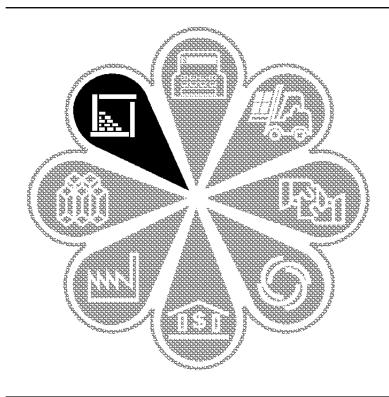
1992Census of Construction Industries

CC92-I-23

INDUSTRY SERIES

Excavation Work Special Trade Contractors

Industry 1794



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Industry 1794

Issued May 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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This report was prepared in the Manufacturing and Construction Division. Barry A. Rappaport, Assistant Chief for Construction and Mineral Census and Related Programs, was responsible for the overall planning, management, and coordination of the census of construction industries. Planning and implementation were under the direction of Patricia L. Horning, Chief, Construction and Mineral Census Branch, with staff assistance by Juliana Van Berkum, Susan L. Hostetter, Doris M. Kling, Carolyn J. Stone, and Linda M. Taylor. The sampling plans and variance and estimation specifications were developed by Dennis K. Duke. Under the direction of C. Lloyd Anderson, the Systems Support Staff maintained the small computers and assisted in the management of computer output.

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



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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: 19871 (SIC). This industrial classification system has been developed by experts on classification in government and private industry under the guidance of the Office of Management and Budget and is in general use among government agencies and among organizations outside the government.

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

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

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

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

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

$$i = 1$$

where: x' 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_i is the selection probability of that firm.

n 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.)
- Withheld to avoid disclosing data for individual (D) 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.
- Not specified by kind. n.s.k.

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 New buildings—machinery and equipment Used buildings—machinery and equipment	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	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	1 1	5	6		8
Other employees	2					
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	2, 11 1, 2, 4, 7, 8, 10 1, 2 2	1, 10	5 5	6 6	11 7, 10	8
Net value of construction work Value added.	1, 2, 8 1, 2, 8	1 1	5 5	6 6		8 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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Summary of Findings

Establishments classified in this industry are primarily engaged in excavation work such as foundations for buildings and subdividing and preparing land owned by others for future building construction. Contractors in this industry may also perform incidental concrete work. Contractors primarily engaged in concrete work are classified in Industry 1771, Concrete Work Special Trade Contractors. Contractors primarily engaged in trenching or in earth moving and land clearing not related to building construction are classified in Industry 1629, Heavy Construction Contractors, Not Elsewhere Classified. For additional examples, refer to the *Standard Industrial Classification Manual:* 1987 (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 \$7.1 billion in total dollar value of business. Of this amount, \$6.9 billion were for the value of construction work. These establishments paid out \$1.6 billion for materials, components, and supplies and \$741 million for construction work subcontracted to others. Costs for selected power, fuels, and lubricants for the industry were \$357 million. Value added for 1992 was \$4.3 billion.

There were 13,898 establishments with total employment averaging 77,126 during the year. Total payroll for 1992 was \$1.8 billion.

Larger establishments with 20 employees or more, while representing only 5 percent of the total number of employer establishments in this industry, accounted for 44 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.

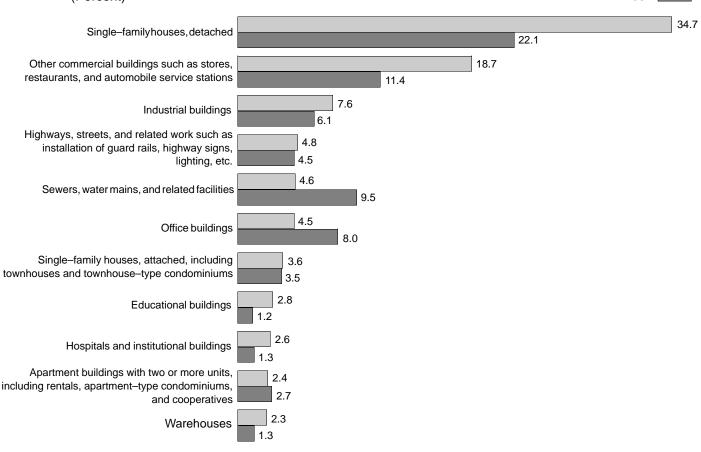
For 1987 and earlier censuses, receipts from the sale of land were collected separately for general contractors and operative builders. These receipts were included in the total dollar value of business done but excluded from the value of construction work done. For 1992, receipts from the sale of land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

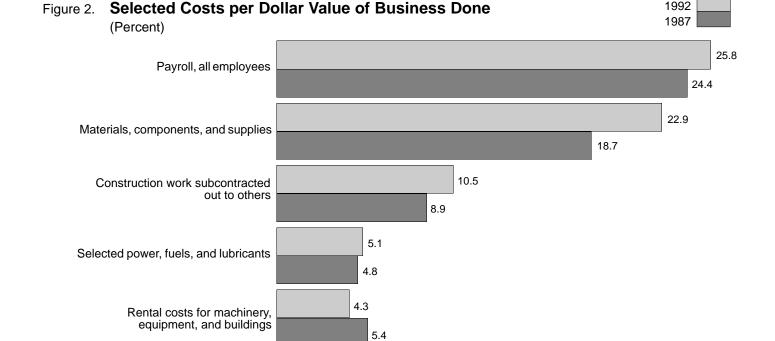
The data in this report are estimated from a sample survey and are subject to sampling variability as well as errors of response and nonreporting. The relative standard error shown in the tables is a measure of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability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

Value of Construction Work by Type of Construction Figure 1. (Percent)







5.7

5.6

Communications, repairs to buildings,

Selected purchased services:

machinery, and equipment

Figure 2.

