	2.7	1	1	1
South Dakota	1 392 098	1 978	1 116 419	684	275 679	803 328	73.3	2	3	2
Tennessee	8 769 583	9 212	7 601 335	1 718	1 168 248	8 706 647	.7	1	1	1
Texas	35 609 383	29 016	(D)	1 662	(D)	30 195 664	17.9	1	1	1
Utah	3 427 102	4 347	3 079 197	369	347 905	2 565 695	33.6	1	2	3
Vermont	1 159 499	2 536	920 544	501	238 955	1 404 339	-17.4	2	2	2
Virginia	15 216 862	17 061	12 412 002	3 723	2 804 860	17 419 182	-12.6	1	1	1
Washington	15 553 070	17 224	13 749 462	1 525	1 803 608	9 075 377	71.4	1	1	1
West Virginia	2 568 212	3 549	1 645 821	1 773	922 391	1 889 279	35.9	1	2	1
Wisconsin	10 836 201	12 668	(D)	1 719	(D)	7 169 981	51.1	1	1	2
Wyoming	1 102 377	1 679	846 548	752	255 829	933 027	18.2	2	2	2

Note: The 1987 United States total does not include data for "Land Subdividers and Developers," SIC 6552. The 1987 State data includes SIC 6552.

Table 14. Selected Industry Ratios for Establishments With Payroll by State: 1992

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

Location of establishment	Average number of employees** per establishment	Payroll per employee (\$1,000)	Value of construction work per construction worker (\$1,000)	Per dollar of value of construction work				
				Payroll, all employees	Cost of materials, components, supplies, and fuels	Cost of construction work sub-contracted out to others	Value of construction work sub-contracted in from others	Rental cost for machinery, equipment, and buildings
United States -----	8.1	25.2	146.9	.223	.317	.259	.270	.016
Alabama -----	10.2	20.9	120.1	.220	.352	.260	.237	.014
Alaska -----	7.7	36.5	184.3	.252	.322	.213	.286	.023
Arizona -----	10.4	22.0	155.4	.184	.276	.339	.301	.016
Arkansas -----	7.7	19.1	121.9	.197	.361	.248	.237	.016
California -----	8.0	27.8	165.5	.221	.287	.279	.321	.020
Colorado -----	8.6	24.4	161.3	.194	.308	.298	.288	.016
Connecticut -----	6.3	30.4	173.3	.235	.289	.251	.249	.017
Delaware -----	8.5	25.2	131.5	.247	.310	.241	.252	.021
District of Columbia -----	20.9	30.9	195.4	.211	.215	.452	.187	.013
Florida -----	8.0	20.8	147.2	.190	.336	.281	.260	.015
Georgia -----	9.1	21.9	144.7	.197	.339	.285	.238	.014
Hawaii -----	13.1	34.3	196.1	.230	.315	.265	.277	.017
Idaho -----	6.3	21.6	131.1	.212	.350	.244	.260	.015
Illinois -----	8.6	30.6	165.1	.243	.292	.255	.292	.015
Indiana -----	8.8	25.3	131.1	.247	.341	.207	.257	.014
Iowa -----	7.3	22.7	129.7	.219	.354	.231	.235	.012
Kansas -----	8.1	22.6	139.4	.206	.350	.250	.233	.016
Kentucky -----	8.7	21.4	126.3	.214	.354	.248	.252	.014
Louisiana -----	14.3	22.9	100.1	.279	.348	.165	.213	.023
Maine -----	5.4	21.1	117.6	.232	.338	.194	.220	.017
Maryland -----	9.7	25.6	143.1	.235	.307	.282	.292	.014
Massachusetts -----	6.5	28.9	177.0	.220	.293	.275	.280	.014
Michigan -----	6.9	25.9	149.0	.228	.328	.251	.290	.015
Minnesota -----	8.1	28.5	176.9	.209	.290	.298	.262	.015
Mississippi -----	8.8	18.8	113.6	.206	.378	.225	.232	.016
Missouri -----	7.6	24.7	142.1	.223	.321	.261	.276	.013
Montana -----	5.2	22.0	133.5	.208	.368	.230	.243	.017
Nebraska -----	7.0	21.6	141.4	.196	.368	.223	.252	.013
Nevada -----	12.4	28.4	165.6	.224	.294	.281	.340	.017
New Hampshire -----	5.2	24.0	137.5	.233	.360	.228	.297	.018
New Jersey -----	6.7	30.5	166.3	.243	.298	.215	.267	.015
New Mexico -----	7.7	19.7	111.7	.219	.313	.229	.269	.016
New York -----	7.0	29.4	158.4	.247	.297	.243	.264	.014
North Carolina -----	7.9	20.4	122.2	.215	.357	.245	.254	.013
North Dakota -----	7.0	21.3	117.6	.220	.354	.199	.201	.021
Ohio -----	8.2	26.1	152.0	.226	.335	.261	.255	.014
Oklahoma -----	7.8	21.4	122.9	.221	.334	.236	.246	.018
Oregon -----	6.2	25.5	150.3	.221	.319	.261	.300	.020
Pennsylvania -----	8.1	26.3	144.9	.234	.308	.250	.253	.015
Rhode Island -----	4.9	25.7	170.9	.199	.294	.304	.233	.015
South Carolina -----	8.3	20.3	115.2	.228	.351	.255	.265	.014
South Dakota -----	6.4	19.7	119.9	.205	.355	.208	.249	.015
Tennessee -----	9.7	21.9	134.8	.208	.337	.292	.242	.013
Texas -----	11.5	23.9	140.6	.218	.325	.252	.232	.018
Utah -----	8.0	22.2	136.2	.205	.317	.287	.307	.017
Vermont -----	4.7	20.3	130.3	.201	.326	.279	.161	.015
Virginia -----	8.4	22.0	125.4	.225	.331	.252	.284	.014
Washington -----	7.0	27.5	163.4	.218	.320	.266	.277	.016
West Virginia -----	6.9	21.7	98.7	.271	.349	.142	.204	.018
Wisconsin -----	7.6	27.2	146.3	.238	.335	.234	.275	.014
Wyoming -----	6.5	21.5	101.6	.257	.347	.189	.212	.027

Table 15. Selected Statistics for Establishments With Payroll for Consolidated Metropolitan Statistical Areas and Selected Metropolitan Statistical Areas: 1992

[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 appendixes]

Geographic area	Number of establishments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub-contracted to others	Capital expenditures, other than land	Relative standard error of estimate (percent) for column—	
										B	E
	A	B	C	D	E	F	G	H	I	B	E
Albany-Schenectady-Troy, NY MSA	2 202	16 191	442 078	1 933 524	1 474 339	888 242	615 221	459 185	22 061	2	2
Allentown-Bethlehem-Easton, PA MSA	1 482	9 555	228 424	907 857	745 586	463 886	305 866	162 271	12 565	2	2
Atlanta, GA MSA	7 077	73 991	1 752 988	9 317 025	6 440 197	3 501 736	3 059 787	2 876 829	110 864	1	1
Austin-San Marcos, TX MSA	1 746	16 309	342 306	2 073 183	1 508 839	762 469	756 775	564 345	29 481	2	2
Birmingham, AL MSA	1 833	27 527	648 158	2 948 592	2 083 480	1 149 916	981 338	865 112	35 836	1	1
Boston-Worcester-Lawrence, MA-NH-ME-CT											
CMSA	12 243	81 838	2 373 923	10 850 651	7 795 632	4 779 944	3 171 595	3 055 019	114 237	1	1
Boston, MA-NH PMSA	6 890	49 004	1 486 300	7 345 622	5 037 835	3 091 565	2 036 809	2 307 788	63 841	1	1
Brockton, MA PMSA	545	3 110	82 089	306 915	253 477	165 924	94 379	53 437	3 003	4	3
Fitchburg-Leominster, MA PMSA	269	1 302	32 635	128 736	104 319	61 979	46 007	24 417	1 269	10	9
Lawrence, MA-NH PMSA	817	5 082	124 320	496 532	402 893	259 128	152 254	93 639	14 205	2	2
Lowell, MA-NH PMSA	711	4 158	107 067	528 670	419 261	238 826	188 724	109 408	9 495	3	4
Manchester, NH PMSA	504	3 407	87 906	396 764	286 943	157 297	137 693	109 821	4 018	5	5
Nashua, NH PMSA	359	2 564	69 678	304 805	209 941	135 141	90 245	94 864	2 972	3	3
New Bedford, MA PMSA	322	1 346	29 494	120 156	103 574	65 071	39 438	16 582	2 690	9	7
Portsmouth-Rochester, NH-ME PMSA	714	2 907	64 307	262 556	224 525	132 790	96 814	38 030	4 418	7	7
Worcester, MA-CT PMSA	1 112	8 958	290 127	959 896	752 864	472 223	289 233	207 032	8 326	3	3
Buffalo-Niagara Falls, NY MSA	2 770	19 882	511 310	2 223 494	1 731 257	1 044 741	721 901	492 237	29 018	1	1
Charlotte-Gastonia-Rock Hill, NC-SC MSA	3 507	35 793	820 669	3 891 328	2 727 292	1 524 019	1 258 910	1 164 036	62 675	1	1
Chicago-Gary-Kenosha, IL-IN-WI CMSA	17 461	168 121	5 399 233	22 184 439	16 162 846	10 365 237	6 228 715	6 021 593	279 047	1	1
Chicago, IL PMSA	15 745	150 021	4 872 634	20 279 362	14 635 290	9 343 621	5 695 384	5 644 072	248 879	1	1
Gary, IN PMSA	1 245	14 122	405 843	1 419 834	1 163 027	783 878	397 404	256 807	22 143	2	2
Kankakee, IL PMSA (S)		1 854	58 314	220 555	175 810	123 380	56 394	44 745	5 023	3	3
Kenosha, WI PMSA	290	2 124	62 443	264 688	188 720	114 359	79 533	75 969	3 002	8	5
Cincinnati-Hamilton, OH-KY-IN CMSA	4 374	40 410	1 016 316	4 615 778	3 394 346	1 905 131	1 571 074	1 221 432	70 455	1	1
Cincinnati, OH-KY-IN PMSA	3 644	33 505	827 482	3 806 813	2 743 906	1 550 055	1 267 287	1 062 907	59 338	1	1
Hamilton-Middletown, OH PMSA	729	6 905	188 834	808 964	650 440	355 076	303 787	158 524	11 117	2	5
Cleveland-Akron, OH CMSA	6 239	53 328	1 556 441	6 843 617	4 795 471	3 002 804	1 997 121	2 048 146	103 597	1	1
Akron, OH PMSA	1 445	11 631	345 527	1 333 817	1 058 899	697 562	383 601	274 918	20 154	2	2
Cleveland-Lorain-Elyria, OH PMSA	4 794	41 697	1 210 914	5 509 800	3 736 572	2 305 242	1 613 520	1 773 228	83 443	1	1
Columbus, OH MSA	2 820	27 675	720 067	3 376 500	2 390 325	1 259 450	1 208 798	986 174	46 425	1	1
Dallas-Fort Worth, TX CMSA	7 346	75 712	1 808 507	10 203 729	7 364 560	4 201 252	3 269 393	2 839 169	109 355	1	1
Dallas, TX PMSA	4 803	53 793	1 317 671	7 583 678	5 336 924	3 039 904	2 366 551	2 246 754	69 543	1	1
Fort Worth-Arlington, TX PMSA	2 544	21 919	490 836	2 620 051	2 027 636	1 161 348	902 842	592 415	39 812	2	3
Dayton-Springfield, OH MSA	1 803	14 720	356 206	1 652 610	1 273 689	762 794	545 591	378 921	21 991	2	3
Denver-Boulder-Greeley, CO CMSA	5 285	51 513	1 322 039	7 207 403	4 878 447	2 814 076	2 145 095	2 328 955	108 587	1	1
Boulder-Longmont, CO PMSA	723	4 956	111 408	576 070	417 652	232 570	196 786	158 418	10 540	3	6
Denver, CO PMSA	4 285	42 844	1 104 777	5 624 658	3 848 563	2 221 228	1 693 715	1 776 095	89 801	1	1
Greeley, CO PMSA	276	3 714	105 854	1 006 674	612 232	360 099	254 594	394 442	8 247	4	2
Detroit-Ann Arbor-Flint, MI CMSA	10 438	76 874	2 131 851	9 476 778	6 939 844	4 087 119	3 032 361	2 536 934	133 165	1	1
Ann Arbor, MI PMSA	1 233	7 451	191 846	793 186	597 121	374 725	241 587	196 065	15 867	3	3
Detroit, MI PMSA	8 483	64 119	1 803 987	8 161 916	5 924 886	3 442 855	2 615 927	2 237 030	108 583	1	1
Flint, MI PMSA	722	5 305	136 018	521 677	417 837	269 539	174 846	103 840	8 715	5	5
Fresno, CA MSA	1 791	14 208	349 051	1 755 587	1 268 290	770 122	516 721	487 297	18 374	2	3
Grand Rapids-Muskegon-Holland, MI MSA	2 355	19 496	505 396	2 148 090	1 642 629	953 961	745 267	505 461	43 752	2	2
Greensboro-Winston-Salem-High Point, NC MSA	3 082	24 402	540 844	2 313 434	1 822 978	1 047 370	845 053	490 456	44 231	2	2
Greenville-Spartanburg-Anderson, SC MSA	2 152	22 186	496 148	1 956 687	1 434 867	806 058	654 458	521 821	30 887	2	2
Harrisburg-Lebanon-Carlisle, PA MSA	1 276	12 181	322 918	1 489 561	1 065 112	638 045	458 449	424 449	20 200	1	1
Hartford, CT MSA	3 091	22 380	696 481	2 814 684	2 209 178	1 477 782	774 787	605 506	35 949	1	1
Honolulu, HI MSA	1 545	25 559	912 346	3 903 203	2 842 568	1 722 723	1 199 077	1 060 635	50 195	1	1
Houston-Galveston-Brazoria, TX CMSA	6 291	119 211	3 205 270	12 654 430	9 514 180	6 042 982	4 042 609	3 140 250	177 366	1	1
Brazoria, TX PMSA (S)		8 292	221 467	534 264	466 641	331 584	143 859	67 623	7 611	1	2
Galveston-Texas City, TX PMSA		2 875	71 484	286 893	231 890	148 032	86 817	55 004	6 311	3	5
Houston, TX PMSA	5 660	108 044	2 912 319	11 833 272	8 815 649	5 563 366	3 811 933	3 017 623	163 444	1	1
Indianapolis, IN MSA	3 519	37 349	961 491	4 200 995	3 227 731	1 870 117	1 425 913	973 263	56 951	1	1
Jacksonville, FL MSA	2 266	22 457	513 920	2 692 260	1 992 262	1 049 433	972 990	699 998	26 991	2	2
Kansas City, MO-KS MSA	4 037	37 512	941 580	4 126 782	3 085 130	1 805 277	1 364 250	1 041 652	79 702	1	2
Knoxville, TN MSA	1 376	15 294	357 428	1 647 147	1 124 913	626 588	516 938	522 234	26 935	2	2
Los Angeles-Riverside-Orange County, CA CMSA	25 024	228 224	6 252 722	28 494 254	20 459 711	12 903 124	8 061 167	8 034 543	250 903	(Z)	(Z)
Los Angeles-Long Beach, CA PMSA	12 214	107 774	3 102 870	14 053 438	9 847 071	6 400 955	3 705 758	4 206 367	110 354	1	1
Orange County, CA PMSA	5 346	63 974	1 727 156	8 238 752	5 761 760	3 622 397	2 295 327	2 476 992	51 968	1	1
Riverside-San Bernardino, CA PMSA	5 893	45 857	1 148 010	5 161 311	3 992 780	2 339 766	1 729 272	1 168 531	76 985	1	1
Ventura, CA PMSA	1 571	10 619	274 687	1 040 753	858 100	540 005	330 810	182 653	11 596	3	2
Louisville, KY-IN MSA	2 343	21 880	496 002	2 209 423	1 679 422	963 308	753 480	530 000	37 680	1	2
Memphis, TN-AR-MS MSA	1 747	19 165	443 617	2 079 965	1 568 485	853 852	740 772	511 480	32 711	1	2
Miami-Fort Lauderdale, FL CMSA	(S)	61 526	1 337 283	7 053 611	4 978 041	2 876 623	2 181 609	2 075 570	91 650	1	1
Fort Lauderdale, FL PMSA	3 565	28 171	638 317	3 242 896	2 326 973	1 333 169	1 030 560	915 923	44 618	2	1
Miami, FL PMSA (S)		33 355	698 966	3 810 715	2 651 068	1 543 454	1 151 049	1 159 647	47 032	2	2
Milwaukee-Racine, WI CMSA	3 669	31 927	929 071	3 696 665	2 855 345	1 773 710	1 186 066	841 320	64 107	1	1
Milwaukee-Waukesha, WI PMSA	3 254	29 003	848 416	3 357 418	2 587 785	1 617 462	1 072 660	769 633	54 656	1	1
Racine, WI PMSA	415	2 924	80 654	339 248	267 560	156 248	113 406	71 687	9 450	2	2
Minneapolis-St. Paul, MN-WI MSA	6 022	57 068	1 746 540	8 585 142	5 752 252	3 678 458	2 866 669	2 832 890	121 034	2	1
Nashville, TN MSA	2 174	23 815	537 973	2 745 648	1 840 833	1 003 751	872 133	904 815	48 698	1	1
New Orleans, LA MSA	1 895	20 124	471 829	1 971 156	1 617 749	908 293	745 705	353 407	30 813	1	1

