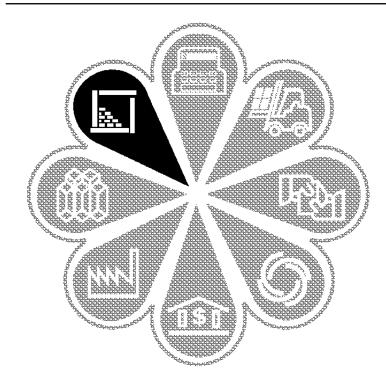
1992 Census of Construction Industries

CC92-I-17

INDUSTRY SERIES

Floor Laying and Other Floor Work Special Trade Contractors, Not Elsewhere Classified

Industry 1752



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Industry 1752

Issued August 1995



U.S. Department of Commerce Ronald H. Brown, Secretary David J. Barram, Deputy Secretary

Economics and Statistics Administration Everett M. Ehrlich, Under Secretary for Economic Affairs

> BUREAU OF THE CENSUS Martha Farnsworth Riche, Director

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



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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 all 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 census 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:

- 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.

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

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

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 singleestablishment 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 fourdigit 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 fourdigit 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:

$$x'_{c} = \sum_{i=1}^{n} x_{i} / p_{i}$$

- where: x'_{c} is the simple unbiased estimate of a characteristic for a publication cell.
 - x, is the reported value of a characteristic for an individual establishment in the publication cell.
 - p, 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.

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 questionnaries 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.

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.

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 constructionrelated 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 the United States	By State	By employment size	By size class of dol- lar value of busi- ness done	By type, class, kind of business, and location of construction ¹	By specialization in types of construction
Assets and depreciation (gross book value): Beginning of year—buildings, machinery, and equipment	3					
End of year—total End of year—buildings, machinery, and equipment Depreciation charges during year— buildings, machinery, and equipment	1, 3 3 3	1	5	6		
Capital expenditures: Total capital expenditures	1, 3 3 3	1	5	6		
Communication services, costs for	2					
Employees: All employees—average number Construction workers—average number Construction workers—quarterly Other employees—average number Other employees—quarterly	1, 2, 8 1, 2, 9 2, 9 2 2 2	1 1, 9 9	5	6		8
Establishments—number in business during year	1, 2, 4, 8, 9	1, 9	5	6		8
Fringe benefits—legally required and voluntary expenditures	2					
Inventories	4					
Materials, components, supplies, and fuels-costs for	1, 2	1	5	6		
Ownership—private or government owned	2					
Payroll: First-quarter, all employees	2 1, 2, 8 1, 2 2	1 1	5	6		8
Power, fuels, and lubricants—costs for	2					
Proprietors and working partners	2					
Ratios, selected industry	12	13				
Receipts and value: Dollar value of business done, total Value of construction work, total For work subcontracted in from others Other business receipts Net value of construction work	2, 11 1, 2, 4, 7, 8, 10 1, 2 2 1, 2, 8	1, 10	5 5 5	6	11 7, 10	8
Value added	1, 2, 8	1	5	6		8
Rental costs: Total For machinery and equipment For buildings	1, 2 2 2	1	5	6		
Repairs to buildings and other structures	2					
Repairs to machinery and equipment	2					
Subcontract work to others, costs for	1, 2, 8	1	5	6		8

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.

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CONSTRUCTION-INDUSTRY SERIES

Summary of Findings

Establishments classified in this industry are primarily engaged in the installation and or removal of floor coverings such as carpeting, asphalt tile, linoleum and resilient flooring. This industry also includes contractors engaged in laying, scraping, finishing or refinishing of parquet and other hardwood flooring. For additional examples, refer to the *Standard Industrial Classification Manual: 1987*⁻¹ (SIC) published by the Office of Management and Budget, Executive Office of the President.

During 1992, the establishments with paid employees classified in this industry accounted for \$4.5 billion in total dollar value of business. Of this amount, \$4.4 billion were for the value of construction work. These establishments paid out \$1.9 billion for materials, components, and supplies and \$395 million for construction work subcontracted to others. Costs for selected power, fuels, and lubricants for the industry were \$71 million. Value added for 1992 was \$2.2 billion.

There were 10,196 establishments with total employment averaging 48,948 during the year. Total payroll for 1992 was \$1.1 billion. Larger establishments with 20 employees or more, while representing only 4 percent of the total number of employer establishments in this industry, accounted for 34 percent of all business done.

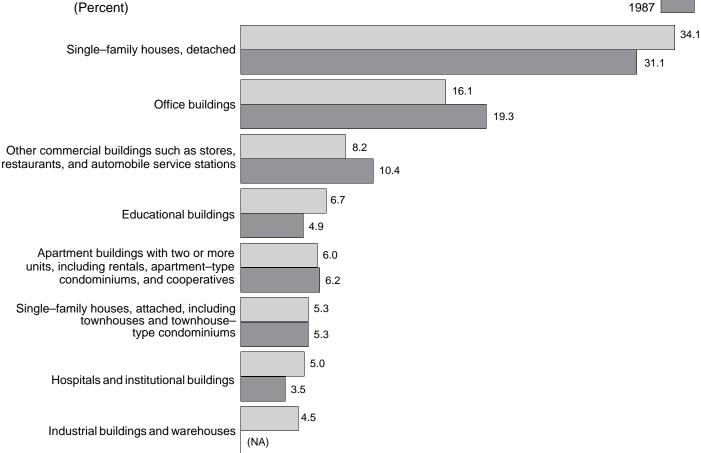
A "construction establishment" is defined as a relatively permanent office, or other place of business, where the usual business activities related to construction are conducted. A separate census report was required from each sampled establishment covering domestic operations. Separate reports were not, however, required for each project or construction site.

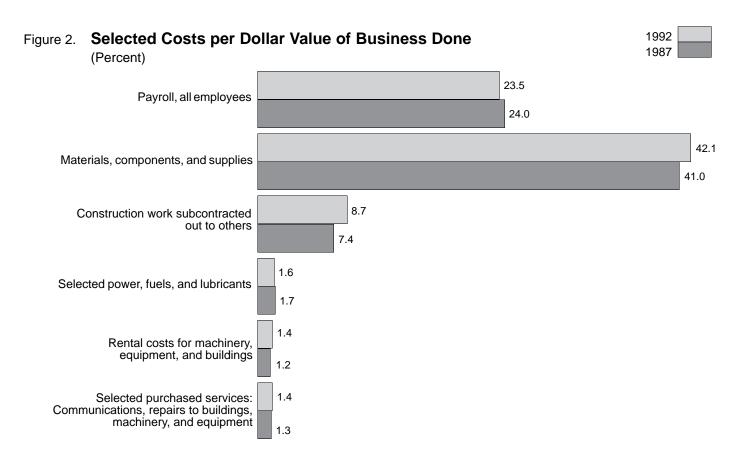
For 1987 and earlier censuses, receipts from the sale of land were collected separately for general contractors and operative builders. These receipts were included in the total dollar value of business done but excluded from the value of construction work done. For 1992, receipts from the sale of land 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.

The data in this report are estimated from a sample survey and are subject to sampling variability as well as errors of response and nonreporting. The relative standard error shown in the tables is a measure of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability are included in the introduction.