1992

Table 1. General Statistics for Establishments With Payroll by State: 1992 and 1987

					1992				
		Employ	yees**	Pay	roll				
Location of establishment	Number of establish- ments	All	Construction workers	All employees	Construction workers	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels
	A	В	С	D	Е	F	G	Н	I
United States	13 898	77 126	62 437	1 816 814	1 400 643	6 869 692	6 129 178	4 339 605	1 973 899
Alabama Alaska Arizona Arkansas California	204	1 226	988	20 728	16 257	93 005	80 872	51 679	29 912
	80	394	320	11 202	9 488	66 622	63 486	40 198	23 410
	125	666	543	14 125	10 435	46 078	42 902	34 017	9 213
	105	452	368	7 284	5 587	34 535	31 971	23 892	8 112
	850	6 630	5 346	193 494	141 878	765 368	664 406	455 282	218 490
Colorado Connecticut Delaware District of Columbia Florida	304	1 572	1 298	35 760	28 087	124 330	114 942	84 800	31 144
	303	1 898	1 511	56 141	43 112	206 001	185 247	132 751	59 685
	31	237	200	6 305	4 964	26 670	22 836	13 621	9 468
	*10	60	49	2 069	1 515	10 093	8 893	6 440	2 453
	617	3 813	3 090	79 892	58 441	306 274	269 123	177 876	100 471
Georgia Hawaii Idaho Illinois Indiana	300	1 608	1 353	34 627	26 998	129 447	114 066	80 091	36 179
	22	269	222	9 761	7 386	42 619	36 198	24 115	12 316
	83	272	233	4 574	3 756	21 956	19 349	17 330	3 555
	561	3 358	2 661	103 273	78 796	367 033	322 326	235 480	94 668
	433	2 378	1 858	53 123	41 554	201 687	186 112	126 205	62 096
lowa	111	601	494	12 585	9 905	57 945	54 563	38 774	15 871
Kansas	81	433	358	10 745	7 841	36 220	32 269	23 073	9 237
Kentucky	248	1 082	902	20 271	16 579	90 537	81 475	58 009	25 532
Louisiana	81	566	464	8 870	7 182	34 811	31 978	21 621	11 156
Maine	227	1 185	935	23 770	18 495	87 175	82 694	56 416	32 550
Maryland	358	2 600	2 108	62 682	45 833	197 545	176 421	137 127	51 730
	454	2 382	1 864	63 183	47 905	229 682	202 215	150 797	61 841
	619	3 142	2 491	82 808	64 356	296 862	264 466	187 604	90 674
	296	1 658	1 309	46 068	35 804	175 409	152 740	113 010	47 769
	103	402	333	7 827	5 997	25 698	23 718	16 566	8 656
Missouri	307	1 622	1 310	35 072	27 474	127 515	113 480	81 980	32 355
	69	191	142	3 321	2 572	14 218	13 339	9 159	4 751
	85	539	452	13 046	9 904	42 170	39 546	30 532	10 029
	92	858	713	20 465	15 540	77 963	65 243	46 455	19 287
	170	604	493	12 464	10 554	50 293	45 552	33 003	17 182
New Jersey	463	2 215	1 773	59 766	46 050	198 211	177 315	127 812	52 410
	60	495	420	7 799	6 585	29 938	28 378	19 670	*9 733
	884	4 627	3 646	121 889	95 265	451 170	400 535	287 544	126 113
	379	2 225	1 839	41 098	31 868	150 750	132 608	99 472	39 265
	34	118	96	1 983	1 392	8 455	8 304	6 685	1 983
Ohio	798	3 929	3 166	88 366	69 804	335 132	300 666	204 672	100 056
	64	369	304	7 123	5 325	40 503	32 980	25 364	(S)
	261	1 083	864	23 922	18 969	94 319	87 174	60 924	28 093
	916	4 835	3 976	109 777	88 259	413 381	370 776	256 535	123 633
	99	310	236	6 285	4 728	23 662	22 079	16 201	6 642
South Carolina South Dakota Tennessee Texas Utah	218	1 168	938	21 397	15 181	91 521	81 290	53 581	28 585
	35	188	152	4 270	2 969	14 605	12 294	8 363	3 959
	247	1 195	1 006	19 608	15 757	75 936	70 636	50 155	22 009
	464	2 787	2 294	54 516	40 824	222 444	197 970	133 574	65 456
	86	530	447	10 716	8 743	41 409	38 950	31 446	7 574
Vermont	194	718	583	13 781	11 496	50 871	49 145	38 127	14 915
	318	2 218	1 838	45 376	34 932	178 256	148 494	97 565	56 198
	469	2 484	2 056	60 081	47 887	221 690	208 104	152 841	71 797
	153	544	457	8 873	7 086	39 587	37 397	31 013	9 436
	389	2 246	1 813	52 137	41 044	191 964	172 362	123 282	56 184
	42	148	*129	*2 516	*2 283	10 127	9 293	6 878	*2 427