Table 15. Selected Statistics for Establishments With Payroll for Consolidated Metropolitan Statistical Areas and Selected Metropolitan Statistical Areas: 1992—Con.

[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 appendixes]

Geographic area	Number of establishments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted to others	Capital expenditures, other than land	Relative standard error of estimate (percent) for column—	
										A	B
New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA	42 350	293 351	9 218 472	37 414 756	28 282 143	18 392 725	10 662 353	9 132 613	369 395	(Z)	(Z)
Bergen-Passaic, NJ PMSA	3 805	27 827	877 468	3 341 538	2 675 177	1 825 453	968 390	666 362	32 405	1	1
Bridgeport, CT PMSA	1 032	5 940	178 098	698 909	529 942	347 931	194 890	168 967	8 091	3	3
Danbury, CT PMSA	710	3 255	98 901	453 931	324 836	195 875	133 634	129 095	6 059	4	4
Dutchess County, NY PMSA	742	4 096	114 520	489 015	375 227	231 309	156 061	113 789	6 023	5	6
Jersey City, NJ PMSA	776	5 896	188 387	674 560	558 706	369 589	196 350	115 854	5 989	3	4
Middlesex-Somerset-Hunterdon, NJ PMSA	2 765	19 015	604 438	2 620 186	2 000 280	1 247 470	789 895	619 906	29 971	1	2
Monmouth-Ocean, NJ PMSA	2 725	15 377	418 295	2 128 055	1 594 996	1 004 473	631 216	533 059	25 342	2	3
Nassau-Suffolk, NY PMSA	8 068	44 952	1 224 727	4 994 826	3 872 198	2 440 215	1 491 173	1 122 629	54 762	1	1
New Haven-Meriden, CT PMSA	1 351	9 080	282 141	1 101 261	864 400	532 930	350 990	236 861	(S)	3	2
New York, NY PMSA	12 358	109 208	3 729 636	14 477 032	10 612 957	7 104 953	3 877 610	3 864 074	119 089	1	1
Newark, NJ PMSA	4 737	30 728	994 606	3 889 810	3 123 797	2 026 165	1 151 210	766 012	46 706	1	1
Newburgh, NY-PA PMSA	1 035	3 891	101 839	415 465	350 342	206 446	146 555	65 123	6 561	3	4
Stamford-Norwalk, CT PMSA	987	6 211	183 104	1 076 075	620 111	355 313	276 985	455 964	(S)	2	3
Trenton, NJ PMSA	691	4 984	137 822	746 410	524 888	345 956	195 957	221 522	5 847	2	1
Waterbury, CT PMSA	569	2 891	84 490	307 681	254 285	158 646	101 436	53 396	4 683	6	6
Norfolk-Virginia Beach-Newsport News, VA-NC MSA	3 475	31 916	661 209	3 264 139	2 370 699	1 311 542	1 107 870	893 440	37 724	1	2
Oklahoma City, OK MSA	1 940	14 947	323 667	1 524 928	1 133 645	633 963	526 892	391 283	29 083	2	2
Omaha, NE-IA MSA	1 793	14 711	354 345	1 933 644	1 465 442	809 972	683 552	468 202	29 574	2	2
Orlando, FL MSA	3 421	32 430	701 135	3 819 073	2 634 008	1 458 611	1 250 741	1 185 065	49 413	2	2
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA	13 010	105 943	3 072 558	12 663 461	9 443 230	6 052 455	3 736 651	3 220 232	163 018	1	1
Atlantic-Cape May, NJ PMSA	1 032	6 001	176 618	722 675	591 515	367 391	239 927	131 160	7 973	2	2
Philadelphia, PA-NJ PMSA	10 203	84 254	2 477 200	10 256 615	7 564 572	4 872 495	2 991 358	2 692 042	128 446	1	1
Vineland-Millville-Bridgeton, NJ PMSA	311	1 891	52 851	224 524	178 191	115 784	65 657	46 332	(S)	4	3
Wilmington-Newark, DE-MD PMSA	1 464	13 797	365 890	1 459 648	1 108 951	696 784	439 709	350 697	23 149	1	1
Phoenix-Mesa, AZ MSA	4 906	60 139	1 384 878	7 634 431	4 873 332	2 893 556	2 060 685	2 761 099	84 556	1	1
Pittsburgh, PA MSA	5 518	54 910	1 458 387	6 331 124	4 682 231	3 014 743	1 804 254	1 648 893	79 794	1	1
Portland-Salem, OR-WA CMSA	4 992	35 531	972 261	4 394 064	3 201 258	1 905 477	1 362 160	1 192 806	64 561	1	2
Portland-Vancouver, OR-WA PMSA	4 992	35 531	972 261	4 394 064	3 201 258	1 905 477	1 362 160	1 192 806	64 561	1	2
Salem, OR PMSA	969	5 380	126 038	678 261	495 596	274 806	226 619	182 665	7 893	5	7
Providence-Fall River-Warwick, RI-MA MSA	3 085	15 423	395 978	1 984 282	1 394 678	850 380	588 115	589 604	21 873	1	1
Raleigh-Durham-Chapel Hill, NC MSA	2 812	22 388	472 491	2 356 262	1 754 111	970 371	810 399	602 151	27 578	2	2
Richmond-Petersburg, VA MSA	2 951	26 400	595 052	2 454 846	1 913 486	1 142 623	821 860	541 360	33 222	1	3
Rochester, NY MSA	2 450	18 015	472 607	2 103 105	1 579 430	891 385	730 158	523 675	25 002	1	1
Sacramento-Yolo, CA CMSA	4 518	32 230	845 404	4 164 981	2 936 657	1 817 002	1 172 578	1 228 324	43 810	1	1
Sacramento, CA PMSA	4 190	29 291	758 919	3 782 138	2 656 758	1 632 443	1 067 355	1 125 380	39 610	1	1
Yolo, CA PMSA	(S)	2 939	86 485	382 843	279 899	184 559	105 223	102 944	4 200	6	4
St. Louis, MO-IL MSA	6 082	55 365	1 548 072	6 937 162	4 977 510	3 106 041	2 055 513	1 959 652	99 753	1	1
Salt Lake City-Ogden, UT MSA	2 707	23 990	560 317	2 772 085	1 898 262	1 105 519	857 348	873 823	55 833	2	1
San Antonio, TX MSA	2 166	30 050	702 500	2 953 852	2 217 933	1 432 349	814 910	735 918	53 106	1	2
San Diego, CA MSA	5 403	44 236	1 186 333	5 408 127	3 724 569	2 197 678	1 599 659	1 683 559	62 305	1	1
San Francisco-Oakland-San Jose, CA CMSA	15 698	128 595	4 068 869	17 428 806	12 511 463	7 858 635	4 871 350	4 917 343	173 593	1	(Z)
Oakland, CA PMSA	4 826	47 115	1 459 370	6 003 820	4 531 721	2 869 445	1 756 361	1 472 099	72 828	1	1
San Francisco, CA PMSA	4 023	31 926	1 081 787	4 900 565	3 088 978	1 953 622	1 191 790	1 811 587	36 025	1	1
San Jose, CA PMSA	3 161	27 930	934 351	3 905 159	2 860 273	1 793 802	1 104 117	1 044 885	32 969	1	1
Santa Cruz-Watsonville, CA PMSA	864	3 638	82 819	380 062	288 820	165 875	128 350	91 242	5 547	3	3
Santa Rosa, CA PMSA	1 707	9 102	241 046	1 143 887	881 009	529 602	369 143	262 879	10 563	3	3
Vallejo-Fairfield-Napa, CA PMSA	1 118	8 884	269 495	1 095 313	860 662	546 288	321 589	234 651	15 620	2	2
Scranton-Wilkes-Barre-Hazleton, PA MSA	1 614	8 699	206 050	825 138	681 573	416 091	284 099	143 566	15 042	3	3
Seattle-Tacoma-Bremerton, WA CMSA	10 669	82 634	2 384 821	10 963 886	7 917 400	4 754 065	3 444 067	3 046 486	141 175	1	1
Bremerton, WA PMSA	748	3 085	67 790	300 877	246 432	137 917	119 730	54 445	5 474	7	6
Olympia, WA PMSA	684	2 933	61 822	369 192	276 311	156 988	130 032	92 882	4 326	8	12
Seattle-Bellevue-Everett, WA PMSA	7 339	64 690	1 946 200	8 991 018	6 413 274	3 827 314	2 805 788	2 577 744	105 157	1	1
Tacoma, WA PMSA	1 897	11 925	309 008	1 302 799	981 384	631 845	388 518	321 416	26 217	2	2
Springfield, MA MSA	1 097	7 327	196 552	797 567	610 990	374 067	267 688	186 577	12 438	3	2
Syracuse, NY MSA	1 867	13 795	360 508	1 536 864	1 176 248	733 609	475 554	360 616	18 523	2	2
Tampa-St. Petersburg-Clearwater, FL MSA	4 773	39 916	809 754	4 242 494	3 067 607	1 688 212	1 442 645	1 174 887	56 136	1	1
Toledo, OH MSA	1 229	12 804	357 920	1 443 111	1 077 502	628 147	486 554	365 609	14 825	1	1
Tucson, AZ MSA	1 377	15 722	324 667	1 674 030	1 190 464	783 248	438 735	483 565	23 672	2	2
Tulsa, OK MSA	1 508	14 756	355 817	1 497 279	1 158 912	713 020	462 646	338 367	26 505	2	2
Washington-Baltimore, DC-MD-VA-WV CMSA	17 387	176 268	4 603 770	20 018 974	14 144 696	8 669 507	6 022 675	5 874 278	192 779	1	1
Baltimore, MD PMSA	6 647	59 167	1 447 718	6 196 218	4 592 118	2 854 549	1 975 464	1 604 100	74 913	1	1
Hagerstown, MD PMSA	347	3 026	65 872	283 106	206 110	114 847	98 262	76 996	3 806	5	5
Washington, DC-MD-VA-WV PMSA	10 393	114 075	3 090 179	13 539 649	9 346 467	5 700 111	3 948 948	4 193 182	114 060	1	1
West Palm Beach-Boca Raton, FL MSA	2 934	21 281	459 936	2 300 232	1 713 403	941 927	809 112	586 829	21 415	2	2
Youngstown-Warren, OH MSA	1 284	9 877	238 267	965 323	754 839	472 183	335 409	210 484	14 093	2	2