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







1992

Table 1. General Statistics for Establishments With Payroll by State: 1992 and 1987 [Thousand dollars. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix AJ

1992 Employees** Payroll Net Cost of Value value materials Location of establishment Number of establishof components, supplies, and of Construction All Construction Value ments All workers employees workers work work† addedtt fuels Α в С D Е F G н ī United States _____ 10 196 48 948 36 434 1 065 150 723 556 4 427 519 4 032 451 2 165 761 1 980 223 8 944 2 283 18 693 6 168 1 693 12 847 Alabama _____ 131 557 422 39 293 36 648 20 997 17 567 30 151 76 872 57 678 10 644 76 920 9 952 72 460 5 005 36 583 5 175 37 219 Alaska ______ Arizona ______ (S) 6 558 (S) 735 407 Arkansas ______California ______ 45 (S) 8 726 (S) (D) (D) (S) (S 801 215 1 434 205 292 139 384 400 930 352 984 16 736 11 740 2 537 865 1 079 Colorado 182 844 24 080 100 406 83 993 46 990 38 733 Connecticut..... Delaware _____ District of Columbia _____ 544 123 47 80 887 14 327 4 924 184 464 70 031 13 329 3 925 163 264 30 614 6 775 2 729 87 719 141 39 19 507 3 611 745 45 258 43 238 6 555 (D) 77 002 160 461 66 1 461 37 649 448 2 000 1 418 24 965 Florida 47 377 22 428 2 166 147 985 56 764 204 1 016 753 19 042 12 958 7 729 97 764 87 071 42 507 Georgia _____ Idaho ______ 38 615 3 964 257 151 109 245 61 393 289 11 180 39 675 16 563 73 2 144 785 4 151 274 873 124 294 (D) 113 455 61 003 42 82 904 831 489 234 2 907 1 214 80 313 24 836 55 636 13 869 Indiana_____ 25 345 39 543 44 186 124 124 123 4 803 7 909 7 557 26 321 41 678 45 697 14 084 21 871 23 037 12 118 18 653 21 346 _____ 352 281 6 855 Kansas.... Kentucky Louisiana Maine 409 474 374 11 066 10 221 505 621 102 8 200 3 409 5 985 2 595 39 962 14 674 36 463 13 510 18 384 9 033 190 (D) 503 19 193 144 22 267 11 332 20 124 12 573 1 588 265 237 266 1 039 614 907 33 564 17 847 29 678 142 947 105 590 126 796 74 521 130 338 88 427 111 445 68 575 60 533 43 047 54 133 39 096 Maryland . 1 482 70 348 Maryland Massachusetts Michigan Minnesota Mississippi 70 348 50 623 59 206 29 963 833 159 847 644 (S) 2 155 52 164 131 8 107 7 818 4 667 (D) 262 34 179 24 063 120 061 57 815 59 149 Missouri 1 513 1 100 114 746 37 211 319 621 4 289 8 705 4 195 24 003 560 3 033 6 245 3 245 2 191 31 555 32 135 22 722 2 114 26 904 30 504 21 013 1 293 13 936 18 510 19 66 54 Montana _____ Nebraska_____ 11 (S) 13 663 262 Nevada ______ New Hampshire ______ 401 (S) 11 528 48 188 149 9 682 152 643 13 717 250 779 94 948 *8 630 29 134 1 961 139 688 12 912 225 052 88 285 1 613 155 1 231 125 42 199 2 478 318 79 688 61 475 New Jersev 6 448 131 538 47 389 3 318 6 546 97 875 42 198 *4 872 56 2 478 63 156 22 853 1 925 1 961 44 665 17 794 1 350 2 568 1 422 127 686 420 944 140 1 1 *8 183 35 96 50 655 6 090 12 999 198 350 25 570 56 026 365 2 156 1 504 30 852 181 877 98 976 88 030 Ohio . -----4 544 8 797 26 774 2 508 Oklahoma _____ Oregon _____ Pennsylvania _____ 23 475 52 029 10 928 26 628 85 283 7 922 13 133 26 329 82 094 5 199 78 181 367 288 670 502 446 1 359 96 41 313 2 940 168 936 13 859 158 565 13 002 1 899 Rhode Island 118 153 42 146 417 6 210 1 617 12 006 44 178 26 632 4 853 60 364 14 578 3 266 30 877 South Carolina _____South Dakota _____ 472 127 329 990 354 4 410 28 (D 110 4 990 68 053 1 618 30 624 618 (S) 7 964 Tennessee _____ Texas _____ Utah _____ 681 520 225 698 24 254 201 305 21 085 105 415 9 877 106 460 11 290 2 371 1 705 28 056 63 242 184 3 820 2 965 4 750 112 397 136 301 4 075 93 334 1 159 33 275 34 198 1 518 5 125 123 301 150 081 (S) 60 399 68 244 Vermont_____ 34 81 65 865 2 415 362 376 34 2 415 58 069 71 846 2 516 1 619 1 681 1 180 1 280 21 949 23 042 Virginia_____ Washington_____ West Virginia _____ Wisconsin _____ Wyoming _____ 112 87 1 239 4 583 (D) 321 17 26 297 19 207 52 541 44 334 1 223 920 98 575 32 328 1 507 442 (D) 839

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CONSTRUCTION-INDUSTRY SERIES