		1992—Con.			1987									
Cost of construction work sub-contracted out to others	Value of construction work subcontracted 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—		error of estimate (percent) for		Locatio of establis ment	sh-
J	К	L	М	N	0	Р	Q	В	Ð	М				
740 514	3 942 704	304 352	331 411	3 678 478	95 329	8 244 398	5 707 716	1	1	4	ι	U.S.		
12 133	(S)	(S)	*5 441	43 805	1 004	65 947	46 775	12	14	52	AL			
*3 136	42 974	*2 035	4 984	34 597	(S)	(S)	(S)	17	20	36	AK			
3 176	34 896	1 534	2 979	20 781	708	65 335	50 980	16	11	28	AZ			
2 564	*19 090	(S)	*6 497	*19 847	592	37 923	23 579	18	18	64	AR			
100 963	428 083	73 138	14 396	277 585	9 607	1 204 038	852 454	4	3	6	CA			
9 387	97 868	5 361	11 923	62 385	1 580	95 200	69 386	11	9	19	CO			
20 754	123 800	9 494	11 813	120 972	2 570	243 550	170 988	6	6	25	CT			
3 834	15 530	3 694	*1 000	8 554	598	(D)	34 117	9	12	69	DE			
1 200	10 017	359	11	254	(D)	(D)	3 443	18	12	(Z)	DC			
37 150	181 899	12 484	16 468	186 540	5 316	390 622	260 320	6	6	17	FL			
15 381	64 564	3 945	5 585	80 115	1 868	128 976	88 334	8	8	25	GA			
6 421	15 027	1 311	2 235	11 955	158	29 426	*19 336	(Z)	(Z)	(Z)	HI			
*2 607	17 822	558	1 907	10 521	(S)	(D)	(S)	26	23	38	ID			
44 708	211 205	12 017	16 119	179 785	3 287	332 725	235 522	4	4	12	IL			
15 574	104 565	5 529	9 860	108 496	2 110	152 092	110 810	7	7	16	IN			
3 382	25 850	(S)	(S)	18 840	436	30 189	21 169	15	17	(S)	IA			
3 951	20 281	693	2 276	27 088	987	76 807	53 004	15	13	34	KS			
9 061	48 830	6 988	3 930	34 833	1 163	76 900	51 518	9	6	29	KY			
2 833	19 302	1 921	*937	6 776	(S)	(S)	(S)	18	15	49	LA			
4 481	22 100	2 728	5 279	62 690	1 273	95 173	65 318	12	11	26	ME			
21 124	129 804	10 809	3 627	165 480	3 097	264 825	199 868	7	7	21	MD			
27 468	100 268	6 672	6 456	128 872	4 236	423 366	295 260	8	7	17	MA			
32 396	150 593	11 178	17 198	164 898	3 391	312 220	210 336	5	6	19	MI			
22 668	92 209	6 128	11 592	104 660	1 692	184 266	124 822	9	6	15	MN			
1 979	16 469	1 131	1 502	(S)	572	36 696	22 947	22	16	38	MS			
14 035	107 773	5 429	8 628	104 488	2 186	156 413	109 122	10	8	15	MO			
879	5 555	780	2 194	12 317	(S)	(S)	(S)	18	14	36	MT			
2 625	26 386	1 660	3 365	19 167	329	19 309	14 629	12	13	11	NE			
12 720	63 855	3 867	5 101	37 231	683	85 734	51 797	11	10	33	NV			
4 741	17 035	1 610	2 074	28 668	1 565	143 366	102 587	13	12	38	NH			
20 896	110 322	7 624	8 786	149 748	4 887	451 989	304 501	6	6	22	NJ			
(S)	*9 266	*912	*1 172	*11 631	225	10 979	9 236	26	18	69	NM			
50 635	229 704	15 289	13 945	211 217	7 028	600 041	426 135	4	4	17	NY			
18 142	95 419	4 476	6 689	88 986	2 176	153 057	94 919	7	7	20	NC			
(S)	*1 204	*107	*336	*1 983	306	12 492	8 591	23	29	60	ND			
34 465	201 433	12 628	14 976	119 336	4 660	361 722	244 880	6	5	13	OH			
7 523	22 543	2 495	2 473	12 064	585	27 394	21 975	17	14	19	OK			
7 145	51 462	3 896	4 409	46 736	672	61 790	45 261	9	8	21	OR			
42 605	228 550	14 017	21 553	284 422	6 168	513 173	352 227	4	3	12	PA			
1 583	9 747	642	*1 096	17 976	470	40 253	31 671	8	10	45	RI			
10 231	52 614	2 949	4 333	62 908	930	64 769	48 470	8	8	21	SC			
*2 311	11 299	(S)	*434	(S)	164	11 676	8 611	20	16	64	SD			
5 300	43 038	2 875	(S)	56 139	1 586	113 899	80 157	10	11	(S)	TN			
24 474	152 668	8 688	9 252	76 744	3 978	266 629	169 881	8	7	23	TX			
2 460	36 542	1 351	3 145	30 998	545	55 406	33 884	15	15	23	UT			
1 727	9 399	1 226	*4 251	47 506	870	67 003	47 338	14	15	55	VT			
29 762	100 768	6 451	7 246	86 676	3 545	276 291	184 398	6	6	18	VA			
13 586	159 470	10 020	15 613	100 361	1 519	137 725	95 382	6	5	16	WA			
2 190	(S)	563	1 826	22 936	431	32 213	21 636	17	14	22	WV			
19 602	122 733	8 455	18 753	142 594	2 004	172 266	114 945	8	6	16	WI			
*834	4 373	*218	*386	*3 506	(S)	(S)	(S)	38	38	51	WY			

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

Item						ive star stimate		
	1992	1987	1982	1977	1992	1987	1982	1977
Number of establishments in business during year	13 898	13 422	19 646	16 521	1	1	1	2
Proprietors and working partners	5 414	3 329	7 412	10 009	3	4	2	3
All employees**	77 126	95 329	135 968	104 092	1	1	1	1
Construction workers: March May August November Average	51 774 64 810 69 804 63 360 62 437	68 030 81 722 86 598 80 439 79 198	96 321 117 938 124 876 113 125 115 059	74 781 97 884 101 343 91 643 91 522	1 1 1 1 1	1 1 1 1	1 1 1 1 1	1 1 1 1
Other employees: March	14 691 15 087 14 638 14 339 14 689	15 585 16 085 16 570 16 285 16 130	20 702 (NA) (NA) (NA) (NA)	11 826 (NA) (NA) (NA) (NA)	2 2 2 2 2 2	2 2 2 2 2 2	1 (NA) (NA) (NA) (NA)	1 (NA) (NA) (NA) (NA)
Payroll, all employees	1 816 814 1 400 643 416 170	2 059 792 1 597 517 462 274	2 151 859 1 756 734 395 124	1 207 669 1 020 923 186 746	1 1 1	1 1 1	1 1 1	1 1 1
First-quarter payroll, all employees	347 957	402 781	423 383	220 121	2	1	1	1
Fringe benefits, all employees	434 138 284 608 149 530	447 879 310 069 137 810	406 281 305 218 101 063	246 361 144 243 102 118	1 2 2	1 1 2	1 1 1	2 2 3
Dollar value of business done	7 054 018 6 869 692 3 942 704 184 326	8 452 371 8 244 398 4 281 940 207 972	8 472 648 8 181 330 3 105 846 291 318	4 370 233 4 215 722 2 194 749 154 511	1 1 2 4	1 1 2 4	1 1 1 2	1 1 1 3
Net value of construction work†	6 129 178	7 490 988	7 336 965	3 929 674	1	1	1	1
Value added††	4 339 605	5 707 716	5 507 225	2 993 648	1	1	1	1
Selected costs Materials, components, and supplies Construction work subcontracted out to others Selected power, fuels, and lubricants Electricity Natural and manufactured gas Gasoline and diesel fuel On highway use Off highway use Other, including lubricating oils and greases	2 714 413 1 616 952 740 514 356 947 23 051 3 618 307 368 141 846 165 522 22 910	2 744 654 1 582 800 753 409 408 444 23 079 3 696 348 871 160 059 188 812 32 796	2 965 423 1 575 371 844 364 545 686 25 546 9 164 470 497 (NA) (NA) 40 478	1 376 585 883 844 286 048 206 693 8 028 3 132 172 041 (NA) (NA) 23 493	1 2 2 1 4 4 1 2 1 2	1 1 3 1 2 3 1 2 1 2	1 1 1 1 2 2 1 (NA) (NA)	1 1 1 1 2 2 1 (NA) (NA)
Rental cost for machinery, equipment, and buildings	304 352 259 989 44 363	459 004 419 503 39 500	428 287 394 417 33 870	220 273 208 908 11 365	3 3 4	2 2 4	1 1 3	1 1 2
Selected purchased services Communication services Repairs to buildings and other structures Repairs to machinery and equipment	405 347 48 233 10 349 346 765	471 487 42 182 12 907 416 397	503 629 40 539 10 240 452 850	293 708 18 789 4 993 269 926	2 3 8 2	2 2 5 2	1 1 4 1	1 2 4 1
Ownership of construction projects: Value of construction work Government owned Federal State and local Privately owned	6 869 692 1 177 713 225 396 952 317 5 691 979	8 244 398 1 178 905 248 603 930 302 7 065 492	8 181 330 2 100 654 (NA) (NA) 6 080 675	4 215 722 761 080 (NA) (NA) 3 454 642	1 3 6 3 2	1 3 6 3 2	1 2 (NA) (NA) 1	1 (NA) (NA)