Appendix A. Explanation of Terms

Construction. Is composed of three broad categories:

1. **New construction.** Includes the complete, original building of structures and essential service facilities and the initial installation of integral equipment such as elevators and plumbing, heating, and air-conditioning supplies and equipment.
2. **Additions, alterations, or reconstruction.** Includes construction work which adds to the value or useful life of an existing building or structure, or which adapts a building or structure to a new or different use. Included are "major replacements" of building systems such as the installation of a new roof or heating system and the resurfacing of streets or highways. This contrasts to the repair of a hole in a roof or the routine patching of highways and streets, which would be classified as maintenance and repair.
3. **Maintenance and repair.** Includes incidental construction work which keeps a property in ordinary working condition. Excluded are trash and snow removal, lawn maintenance and landscaping, and cleaning and janitorial services.

Number of establishments in business during year. Includes all establishments that were in business at any time during the year. It covers all full-year and part-year operations. Construction establishments which were inactive or idle for the entire year were not included.

Proprietors and working partners. These data were not collected on the census report forms. The data shown are based on crediting each sole proprietorship establishment with one active proprietor and each partnership establishment with two working partners.

All employees. Comprises all full-time and part-time employees on the payrolls of construction establishments who worked or received pay for any part of the pay period including the 12th of March, May, August, and November. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Officers of corporations are included, but proprietors and partners of unincorporated firms are not.

All employees is the sum of all employees during the pay periods including the 12th of March, May, August, and November, divided by 4.

Construction workers. Includes all workers up through the working supervisor level directly engaged in construction operations, such as painters, carpenters, plumbers,

and electricians. Included are journeymen, mechanics, apprentices, laborers, truck drivers and helpers, equipment operators, and on-site record keepers and security guards. Supervisory employees above the working foreman level are excluded from this category but are included in the "other employees" category.

Other employees. Includes employees in executive, purchasing, accounting, personnel, professional, and technical activities, as well as routine office functions. Also included are supervisory employees above the working foreman level.

Payroll. Includes the gross earnings paid in the calendar year 1992 to all employees on the payroll of construction establishments. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation, but excludes payments to the proprietor or partners, if unincorporated.

Fringe benefits. Represents expenditures made by the employer during 1992 for legally required and voluntary fringe benefit programs for employees.

Legally required contributions. Includes Social Security contributions, unemployment compensation, worker's compensation, and State temporary disability payments.

Voluntary payments. Includes life insurance premiums, pension plans, insurance premiums on hospital and medical plans, welfare plans, and union negotiated benefits.

Dollar value of business done comprises the following detail:

Value of construction work done. Includes all value of construction work done during 1992 for construction work performed by general contractors and special trades contractors. Included is new construction, additions and alterations or reconstruction, and maintenance and repair construction work. Also included is the value of any construction work done by the reporting establishments for themselves.

Speculative builders were instructed to include the value of buildings and other structures built or being built for sale in 1992 but not sold. They were to include the costs of such construction plus normal profit. Also included is the cost of construction work done on buildings for rent or lease.

Establishments engaged in the sale and installation of such construction components as plumbing, heating, and central air-conditioning supplies and equipment; lumber and building materials; paint, glass, and wallpaper; and electrical and wiring supplies, elevators or escalators were instructed to include both the value for the installation and the receipts covering the price of the items installed.

Excluded was the cost of industrial and other specialized machinery and equipment which are not an integral part of a structure.

Other business receipts. Includes business receipts not reported as value of construction work done. The item includes business receipts from retail and wholesale trade, rental of equipment, manufacturing, transportation, legal service, insurance, finance, rental of property and other real estate operations, and other nonconstruction activities. Receipts for separately definable architectural and engineering work for others are also included here.

Excluded was the value of construction work done and receipts from other business operations in foreign countries and non-operating income such as interest and dividends.

Net value of construction work. Derived for each establishment by subtracting the costs for construction work subcontracted out to others from the value of construction work done. (For a further explanation see "Duplication in Value of Construction Work" section in the Introduction.)

Value added. Derived for each establishment, value added is equal to dollar value of business done, less costs for construction work subcontracted out to others, and costs for materials, components, supplies, and fuels. (For a further explanation see "Duplication in Value of Construction Work" section in the Introduction.)

Selected costs. Represents the costs for materials, components, and supplies; costs for construction work subcontracted out to others; and costs for selected power, fuels, and lubricants. Capital expenditures and rental costs for machinery, equipment, and structures are shown elsewhere.

Costs for materials, components, and supplies include:

- total costs to reporting establishments during 1992 for the purchase of all materials, components, and supplies, except fuels. (Supplies include expendable tools which are charged to current accounts.)

- freight and other direct charges representing only amount paid after discounts, and the value of materials, components, and supplies obtained from other establishments of the respondent's company.
- costs for materials, components, and supplies used by the reporting establishments in the construction or reconstruction of buildings/ structures for themselves which are chargeable to their fixed assets accounts, as well as costs for materials bought and resold to others.
- costs made for direct purchases of materials, components, and supplies even though the purchases were subsequently provided to subcontractors for their use.

Excluded from this item are:

- industrial and other specialized machinery and equipment such as printing presses and computer systems, which are not an integral part of a structure.
- materials furnished to contractors by the owners of projects.

Costs for construction work subcontracted out to others include:

- all costs during 1992 for construction work subcontracted out to other construction contractors.

Excluded from this item are:

- the costs to the reporting establishment for its purchases of materials, components, and supplies provided to a subcontractor for use. Such costs are reported under, "costs for materials, components, and supplies."
- costs for the rental of machinery or equipment.

Costs for selected power, fuels, and lubricants include:

- costs for fuels, lubricants, and electric energy purchased during the year from other companies or received from other establishments of the company.
- costs for natural and manufactured gas, fuel oil, coal, and coke products.

Rental costs for machinery, equipment, and buildings.

Includes all costs during 1992 for renting or leasing construction machinery and equipment, transportation equipment, production equipment, office equipment, furniture and fixtures, scaffolding, office space, and buildings. It excludes costs for the rental of land. It also excludes costs under agreements which, in effect, are conditional sales contracts such as capital leases. Such costs are included in "capital expenditures."

Selected purchased services. Includes all costs during 1992 for communication services purchased from other companies or from other establishments of the company. It also includes the cost of all repairs made to structures and equipment by outside companies or from other establishments of the same company. It includes only the cost of

repair necessary to maintain property and equipment. It excludes the cost of improvements that increase the value of property or the cost of adapting it for another use. Such costs are included in "capital expenditures."

Assets and depreciation. Refers to the original cost of all fixed tangible assets such as buildings and other structures (offices and shops); stationary machinery (generators and shop equipment); mobile machinery (tractors and trucks); and other equipment (office furniture and fixtures). Not included are such items as current assets, depletable assets, intangible assets, and nondepreciable assets.

Data on assets and depreciation were collected separately for: (1) buildings and other structures, additions, and related facilities; and (2) machinery and equipment.

Respondents were also asked to report capitalized expenditures, depreciation charges, and the gross value of assets sold, retired, scrapped, and destroyed during 1992.

Capital expenditures. Refers to all costs actually incurred during 1992 which were or would be chargeable to the fixed assets accounts of the reporting establishments and which were of the type for which depreciation accounts are ordinarily maintained. These expenditures cover the acquisition, the construction, and the major alteration of the reporting establishment's own buildings and other structures, whether purchased, constructed under contract, or constructed by the reporting establishment's own forces; and the acquisition of machinery and equipment.

If leasing arrangements met the criteria set down by the Financial Accounting Standards Board (FASB) for a capital lease, respondents were instructed to report the original cost or market value of that equipment or building as a fixed asset and capital expenditure if acquired during 1992.

If capital expenditures were not recorded directly at the establishment level but handled centrally at the company or division level, respondents were requested to report appropriate estimates for the individual establishments.

Inventories. Includes all of the materials and supplies that are owned regardless of where they are held. Excludes materials which are owned by others, but held by the reporting establishment.

Builders who built on their own account for sale were requested to exclude work in progress and finished units not sold from inventories.

Inventories of multiestablishment companies were instructed to be reported by the establishment that is responsible for the inventories even if these inventories were held at a separate location.

Ownership of construction projects. Shows the distribution of the value of construction work done by ownership of the project; that is, Government owned or privately owned. This classification relates to the ownership of the projects or work undertaken during the construction phase. Government owned projects are shown separately for Federal and State and local governments.

Value of construction work subcontracted in from others. Includes the value of construction work during 1992 for work done by reporting establishments as subcontractors. Establishments were asked to report the approximate percent of total value of construction work accounted for by such work, and the percentages reported were applied to the reported value of construction work to develop a value for this item.

Types of construction. Provides data by the types of buildings, structures, or other facilities being constructed or worked on by construction establishments in 1992. Respondents were instructed that each building, structure, or other facility should be classified in terms of its function. For example, a restaurant building was to be classified in the restaurant category whether it was designed as a commercial restaurant building or an auxiliary unit of an educational institution. If respondents worked on more than one type of building or structure in a multibuilding complex, they were instructed to report separately for each building or type of structure. If they worked on a building that had more than one purpose; i.e, office and residential, or commercial, they were to classify the building by major purpose.

In addition, all respondents were requested to report the percentage of the value of construction work done for new construction, additions, alterations, or reconstruction, and maintenance and repair work for each of these types. See the definition of "Construction" for the meanings of these terms.

Building construction:

- **Single-family houses, detached.** Includes all residential buildings constructed for one family use.
- **Single-family houses, attached, including townhouses and townhouse-type condominiums.** Includes all residential buildings with two or more living quarters side by side, completely independent of one another, and separated by an unbroken party or lot line wall from ground to roof.
- **Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives.** Includes high-rise, low-rise, or any structures containing two or more housing units other than attached single-family houses.
- **Hotels, motels, and tourist cabins.** Includes hotels, motels, bed and breakfast inns, and tourist cabins intended for transient accommodations. Also included are hotel and motel conference centers.
- **Other residential buildings.** Includes dormitories, fraternity and sorority houses, and other nonhousekeeping residential structures.
- **Office buildings.** Includes all buildings which are used primarily for office space or for government administrative offices. Also included are banks or financial buildings which are three stories or more. Medical office buildings are reported under hospitals and institutional buildings.