		1992—Con.				1987								
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††	error (pe	Relative standard error of estimate (percent) for column—		ror of estimate L (percent) for column- es			cation of ablish- nent
J	к	L	М	N	0	Р	Q	В	G	М				
395 068	2 683 933	62 406	46 221	400 507	44 579	3 651 435	1 880 303	1	1	6		U.S.		
2 645	24 608	350	765	5 121	(D)	33 172	(D)	12	13	39	AL			
693	5 069	128	(S)	(S)	(S)	(S)	(S)	6	9	(S)	AK			
4 460	36 025	(S)	(S)	5 381	685	63 918	25 256	9	10	(S)	AZ			
(S)	(S)	*182	*171	(S)	152	6 248	3 713	(S)	(S)	44	AR			
65 808	498 322	12 443	6 933	50 771	6 615	623 028	314 083	3	3	12	CA			
*16 413 10 855 (S) 999 21 200	87 009 41 370 7 901 3 841 99 453	1 437 922 (S) 33 2 219	1 569 (S) *68 	8 841 10 152 1 111 (D) 20 012	614 1 125 137 93 1 336	53 022 84 472 7 517 (D) 109 423	24 450 48 668 4 220 2 781 54 113	6 13 20 (Z) 6	8 12 10 (Z) 8	16 (S) 52 33	CO CT DE DC FL			
10 693	40 956	(S)	(S)	6 749	825	69 643	33 805	15	12	(S)	GA			
1 060	26 016	469	*573	3 602	223	20 414	10 516	11	9	45	HI			
187	3 297	58	142	835	*74	5 549	*1 840	(Z)	(Z)	(Z)	ID			
17 722	177 454	6 790	5 380	33 303	2 597	234 677	128 879	6	4	26	IL			
15 049	74 769	1 683	*1 898	11 247	916	72 125	35 044	8	10	57	IN			
977	13 574	236	*622	3 242	191	11 905	8 244	10	9	60	IA			
2 135	26 761	383	418	2 143	301	27 174	11 141	8	5	7	KS			
1 510	22 665	493	*1 005	3 828	282	11 568	7 438	13	16	63	KY			
3 499	22 629	573	237	2 525	426	25 769	15 810	14	13	33	LA			
1 164	8 476	177	127	2 986	158	12 458	7 682	9	9	20	ME			
12 609	103 995	2 818	802	14 572	1 893	169 199	85 219	7	9	27	MD			
17 163	69 877	1 405	661	7 489	1 667	157 656	83 572	7	6	18	MA			
15 351	80 319	2 016	1 464	10 219	1 018	88 361	45 616	8	5	10	MI			
(S)	(S)	621	1 135	(S)	908	69 881	43 781	11	9	39	MN			
289	2 995	47	20	849	(S)	(S)	(S)	5	4	17	MS			
(S)	105 583	1 421	1 107	16 312	1 140	86 718	48 736	10	12	33	MO			
77	(S)	38	70	(S)	(S)	(S)	(S)	(Z)	(Z)	(Z)	MT			
*4 651	24 257	196	162	1 970	217	17 496	7 765	13	25	23	NE			
(S)	(S)	(S)	*86	(D)	224	14 668	8 136	18	16	60	NV			
1 709	13 130	134	196	(S)	166	10 852	5 576	11	10	(Z)	NH			
12 955	92 307	2 815	1 137	10 924	2 286	206 531	107 962	4	5	23	NJ			
806	9 806	256	611	2 201	156	12 251	4 291	13	15	5	NM			
25 727	118 003	3 494	1 422	18 214	3 602	304 169	171 670	4	6	13	NY			
6 663	45 569	716	654	8 019	774	46 571	22 317	9	8	12	NC			
*447	*9 637	38	151	*1 419	*133	7 706	*3 125	34	43	39	ND			
16 472	117 051	2 773	2 275	16 738	1 860	142 268	77 124	4	3	13	OH			
2 095	12 628	270	607	2 901	223	13 327	6 641	18	11	7	OK			
3 997	40 178	528	*916	6 691	594	53 709	26 435	10	9	57	OR			
10 371	95 617	2 318	1 569	18 064	2 368	179 082	94 272	7	5	15	PA			
857	7 038	134	*63	513	140	16 202	9 064	4	2	58	RI			
1 697	9 224	194	289	4 782	404	21 529	11 325	14	17	16	SC			
136	(S)	38	66	616	(S)	(S)	(S)	12	14	(Z)	SD			
7 689	45 787	*1 538	607	6 586	656	40 195	16 612	13	15	39	TN			
24 394	109 635	3 257	1 412	(S)	2 365	191 229	86 407	6	7	20	TX			
*3 169	16 201	432	381	1 605	161	11 672	5 136	11	22	39	UT			
(S)	1 947	(S)	(S)	*1 012	(D)	2 805	1 440	18	12	(S)	VT			
10 904	87 916	1 626	1 742	17 128	2 074	153 528	75 861	7	6	23	VA			
13 781	120 794	1 475	801	9 547	1 045	74 921	37 435	6	5	16	WA			
508	2 425	43	*82	620	*100	6 172	*2 748	10	8	41	WV			
5 241	53 419	1 308	2 607	11 214	742	50 740	28 165	8	8	26	WI			
64	886	36	61	304	(D)	(D)	(D)	5	6	5	WY			

CONSTRUCTION-INDUSTRY SERIES

Table 2. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

[Thousand dollars. Detail may not add to total because of rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix A] Relative standard error of estimate (percent) Item 1992 1987 1982 1977 1992 1987 1982 1977 Number of establishments in business during year _____ 10 196 8 174 6 673 8 969 1 2 2 3 2 862 4 Proprietors and working partners _____ 5 039 3 213 6 107 2 3 4 All employees** _____ 48 948 44 579 32 349 40 990 2 2 1 1 Construction workers: 35 739 36 414 38 680 34 905 36 434 34 283 34 573 36 496 33 311 34 666 24 548 25 008 25 491 24 224 25 410 31 35 34 33 33 480 222 2 2 2 2 2 2 2 148 284 2221 843 724 2 Average _____ Other employees: March 2 (NA) (NA) (NA) (NA) 2 (NA) (NA) (NA) (NA) 12 483 12 076 11 831 10 085 9 484 6 922 2 2 2 2 2 2 2 2 22222 9 484 9 656 (NA) (NA) (NA) (NA) May ______ August ______ November ______ (NA) (NA) (NA) (NA) 13 667 12 514 10 430 9 914 Average _____ Payroll, all employees _____ Payroll, construction workers_____ Payroll, other employees _____ 065 150 723 556 341 594 906 162 645 485 260 676 496 824 364 231 132 593 453 107 352 246 100 861 1 1 2 1 2 2 1 1 206 158 First-quarter payroll, all employees _____ 240 158 112 677 98 200 2 2 2 1 Fringe benefits, all employees Legally required expenditures Voluntary expenditures 186 806 141 712 45 094 220 590 159 350 61 240 79 774 47 366 32 409 2 2 2 87 259 2 2 4 222 68 918 18 341 1 Dollar value of business done______ Value of construction work ______ Value of construction work subcontracted in from others ______ 4 541 052 4 427 519 2 683 933 113 533 771 964 651 435 626 503 120 529 854 793 852 354 075 793 756 352 754 60 319 673 903 616 932 785 073 3 2 2 3 5 2 2 2 5 1 1 3 8 2 5 Other business receipts _. 56 971 4 032 451 Net value of construction work+-----3 371 200 1 697 628 1 547 860 2 1 1 1 Value added++ -----2 165 761 1 880 303 913 316 823 659 2 1 1 1 375 291 909 587 395 068 940 758 806 949 96 128 37 680 850 244 749 792 69 072 Selected costs 891 66 2 3 3 3 28 2242242276 2252342245 2233453 548 341 280 234 595 068 70 636 12 968 3 474 51 915 49 745 2 170 2 279 63 085 11 249 2 204 46 453 31 380 4 122 2 070 22 495 6 210 1 886 27 464 46 453 43 785 2 667 3 178 Gasoline and diesel fuel______ On highway use ______ 2 (NA) (NA) 6 (NA) (NA) 2 694 (NA) (NA) 2 119 (NA) (NA) 7 Off highway use ______ Off highway use ______ Other, including lubricating oils and greases ______ Rental cost for machinery, equipment, and buildings ______ For machinery and equipment ______ For buildings ______ 62 406 10 558 51 848 45 168 7 544 37 624 18 142 3 628 14 514 11 933 3 049 8 884 3 6 3 11 4 8 4 3 5 4 3 5 4 47 845 27 021 4 859 Selected purchased services ______ 62 447 33 147 3 712 23 13 2 7 186 24 120 12 042 1 747 2 3 3 33 3 3 4 4 143 184 84 6 3 63 25 587 15 963 858 10 332 Ownership of construction projects: Value of construction work 4 427 519 606 667 167 939 651 435 360 305 103 708 1 793 756 204 766 (NA) 616 932 130 594 (NA) (NA) 3 2 5 7 Government owned 6 8 6 2 (NA) (NA) 2 (NA) (NA) 1 Federal______State and local_______ Federal_ 438 728 3 820 852 256 597 ίNA 6 2 3 291 1 486 338 Privately owned _____ 1 588 989

17–6 FLOOR LAYING AND FLOOR WORK, N.E.C.