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 Capital expenditures, other than land New Used Retirements and disposition of depreciable assets	3 527 166 331 411 222 493 108 918 180 098	2 962 122 465 538 352 828 112 709 155 989	2 4 4 6 8	2 3 3 5 8
End-of-year gross book value of depreciable assets	3 678 478	3 271 670	2	2
Depreciation charges during year	410 033	436 178	3	3
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets Capital expenditures, other than land New buildings and other structures Used buildings and other structures Retirements and disposition of depreciable assets	229 305 18 287 14 084 4 203 5 374	254 391 30 554 22 743 7 810 2 754	6 12 14 21 24	6 13 16 13 20
End-of-year gross book value of depreciable assets	242 219	282 191	6	6
Depreciation charges during year	21 266	25 589	7	12
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets	3 297 860 313 124 208 410 54 932 104 714 174 724	2 707 730 434 983 330 084 103 090 104 899 153 234	2 4 4 6 6 8	2 3 3 5 5 8
End-of-year gross book value of depreciable assets	3 436 259	2 989 479	2	2
Depreciation charges during year	388 767	410 589	3	3

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

<u> </u>		
Item	Establishments with payroll	Relative standard error of estimate (percent)
All establishments: Number Value of construction work	13 898 6 869 692	1
Establishments with inventories: Number	2 057 1 731 593	3 2
End of 1992, materials and supplies End of 1991, materials and supplies	28 179 26 769	6 7
Establishments with no inventories: Number	5 844 3 143 785	2 1
Establishments not reporting: NumberValue of construction work	5 997 1 994 314	2 2

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

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]

					Establishr	nents with an a	average 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	13 898 77 126 1 816 814 7 054 018 6 869 692 6 129 178	9 475 16 843 291 122 1 418 894 1 391 029 1 307 900	2 533 16 117 335 343 1 260 014 1 230 429 1 118 004	1 179 15 444 362 684 1 290 577 1 254 591 1 141 078	553 15 817 431 804 1 559 539 1 516 966 1 322 236	124 8 190 239 690 937 983 905 872 769 199	31 4 739 156 702 588 772 572 566 472 492	2 (D) (D) (D) (D) (D)	- - - -	- - - - -
Value added††—————————————————————————————————	4 339 605 1 973 899 740 514 304 352 331 411 3 678 478	949 188 386 577 83 129 39 478 74 593 864 920	798 821 348 767 112 425 45 471 63 410 724 018	796 860 380 204 113 513 59 478 75 787 690 464	926 011 438 798 194 730 73 147 58 836 758 296	582 422 218 888 136 673 58 274 39 581 436 523	287 053 201 645 100 074 28 504 19 204 204 257	(D) (D) (D) (D) (D) (D)	-	- - - - -
All employees** Value of construction work	95 329 8 244 398 5 707 716	(S) (S) (S)	18 208 1 316 114 929 258	16 703 1 329 732 957 452	20 626 1 853 695 1 314 804	11 822 1 243 071 852 724	8 548 1 199 982 555 962	2 756 (D) 206 472	- - -	<u>=</u>
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees** Net value of construction work† Capital expenditures, other than land	1 1 4	3 3 7	4 4 9	4 4 9	2 2 4	1 (Z) (Z)	(Z) (Z) (Z)	(D) (D) (D)	- - -	_ _ _

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]

					Establishm	ents with dol	lar value of b	usiness 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	13 898 77 126 1 816 814 7 054 018 6 869 692 6 129 178	(9) (9) (9) (9) (9) (9) (9)	(S) (S) (S) (S) (S) (S)	(9) (9) (9) (9) (9) (9) (9) (9) (9)	4 778 11 490 182 390 786 207 772 501 733 325	2 566 12 360 236 734 892 281 875 847 829 570	1 420 12 352 268 262 989 227 959 670 876 469	943 15 616 397 490 1 449 494 1 406 173 1 265 604	264 8 416 241 448 911 096 879 225 770 408	124 6 874 217 733 820 126 796 714 672 874	58 5 942 225 383 1 006 229 984 700 797 117
Value added††Cost of materials, components, supplies, and	4 339 605	(S)	(S)	(S)	528 978	600 570	623 669	889 827	550 209	483 385	530 066
fuelsCost of construction work subcontracted out	1 973 899	(S)	(S)	(S)	218 054	245 434	282 357	419 098	252 070	212 901	288 580
to others	740 514 304 352 331 411	(S) (S) (S)	(S) (S) (S)	(S) (S) (S)	39 176 23 944 44 658	46 277 23 198 49 431	83 201 36 912 53 252	140 569 65 207 72 558	108 817 39 230 37 146	123 840 52 313 31 997	187 583 57 160 34 846
End-of-year gross book value of depreciable assets	3 678 478	(S)	(S)	(S)	514 426	552 860	568 853	784 580	422 511	367 556	347 153
1987											
All employees**	95 329 8 244 398 5 707 716	(S) (S) (S)	(S) (S) (S)	(S) (S) (S)	11 972 673 802 470 552	13 126 896 554 621 144	13 990 1 034 268 728 562	18 568 1 596 316 1 158 991	11 134 1 147 607 792 709	9 791 1 017 889 691 107	12 095 1 694 553 1 113 466
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees** Net value of construction work† Capital expenditures, other than land	1 1 4	(S) (S) (S)	(S) (S) (S)	(S) (S) (S)	4 3 9	5 4 10	5 4 10	3 3 9	1 2 6	(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.