- **Other commercial buildings, such as stores, restaurants, and automobile service stations.** Includes all buildings which are intended for use primarily in the retail and service trades. For example, shopping centers, department stores, drug stores, restaurants, public garages, auto service stations, and one or two story bank or financial institutions.
 - **Industrial buildings.** Includes all industrial buildings and plants which are used to house production and assembly activities. Note that industrial parks should be classified under its primary usage such as warehouses, office space, commercial or industrial type buildings. Heavy industrial facilities such as blast furnaces, petroleum refineries, and chemical complexes are not included in this category but are reported under nonbuilding construction.
 - **Warehouses.** Includes commercial warehouses, cold storage plants, grain elevators, mini-warehouses, and other such storage buildings.
 - **Religious buildings.** Includes all buildings which are intended for religious services or functions such as churches, synagogues, convents, monasteries, and seminaries.
 - **Educational buildings.** Includes all buildings which are used directly in administrative and instructional activities such as colleges, universities, elementary and secondary schools, correspondence, commercial, and trade schools. Libraries, museums, and art galleries, as well as laboratories which are not a part of a manufacturing or commercial establishment, are also included.
 - **Hospitals and institutional buildings.** Includes medical office buildings and all other buildings which are intended to provide hospital and institutional care such as clinics, infirmaries, sanitariums, nursing homes, homes for the aged, and orphanages.
 - **Farm buildings, nonresidential.** Includes nonresidential farm buildings such as barns, poultry houses, implement sheds, and farm silos.
 - **Amusement, social, and recreational buildings.** Includes buildings which are used primarily for entertainment, social, and recreational activities such as sports arenas, convention centers, theaters, music halls, golf and country club buildings, skating rinks, fitness centers, bowling alleys, and indoor swimming pools.
 - **Other nonresidential buildings.** Includes nonresidential buildings which are not classified elsewhere such as fire stations, post offices, bus and air passenger terminals and hangars, and prisons.
- Nonbuilding construction:**
- **Highways, streets, and related work such as installation of guardrails, highway signs, and lighting.** Includes streets, roads, alleys, sidewalks, curbs and gutters, culverts, right-of-way drainage, erosion control, and lighting. Also includes earthwork protective structures when used in connection with road improvements.
 - **Outdoor swimming pools.** Includes wading pools and reflecting pools.
 - **Airport runways and related work.** Includes runways, taxiways, aprons, and related work.
 - **Private driveways and parking areas.** Includes all nonstructural parking areas and private driveways of all surface types.
 - **Fencing.** Includes all types of fencing.
 - **Recreational facilities.** Includes athletic fields, golf courses, outdoor tennis courts, trails, and camps.
 - **Tunnels.** Includes highway, pedestrian, railroad, and water distribution tunnels.
 - **Bridges and elevated highways.** Includes viaducts and overpasses, roads, highways, railroads, and causeways built on structural supports.
 - **Dam and reservoir construction.** Includes hydroelectric, water supply, and flood control dams and reservoirs.
 - **Marine construction.** Includes dredging, underwater rock removal, breakwaters, navigational channels, and locks.
 - **Harbor and port facilities.** Includes docks, piers, and wharves.
 - **Conservation and development construction.** Includes land reclamation, irrigation projects, drainage canals, levees, jetties, breakwaters, and flood control projects.
 - **Power and communication transmission lines, towers, and related facilities.** Includes electric power lines, telephone and telegraph lines, fiber optic cables, cable television lines, television and radio towers, and electric light and power facilities.
 - **Sewers, sewerlines, septic tanks, and related facilities.** Includes sanitary and storm sewers, pumping stations, septic systems, and related facilities.
 - **Water mains and related facilities.** Includes water supply systems, pumping stations, and related facilities.
 - **Pipeline construction other than sewer or waterlines.** Includes pipelines for the transmission of gas, petroleum products, and liquefied gases.
 - **Urban mass transit.** Includes subways, trollies, street cars, and light rail systems.
 - **Railroad construction.** Includes the construction of railroad beds, tracks, freight yards, and signal towers for systems other than urban mass transit.
 - **Blast furnaces, petroleum refineries, chemical complexes, etc.** Includes coke ovens and mining appurtenances such as tipples and washeries.

- **Power plants, nuclear.** Includes atomic energy plants and nuclear reactors.
- **Power plants, and cogeneration plants, except nuclear.** Includes electric and steam generating plants and cogenerating plants.
- **Sewage treatment plants.** Includes sewage treatment and waste disposal plants.
- **Water treatment plants.** Includes water filtration and water softening plants.
- **Ships.** Includes special trade contractors working on ships and boats such as painters, carpenters, joiners, electricians, etc.
- **Other nonbuilding construction.** Includes all types of nonbuilding construction not included elsewhere.

Appendix B. Standard Industrial Classification Titles for Industry Groups and Industries

SIC code	Industry titles	SIC code	Industry titles
15	BUILDING CONSTRUCTION—GENERAL CONTRACTORS AND OPERATIVE BUILDERS	17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS—Con.
152	General Building Contractors—Residential Buildings	173	Electrical Work Special Trade Contractors
1521	General Contractors—Single-Family Houses	1731	Electrical Work Special Trade Contractors
1522	General Contractors—Residential Buildings, Other Than Single-Family	174	Masonry, Stone Work, Tile Setting, and Plastering Special Trade Contractors
153	Operative Builders	1741	Masonry, Stone Setting, and Other Stone Work Special Trade Contractors
1531	Operative Builders	1742	Plastering, Drywall, Acoustical, and Insulation Work Special Trade Contractors
154	General Building Contractors—Nonresidential Buildings	1743	Terrazzo, Tile, Marble, and Mosaic Work Special Trade Contractors
1541	General Contractors—Industrial Buildings and Warehouses	175	Carpentry and Floor Work Special Trade Contractors
1542	General Contractors—Nonresidential Buildings, Other Than Industrial Buildings and Warehouses	1751	Carpentry Work Special Trade Contractors
16	HEAVY CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION—CONTRACTORS	1752	Floor Laying and Other Floor Work Special Trade Contractors, Not Elsewhere Classified
161	Highway and Street Construction, Except Elevated Highways	176	Roofing, Siding, and Sheet Metal Work Special Trade Contractors
1611	Highway and Street Construction Contractors, Except Elevated Highways	1761	Roofing, Siding, and Sheet Metal Work Special Trade Contractors
162	Heavy Construction, Except Highway and Street Construction	177	Concrete Work Special Trade Contractors
1622	Bridge, Tunnel, and Elevated Highway Construction Contractors	1771	Concrete Work Special Trade Contractors
1623	Water, Sewer, Pipeline, and Communications and Power Line Construction Contractors	178	Water Well Drilling Special Trade Contractors
1629	Heavy Construction Contractors, Not Elsewhere Classified	1781	Water Well Drilling Special Trade Contractors
17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS	179	Miscellaneous Special Trade Contractors
171	Plumbing, Heating, and Air-Conditioning Special Trade Contractors	1791	Structural Steel Erection Special Trade Contractors
1711	Plumbing, Heating, and Air-Conditioning Special Trade Contractors	1793	Glass and Glazing Work Special Trade Contractors
172	Painting and Paper Hanging Special Trade Contractors	1794	Excavation Work Special Trade Contractors
1721	Painting and Paper Hanging Special Trade Contractors	1795	Wrecking and Demolition Work Special Trade Contractors
		1796	Installation or Erection of Building Equipment, Special Trade Contractors, Not Elsewhere Classified
		1799	Special Trade Contractors, Not Elsewhere Classified

Appendix C. Geographic Divisions and States

NEW ENGLAND STATES

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

MIDDLE ATLANTIC STATES

New Jersey
New York
Pennsylvania

EAST NORTH CENTRAL STATES

Illinois
Indiana
Michigan
Ohio
Wisconsin

WEST NORTH CENTRAL STATES

Iowa
Kansas
Minnesota
Missouri
Nebraska
North Dakota
South Dakota

SOUTH ATLANTIC STATES

Delaware
District of Columbia
Florida
Georgia
Maryland

SOUTH ATLANTIC STATES—Con.

North Carolina
South Carolina
Virginia
West Virginia

EAST SOUTH CENTRAL STATES

Alabama
Kentucky
Mississippi
Tennessee

WEST SOUTH CENTRAL STATES

Arkansas
Louisiana
Oklahoma
Texas

MOUNTAIN STATES

Arizona
Colorado
Idaho
Montana
Nevada
New Mexico
Utah
Wyoming

PACIFIC STATES

Alaska
California
Hawaii
Oregon
Washington

Appendix D. Metropolitan Areas

[Titles and definitions shown for MSA's, CMSA's, and PMSA's are those established by the Office of Management and Budget as of June 30, 1993]

Abilene, TX MSA

Taylor County, TX

Akron, OH PMSA—see Cleveland–Akron, OH CMSA

Albany, GA MSA

Dougherty County, GA
Lee County, GA

Albany–Schenectady–Troy, NY MSA

Albany County, NY
Montgomery County, NY
Rensselaer County, NY
Saratoga County, NY
Schenectady County, NY
Schoharie County, NY

Albuquerque, NM MSA

Bernalillo County, NM
Sandoval County, NM
Valencia County, NM

Alexandria, LA MSA

Rapides Parish, LA

Allentown–Bethlehem–Easton, PA MSA

Carbon County, PA
Lehigh County, PA
Northampton County, PA

Altoona, PA MSA

Blair County, PA

Amarillo, TX MSA

Potter County, TX
Randall County, TX

Anchorage, AK MSA

Anchorage Borough, AK

Ann Arbor, MI PMSA—see Detroit–Ann Arbor–Flint, MI CMSA

Anniston, AL MSA

Calhoun County, AL

Appleton–Oshkosh–Neenah, WI MSA

Calumet County, WI
Outagamie County, WI
Winnebago County, WI

Asheville, NC MSA

Buncombe County, NC
Madison County, NC

Athens, GA MSA

Clarke County, GA
Madison County, GA
Oconee County, GA

Atlanta, GA MSA

Barrow County, GA
Bartow County, GA

Atlanta, GA MSA—Con.

Carroll County, GA
Cherokee County, GA
Clayton County, GA
Cobb County, GA
Coweta County, GA
DeKalb County, GA
Douglas County, GA
Fayette County, GA
Forsyth County, GA
Fulton County, GA
Gwinnett County, GA
Henry County, GA
Newton County, GA
Paulding County, GA
Pickens County, GA
Rockdale County, GA
Spalding County, GA
Walton County, GA

Atlantic–Cape May, NJ PMSA—see Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD CMSA

Augusta–Aiken, GA–SC MSA

Columbia County, GA
McDuffie County, GA
Richmond County, GA
Aiken County, SC
Edgefield County, SC

Austin–San Marcos, TX MSA

Bastrop County, TX
Caldwell County, TX
Hays County, TX
Travis County, TX
Williamson County, TX

Bakersfield, CA MSA

Kern County, CA

Baltimore, MD PMSA—see Washington–Baltimore, DC–MD–VA–WV CMSA

Bangor, ME MSA

Penobscot County, ME (part)
Bangor city, ME
Brewer city, ME
Eddington town, ME
Glenburn town, ME
Hampden town, ME
Hermon town, ME
Holden town, ME
Kenduskeag town, ME
Milford town, ME
Old Town city, ME
Orono town, ME
Orrington town, ME
Penobscot Indian Island
Reservation, ME
Veazie town, ME

Bangor, ME MSA—Con.

Waldo County, ME (part)
Winterport town, ME

Barnstable–Yarmouth, MA MSA

Barnstable County, MA (part)
Barnstable city, MA
Brewster town, MA
Chatham town, MA
Dennis town, MA
Eastham town, MA
Harwich town, MA
Mashpee town, MA
Orleans town, MA
Sandwich town, MA
Yarmouth town, MA

Baton Rouge, LA MSA

Ascension Parish, LA
East Baton Rouge Parish, LA
Livingston Parish, LA
West Baton Rouge Parish, LA

Beaumont–Port Arthur, TX MSA

Hardin County, TX
Jefferson County, TX
Orange County, TX

Bellingham, WA MSA

Whatcom County, WA

Benton Harbor, MI MSA

Berrien County, MI

Bergen–Passaic, NJ PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

Billings, MT MSA

Yellowstone County, MT

Biloxi–Gulfport–Pascagoula, MS MSA

Hancock County, MS
Harrison County, MS
Jackson County, MS

Binghamton, NY MSA

Broome County, NY
Tioga County, NY

Birmingham, AL MSA

Blount County, AL
Jefferson County, AL
St. Clair County, AL
Shelby County, AL

Bismarck, ND MSA

Burleigh County, ND
Morton County, ND

Bloomington, IN MSA

Monroe County, IN

Bloomington–Normal, IL MSA

McLean County, IL

Boise City, ID MSA

Ada County, ID
Canyon County, ID

Boston, MA–NH PMSA—see Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA

Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA

Boston, MA–NH PMSA
Bristol County, MA (part)
Berkley town, MA
Dighton town, MA
Mansfield town, MA
Norton town, MA
Taunton city, MA
Essex County, MA (part)
Amesbury town, MA
Beverly city, MA
Danvers town, MA
Essex town, MA
Gloucester city, MA
Hamilton town, MA
Ipswich town, MA
Lynn city, MA
Lynnfield town, MA
Manchester town, MA
Marblehead town, MA
Middleton town, MA
Nahant town, MA
Newbury town, MA
Newburyport city, MA
Peabody city, MA
Rockport town, MA
Rowley town, MA
Salem city, MA
Salisbury town, MA
Saugus town, MA
Swampscott town, MA
Topsfield town, MA
Wenham town, MA
Middlesex County, MA (part)
Acton town, MA
Arlington town, MA
Ashland town, MA
Ayer town, MA
Bedford town, MA
Belmont town, MA
Boxborough town, MA
Burlington town, MA
Cambridge city, MA
Carlisle town, MA
Concord town, MA
Everett city, MA
Framingham town, MA
Holliston town, MA
Hopkinton town, MA
Hudson town, MA
Lexington town, MA
Lincoln town, MA
Littleton town, MA
Malden city, MA
Marlborough city, MA
Maynard town, MA
Medford city, MA
Melrose city, MA
Natick town, MA
Newton city, MA
North Reading town, MA
Reading town, MA
Sherborn town, MA
Shirley town, MA
Somerville city, MA
Stoneham town, MA

Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA—Con.