CONSTRUCTION-INDUSTRY SERIES

Table 3. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

Item				d error of estimate cent)
	1992	1987	1992	1987
BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT				
Beginning-of-year gross book value of depreciable assets	367 651 46 221 33 741 12 480 13 365	253 237 41 437 34 385 7 052 8 519	4 6 6 10 9	6 5 5 10 12
End-of-year gross book value of depreciable assets	400 507	286 154	3	6
Depreciation charges during year	43 548	34 555	4	5
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets	75 657 6 412 2 588 3 824 1 893	112 467 5 954 4 175 1 779 2 293	6 13 11 20 24	12 10 11 13 31
End-of-year gross book value of depreciable assets	80 176	116 128	6	11
Depreciation charges during year	5 544	8 443	9	9
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets	291 995 39 809 31 153 16 037 8 656 11 472	140 769 35 482 30 210 21 367 5 272 6 226	4 6 7 7 11 9	4 5 5 6 13 10
End-of-year gross book value of depreciable assets	320 331	170 026	4	4
Depreciation charges during year	38 004	26 112	4	5

Table 4. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

Item	Establishments with payroll	Relative standard error of estimate (percent)
All establishments: Number Value of construction work	10 196 4 427 519	1
Establishments with inventories: Number	3 238 2 730 183	2 1
End of 1992, materials and supplies End of 1991, materials and supplies	127 315 120 042	5 4
Establishments with no inventories: Number	2 765 736 271	3 4
Establishments not reporting: Number Value of construction work	4 193 961 065	2 3

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

CONSTRUCTION-INDUSTRY SERIES

Table 5. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

					Establishme	ents with an av	erage of-			
Selected statistics	Total	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 All employees* + Payroll, all employees Dollar value of business done Value of construction work Net value of construction work †	10 196 48 948 1 065 150 4 541 052 4 427 519 4 032 451	7 267 12 419 186 553 988 536 965 289 865 941	1 733 11 291 229 953 965 019 930 988 837 509	809 10 764 252 594 1 051 982 1 030 297 938 007	314 8 974 232 697 951 282 936 979 857 503	63 4 102 118 182 437 591 418 746 393 197	10 1 399 45 171 146 641 145 221 140 295			- - - - -
Value added ⁺⁺	$\begin{array}{ccccccc} 2 & 165 & 761 \\ 1 & 980 & 223 \\ & 395 & 068 \\ & 62 & 406 \\ & 46 & 221 \\ & 400 & 507 \end{array}$	493 942 395 247 99 348 12 194 16 078 105 522	464 858 406 682 93 479 14 934 10 150 86 298	511 804 447 889 92 290 14 941 8 289 77 819	407 569 464 236 79 476 13 384 7 323 81 358	210 635 201 407 25 549 4 722 3 179 37 225	76 953 64 762 4 926 2 231 1 201 12 284	- - - -		- - - - -
1987										
All employees** Value of construction work Value added††	44 579 3 651 435 1 880 303	10 143 748 924 381 159	8 652 626 273 319 082	9 464 750 085 377 839	9 370 838 073 432 484	4 528 <u>688 078</u> 231 333	2 420 (D) 138 404	(D) (D) (D)	- - -	
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees** Net value of construction work† Capital expenditures, other than land	1 1 6	3 3 11	4 4 16	4 4 10	2 2 2	(Z) (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 6. 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 because of rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix A]

					Establishn	nents with do	llar value of b	ousiness done			
Selected statistics	Total	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 All employees** Payroll, all employees Dollar value of business done Value of construction work Net value of construction work †	10 196 48 948 1 065 150 4 541 052 4 427 519 4 032 451	(0) (0) (0) (0) (0) (0)	(0) (0) (0) (0) (0) (0) (0) (0) (0)	2 224 3 308 39 538 158 394 156 985 151 335	2 612 7 077 105 342 418 503 413 844 393 787	1 454 7 542 134 649 514 082 497 873 464 723	1 071 8 485 183 566 735 759 714 322 644 393	654 9 809 244 703 1 001 204 971 620 882 023	166 4 815 127 572 564 885 556 014 500 800	114 4 473 149 849 762 751 744 924 663 188	22 1 721 66 706 328 773 315 588 277 744
Value addedtt Cost of materials, components, supplies, and	2 165 761	(S)	(S)	100 055	237 388	271 376	367 878	467 675	263 758	302 824	118 022
fuelsCost of construction work subcontracted out	1 980 223	(S)	(S)	52 689	161 058	209 556	297 951	443 932	245 913	378 191	172 907
to othersRental cost for machinery, equipment, and	395 068	(S)	(S)	5 650	20 057	33 150	69 930	89 596	55 214	81 736	37 844
Capital expenditures, other than land End-of-year gross book value of depreciable	62 406 46 221	(S) (S)	(S) (S)	1 519 2 277	4 927 7 170	7 368 8 122	14 049 8 656	12 898 7 980	6 723 3 665	10 293 5 549	4 202 2 168
assets	400 507	(S)	(S)	19 970	46 261	57 859	66 786	79 372	41 408	55 021	26 989
1987											
All employees** Value of construction work Value added††	44 579 3 651 435 1 880 303	(S) (S) (S)	(S) (S) (S)	(S) (S) (S)	5 954 300 873 178 515	6 177 413 322 215 740	7 499 574 090 296 298	8 950 777 075 385 655	4 671 510 608 253 318	3 583 496 802 221 443	3 124 414 930 214 393
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees** Net value of construction work† Capital expenditures, other than land	1 1 6	(S) (S) (S)	(S) (S) (S)	5 4 18	5 4 12	5 5 20	5 5 17	3 4 10	2 3 4	1 3 2	(Z) (Z) (Z)

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

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CONSTRUCTION-INDUSTRY SERIES

Table 7. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

		Value of cons		Relative standard error				
Type of construction	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair		of estimat	e (percen lumn-	
	А	В	С	D	А	В	С	D
1992								
Value of construction work	4 427 519	1 861 638	1 521 101	621 841	1	2	2	3
Building construction Single-family houses Single-family houses, detached	3 994 190 1 742 927 1 507 732	1 856 032 959 515 835 652	1 518 463 521 982 454 869	619 695 261 430 217 211	1 2 2	2 2 3	2 3 3	3 5 5
Single-family houses, attached, including townhouses and townhouse-type condominiums	235 195	123 863	67 114	44 219	5	4	13	11
condominiums, and cooperatives Other residential buildings, including hotels, motels, and tourist cabins Hotels, motels, and tourist cabins Other residential buildings	265 513 70 289 50 018 20 271 711 640	90 948 18 966 14 762 4 205 283 842	114 589 33 022 23 805 9 217 341 707	59 976 18 300 11 451 6 849 86 091	5 7 6 19 3	5 8 7 25 4	7 10 7 28 4	11 15 12 36 5
Other commercial buildings such as stores, restaurants, and automobile service stations	361 172 200 315 168 659 31 657 59 424 296 690	169 077 62 257 56 505 5 752 21 451 138 989	152 042 78 188 58 470 *19 718 27 442 113 773	40 053 59 870 53 684 6 186 10 530 43 928	4 7 6 28 6 4 5 5	8 7 16 7 6	5 13 7 44 5 5	5 10 10 19 10 7
Hospitals and institutional buildings Amusement, social, and recreational buildings, indoors Other nonresidential buildings	221 048 50 002 15 171	82 414 21 647 6 926	111 452 18 816 5 450	43 528 27 182 9 539 2 795	5 5 14	9 5 13	4 2 17	5 22 15
Nonbuilding construction	10 390	5 606	2 637	2 146	10	16	9	13
Construction work, n.s.k.	422 939	(NA)	(NA)	(NA)	5	(NA)	(NA)	(NA)
1987								
Value of construction work	3 651 435	1 926 895	958 811	493 661	2	2	3	3
Building construction Single-family houses Single-family houses, detached Single-family houses, attached, including townhouses and townhouse-type	3 349 903 1 327 792 1 134 442	1 917 838 806 437 685 432	950 515 350 490 298 046	481 549 170 865 150 964	2 2 2	2 3 3	3 4 4	3 5 5
condominiumsApartment buildings with two or more units, including rentals, apartment-type	193 349	121 004	52 444	19 900	6	6	10	8
condominiums, and cooperatives	226 756 132 678 90 948 41 730 702 996	130 755 60 036 45 199 14 837 418 698	51 905 37 750 23 070 14 679 214 827	44 095 34 892 22 679 12 213 69 470	6 6 7 13 4	8 6 7 7 4	15 7 6 14 7	9 17 19 32 4
Other commercial buildings such as stores, restaurants, and automobile service stations	378 892 149 642 50 545 179 170 126 673 36 956 37 803	217 015 86 031 21 642 88 750 50 089 17 938 20 447	106 800 29 002 19 871 67 382 55 429 9 227 7 832	55 076 34 608 9 031 23 037 21 154 9 791 *9 530	4 6 6 3 12 24	4 7 6 8 5 18 12	7 5 10 6 3 9 19	11 13 13 13 7 23 57
Nonbuilding construction	29 465	9 057	8 296	12 111	14	7	19	28
Construction work, n.s.k.	272 067	(NA)	(NA)	(NA)	6	(NA)	(NA)	(NA)