23–8 EXCAVATION WORK

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

		_	. 1 . 15					
Type of construction	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair		f estimat	andard er e (percen lumn—	
	А	В	С	D	А	В	С	D
1992								
Value of construction work	6 869 692	5 373 135	792 001	414 182	1	1	3	3
Building construction	5 693 368 2 625 097 2 380 790 244 307	4 737 771 2 287 364 2 065 311 222 053	643 086 190 187 174 596 15 591	312 511 147 546 140 883 6 663	1 2 2 5	1 2 2	3 5 5	4 6 6
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperativesOffice buildings	167 952	140 260 261 881	14 135 33 341	13 557 14 627	6 3	6	17 4	16 18
Other commercial buildings such as stores, restaurants, and automobile service stations	524 326 156 365 47 130 192 119 179 767 41 758 59 742	1 085 892 519 746 399 499 120 247 33 094 126 508 122 429 28 222 51 711 80 664	137 347 122 616 92 146 30 471 12 849 52 352 51 967 7 115 6 325 14 851	64 732 38 329 32 681 5 647 1 187 13 260 5 370 6 421 1 707 5 777	2336655 1279	2 3 4 5 7 4 5 14 8 10	7 7 5 21 10 11 7 17 19	4 8 8 14 18 12 21 22 18 11
Nonbuilding construction	885 950	635 364	148 915	101 671	2	2	4	4
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc	38 008 313 045 234 347 78 699 53 583 106 783	208 598 28 402 32 104 249 566 186 593 62 972 36 505 80 190 (NA)	76 787 6 687 5 469 32 964 25 089 7 875 *13 711 13 296 (NA)	46 873 7 184 435 30 515 22 664 7 851 3 367 13 297 (NA)	2 12 4 3 3 4 11 5	2 14 5 3 3 4 3 5 (NA)	3 15 6 6 7 10 40 6 (NA)	6 21 19 6 7 10 12 15
1987								
Value of construction work	8 244 398	5 759 192	650 350	375 445	1	1	2	2
Building construction	5 094 555 2 112 521 1 820 979 291 542	4 446 598 1 895 136 1 621 328 273 807	443 436 132 203 121 202 11 001	204 521 85 181 78 447 6 733	1 2 2 7	1 2 2 7	3 6 7 12	5 7 8 17
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperativesOffice buildings	224 115 658 168	208 747 602 651	7 734 45 237	7 633 10 280	3	3 3	16 9	20 8
Other commercial buildings such as stores, restaurants, and automobile service stations	937 282 611 783 504 348 107 434 36 140 102 643 105 142 43 842 13 280 249 638	811 106 518 598 423 027 95 571 28 445 71 899 67 854 28 058 10 242 203 861	82 990 66 268 56 402 9 866 6 901 27 908 34 846 11 385 1 862 26 102	43 185 26 915 24 918 *1 997 793 2 835 2 441 4 397 1 175 19 686	2 2 3 4 5 6 5 13 19 (NA)	2 3 4 6 7 6 16 24 (NA)	5 4 4 13 7 10 9 24 25 (NA)	5 12 12 50 22 25 17 16 14 (NA)
Nonbuilding construction	1 690 432	1 312 593	206 914	170 924	2	2	4	5
signs, lighting, etc. Private driveways and parking areas Recreational facilities Sewers, water mains, and related facilities Sewers, sever lines, septic systems, and related facilities Water mains and related facilities Sewage treatment and water treatment plants Other nonbuilding construction	373 673 19 428 17 419 779 963 486 374 293 588 91 322 408 626	291 557 16 480 15 126 612 367 373 160 239 206 70 666 306 397	55 158 1 462 1 843 82 232 57 358 24 873 15 688 50 530	26 957 1 485 448 85 363 55 854 29 508 4 966 51 704	2 18 14 3 3 5 6 (NA)	3 21 15 3 3 5 6 (NA)	7 27 11 8 9 10 7 (NA)	5 24 15 8 7 11 21 (NA)
Construction work, n.s.k.	1 459 411	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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]