Boston, MA–NH PMSA—Con.
Middlesex County, MA (part)
Stow town, MA
Sudbury town, MA
Townsend town, MA
Wakefield town, MA
Waltham city, MA
Watertown city, MA
Wayland town, MA
Weston town, MA
Wilmington town, MA
Winchester town, MA
Woburn city, MA
Norfolk County, MA (part)
Bellingham town, MA
Braintree town, MA
Brookline town, MA
Canton town, MA
Cohasset town, MA
Dedham town, MA
Dover town, MA
Foxborough town, MA
Franklin city, MA
Holbrook town, MA
Medfield town, MA
Medway town, MA
Millis town, MA
Milton town, MA
Needham town, MA
Norfolk town, MA
Norwood town, MA
Plainville town, MA
Quincy city, MA
Randolph town, MA
Sharon town, MA
Stoughton town, MA
Walpole town, MA
Wellesley town, MA
Westwood town, MA
Weymouth town, MA
Wrentham town, MA
Plymouth County, MA (part)
Carver town, MA
Duxbury town, MA
Hanover town, MA
Hingham town, MA
Hull town, MA
Kingston town, MA
Marshfield town, MA
Norwell town, MA
Pembroke town, MA
Plymouth town, MA
Rockland town, MA
Scituate town, MA
Wareham town, MA
Suffolk County, MA
Boston city, MA
Chelsea city, MA
Revere city, MA
Winthrop town, MA
Worcester County, MA (part)
Berlin town, MA
Blackstone town, MA
Bolton town, MA
Harvard town, MA
Hopedale town, MA
Lancaster town, MA
Mendon town, MA
Milford town, MA
Millville town, MA
Southborough town, MA
Upton town, MA

Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA—Con.

Boston, MA–NH PMSA—Con.
Rockingham County, NH (part)
Seabrook town, NH
South Hampton town, NH
Brockton, MA PMSA
Bristol County, MA (part)
Easton town, MA
Raynham town, MA
Norfolk County, MA (part)
Avon town, MA
Plymouth County, MA (part)
Abington town, MA
Bridgewater town, MA
Brockton city, MA
East Bridgewater town, MA
Halifax town, MA
Hanson town, MA
Lakeville town, MA
Middleborough town, MA
Plympton town, MA
West Bridgewater town, MA
Whitman town, MA
Fitchburg–Leominster, MA PMSA
Middlesex County, MA (part)
Ashby town, MA
Worcester County, MA (part)
Ashburnham town, MA
Fitchburg city, MA
Gardner city, MA
Leominster city, MA
Lunenburg town, MA
Templeton town, MA
Westminster town, MA
Winchendon town, MA
Lawrence, MA–NH PMSA
Essex County, MA (part)
Andover town, MA
Boxford town, MA
Georgetown town, MA
Groveland town, MA
Haverhill city, MA
Lawrence city, MA
Merrimac town, MA
Methuen city, MA
North Andover town, MA
West Newbury town, MA
Rockingham County, NH (part)
Atkinson town, NH
Chester town, NH
Danville town, NH
Derry town, NH
Fremont town, NH
Hampstead town, NH
Kingston town, NH
Newton town, NH
Plaistow town, NH
Raymond town, NH
Salem town, NH
Sandown town, NH
Windham town, NH
Lowell, MA–NH PMSA
Middlesex County, MA (part)
Billerica town, MA
Chelmsford town, MA
Dracut town, MA
Dunstable town, MA
Groton town, MA
Lowell city, MA
Pepperell town, MA
Tewksbury town, MA
Tyngsborough town, MA
Westford town, MA
Hillsborough County, NH (part)
Pelham town, NH

**Boston–Worcester–Lawrence, MA–NH–ME–CT
CMSA—Con.**

Manchester, NH PMSA
 Hillsborough County, NH (part)
 Bedford town, NH
 Goffstown town, NH
 Manchester city, NH
 Weare town, NH
 Merrimack County, NH (part)
 Allentown town, NH
 Hooksett town, NH
 Rockingham County, NH (part)
 Auburn town, NH
 Candia town, NH
 Londonderry town, NH
 Nashua, NH PMSA
 Hillsborough County, NH (part)
 Amherst town, NH
 Brookline town, NH
 Greenville town, NH
 Hollis town, NH
 Hudson town, NH
 Litchfield town, NH
 Mason town, NH
 Merrimack town, NH
 Milford town, NH
 Mont Vernon town, NH
 Nashua city, NH
 New Ipswich town, NH
 Wilton town, NH
 New Bedford, MA PMSA
 Bristol County, MA (part)
 Acushnet town, MA
 Dartmouth town, MA
 Fairhaven town, MA
 Freetown town, MA
 New Bedford city, MA
 Plymouth County, MA (part)
 Marion town, MA
 Mattapoisett town, MA
 Rochester town, MA
 Portsmouth–Rochester, NH–ME PMSA
 York County, ME (part)
 Berwick town, ME
 Eliot town, ME
 Kittery town, ME
 South Berwick town, ME
 York town, ME
 Rockingham County, NH (part)
 Brentwood town, NH
 East Kingston town, NH
 Epping town, NH
 Exeter town, NH
 Greenland town, NH
 Hampton town, NH
 Hampton Falls town, NH
 Kensington town, NH
 New Castle town, NH
 Newfields town, NH
 Newington town, NH
 Newmarket town, NH
 North Hampton town, NH
 Portsmouth city, NH
 Rye town, NH
 Stratham town, NH
 Strafford County, NH (part)
 Barrington town, NH
 Dover city, NH
 Durham town, NH
 Farmington town, NH
 Lee town, NH
 Madbury town, NH
 Milton town, NH
 Rochester city, NH
 Rollinsford town, NH
 Somersworth city, NH

**Boston–Worcester–Lawrence, MA–NH–ME–CT
CMSA—Con.**

Worcester, MA–CT PMSA
 Windham County, CT (part)
 Thompson town, CT
 Hampden County, MA (part)
 Holland town, MA
 Worcester County, MA (part)
 Auburn town, MA
 Barre town, MA
 Boylston town, MA
 Brookfield town, MA
 Charlton town, MA
 Clinton town, MA
 Douglas town, MA
 Dudley town, MA
 East Brookfield town, MA
 Grafton town, MA
 Holden town, MA
 Leicester town, MA
 Millbury town, MA
 Northborough town, MA
 Northbridge town, MA
 North Brookfield town, MA
 Oakham town, MA
 Oxford town, MA
 Paxton town, MA
 Princeton town, MA
 Rutland town, MA
 Shrewsbury town, MA
 Southbridge town, MA
 Spencer town, MA
 Sterling town, MA
 Sturbridge town, MA
 Sutton town, MA
 Uxbridge town, MA
 Webster town, MA
 Westborough town, MA
 West Boylston town, MA
 West Brookfield town, MA
 Worcester city, MA

**Boulder–Longmont, CO PMSA—see
Denver–Boulder–Greeley, CO CMSA****Brazoria, TX PMSA—see Houston–
Galveston–Brazoria, TX CMSA****Bremerton, WA PMSA—see Seattle–
Tacoma–Bremerton, WA CMSA****Bridgeport, CT PMSA—see New York–
Northern New Jersey–Long Island, NY–
NJ–CT–PA CMSA****Brockton, MA PMSA—see Boston–
Worcester–Lawrence, MA–NH–ME–CT CMSA****Brownsville–Harlingen–San Benito, TX MSA**
Cameron County, TX**Bryan–College Station, TX MSA**
Brazos County, TX**Buffalo–Niagara Falls, NY MSA**
Erie County, NY
Niagara County, NY**Burlington, VT MSA**

Chittenden County, VT (part)
 Burlington city, VT
 Charlotte town, VT
 Colchester town, VT
 Essex Junction village, VT
 Essex town balance, VT
 Hinesburg town, VT
 Jericho town, VT
 Jericho village, VT
 Milton town, VT
 Milton village, VT
 Richmond town, VT
 St. George town, VT
 Shelburne town, VT

Burlington, VT MSA—Con.

Chittenden County, VT (part)—Con.
 South Burlington city, VT
 Williston town, VT
 Winooski city, VT
 Franklin County, VT (part)
 Fairfax town, VT
 Georgia town, VT
 St. Albans city, VT
 St. Albans town, VT
 Swanton town, VT
 Swanton village, VT
 Grand Isle County, VT (part)
 Grand Isle town, VT
 South Hero town, VT

Canton–Massillon, OH MSA

Carroll County, OH
 Stark County, OH

Casper, WY MSA

Natrona County, WY

Cedar Rapids, IA MSA

Linn County, IA

Champaign–Urbana, IL MSA

Champaign County, IL

Charleston–North Charleston, SC MSA

Berkeley County, SC
 Charleston County, SC
 Dorchester County, SC

Charleston, WV MSA

Kanawha County, WV
 Putnam County, WV

Charlotte–Gastonia–Rock Hill, NC–SC MSA

Cabarrus County, NC
 Gaston County, NC
 Lincoln County, NC
 Mecklenburg County, NC
 Rowan County, NC
 Union County, NC
 York County, SC

Charlottesville, VA MSA

Albemarle County, VA
 Fluvanna County, VA
 Greene County, VA
 Charlottesville city, VA

Chattanooga, TN–GA MSA

Catoosa County, GA
 Dade County, GA
 Walker County, GA
 Hamilton County, TN
 Marion County, TN

Cheyenne, WY MSA

Laramie County, WY

**Chicago, IL PMSA—see Chicago–Gary–
Kenosha, IL–IN–WI CMSA****Chicago–Gary–Kenosha, IL–IN–WI CMSA**

Chicago, IL PMSA
 Cook County, IL
 DeKalb County, IL
 DuPage County, IL
 Grundy County, IL
 Kane County, IL
 Kendall County, IL
 Lake County, IL
 McHenry County, IL
 Will County, IL
 Gary, IN PMSA
 Lake County, IN
 Porter County, IN
 Kankakee, IL PMSA
 Kankakee County, IL