CONSTRUCTION-INDUSTRY SERIES

Table 8. Selected Statistics for Establishments With Payroll by Specialization in Types of Construction: 1992

[Thousand dollars. Detail may not add to total because of rounding. This table presents selected statistics for establishments according to degree of specialization in major types of construction work. If number of establishments or value of construction work for a given type of specialization are relatively insignificant, data may not be shown. In addition, data are not shown in this table where distribution of the value of construction work by type of construction was not provided in table 7. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix A]

ltem	Number of			Value of co wc	ork For	Net value of		Cost of construction work sub-	stan of (pe	Relative Idard e estima rcent)	error ate for
	establish- ments	All employees**	Payroll, all employees	For all types	specialized type	construction work†	Value added††	contracted out to others	C	olumn-	_
	А	В	С	D	E	F	G	н	В	D	н
All establishments	10 196	48 948	1 065 150	4 427 519	2 740 638	4 032 451	2 165 761	395 068	1	1	4
Establishments not specializing by type Establishments specializing 51 percent or more	1 644 8 552	11 229 37 719	281 297 783 853	1 203 522 3 223 997	(NA) 2 740 638	1 094 853 2 937 598	553 525 1 612 235	108 669 286 399	3 2	3 2	5 5
SINGLE-FAMILY HOUSES, DETACHED	0 332	57 719	703 055	5 225 991	2 740 030	2 937 390	1 012 233	200 399	2	2	
All establishments specializing in type	4 779	18 293	368 003	1 509 954	1 272 760	1 371 555	734 495	138 398	2	3	6
Establishments with -											
100 percent specialization 90 to 99 percent specialization 80 to 89 percent specialization 70 to 79 percent specialization 60 to 69 percent specialization 51 to 59 percent specialization	1 594 1 199 731 (S) 385 89	4 778 4 566 2 865 3 584 1 977 523	88 202 93 580 55 574 75 979 44 496 10 172	363 020 374 130 254 086 287 090 193 690 37 938	363 020 348 886 211 094 208 960 120 037 20 762	334 694 347 264 228 738 253 030 173 440 34 389	186 110 189 282 111 413 133 837 95 823 18 030	28 326 26 866 25 347 34 060 20 250 *3 549	6 5 7 6 8 16	6 4 9 5 10 17	12 11 16 14 18 42
SINGLE-FAMILY HOUSES, ATTACHED, INCLUDING TOWNHOUSES AND TOWNHOUSE-TYPE CONDOMINIUMS											
All establishments specializing in type	258	996	20 411	85 312	71 017	76 285	43 765	9 027	13	14	21
Establishments with — 100 percent specialization 90 to 99 percent specialization 80 to 89 percent specialization 70 to 79 percent specialization 60 to 69 percent specialization 51 to 59 percent specialization	113 33 26 (S) *20 (S)	424 126 103 (S) 127 (S)	7 337 3 019 2 158 (S) 3 267 (S)	30 131 14 720 5 882 (S) 10 193 (S)	30 131 13 414 4 813 (S) 6 340 (S)	28 734 12 136 (D) (S) (D) (S)	16 545 7 300 4 036 (S) 5 506 (S)	*1 397 2 585 (D) (S) (D) (S) (S)	25 26 37 (S) 34 (S)	30 24 32 (S) 31 (S)	46 37 (D) (S) (D) (S)
APARTMENT BUILDINGS WITH TWO OR MORE UNITS, INCLUDING RENTALS, APARTMENT-TYPE CONDOMINIUMS, AND COOPERATIVES											
All establishments specializing in type	232	1 512	34 640	146 377	116 650	130 812	71 060	15 565	8	9	20
Establishments with — 100 percent specialization 90 to 99 percent specialization 80 to 89 percent specialization 70 to 79 percent specialization 60 to 69 percent specialization 51 to 59 percent specialization	121 *21 19 28 (S) *6	428 *103 310 144 280 247	8 512 *1 556 9 952 3 148 6 484 4 989	39 088 *5 459 45 489 *14 313 24 113 17 915	39 088 *5 045 37 969 *10 441 14 654 9 453	33 879 *5 447 41 170 *11 695 21 433 17 189	19 758 *3 347 18 143 5 963 12 791 11 059	5 209 (S) 4 319 (S) 2 680 727	18 42 9 29 20 7	19 41 13 46 23 14	32 (S) 32 (S) 35 28
OFFICE BUILDINGS											
All establishments specializing in type	407	4 306	119 261	506 446	407 340	454 396	233 968	52 049	5	4	9
Establishments with — 100 percent specialization 90 to 99 percent specialization 80 to 89 percent specialization 70 to 79 percent specialization 60 to 69 percent specialization 51 to 59 percent specialization	112 (S) 45 89 48 13	1 175 (S) 638 773 632 341	29 207 20 437 14 691 22 631 19 787 12 509	111 010 102 313 65 572 91 902 88 274 47 375	111 010 95 300 53 623 66 407 55 538 25 461	104 484 92 674 (D) 77 784 76 055 (D)	55 684 39 414 30 448 40 069 40 323 28 031	6 526 9 638 (D) 14 119 12 219 (D)	12 (S) 10 5 7	10 12 15 9 7 3	25 21 (D) 22 11 (D)
OTHER COMMERCIAL BUILDINGS SUCH AS STORES, RESTAURANTS, AND AUTOMOBILE SERVICE STATIONS											
All establishments specializing in type	305	2 152	47 512	179 926	151 559	161 324	101 134	*18 602	8	9	48
Establishments with — 100 percent specialization 90 to 99 percent specialization 80 to 89 percent specialization 70 to 79 percent specialization 60 to 69 percent specialization 51 to 59 percent specialization	(S) 33 34 46 45 *15	708 301 268 397 300 178	14 741 8 635 5 799 7 859 6 155 4 322	62 013 30 398 20 338 31 445 23 778 11 953	62 013 28 587 16 565 23 189 14 686 6 520	50 445 28 573 19 557 29 882 21 697 11 169	31 622 19 105 12 696 17 613 11 468 8 630	(S) 1 825 781 1 562 (S) 785	12 22 16 24 19 28	20 15 15 22 17 17	(S) 33 25 16 (S) (Z)
INDUSTRIAL BUILDINGS											
All establishments specializing in type	163	1 351	33 333	106 663	91 520	100 888	65 422	5 776	11	9	15
Establishments with — 100 percent specialization 90 to 99 percent specialization 80 to 89 percent specialization 70 to 79 percent specialization 60 to 69 percent specialization 51 to 59 percent specialization	68 18 27 (S) 22 -	420 298 202 201 230	8 750 8 599 6 936 3 880 5 168 -	26 182 26 674 25 665 (S) 12 977	26 182 24 941 21 660 (S) 7 939	25 152 25 451 (D) (S) (D)	18 364 16 720 14 897 (S) 8 795	1 030 1 223 (D) (S) (D)	24 20 22 36 23 -	19 17 15 (S) 13 –	27 32 (D) (S) (D)
EDUCATIONAL BUILDINGS											
All establishments specializing in type	173	1 491	34 098	144 808	109 725	137 284	65 386	7 523	11	10	14
Establishments with — 100 percent specialization 90 to 99 percent specialization 80 to 89 percent specialization 70 to 79 percent specialization 60 to 69 percent specialization 51 to 59 percent specialization	29 30 33 19 55 6	130 197 370 221 485 86	2 884 5 661 8 138 5 197 10 406 1 813	12 036 24 456 30 901 23 796 47 770 5 848	12 036 22 621 25 253 17 130 29 305 3 380	11 221 23 519 29 348 21 804 45 829 5 563	5 150 12 197 12 784 10 639 22 174 2 443	815 937 *1 553 1 992 1 941 285	25 26 23 16 23 34	26 27 20 14 22 23	27 29 51 4 32 31