see appendix A]											
ltem	Number of				onstruction ork For	Net value of		Cost of construction work sub-	stan of	Relative dard e estima rcent)	error ate
item	establish- ments	All employees**	Payroll, all employees	For all types	specialized type	construction work†	Value added††	contracted out to others		olumn-	
	А	В	С	D	E	F	G	Н	В	D	Н
All establishments	13 898	77 126	1 816 814	6 869 692	3 759 762	6 129 178	4 339 605	740 514	1	1	2
Establishments not specializing by type Establishments specializing 51 percent or more	2 594 11 304	24 025 53 101	648 045 1 168 769	2 378 799 4 490 893	(NA) 3 759 762	2 087 666 4 041 512	1 466 959 2 872 646	291 133 449 381	2	2	2 2
SINGLE-FAMILY HOUSES, DETACHED											
All establishments specializing in type	7 235	29 196	597 930	2 280 145	1 946 980	2 087 087	1 466 687	193 058	2	2	4
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 — 51 to 50 percent specialization — 51 to 50 percent specialization — 51 to 50 percent specia	4 134 795 652 710 618 325	13 811 3 485 2 933 3 967 3 332 1 668	256 845 72 053 64 704 92 764 74 633 36 931	990 514 262 629 256 505 333 837 299 848 136 812	990 514 243 320 210 421 244 780 185 189 72 756	914 841 241 555 232 758 305 818 268 518 123 598	653 924 165 425 151 492 206 721 206 293 82 832	75 673 21 074 23 747 28 019 31 330 13 214	4 7 8 7 7 8	3 7 7 6 5 8	7 14 15 6 4 9
SINGLE-FAMILY HOUSES, ATTACHED, INCLUDING TOWNHOUSES AND TOWNHOUSE-TYPE CONDOMINIUMS											
All establishments specializing in type	280	1 164	27 231	96 062	86 525	91 363	69 241	4 699	11	12	30
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 — 51 to 50 percent specia	(S) (S) 50 13 *27 (S)	736 (S) 171 159 42 *32	16 845 (S) 3 242 5 160 *980 *524	59 791 (S) 14 508 15 575 2 721 *2 699	59 791 (S) 11 902 11 010 1 647 *1 484	56 158 (S) 14 053 15 216 *2 634 *2 590	40 996 (S) 11 969 12 152 *2 295 *1 293	3 633 (S) *454 359 *87 109	15 (S) 28 23 33 71	16 (S) 29 20 39 70	38 (S) 57 9 43 35
OFFICE BUILDINGS											
All establishments specializing in type	156	1 009	29 606	103 943	88 568	88 096	72 982	15 847	10	8	5
Establishments with	77 *5 4 37 31	337 (D) 98 227 124 (D)	10 153 (D) 3 840 6 109 2 534 (D)	37 656 14 591 12 086 24 812 9 417 5 381	37 656 13 512 10 395 18 397 5 778 2 829	32 043 (D) (D) 23 229 8 353 (D)	24 394 10 979 8 584 19 304 6 398 3 322	5 613 (D) (D) 1 583 1 064 (D)	18 (D) 23 29 32 (D)	13 16 14 20 29 (Z)	13 (D) (D) 5 11 (D)
OTHER COMMERCIAL BUILDINGS SUCH AS STORES, RESTAURANTS, AND AUTOMOBILE SERVICE STATIONS											
All establishments specializing in type	900	10 293	266 243	1 046 901	818 877	908 913	619 011	137 989	3	3	4
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 — 51 to 50 percent specia	350 97 90 85 209 68	3 278 1 203 1 037 1 364 1 972 1 439	81 284 28 093 25 669 34 490 50 714 45 992	311 175 110 469 103 011 126 503 214 032 181 711	311 175 102 598 85 047 91 348 134 153 94 556	276 770 93 821 94 347 113 498 176 440 154 037	188 040 65 537 66 064 83 030 116 921 99 419	34 405 16 648 8 664 13 006 37 592 27 674	6 9 8 8 9 5	5 9 8 8 7 3	6 11 11 8 14 1
INDUSTRIAL BUILDINGS											
All establishments specializing in type	300	2 893	81 069	299 707	248 380	262 988	203 037	36 719	6	6	8
Establishments with	130 *18 35 61 31 *25	973 289 626 498 457 49	24 215 7 254 20 066 13 112 14 431 1 991	92 455 26 478 76 185 48 524 46 211 9 854	92 455 24 934 61 861 35 296 28 451 5 384	79 365 (D) 65 548 43 438 41 424 (D)	62 914 18 032 50 499 33 044 31 852 6 697	13 090 (D) 10 638 5 086 4 787 (D)	12 14 9 14 10 20	16 9 7 11 9 19	23 (D) 5 8 9 (D)
EDUCATIONAL BUILDINGS											
All establishments specializing in type	103	931	24 786	82 432	60 584	74 757	49 463	7 675	13	13	14
Establishments with —	36 6 *9 25 19 7	238 86 129 111 195 *172	5 673 2 880 3 266 2 303 5 051 5 612	15 331 10 189 10 510 *7 341 20 176 18 885	15 331 9 243 8 457 *5 190 12 220 10 142	(D) 9 372 9 202 (D) 19 026 16 343	12 110 4 261 5 569 *3 798 14 333 9 392	(D) 817 1 309 (D) 1 150 2 542	23 21 37 39 23 40	29 19 25 42 34 27	(D) 24 9 (D) 30 (Z)
HOSPITALS AND INSTITUTIONAL BUILDINGS											
All establishments specializing in type	94	693	16 842	74 161	48 320	64 400	45 209	9 760	18	17	20
Establishments with — 100 percent specialization	(S) (S) - *26 *26 (S)	*42 (S) - *202 228 155	*672 (S) - 2 897 8 421 3 804	*2 172 (S) - *25 559 29 566 15 391	*2 172 (S) - 18 301 17 929 8 592	*2 016 (S) - *22 107 26 349 12 456	*1 774 (S) - (S) 15 846 9 255	(S) - - 3 452 3 217 *2 935	71 (S) - 40 22 37	63 (S) - 40 19 32	(S) - - 23 33 47