- Chicago-Gary-Kenosha, IL-IN-WI CMSA—Con.**
Kenosha, WI PMSA
Kenosha County, WI
- Chico-Paradise, CA MSA**
Butte County, CA
- Cincinnati, OH-KY-IN PMSA—see Cincinnati-Hamilton, OH-KY-IN CMSA**
- Cincinnati-Hamilton, OH-KY-IN CMSA**
Cincinnati, OH-KY-IN PMSA
Dearborn County, IN
Ohio County, IN
Boone County, KY
Campbell County, KY
Gallatin County, KY
Grant County, KY
Kenton County, KY
Pendleton County, KY
Brown County, OH
Clermont County, OH
Hamilton County, OH
Warren County, OH
Hamilton-Middletown, OH PMSA
Butler County, OH
- Clarksville-Hopkinsville, TN-KY MSA**
Christian County, KY
Montgomery County, TN
- Cleveland-Lorain-Elyria, OH PMSA—see Cleveland-Akron, OH CMSA**
- Cleveland-Akron, OH CMSA**
Akron, OH PMSA
Portage County, OH
Summit County, OH
Cleveland-Lorain-Elyria, OH PMSA
Ashtabula County, OH
Cuyahoga County, OH
Geauga County, OH
Lake County, OH
Lorain County, OH
Medina County, OH
- Colorado Springs, CO MSA**
El Paso County, CO
- Columbia, MO MSA**
Boone County, MO
- Columbia, SC MSA**
Lexington County, SC
Richland County, SC
- Columbus, GA-AL MSA**
Russell County, AL
Chattahoochee County, GA
Harris County, GA
Muscookee County, GA
- Columbus, OH MSA**
Delaware County, OH
Fairfield County, OH
Franklin County, OH
Licking County, OH
Madison County, OH
Pickaway County, OH
- Corpus Christi, TX MSA**
Nueces County, TX
San Patricio County, TX
- Cumberland, MD-WV MSA**
Allegany County, MD
Mineral County, WV
- Dallas, TX PMSA—see Dallas-Fort Worth, TX CMSA**
- Dallas-Fort Worth, TX CMSA**
Dallas, TX PMSA
Collin County, TX
Dallas County, TX
Denton County, TX
Ellis County, TX
Henderson County, TX
Hunt County, TX
Kaufman County, TX
Rockwall County, TX
Fort Worth-Arlington, TX PMSA
Hood County, TX
Johnson County, TX
Parker County, TX
Tarrant County, TX
- Danbury, CT PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA**
- Danville, VA MSA**
Pittsylvania County, VA
Danville city, VA
- Davenport-Moline-Rock Island, IA-IL MSA**
Henry County, IL
Rock Island County, IL
Scott County, IA
- Dayton-Springfield, OH MSA**
Clark County, OH
Greene County, OH
Miami County, OH
Montgomery County, OH
- Daytona Beach, FL MSA**
Flagler County, FL
Volusia County, FL
- Decatur, AL MSA**
Lawrence County, AL
Morgan County, AL
- Decatur, IL MSA**
Macon County, IL
- Denver, CO PMSA—see Denver-Boulder-Greeley, CO CMSA**
- Denver-Boulder-Greeley, CO CMSA**
Boulder-Longmont, CO PMSA
Boulder County, CO
Denver, CO PMSA
Adams County, CO
Arapahoe County, CO
Denver County, CO
Douglas County, CO
Jefferson County, CO
Greeley, CO PMSA
Weld County, CO
- Des Moines, IA MSA**
Dallas County, IA
Polk County, IA
Warren County, IA
- Detroit, MI PMSA—see Detroit-Ann Arbor-Flint, MI CMSA**
- Detroit-Ann Arbor-Flint, MI CMSA**
Ann Arbor, MI PMSA
Lenawee County, MI
Livingston County, MI
Washtenaw County, MI
Detroit, MI PMSA
Lapeer County, MI
Macomb County, MI
Monroe County, MI
Oakland County, MI
St. Clair County, MI
Wayne County, MI
- Detroit-Ann Arbor-Flint, MI CMSA—Con.**
Flint, MI PMSA
Genesee County, MI
- Dothan, AL MSA**
Dale County, AL
Houston County, AL
- Dover, DE MSA**
Kent County, DE
- Dubuque, IA MSA**
Dubuque County, IA
- Duluth-Superior, MN-WI MSA**
St. Louis County, MN
Douglas County, WI
- Dutchess County, NY PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA**
- Eau Claire, WI MSA**
Chippewa County, WI
Eau Claire County, WI
- El Paso, TX MSA**
El Paso County, TX
- Elkhart-Goshen, IN MSA**
Elkhart County, IN
- Elmira, NY MSA**
Chemung County, NY
- Enid, OK MSA**
Garfield County, OK
- Erie, PA MSA**
Erie County, PA
- Eugene-Springfield, OR MSA**
Lane County, OR
- Evansville-Henderson, IN-KY MSA**
Posey County, IN
Vanderburgh County, IN
Warrick County, IN
Henderson County, KY
- Fargo-Moorhead, ND-MN MSA**
Clay County, MN
Cass County, ND
- Fayetteville, NC MSA**
Cumberland County, NC
- Fayetteville-Springdale-Rogers, AR MSA**
Benton County, AR
Washington County, AR
- Fitchburg-Leominster, MA PMSA—see Boston-Worcester-Lawrence, MA-NH-ME-CT CMSA**
- Flint, MI PMSA—see Detroit-Ann Arbor-Flint, MI CMSA**
- Florence, AL MSA**
Colbert County, AL
Lauderdale County, AL
- Florence, SC MSA**
Florence County, SC
- Fort Collins-Loveland, CO MSA**
Larimer County, CO
- Fort Lauderdale, FL PMSA—see Miami-Fort Lauderdale, FL CMSA**
- Fort Myers-Cape Coral, FL MSA**
Lee County, FL
- Fort Pierce-Port St. Lucie, FL MSA**
Martin County, FL
St. Lucie County, FL

Fort Smith, AR—OK MSA
Crawford County, AR
Sebastian County, AR
Sequoyah County, OK

Fort Walton Beach, FL MSA
Okaloosa County, FL

Fort Wayne, IN MSA
Adams County, IN
Allen County, IN
De Kalb County, IN
Huntington County, IN
Wells County, IN
Whitley County, IN

**Fort Worth—Arlington, TX PMSA—see
Dallas—Fort Worth, TX CMSA**

Fresno, CA MSA
Fresno County, CA
Madera County, CA

Gadsden, AL MSA
Etowah County, AL

Gainesville, FL MSA
Alachua County, FL

**Galveston—Texas City, TX PMSA—see
Houston—Galveston—Brazoria, TX CMSA**

**Gary, IN PMSA—see Chicago—Gary—
Kenosha, IL—IN—WI CMSA**

Glens Falls, NY MSA
Warren County, NY
Washington County, NY

Goldsboro, NC MSA
Wayne County, NC

Grand Forks, ND—MN MSA
Polk County, MN
Grand Forks County, ND

Grand Rapids—Muskegon—Holland, MI MSA
Allegan County, MI
Kent County, MI
Muskegon County, MI
Ottawa County, MI

Great Falls, MT MSA
Cascade County, MT

**Greeley, CO PMSA—see Denver—Boulder—
Greeley, CO CMSA**

Green Bay, WI MSA
Brown County, WI

**Greensboro—Winston-Salem—High Point, NC
MSA**
Alamance County, NC
Davidson County, NC
Davie County, NC
Forsyth County, NC
Guilford County, NC
Randolph County, NC
Stokes County, NC
Yadkin County, NC

Greenville, NC MSA
Pitt County, NC

Greenville—Spartanburg—Anderson, SC MSA
Anderson County, SC
Cherokee County, SC
Greenville County, SC
Pickens County, SC
Spartanburg County, SC

**Hagerstown, MD PMSA—see Washington—
Baltimore, DC—MD—VA—WV CMSA**

**Hamilton—Middletown, OH PMSA—see
Cincinnati—Hamilton, OH—KY—IN CMSA**

Harrisburg—Lebanon—Carlisle, PA MSA
Cumberland County, PA
Dauphin County, PA
Lebanon County, PA
Perry County, PA

Hartford, CT MSA
Hartford County, CT (part)
Avon town, CT
Berlin town, CT
Bloomfield town, CT
Bristol city, CT
Burlington town, CT
Canton town, CT
East Granby town, CT
East Hartford town, CT
East Windsor town, CT
Enfield town, CT
Farmington town, CT
Glastonbury town, CT
Granby town, CT
Hartford city, CT
Manchester town, CT
Marlborough town, CT
New Britain city, CT
Newington town, CT
Plainville town, CT
Rocky Hill town, CT
Simsbury town, CT
Southington town, CT
South Windsor town, CT
Suffield town, CT
West Hartford town, CT
Wethersfield town, CT
Windsor town, CT
Windsor Locks town, CT

Litchfield County, CT (part)
Barkhamsted town, CT
Harwinton town, CT
New Hartford town, CT
Plymouth town, CT
Winchester town, CT

Middlesex County, CT (part)
Cromwell town, CT
Durham town, CT
East Haddam town, CT
East Hampton town, CT
Haddam town, CT
Middlefield town, CT
Middletown city, CT
Portland town, CT

New London County, CT (part)
Colchester town, CT
Lebanon town, CT

Tolland County, CT (part)
Andover town, CT
Bolton town, CT
Columbia town, CT
Coventry town, CT
Ellington town, CT
Hebron town, CT
Mansfield town, CT
Somers town, CT
Stafford town, CT
Tolland town, CT
Vernon town, CT
Willington town, CT

Windham County, CT (part)
Ashford town, CT
Chaplin town, CT
Windham town, CT

Hickory—Morganton, NC MSA
Alexander County, NC
Burke County, NC
Caldwell County, NC
Catawba County, NC

Honolulu, HI MSA
Honolulu County, HI

Houma, LA MSA
Lafourche Parish, LA
Terrebonne Parish, LA

**Houston, TX PMSA—see Houston—Galveston—
Brazoria, TX CMSA**

Houston—Galveston—Brazoria, TX CMSA
Brazoria, TX PMSA
Brazoria County, TX
Galveston—Texas City, TX PMSA
Galveston County, TX
Houston, TX PMSA
Chambers County, TX
Fort Bend County, TX
Harris County, TX
Liberty County, TX
Montgomery County, TX
Waller County, TX

Huntington—Ashland, WV—KY—OH MSA
Boyd County, KY
Carter County, KY
Greenup County, KY
Lawrence County, OH
Cabell County, WV
Wayne County, WV

Huntsville, AL MSA
Limestone County, AL
Madison County, AL

Indianapolis, IN MSA
Boone County, IN
Hamilton County, IN
Hancock County, IN
Hendricks County, IN
Johnson County, IN
Madison County, IN
Marion County, IN
Morgan County, IN
Shelby County, IN

Iowa City, IA MSA
Johnson County, IA

Jackson, MI MSA
Jackson County, MI

Jackson, MS MSA
Hinds County, MS
Madison County, MS
Rankin County, MS

Jackson, TN MSA
Madison County, TN

Jacksonville, FL MSA
Clay County, FL
Duval County, FL
Nassau County, FL
St. Johns County, FL

Jacksonville, NC MSA
Onslow County, NC

Jamestown, NY MSA
Chautauqua County, NY

Janesville—Beloit, WI MSA
Rock County, WI

Jersey City, NJ PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

Johnson City–Kingsport–Bristol, TN–VA MSA

Carter County, TN
Hawkins County, TN
Sullivan County, TN
Unicoi County, TN
Washington County, TN
Scott County, VA
Washington County, VA
Bristol city, VA

Johnstown, PA MSA

Cambria County, PA
Somerset County, PA

Joplin, MO MSA

Jasper County, MO
Newton County, MO

Kalamazoo–Battle Creek, MI MSA

Calhoun County, MI
Kalamazoo County, MI
Van Buren County, MI

Kankakee, IL PMSA—see Chicago–Gary–Kenosha, IL–IN–WI CMSA

Kansas City, MO–KS MSA

Johnson County, KS
Leavenworth County, KS
Miami County, KS
Wyandotte County, KS
Cass County, MO
Clay County, MO
Clinton County, MO
Jackson County, MO
Lafayette County, MO
Platte County, MO
Ray County, MO

Kenosha, WI PMSA—see Chicago–Gary–Kenosha, IL–IN–WI CMSA

Killeen–Temple, TX MSA

Bell County, TX
Coryell County, TX

Knoxville, TN MSA

Anderson County, TN
Blount County, TN
Knox County, TN
Loudon County, TN
Sevier County, TN
Union County, TN

Kokomo, IN MSA

Howard County, IN
Tipton County, IN

La Crosse, WI–MN MSA

Houston County, MN
La Crosse County, WI

Lafayette, LA MSA

Acadia Parish, LA
Lafayette Parish, LA
St. Landry Parish, LA
St. Martin Parish, LA

Lafayette, IN MSA

Clinton County, IN
Tippecanoe County, IN

Lake Charles, LA MSA

Calcasieu Parish, LA

Lakeland–Winter Haven, FL MSA

Polk County, FL

Lancaster, PA MSA

Lancaster County, PA

Lansing–East Lansing, MI MSA

Clinton County, MI
Eaton County, MI
Ingham County, MI

Laredo, TX MSA

Webb County, TX

Las Cruces, NM MSA

Dona Ana County, NM

Las Vegas, NV–AZ MSA

Mohave County, AZ
Clark County, NV
Nye County, NV

Lawrence, KS MSA

Douglas County, KS

Lawrence, MA–NH PMSA—see Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA

Lawton, OK MSA

Comanche County, OK

Lewiston–Auburn, ME MSA

Androscoggin County, ME (part)
Auburn city, ME
Greene town, ME
Lewiston city, ME
Lisbon town, ME
Mechanic Falls town, ME
Poland town, ME
Sabattus town, ME
Turner town, ME
Wales town, ME

Lexington, KY MSA

Bourbon County, KY
Clark County, KY
Fayette County, KY
Jessamine County, KY
Madison County, KY
Scott County, KY
Woodford County, KY

Lima, OH MSA

Allen County, OH
Auglaize County, OH

Lincoln, NE MSA

Lancaster County, NE

Little Rock–North Little Rock, AR MSA

Faulkner County, AR
Lonoke County, AR
Pulaski County, AR
Saline County, AR

Longview–Marshall, TX MSA

Gregg County, TX
Harrison County, TX
Upshur County, TX

Los Angeles–Riverside–Orange County, CA CMSA

Los Angeles–Long Beach, CA PMSA
Los Angeles County, CA
Orange County, CA PMSA
Orange County, CA
Riverside–San Bernardino, CA PMSA
Riverside County, CA
San Bernardino County, CA
Ventura, CA PMSA
Ventura County, CA

Los Angeles–Long Beach, CA PMSA—see Los Angeles–Riverside–Orange County, CA CMSA

Louisville, KY–IN MSA

Clark County, IN
Floyd County, IN
Harrison County, IN
Scott County, IN
Bullitt County, KY
Jefferson County, KY
Oldham County, KY

Lowell, MA–NH PMSA—see Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA

Lubbock, TX MSA

Lubbock County, TX

Lynchburg, VA MSA

Amherst County, VA
Bedford County, VA
Campbell County, VA
Bedford city, VA
Lynchburg city, VA

Macon, GA MSA

Bibb County, GA
Houston County, GA
Jones County, GA
Peach County, GA
Twiggs County, GA

Madison, WI MSA

Dane County, WI

Manchester, NH PMSA—see Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA

Mansfield, OH MSA

Crawford County, OH
Richland County, OH

McAllen–Edinburg–Mission, TX MSA

Hidalgo County, TX

Medford–Ashland, OR MSA

Jackson County, OR

Melbourne–Titusville–Palm Bay, FL MSA

Brevard County, FL

Memphis, TN–AR–MS MSA

Crittenden County, AR
DeSoto County, MS
Fayette County, TN
Shelby County, TN
Tipton County, TN

Merced, CA MSA

Merced County, CA

Miami–Fort Lauderdale, FL CMSA

Fort Lauderdale, FL PMSA
Broward County, FL
Miami, FL PMSA
Dade County, FL

Miami, FL PMSA—see Miami–Fort Lauderdale, FL CMSA

Middlesex–Somerset–Hunterdon, NJ PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

Milwaukee–Waukesha, WI PMSA—see Milwaukee–Racine, WI CMSA

Milwaukee–Racine, WI CMSA

Milwaukee–Waukesha, WI PMSA
Milwaukee County, WI
Ozaukee County, WI
Washington County, WI
Waukesha County, WI

Milwaukee-Racine, WI CMSA—Con.