17-10 FLOOR LAYING AND FLOOR WORK, N.E.C.

CONSTRUCTION-INDUSTRY SERIES

Table 9. Quarterly Construction Worker Employment for Establishments With Payroll by State: 1992

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

		Average	Construction workers ¹					Relative standard error of estimate					
Location of establishment	Number of establishments	number of construction workers	January to March	April to June	July to September	October to December	(percent) for column-						
	A	В	С	D	E	F	А	В	С	D	Е	F	
United States	10 196	36 434	35 739	36 414	38 680	34 905	1	1	1	1	1	1	
Alabama Alaska Arizona Arkansas California	131 30 151 45 1 434	422 57 678 (S) 6 558	400 36 644 (S) 6 511	414 59 657 (S) 6 608	453 (S) 694 (S) 6 910	421 68 718 (S) 6 204	13 12 8 15 3	12 8 8 (S) 3	11 9 9 (S) 3	14 15 9 (S) 3	13 (S) 9 (S) 3	13 4 (S) 4	
Colorado Connecticut Delaware District of Columbia Florida	182 141 39 7 448	844 544 123 47 1 418	817 527 119 45 1 389	788 585 114 45 1 421	900 566 132 48 1 483	870 499 125 48 1 378	6 7 15 (Z) 6	6 14 23 (Z) 6	6 14 21 (Z) 6	6 15 22 (Z) 6	8 13 22 (Z) 6	7 12 24 (Z) 6	
Georgia Hawaii Idaho Illinois Indiana	204 61 42 489 234	753 289 73 2 144 785	684 302 69 1 967 750	794 280 70 2 165 773	795 281 82 2 266 872	741 292 70 2 178 744	9 8 (Z) 6 6	16 12 (Z) 9	13 12 (Z) 6 9	16 12 (Z) 7 10	18 11 (Z) 7 9	18 12 (Z) 7 9	
lowa Kansas Kentucky Louisiana Maine	124 124 123 102 68	281 409 474 374 144	297 411 429 385 149	294 420 490 358 149	297 434 533 382 150	237 371 445 371 129	12 9 13 12 15	11 9 12 16 12	11 9 12 16 14	11 11 12 16 11	12 10 12 15 12	11 9 12 16 13	
Maryland Massachusetts Michigan Minnesota Mississippi	265 237 266 159 52	1 039 614 907 644 131	1 068 653 861 596 146	1 063 635 869 628 139	1 100 626 1 018 738 124	926 544 879 615 116	8 8 6 11 9	8 8 9 11 6	7 8 9 13 5	7 8 9 11 3	7 9 9 10 6	9 9 12 3	
Missouri Montana Nebraska Nevada New Hampshire	262 19 66 54 48	1 100 37 211 319 149	1 086 33 205 315 128	1 067 35 221 335 156	1 168 36 227 338 157	1 079 43 189 288 156	9 (Z) 15 12 18	10 (Z) 12 21 12	11 (Z) 14 20 13	11 (Z) 12 22 10	10 (Z) 12 23 11	10 (Z) 13 19 11	
New Jersey New Mexico New York North Carolina North Dakota	318 56 686 420 35	1 231 125 1 944 1 140 96	1 194 117 1 929 1 135 92	1 258 114 1 995 1 156 93	1 318 134 2 027 1 231 97	1 153 134 1 825 1 037 101	6 9 5 6 20	5 16 4 9 35	5 17 4 8 35	5 17 4 8 39	5 14 4 8 33	4 15 6 9 33	
Ohio Oklahoma Oregon Pennsylvania Rhode Island	365 78 181 446 43	1 504 288 502 1 359 96	1 495 238 473 1 272 81	1 509 264 506 1 336 103	1 591 348 525 1 473 111	1 420 301 504 1 356 87	4 16 7 4 7	4 20 10 7 5	4 19 11 8 5	4 17 13 7 4	5 24 10 7 4	4 21 11 9 5	
South Carolina South Dakota Tennessee Texas Utah	153 42 146 417 63	354 110 520 1 705 184	352 (S) 514 (S) 179	345 (S) 538 1 497 170	375 90 541 1 708 195	344 137 486 1 580 193	7 18 11 6 5	16 14 16 6 11	16 (S) 15 (S) 14	15 (S) 15 7 12	15 17 17 7 12	19 5 17 7 11	
Vermont Virginia Washington West Virginia Wisconsin Wyoming	34 362 376 34 321 17	65 1 180 1 280 87 920 32	69 1 092 1 251 68 873 24	68 1 198 1 328 77 930 31	64 1 285 1 354 108 1 022 40	59 1 144 1 186 94 853 34	22 6 5 6 7 11	23 6 9 8 6	33 6 12 8 6	22 7 6 11 8 4	24 7 6 7 8 5	25 7 7 8 8 4	

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

CONSTRUCTION-INDUSTRY SERIES

Table 10. Value of Construction Work for Establishments With Payroll by Location of Construction Work: 1992 and 1987