23-10 EXCAVATION WORK

CONSTRUCTION-INDUSTRY SERIES

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

		Average		Construction	n workers ¹		Re	elative s	tandard	d error o	of estima	ate
Location of establishment	Number of establishments	number of construction workers	January to March	April to June	July to September	October to December		(pei	rcent) fo	or colun	nn—	
	А	В	С	D	Е	F	А	В	С	D	Е	F
United States	13 898	62 437	51 774	64 810	69 804	63 360	1	1	1	1	1	1
Alabama	204	988	880	987	1 083	1 001	12	11	10	10	11	12
	80	320	215	369	423	274	19	18	20	17	15	22
	125	543	505	542	555	570	15	17	16	18	15	21
	105	368	303	413	410	345	18	18	19	18	19	21
	850	5 346	4 517	5 574	5 886	5 407	6	4	5	4	4	4
Colorado	304	1 298	1 076	1 347	1 409	1 361	10	11	11	11	11	12
	303	1 511	1 162	1 516	1 706	1 659	7	6	7	5	5	6
	31	200	166	214	193	227	11	8	2	10	11	7
	*10	49	91	37	32	35	54	22	12	29	34	31
	617	3 090	2 812	3 138	3 170	3 238	7	6	6	7	7	6
Georgia Hawaii IdahoIllinois Indiana	300 22 83 561 433	1 353 222 233 2 661 1 858	1 277 235 195 2 054 1 534	1 388 239 237 2 889 1 887	1 391 204 272 3 064 2 080	1 356 210 228 2 635 1 929	10 4 19 7 8	8 (Z) 27 5 7	8 (Z) 28 5 7	8 (Z) 28 4 7	9 (Z) 26 5 7	8 (Z) 29 5 8
lowa	111	494	320	537	590	530	16	16	17	15	16	18
Kansas	81	358	310	375	366	381	15	17	16	15	14	22
Kentucky	248	902	728	999	986	895	9	9	10	9	9	9
Louisiana	81	464	440	481	478	457	22	17	16	18	17	20
Maine	227	935	540	1 037	1 224	937	12	12	15	12	12	12
Maryland	358	2 108	1 714	2 136	2 298	2 285	9	7	7	6	7	8
	454	1 864	1 371	1 906	2 112	2 068	8	8	9	8	8	8
	619	2 491	1 676	2 844	2 974	2 468	6	5	7	5	5	5
	296	1 309	880	1 481	1 596	1 277	9	8	12	8	8	9
	103	333	316	362	349	304	20	21	25	22	20	19
Missouri Montana Nebraska Nevada New Hampshire	307	1 310	1 143	1 329	1 479	1 287	9	9	10	9	9	9
	69	142	116	133	155	162	14	18	22	18	19	18
	85	452	382	493	483	453	18	11	15	12	10	12
	92	713	628	694	805	723	12	12	12	11	13	15
	170	493	399	550	572	450	13	13	16	12	13	13
New Jersey	463	1 773	1 464	1 801	1 919	1 908	7	6	7	6	6	7
	60	420	353	456	453	420	18	27	21	28	28	27
	884	3 646	2 685	3 761	4 334	3 804	6	5	5	4	5	5
	379	1 839	1 893	1 787	1 934	1 739	9	7	11	6	7	7
	34	96	66	103	117	99	32	24	25	24	23	24
Ohio	798	3 166	2 673	3 258	3 631	3 101	6	5	6	5	5	5
Oklahoma	64	304	294	302	316	305	18	17	17	16	17	18
Oregon	261	864	772	904	955	824	10	9	9	9	9	9
Pennsylvania	916	3 976	3 441	4 139	4 420	3 904	5	4	5	4	4	4
Rhode Island	99	236	185	234	266	260	11	8	9	8	7	7
South Carolina South Dakota Tennessee Texas Utah	218	938	832	984	1 003	932	12	8	7	7	7	7
	35	152	(S)	162	178	160	23	20	(S)	21	19	21
	247	1 006	913	1 071	1 044	997	11	10	10	10	10	10
	464	2 294	2 175	2 221	2 466	2 314	8	8	8	8	8	8
	86	447	406	470	490	422	19	16	19	16	15	15
Vermont	194	583	362	581	778	612	10	14	17	16	14	16
	318	1 838	1 652	1 829	2 002	1 870	9	6	6	6	6	6
	469	2 056	1 860	2 020	2 269	2 075	8	6	6	6	6	7
	153	457	362	482	478	506	14	16	16	19	17	16
	389	1 813	1 217	1 968	2 257	1 808	8	8	11	9	7	8
	42	*129	80	*142	*149	*147	27	41	37	44	43	41

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

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

Location of construction work		Construction establishmen this	work done by its located in State	Construction work done by establishments not located in this State		1987	Percent change 1987	Relative standard error of estimate (percent) for		
Eccation of constitution work	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)	C	olumn —	
	А	В	С	D	Е	F	G	Α	С	E
United States	6 869 692	13 866	6 654 894	822	214 798	8 244 398	-16.7	1	1	2
Alabama	91 376 66 622 47 907 34 318 766 633	(S) 80 125 (S) 850	(D) 66 622 (D) 33 916 761 750	(S) - 1 (S) *12	(D) - (D) 402 4 884	80 188 31 159 68 537 38 898 1 203 258	14.0 113.8 -30.1 -11.8 -36.3	14 21 11 17 3	(D) 21 (D) 18 3	(D) (D) 33 (Z)
Colorado Connecticut Delaware District of Columbia Florida	120 208 219 487 29 238 22 707 314 833	304 303 (S) (S) 617	120 138 202 880 25 445 8 989 303 669	(S) 19 *9 25 *22	(S) 16 607 3 793 13 718 11 163	95 066 244 545 56 534 13 885 405 148	26.4 -10.2 -48.3 63.5 -22.3	9 6 10 6 6	9 6 11 12 6	(S) 1 21 7 6
Georgia Hawaii	132 867 46 452 23 073 339 032 200 407	300 22 83 561 425	126 074 42 619 21 552 334 710 195 185	*18 *5 *15 *22 32	6 794 3 834 1 521 4 322 5 222	123 262 *29 872 5 311 355 436 154 456	7.8 55.5 334.4 -4.6 29.8	7 2 23 4 6	7 (Z) 24 4 6	5 20 16 27 28
lowa Kansas	61 707 38 662 93 895 34 766 81 789	111 81 248 81 227	55 670 32 997 85 850 34 766 79 692	22 *14 27 - *14	6 037 5 665 8 045 - 2 097	29 375 65 338 81 060 35 646 92 167	110.1 -40.8 15.8 -2.5 -11.3	15 11 6 14 11	16 13 6 14 12	8 10 15 - 12
Maryland	188 682 218 050 293 515 169 466 26 586	358 453 619 296 (S)	176 689 214 304 290 719 168 096 25 588	45 16 *14 *26 *7	11 994 3 745 *2 796 1 370 (S)	250 979 416 789 301 088 167 133 30 894	-24.8 -47.7 -2.5 1.4 -13.9	7 7 6 6 17	7 7 6 6 17	4 6 59 36 (S)
Missouri Montana Nebraska Nevada New Hampshire	124 491 14 341 41 170 78 743 53 752	302 69 85 92 169	118 799 14 218 40 466 (D) 49 198	30 (S) *7 3 29	5 692 (S) *704 (D) 4 554	162 175 16 564 19 094 86 898 150 087	-23.2 -13.4 115.6 -9.4 -64.2	8 14 13 10 11	9 14 13 (D) 12	11 (S) 51 (D) 5
New Jersey	196 919 31 521 453 248 150 320 10 118	463 (S) 884 379 34	185 705 29 938 447 761 147 001 8 196	37 (S) 41 9 *6	11 214 *1 583 5 488 3 319 1 922	449 510 11 361 608 608 159 454 26 702	-56.2 177.4 -25.5 -5.7 -62.1	6 17 4 6 25	6 18 4 7 30	10 74 18 17 35
Ohio Oklahoma Oregon Pennsylvania Rhode Island	335 872 33 068 93 694 408 519 23 496	798 (S) 261 916 99	331 177 (D) 93 193 393 403 21 114	35 1 *5 36 6	4 695 (D) *501 15 115 2 381	359 869 28 519 57 912 490 955 41 122	-6.7 16.0 61.8 -16.8 -42.9	4 17 8 3 9	4 (D) 8 3 10	4 (D) 55 4 (Z)
South Carolina	89 098 15 305 79 685 228 696 41 409	(S) (S) 247 456 (S)	86 301 14 395 75 048 (D) 41 409	7 5 29 1 —	2 798 911 4 637 (D)	61 392 11 912 118 543 264 014 43 976	45.1 28.5 -32.8 -13.4 -5.8	8 16 10 6 14	8 17 11 (D) 14	7 39 16 (D)
Vermont	52 025 183 397 220 038 40 865 197 271 10 353	194 310 469 (S) 389 42	(D) 174 485 218 672 37 831 190 201 10 004	2 43 *15 *14 26 *26	(D) 8 912 1 366 3 034 7 070 *349	63 691 276 642 154 919 33 627 145 763 25 041	-18.3 -33.7 42.0 21.5 35.3 -58.7	15 6 5 12 6 37	(D) 6 5 13 6 39	(D) 15 13 27 15 52