Racine, WI PMSA
Racine County, WI

Minneapolis-St. Paul, MN-WI MSA

Anoka County, MN
Carver County, MN
Chisago County, MN
Dakota County, MN
Hennepin County, MN
Isanti County, MN
Ramsey County, MN
Scott County, MN
Sherburne County, MN
Washington County, MN
Wright County, MN
Pierce County, WI
St. Croix County, WI

Mobile, AL MSA

Baldwin County, AL
Mobile County, AL

Modesto, CA MSA

Stanislaus County, CA

Monmouth-Ocean, NJ PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA

Monroe, LA MSA

Ouachita Parish, LA

Montgomery, AL MSA

Autauga County, AL
Elmore County, AL
Montgomery County, AL

Muncie, IN MSA

Delaware County, IN

Myrtle Beach, SC MSA

Horry County, SC

Naples, FL MSA

Collier County, FL

Nashua, NH PMSA—see Boston-

Worcester-Lawrence, MA-NH-ME-CT CMSA

Nashville, TN MSA

Cheatham County, TN
Davidson County, TN
Dickson County, TN
Robertson County, TN
Rutherford County, TN
Sumner County, TN
Williamson County, TN
Wilson County, TN

Nassau-Suffolk, NY PMSA—see New

York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA

New Bedford, MA PMSA—see Boston-

Worcester-Lawrence, MA-NH-ME-CT CMSA

New Haven-Meriden, CT PMSA—see New

York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA

New London-Norwich, CT-RI MSA

Middlesex County, CT (part)
Fenwick borough, CT
Old Saybrook town, CT
New London County, CT (part)
Bozrah town, CT
East Lyme town, CT
Franklin town, CT
Griswold town balance, CT
Groton city, CT
Groton town balance, CT

New London-Norwich, CT-RI MSA—Con.

New London County, CT (part)—Con.
Groton Long Point borough, CT
Jewett City borough, CT
Ledyard town, CT
Lisbon town, CT
Montville town, CT
New London city, CT
North Stonington town, CT
Norwich city, CT
Old Lyme town, CT
Preston town, CT
Salem town, CT
Sprague town, CT
Stonington borough, CT
Stonington town, CT
Waterford town, CT
Windham County, CT (part)
Canterbury town, CT
Plainfield town, CT
Washington County, RI (part)
Hopkinton town, RI
Westerly town, RI

New Orleans, LA MSA

Jefferson Parish, LA
Orleans Parish, LA
Plaquemines Parish, LA
St. Bernard Parish, LA
St. Charles Parish, LA
St. James Parish, LA
St. John the Baptist Parish, LA
St. Tammany Parish, LA

New York, NY PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA

New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA

Bergen-Passaic, NJ PMSA
Bergen County, NJ
Passaic County, NJ
Bridgeport, CT PMSA
Fairfield County, CT (part)
Bridgeport city, CT
Easton town, CT
Fairfield town, CT
Monroe town, CT
Shelton city, CT
Stratford town, CT
Trumbull town, CT
New Haven County, CT (part)
Ansonia city, CT
Beacon Falls town, CT
Derby city, CT
Milford city (balance), CT
Oxford town, CT
Seymour town, CT
Woodmont borough, CT
Danbury, CT PMSA
Fairfield County, CT (part)
Bethel town, CT
Brookfield town, CT
Danbury city, CT
New Fairfield town, CT
Newtown borough, CT
Newtown town, CT
Redding town, CT
Ridgefield town, CT
Sherman town, CT
Litchfield County, CT (part)
Bridgewater town, CT
New Milford town, CT
Roxbury town, CT
Washington town, CT
Dutchess County, NY PMSA
Dutchess County, NY

New York-Northern New Jersey-Long

Island, NY-NJ-CT-PA CMSA—Con.

Jersey City, NJ PMSA
Hudson County, NJ
Middlesex-Somerset-Hunterdon, NJ PMSA
Hunterdon County, NJ
Middlesex County, NJ
Somerset County, NJ
Monmouth-Ocean, NJ PMSA
Monmouth County, NJ
Ocean County, NJ
Nassau-Suffolk, NY PMSA
Nassau County, NY
Suffolk County, NY
New Haven-Meriden, CT PMSA
Middlesex County, CT (part)
Clinton town, CT
Killingworth town, CT
New Haven County, CT (part)
Bethany town, CT
Branford town, CT
Cheshire town, CT
East Haven town, CT
Guilford town, CT
Hamden town, CT
Madison town, CT
Meriden city, CT
New Haven city, CT
North Branford town, CT
North Haven town, CT
Orange town, CT
Wallingford town, CT
West Haven city, CT
Woodbridge town, CT
New York, NY PMSA
Bronx County, NY
Kings County, NY
New York County, NY
Putnam County, NY
Queens County, NY
Richmond County, NY
Rockland County, NY
Westchester County, NY
Newark, NJ PMSA
Essex County, NJ
Morris County, NJ
Sussex County, NJ
Union County, NJ
Warren County, NJ
Newburgh, NY-PA PMSA
Orange County, NY
Pike County, PA
Stamford-Norwalk, CT PMSA
Fairfield County, CT (part)
Darien town, CT
Greenwich town, CT
New Canaan town, CT
Norwalk city, CT
Stamford city, CT
Weston town, CT
Westport town, CT
Wilton town, CT
Trenton, NJ PMSA
Mercer County, NJ
Waterbury, CT PMSA
Litchfield County, CT (part)
Bethlehem town, CT
Thomaston town, CT
Watertown town, CT
Woodbury town, CT
New Haven County, CT (part)
Middlebury town, CT
Naukatuck borough, CT
Prospect town, CT
Southbury town, CT
Waterbury city, CT
Wolcott town, CT

Newark, NJ PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

Newburgh, NY–PA PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

Norfolk–Virginia Beach–Newport News, VA–NC MSA

Currituck County, NC
 Gloucester County, VA
 Isle of Wight County, VA
 James City County, VA
 Mathews County, VA
 York County, VA
 Chesapeake city, VA
 Hampton city, VA
 Newport News city, VA
 Norfolk city, VA
 Poquoson city, VA
 Portsmouth city, VA
 Suffolk city, VA
 Virginia Beach city, VA
 Williamsburg city, VA

Oakland, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA

Ocala, FL MSA

Marion County, FL

Odessa–Midland, TX MSA

Ector County, TX
 Midland County, TX

Oklahoma City, OK MSA

Canadian County, OK
 Cleveland County, OK
 Logan County, OK
 McClain County, OK
 Oklahoma County, OK
 Pottawatomie County, OK

Olympia, WA PMSA—see Seattle–Tacoma–Bremerton, WA CMSA

Omaha, NE–IA MSA

Pottawattamie County, IA
 Cass County, NE
 Douglas County, NE
 Sarpy County, NE
 Washington County, NE

Orange County, CA PMSA—see Los Angeles–Riverside–Orange County, CA CMSA

Orlando, FL MSA

Lake County, FL
 Orange County, FL
 Osceola County, FL
 Seminole County, FL

Owensboro, KY MSA

Daviess County, KY

Panama City, FL MSA

Bay County, FL

Parkersburg–Marietta, WV–OH MSA

Washington County, OH
 Wood County, WV

Pensacola, FL MSA

Escambia County, FL
 Santa Rosa County, FL

Peoria–Pekin, IL MSA

Peoria County, IL
 Tazewell County, IL
 Woodford County, IL

Philadelphia, PA–NJ PMSA—see Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD CMSA

Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD CMSA

Atlantic–Cape May, NJ PMSA
 Atlantic County, NJ
 Cape May County, NJ

Philadelphia, PA–NJ PMSA

Burlington County, NJ
 Camden County, NJ
 Gloucester County, NJ
 Salem County, NJ
 Bucks County, PA
 Chester County, PA
 Delaware County, PA
 Montgomery County, PA

Philadelphia County, PA
 Vineland–Millville–Bridgeton, NJ PMSA
 Cumberland County, NJ

Wilmington–Newark, DE–MD PMSA
 New Castle County, DE
 Cecil County, MD

Phoenix–Mesa, AZ MSA

Maricopa County, AZ
 Pinal County, AZ

Pine Bluff, AR MSA

Jefferson County, AR

Pittsburgh, PA MSA

Allegheny County, PA
 Beaver County, PA
 Butler County, PA
 Fayette County, PA
 Washington County, PA
 Westmoreland County, PA

Pittsfield, MA MSA

Berkshire County, MA (part)
 Adams town, MA
 Cheshire town, MA
 Dalton town, MA
 Hinsdale town, MA
 Lanesborough town, MA
 Lee town, MA
 Lenox town, MA
 Pittsfield city, MA
 Richmond town, MA
 Stockbridge town, MA

Portland, ME MSA

Cumberland County, ME (part)
 Cape Elizabeth town, ME
 Casco town, ME
 Cumberland town, ME
 Falmouth town, ME
 Freeport town, ME
 Gorham town, ME
 Gray town, ME
 North Yarmouth town, ME
 Portland city, ME
 Raymond town, ME
 Scarborough town, ME
 South Portland city, ME
 Standish town, ME
 Westbrook city, ME
 Windham town, ME
 Yarmouth town, ME
 York County, ME (part)
 Buxton town, ME
 Hollis town, ME
 Limington town, ME
 Old Orchard Beach town, ME

Portland–Vancouver, OR–WA PMSA—see Portland–Salem, OR–WA CMSA

Portland–Salem, OR–WA CMSA

Portland–Vancouver, OR–WA PMSA

Clackamas County, OR
 Columbia County, OR
 Multnomah County, OR
 Washington County, OR
 Yamhill County, OR
 Clark County, WA

Salem, OR PMSA

Marion County, OR
 Polk County, OR

Portsmouth–Rochester, NH–ME PMSA—see Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA

Providence–Fall River–Warwick, RI–MA MSA

Bristol County, MA (part)
 Attleboro city, MA
 Fall River city, MA
 North Attleborough town, MA
 Rehoboth town, MA
 Seekonk town, MA
 Somerset town, MA
 Swansea town, MA
 Westport town, MA
 Bristol County, RI
 Barrington town, RI
 Bristol town, RI
 Warren town, RI
 Kent County, RI
 Coventry town, RI
 East Greenwich town, RI
 Warwick city, RI
 West Greenwich town, RI
 West Warwick town, RI
 Newport County, RI (part)
 Jamestown town, RI
 Little Compton town, RI
 Tiverton town, RI
 Providence County, RI
 Burrillville town, RI
 Central Falls city, RI
 Cranston city, RI
 Cumberland town, RI
 East Providence city, RI
 Foster town, RI
 Glocester town, RI
 Johnston town, RI
 Lincoln town, RI
 North Providence town, RI
 North Smithfield town, RI
 Pawtucket city, RI
 Providence city, RI
 Scituate town, RI
 Smithfield town, RI
 Woonsocket city, RI
 Washington County, RI (part)
 Charlestown town, RI
 Exeter town, RI
 Narragansett town, RI
 North Kingstown town, RI
 Richmond town, RI
 South Kingstown town, RI

Provo–Orem, UT MSA

Utah County, UT

Pueblo, CO MSA

Pueblo County, CO

Punta Gorda, FL MSA

Charlotte County, FL

Racine, WI PMSA—see Milwaukee–Racine, WI CMSA

Raleigh–Durham–Chapel Hill, NC MSA

Chatham County, NC
Durham County, NC
Franklin County, NC
Johnston County, NC
Orange County, NC
Wake County, NC