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

1992										
Location of construction work		Construction work establishments loo this State		located in establishments not located		1987	Percent change 1987	Relative standard error of estimate (percent) for		
	Value of construction work done in this State	Number	Value of construction work	Number	Value of construction work	value of construction work done in this State	(col F) to 1992 (col A)	co	olumn—	
	A	В	с	D	E	F	G	А	с	E
United States	4 427 519	10 166	4 219 427	2 199	208 092	3 651 435	21.3	1	1	4
Alabama	38 550	131	36 947	44	1 603	32 142	19.9	12	12	25
Alaska	(D)	(S)	(D)	1	(D)	8 728	(D)	(D)	(D)	(D)
Arizona	75 298	151	74 383	*23	*914	64 330	17.0	11	11	40
Arkansas	(S)	(S)	(S)	*16	755	8 284	(S)	(S)	(S)	4
California	803 060	1 434	799 956	34	3 105	622 160	29.1	3	3	17
Colorado	103 414	182	100 038	25	3 376	54 337	90.3	11	12	36
Connecticut	79 773	139	76 249	61	3 524	82 371	-3.2	12	12	27
Delaware	15 002	39	13 535	37	1 467	9 020	66.3	11	12	11
District of Columbia	16 973	7	2 920	67	14 053	25 939	-34.6	8	(Z)	10
Florida	186 582	(S)	181 479	48	5 104	117 688	58.5	8	8	21
Georgia	97 529	204	92 898	80	4 631	75 222	29.7	13	13	21
Hawaii	(D)	61	(D)	*3	(D)	(D)	(D)	(D)	(D)	(D)
Idaho	6 096	(S)	4 055	6	*2 040	*5 728	6.4	22	(Z)	65
Illinois	283 274	489	271 705	140	11 569	225 217	25.8	4	4	16
Indiana	121 099	234	114 756	88	6 343	70 039	72.9	11	11	11
lowa	26 917	124	25 119	29	1 798	13 833	94.6	9	10	2
Kansas	39 463	121	34 937	42	4 526	(D)	(D)	7	6	28
Kentucky	48 466	123	40 420	79	8 046	13 365	262.6	13	15	14
Louisiana	(D)	102	(D)	12	(D)	25 994	(D)	(D)	(D)	(D)
Maine	17 151	68	13 656	14	3 495	19 936	–14.0	7	8	4
Maryland Massachusetts Michigan Minnesota Mississippi	131 876 105 061 129 899 77 130 10 622	263 229 (S) (S) 52	123 050 96 278 124 827 73 870 7 343	77 58 77 36 38	8 826 8 783 5 072 *3 260 3 278	110 114 146 666 90 148 68 091 6 655	19.8 -28.4 44.1 13.3 59.6	9 5 6 9 11	9 6 9 2	4 20 13 68 34
Missouri	114 427	260	110 154	35	4 274	86 546	32.2	11	11	5
Montana	2 526	(S)	2 150	*14	*376	*6 352	-60.2	8	(Z)	55
Nebraska	30 420	66	29 733	9	*687	(D)	(D)	27	29	66
Nevada	35 817	(S)	31 974	*19	3 842	14 992	138.9	14	16	26
New Hampshire	19 241	45	17 382	58	1 858	15 658	22.9	9	10	23
New Jersey	139 135	(S)	128 469	108	10 666	165 016	-15.7	6	6	9
New Mexico	12 903	56	12 449	*9	(S)	13 872	-7.0	13	13	(S)
New York	263 823	686	241 682	83	22 141	350 797	-24.8	6	6	4
North Carolina	95 410	420	92 226	52	3 183	50 532	88.8	8	8	22
North Dakota	6 085	35	5 859	*14	*226	3 568	70.5	26	27	47
Ohio	184 037	364	178 490	54	5 547	133 630	37.7	3	3	33
Oklahoma	25 181	78	24 945	*5	236	12 979	94.0	12	12	36
Oregon	63 795	181	54 559	33	9 236	53 139	20.1	8	9	12
Pennsylvania	170 974	446	162 708	107	8 265	177 501	–3.7	5	5	14
Rhode Island	14 772	43	13 680	30	1 091	19 184	–23.0	2	2	9
South Carolina	28 749	153	26 360	50	2 389	20 394	41.0	16	17	11
South Dakota	5 194	(S)	4 833	7	360	*6 663	-22.1	13	14	13
Tennessee	66 467	146	64 572	56	1 894	41 840	58.9	15	16	6
Texas	226 261	417	224 800	22	1 462	189 842	19.2	7	7	12
Utah	19 901	63	19 895	(S)	(S)	11 071	79.8	21	21	(S)
Vermont	5 684	34	5 014	18	670	(D)	(D)	10	11	28
	120 418	362	107 263	120	13 155	179 894	-33.1	6	6	11
	142 140	376	140 692	28	1 449	75 624	88.0	5	5	29
	6 897	34	4 204	54	2 692	*6 938	6	11	7	26
	96 791	321	94 706	62	2 086	52 180	85.5	8	9	16
	2 020	17	1 507	11	*513	(D)	(D)	13	6	49

17-12 FLOOR LAYING AND FLOOR WORK, N.E.C.

CONSTRUCTION-INDUSTRY SERIES

Table 11. Dollar Value of Business Done for Establishments With Payroll by Kind-of-Business Activity: 1992 and 1987

[Thousand dollars. Detail may not add to total because of rounding. Based on their primary business activity or combination of activities, establishments were classified into this specific industry. These establishments, however, may also be engaged in other kinds of business activities. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Primary and other kind of business activities	Dollar value of	business done	Relative standard error of estimate (percent)			
Finally and other kind of business activities	1992	1987	1992	1987		
All kinds of business	4 541 052	3 771 964	1	2		
SPECIAL TRADE CONTRACTORS						
Acoustical contractor Carpentry contractor Carpet laying or removal contractor Computer floor installation contractor Flooring contractor, wood Linoleum, asphalt resilient or vinyl tile installation contractor Tile setting contractor Other construction activities	33 008 31 289 2 068 260 150 060 978 749 863 267 91 079 128 940	26 247 18 844 1 737 414 235 668 639 441 641 933 68 254 147 853	13 9 2 10 3 2 6 8	8 15 2 10 3 3 3 3 8		
OTHER BUSINESS ACTIVITIES						
Retail trade Other business activities	71 312 37 175	76 090 43 632	10 13	8 (NA)		
Kind of business activity, n.s.k.	87 912	136 588	10	10		

CONSTRUCTION-INDUSTRY SERIES

Table 12. Selected Industry Ratios for Establishments With Payroll: 1992 and 1987

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

Selected statistics	1992	1987	Relative standard error of estimate (percent) for 1992
AVERAGE PER ESTABLISHMENT			
Number of employees**	4.8 3.6 1.2 104.5 71.0 33.5	5.5 4.2 1.2 110.9 79.0 31.9	1 1 1 1 1 1
Dollar value of business donedo	445.4 434.2 194.2 38.7 6.1 4.5 39.3	461.5 446.7 197.1 34.3 5.5 5.1 35.0	1 1 4 4 6 4
AVERAGE PER EMPLOYEE			
Payroll, all employees \$1,000 Dollar value of business done do Value addedtt do	21.8 92.8 44.2	20.3 84.6 42.2	1 1 1
AVERAGE PER CONSTRUCTION WORKER			
Payroll, construction workers	19.9 121.5	18.6 105.3	1
AVERAGE PER OTHER EMPLOYEE			
Payroll, other employees \$1,000	27.3	26.3	1
AVERAGE PER DOLLAR VALUE OF CONSTRUCTION WORK			
Payroll, all employees Cost of materials, components, supplies, and fuels Cost of construction work subcontracted out to others Value of construction work subcontracted in from others Rental cost for machinery, equipment, and buildings	.241 .447 .089 .606 .014	.248 .441 .077 .445 .012	1 1 3 2 4

17–14 FLOOR LAYING AND FLOOR WORK, N.E.C.