Rapid City, SD MSA

Pennington County, SD

Reading, PA MSA

Berks County, PA

Redding, CA MSA

Shasta County, CA

Reno, NV MSA

Washoe County, NV

Richland–Kennewick–Pasco, WA MSA

Benton County, WA
Franklin County, WA

Richmond–Petersburg, VA MSA

Charles City County, VA
Chesterfield County, VA
Dinwiddie County, VA
Goochland County, VA
Hanover County, VA
Henrico County, VA
New Kent County, VA
Powhatan County, VA
Prince George County, VA
Colonial Heights city, VA
Hopewell city, VA
Petersburg city, VA
Richmond city, VA

Riverside–San Bernardino, CA PMSA—see Los Angeles–Riverside–Orange County, CA CMSA

Roanoke, VA MSA

Botetourt County, VA
Roanoke County, VA
Roanoke city, VA
Salem city, VA

Rochester, MN MSA

Olmsted County, MN

Rochester, NY MSA

Genesee County, NY
Livingston County, NY
Monroe County, NY
Ontario County, NY
Orleans County, NY
Wayne County, NY

Rockford, IL MSA

Boone County, IL
Ogle County, IL
Winnebago County, IL

Rocky Mount, NC MSA

Edgecombe County, NC
Nash County, NC

Sacramento, CA PMSA—see Sacramento–Yolo, CA CMSA

Sacramento–Yolo, CA CMSA

Sacramento, CA PMSA
El Dorado County, CA
Placer County, CA
Sacramento County, CA
Yolo, CA PMSA
Yolo County, CA

Saginaw–Bay City–Midland, MI MSA

Bay County, MI
Midland County, MI
Saginaw County, MI

St. Cloud, MN MSA

Benton County, MN
Stearns County, MN

St. Joseph, MO MSA

Andrew County, MO
Buchanan County, MO

St. Louis, MO–IL MSA

Clinton County, IL
Jersey County, IL
Madison County, IL
Monroe County, IL
St. Clair County, IL
Franklin County, MO
Jefferson County, MO
Lincoln County, MO
St. Charles County, MO
St. Louis County, MO
Warren County, MO
St. Louis city, MO

Salem, OR PMSA—see Portland–Salem, OR–WA CMSA

Salinas, CA MSA

Monterey County, CA

Salt Lake City–Ogden, UT MSA

Davis County, UT
Salt Lake County, UT
Weber County, UT

San Angelo, TX MSA

Tom Green County, TX

San Antonio, TX MSA

Bexar County, TX
Comal County, TX
Guadalupe County, TX
Wilson County, TX

San Diego, CA MSA

San Diego County, CA

San Francisco, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA

San Francisco–Oakland–San Jose, CA CMSA

Oakland, CA PMSA
Alameda County, CA
Contra Costa County, CA
San Francisco, CA PMSA
Marin County, CA
San Francisco County, CA
San Mateo County, CA
San Jose, CA PMSA
Santa Clara County, CA
Santa Cruz–Watsonville, CA PMSA
Santa Cruz County, CA
Santa Rosa, CA PMSA
Sonoma County, CA
Vallejo–Fairfield–Napa, CA PMSA
Napa County, CA
Solano County, CA

San Jose, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA

San Luis Obispo–Atascadero–Paso Robles, CA MSA

San Luis Obispo County, CA

Santa Barbara–Santa Maria–Lompoc, CA MSA

Santa Barbara County, CA

Santa Cruz–Watsonville, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA

Santa Fe, NM MSA

Los Alamos County, NM
Santa Fe County, NM

Santa Rosa, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA

Sarasota–Bradenton, FL MSA

Manatee County, FL
Sarasota County, FL

Savannah, GA MSA

Bryan County, GA
Chatham County, GA
Effingham County, GA

Scranton–Wilkes-Barre–Hazleton, PA MSA

Columbia County, PA
Lackawanna County, PA
Luzerne County, PA
Wyoming County, PA

Seattle–Bellevue–Everett, WA PMSA—see Seattle–Tacoma–Bremerton, WA CMSA

Seattle–Tacoma–Bremerton, WA CMSA

Bremerton, WA PMSA
Kitsap County, WA
Olympia, WA PMSA
Thurston County, WA
Seattle–Bellevue–Everett, WA PMSA
Island County, WA
King County, WA
Snohomish County, WA
Tacoma, WA PMSA
Pierce County, WA

Sharon, PA MSA

Mercer County, PA

Sheboygan, WI MSA

Sheboygan County, WI

Sherman–Denison, TX MSA

Grayson County, TX

Shreveport–Bossier City, LA MSA

Bossier Parish, LA
Caddo Parish, LA
Webster Parish, LA

Sioux City, IA–NE MSA

Woodbury County, IA
Dakota County, NE

Sioux Falls, SD MSA

Lincoln County, SD
Minnehaha County, SD

South Bend, IN MSA

St. Joseph County, IN

Spokane, WA MSA

Spokane County, WA

Springfield, IL MSA

Menard County, IL
Sangamon County, IL

Springfield, MO MSA

Christian County, MO
Greene County, MO
Webster County, MO

Springfield, MA MSA

Franklin County, MA (part)
Sunderland town, MA
Hampden County, MA (part)
Agawam city, MA
Chicopee city, MA

Springfield, MA MSA—Con.

Hampden County, MA (part)—Con.
 East Longmeadow town, MA
 Hampden town, MA
 Holyoke city, MA
 Longmeadow town, MA
 Ludlow town, MA
 Monson town, MA
 Montgomery town, MA
 Palmer town, MA
 Russell town, MA
 Southwick town, MA
 Springfield city, MA
 Westfield city, MA
 West Springfield town, MA
 Wilbraham town, MA
 Hampshire County, MA (part)
 Amherst town, MA
 Belchertown town, MA
 Easthampton town, MA
 Granby town, MA
 Hadley town, MA
 Hatfield town, MA
 Huntington town, MA
 Northampton city, MA
 Southampton town, MA
 South Hadley town, MA
 Ware town, MA
 Williamsburg town, MA

Stamford–Norwalk, CT PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

State College, PA MSA

Centre County, PA

Steubenville–Weirton, OH–WV MSA

Jefferson County, OH
 Brooke County, WV
 Hancock County, WV

Stockton–Lodi, CA MSA

San Joaquin County, CA

Sumter, SC MSA

Sumter County, SC

Syracuse, NY MSA

Cayuga County, NY
 Madison County, NY
 Onondaga County, NY
 Oswego County, NY

Tacoma, WA PMSA—see Seattle–Tacoma–Bremerton, WA CMSA

Tallahassee, FL MSA

Gadsden County, FL
 Leon County, FL

Tampa–St. Petersburg–Clearwater, FL MSA

Hernando County, FL
 Hillsborough County, FL
 Pasco County, FL
 Pinellas County, FL

Terre Haute, IN MSA

Clay County, IN
 Vermillion County, IN
 Vigo County, IN

Texarkana, TX–Texarkana, AR MSA

Miller County, AR
 Bowie County, TX

Toledo, OH MSA

Fulton County, OH
 Lucas County, OH
 Wood County, OH

Topeka, KS MSA

Shawnee County, KS

Trenton, NJ PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

Tucson, AZ MSA

Pima County, AZ

Tulsa, OK MSA

Creek County, OK
 Osage County, OK
 Rogers County, OK
 Tulsa County, OK
 Wagoner County, OK

Tuscaloosa, AL MSA

Tuscaloosa County, AL

Tyler, TX MSA

Smith County, TX

Utica–Rome, NY MSA

Herkimer County, NY
 Oneida County, NY

Vallejo–Fairfield–Napa, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA

Ventura, CA PMSA—see Los Angeles–Riverside–Orange County, CA CMSA

Victoria, TX MSA

Victoria County, TX

Vineland–Millville–Bridgeton, NJ PMSA—see Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD CMSA

Visalia–Tulare–Porterville, CA MSA

Tulare County, CA

Waco, TX MSA

McLennan County, TX

Washington, DC–MD–VA–WV PMSA—see Washington–Baltimore, DC–MD–VA–WV CMSA

Washington–Baltimore, DC–MD–VA–WV CMSA

Baltimore, MD PMSA
 Anne Arundel County, MD
 Baltimore County, MD
 Carroll County, MD
 Harford County, MD
 Howard County, MD
 Queen Anne’s County, MD
 Baltimore city, MD
 Hagerstown, MD PMSA
 Washington County, MD
 Washington, DC–MD–VA–WV PMSA
 District of Columbia, DC
 Calvert County, MD
 Charles County, MD
 Frederick County, MD
 Montgomery County, MD
 Prince George’s County, MD
 Arlington County, VA
 Clarke County, VA
 Culpeper County, VA
 Fairfax County, VA

Washington–Baltimore, DC–MD–VA–WV CMSA—Con.

Washington, DC–MD–VA–WV PMSA—Con.
 Fauquier County, VA
 King George County, VA
 Loudoun County, VA
 Prince William County, VA
 Spotsylvania County, VA
 Stafford County, VA
 Warren County, VA
 Alexandria city, VA
 Fairfax city, VA
 Falls Church city, VA
 Fredericksburg city, VA
 Manassas city, VA
 Manassas Park city, VA
 Berkeley County, WV
 Jefferson County, WV

Waterbury, CT PMSA—see New York–Northern New Jersey–Long Island, NY–NJ–CT–PA CMSA

Waterloo–Cedar Falls, IA MSA

Black Hawk County, IA

Wausau, WI MSA

Marathon County, WI

West Palm Beach–Boca Raton, FL MSA

Palm Beach County, FL

Wheeling, WV–OH MSA

Belmont County, OH
 Marshall County, WV
 Ohio County, WV

Wichita, KS MSA

Butler County, KS
 Harvey County, KS
 Sedgwick County, KS

Wichita Falls, TX MSA

Archer County, TX
 Wichita County, TX

Williamsport, PA MSA

Lycoming County, PA

Wilmington–Newark, DE–MD PMSA—see Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD CMSA

Wilmington, NC MSA

Brunswick County, NC
 New Hanover County, NC

Worcester, MA–CT PMSA—see Boston–Worcester–Lawrence, MA–NH–ME–CT CMSA

Yakima, WA MSA

Yakima County, WA

Yolo, CA PMSA—see Sacramento–Yolo, CA CMSA

York, PA MSA

York County, PA

Youngstown–Warren, OH MSA

Columbiana County, OH
 Mahoning County, OH
 Trumbull County, OH

Yuba City, CA MSA

Sutter County, CA
 Yuba County, CA

Yuma, AZ MSA

Yuma County, AZ

Publication Program

1992 CENSUS OF CONSTRUCTION INDUSTRIES

The Census of Construction Industries is taken once every 5 years. The census covers all establishments engaged in construction, including:

- Building contractors
- Heavy construction contractors
- Special trade contractors (including plumbers, carpenters, painters, electricians)

Data products in the census of construction industries are issued in four publication series and in three media:

- Printed reports [P]
- CD-ROM [C]
- Highlights online [+]

Preliminary Industry Series (CC92-I-1(P) to -27(P))

(Available July 1994 through January 1995) [P] [C]

Twenty-six separate industry reports and a U.S. summary report, providing national statistics for establishments with payroll. Statistics shown for 1992 include:

- Number of establishments
- Number of employees
- Payroll
- Value of construction work done, by type of structure
- Selected operating costs

Final Industry Series (CC92-I-1 to -27)

(Available April 1995 through January 1996) [P] [C] [+]

Twenty-six separate industry reports and a U.S. summary report, providing statistics for the Nation and individual States on establishments with payroll. These reports update figures from the preliminary industry series (employment, payroll, value of construction, etc.) and provide measures of the following:

- Capital expenditures
- Inventories
- Industry profiles
- Assets
- Depreciation
- And much more

Geographic Area Series (CC92-A-1 to -10)

(Available March 1996 through May 1996) [P] [C] [+]

Nine reports on the construction industries, representing each census geographic division, and a U.S. summary report. Regional reports provide detailed data for States and metropolitan areas.

Subject Report—Legal Form of Organization and Type of Operation (CC92-S-1)

(Available November 1995) [P] [C]

One report providing selected national statistics for each industry by legal form of organization and type of operation. This report includes data for establishments with and without payroll. Data in this report include—

- Employment
- Payroll
- Value of construction work done
- Selected operating costs

OTHER ECONOMIC CENSUS REPORTS

The census of construction industries is part of the 1992 Economic Census. The economic census is conducted at 5-year intervals in years ending in 2 and 7 and consists of eight separate censuses:

- Census of Retail Trade
- Census of Wholesale Trade
- Census of Service Industries
- Census of Financial, Insurance, and Real Estate Industries
- Census of Transportation, Communications, and Utilities
- Census of Manufactures
- Census of Mineral Industries
- Census of Construction Industries

...plus several related programs: enterprise statistics; information on minority-owned and women-owned businesses; and the census of outlying areas, including separate economic census of Puerto Rico and other outlying areas. The census of agriculture and census of governments are conducted separately.

HOW TO ORDER DATA PRODUCTS

Order forms for the specific reports and other data products may be obtained from Administrative and Customer Services Division, Customer Services, Bureau of the Census, Washington, DC 20233-8300. If you have any questions, call Census Customer Services 1-301-457-4100.