CONSTRUCTION-INDUSTRY SERIES

Table 13. Selected Industry Ratios for Establishments With Payroll by State: 1992

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

				Average per dollar value of construction work				
Location of establishment	Average number of employees** per estab- lishment	Payroll per employee (\$1,000)	Value of construction work per construction worker (\$1,000)	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	4.8	21.8	121.5	.241	.447	.089	.606	.014
Alabama Alaska Arizona Arkansas California	4.3 2.6 5.8 (S) 6.1	16.1 30.0 21.4 (S) 23.5	93.1 186.7 113.5 (S) 122.2	.228 .214 .243 (S) .256	.447 .486 .484 (D) .441	.067 .065 .058 (S) .082	.626 .476 .468 (S) .622	.009 .012 (S) .016
Colorado	5.9	22.3	119.0	.240	.386	*.163	.867	.014
Connecticut	5.3	26.2	148.7	.241	.378	.134	.511	.011
Delaware	4.1	22.6	116.5	.252	.473	(S)	.551	(S)
District of Columbia	9.4	22.1	104.8	.297	.554	.203	.780	.007
Florida	4.5	18.8	130.1	.204	.476	.115	.539	.012
Georgia	5.0	18.7	129.8	.195	.435	.109	.419	(S)
Hawaii	6.5	28.4	137.3	.282	.417	.027	.656	.012
Idaho	2.0	11.0	56.9	.218	(D)	.045	.794	.014
Illinois	6.0	27.6	128.2	.292	.413	.064	.646	.025
Indiana	5.2	20.5	158.3	.200	.491	.121	.602	.014
lowa	2.8	19.5	93.7	.260	.460	.037	.516	.009
Kansas	4.1	21.9	101.9	.266	.448	.051	.642	.009
Kentucky	5.0	16.5	96.4	.224	.467	.033	.496	.011
Louisiana	5.0	16.3	106.9	.205	.480	.088	.566	.014
Maine	2.8	17.7	101.9	.232	(D)	.079	.578	.012
Maryland	5.6	22.6	137.6	.235	.492	.088	.728	.020
Massachusetts	3.5	21.4	172.0	.169	.479	.163	.662	.013
Michigan	4.6	24.4	139.8	.234	.467	.121	.633	.016
Minnesota	5.3	(S)	115.7	(S)	.402	(S)	(S)	.008
Mississippi	3.2	13.1	61.9	.266	(D)	.036	.369	.006
Missouri	5.8	22.6	109.1	.285	.493	(S)	.879	.012
Montana	2.3	14.1	59.2	.283	(S)	.035	(S)	.017
Nebraska	4.0	16.4	149.6	.136	.433	.147	.769	.006
Nevada	7.5	21.7	100.7	.271	(S)	(S)	(S)	(S)
New Hampshire	3.9	22.3	152.5	.185	.507	.075	.578	.006
New Jersey	5.1	26.2	124.0	.276	.403	.085	.605	.018
New Mexico	2.8	16.0	109.7	.181	.477	.059	.715	.019
New York	3.7	24.6	129.0	.252	.390	.103	.471	.014
North Carolina	3.4	16.1	83.3	.241	.444	.070	.480	.008
North Dakota	3.6	15.2	89.9	.223	.565	.052	(S)	.004
Ohio	5.9	23.5	131.9	.255	.444	.083	.590	.014
Oklahoma	4.7	16.6	88.8	.238	.514	.082	.494	.011
Oregon	3.7	19.4	111.6	.232	.470	.071	.717	.009
Pennsylvania	4.3	21.8	124.3	.245	.486	.061	.566	.014
Rhode Island	2.7	24.9	144.4	.212	.375	.062	.508	.010
South Carolina	3.1	13.2	80.0	.219	(D)	.060	.326	.007
South Dakota	3.0	12.7	45.4	.324	.324	.027	(S)	.008
Tennessee	4.7	17.6	130.9	.176	.450	.113	.673	*.023
Texas	5.7	18.6	132.4	.196	.472	.108	.486	.014
Utah	3.9	15.8	131.8	.157	.465	.131	.668	.018
Vermont Virginia Wast Virginia Wisconsin Wyoming	2.4 4.5 4.5 3.3 3.8 2.2	14.3 20.6 20.3 13.6 21.5 11.1	78.8 104.5 117.3 52.7 107.1 47.1	.226 .270 .228 .331 .267 .271	(S) .490 .455 (D) .450 .557	(S) .088 .092 .111 .053 .043	.380 .713 .805 .529 .542 .588	(S) .013 .010 .009 .013 .024

CONSTRUCTION-INDUSTRY SERIES

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.
- 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 cause-ways 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		SIC	
code	Industry titles	code	Industry titles
15	BUILDING CONSTRUCTION—GENERAL CONTRACTORS AND OPERATIVE BUILDERS	17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS—Con.
152	General Building Contractors—Residential Buildings	173 1731	Electrical Work Special Trade Contractors Electrical Work Special Trade Contractors
1521 1522	General Contractors—Single-Family Houses General Contractors—Residential Buildings, Other Than Single-Family	174	Masonry, Stone Work, Tile Setting, and Plastering Special Trade Contractors
153 1531	Operative Builders Operative Builders	1741 1742	Masonry, Stone Setting, and Other Stone Work Special Trade Contractors Plastering, Drywall, Acoustical, and Insulation
154	General Building Contractors—Nonresidential Buildings	1743	Work Special Trade Contractors Terrazzo, Tile, Marble, and Mosaic Work
1541	General Contractors—Industrial Buildings and Warehouses		Special Trade Contractors
1542	General Contractors—Nonresidential Buildings, Other Than Industrial Buildings and Warehouses	175 1751	Carpentry and Floor Work Special Trade Contractors 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	177	Constate Work Spacial Trada Contractors
1622	Street Construction Bridge, Tunnel, and Elevated Highway Construction Contractors	1771	Concrete Work Special Trade Contractors Concrete Work Special Trade Contractors
1623	Water, Sewer, Pipeline, and Communications and Power Line Construction Contractors	178 1781	Water Well Drilling Special Trade Contractors Water Well Drilling Special Trade Contractors
1629	Heavy Construction Contractors, Not Elsewhere Classified	179	Miscellaneous Special Trade Contractors
17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS	1791	Structural Steel Erection Special Trade Contractors
474		1793	Glass and Glazing Work Special Trade Contractors
171	Plumbing, Heating, and Air-Conditioning Special Trade Contractors	1794	Excavation Work Special Trade Contractors
1711	Plumbing, Heating, and Air-Conditioning Special Trade Contractors	1795 1796	Wrecking and Demolition Work Special Trade Contractors Installation or Erection of Building Equipment,
172	Painting and Paper Hanging Special Trade Contractors	1730	Special Trade Contractors, Not Elsewhere Classified
1721	Painting and Paper Hanging Special Trade Contractors	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

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 August 1995) [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 August 1995 through December 1995) [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 August 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 Data User 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.