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]

Drivers, and other kind of business activities	Dollar value of business done Relative standard error of estimate			or of estimate (percent)
Primary and other kind of business activities	1992	1987	1992	1987
All kinds of business	7 054 018	8 452 371	1	1
HEAVY CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION—CONTRACTORS				
Excavating, earthmoving, and land clearing contractor, not connected with buildings Heavy construction contractor Highway and street general contractor Paving contractor	581 969 130 390 141 786 75 341	154 271 287 849 155 148 59 508	2 5 2 9	5 4 4 7
SPECIAL TRADE CONTRACTORS				
Excavating, earth and land clearing contractor, connected with buildings Foundation contractor, digging of Subdividing and preparing land owned by others contractor	4 910 658 585 189 100 634 62 256 238 488	4 811 468 1 344 168 649 636 (NA) 550 685	1 3 10 4 5	1 2 4 (NA) (NA)
OTHER BUSINESS ACTIVITIES				
Rental of construction machinery or equipment to others Transportation of goods for others Other business activities	42 631 54 978 83 220	70 652 (NA) 67 412	8 7 6	(NA) 4
Kind of business activity, n.s.k.	46 478	301 274	19	4

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** Number of construction workers. Number of all other employees Payroll, all employees \$1,000- Payroll, construction workers. do_ Payroll, other employees do_	5.5 4.5 1.1 130.7 100.8 29.9	7.1 5.9 1.2 153.5 119.0 34.4	1 1 2 1 1 2
Dollar value of business done	507.6 494.3 142.0 53.3 21.9 23.8 264.7	629.7 614.2 148.4 56.1 34.2 35.3 249.6	1 1 1 2 3 4 2
AVERAGE PER EMPLOYEE			
Payroll, all employees	23.6 91.5 56.3	21.6 88.7 59.9	1 1 1
AVERAGE PER CONSTRUCTION WORKER			
Payroll, construction workers \$1,000_Value of construction work do_	22.4 110.0	20.2 104.1	1
AVERAGE PER OTHER EMPLOYEE			
Payroll, other employees	28.3	28.7	1
AVERAGE PER DOLLAR VALUE OF CONSTRUCTION WORK			
Payroll, all employees	.264 .287 .108 .574	.250 .242 .091 .519 .056	(Z) 1 1 2 2

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]

to meaning or abbreviations and symbols, see introductory				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	5.5	23.6	110.0	.264	.287	.108	.574	.044
Alabama Alaska Arizona Arkansas California	6.0	16.9	94.1	.223	.322	.130	(S)	(S)
	4.9	28.4	208.2	.168	.351	.047	.645	*.031
	5.3	21.2	84.9	.307	.200	.069	.757	.033
	4.3	16.1	93.8	.211	.235	.074	*.553	*.051
	7.8	29.2	143.2	.253	.285	.132	.559	.096
Colorado	5.2	22.7	95.8	.288	.250	.076	.787	.043
	6.3	29.6	136.3	.273	.290	.101	.601	.046
	7.6	26.6	133.4	.236	.355	.144	.582	.139
	6.0	34.5	206.0	.205	.243	.119	.992	.036
	6.2	21.0	99.1	.261	.328	.121	.594	.041
Georgia Hawaii Idaho Illinois Indiana	5.4	21.5	95.7	.267	.279	.119	.499	.030
	12.5	36.3	192.0	.229	.289	.151	.353	.031
	3.3	16.8	94.2	.208	.162	*.119	.812	.025
	6.0	30.8	137.9	.281	.258	.122	.575	.033
	5.5	22.3	108.6	.263	.308	.077	.518	.027
lowa	5.4	20.9	117.3	.217	.274	.058	.446	(S)
Kansas	5.4	24.8	101.2	.297	.255	.109	.560	.019
Kentucky	4.4	18.7	100.4	.224	.282	.100	.539	.077
Louisiana	7.0	15.7	75.0	.255	.320	.081	.554	.055
Maine	5.2	20.1	93.2	.273	.373	.051	.254	.031
Maryland Massachusetts Michigan Minnesota Mississippi	7.3	24.1	93.7	.317	.262	.107	.657	.055
	5.3	26.5	123.2	.275	.269	.120	.437	.029
	5.1	26.4	119.2	.279	.305	.109	.507	.038
	5.6	27.8	134.0	.263	.272	.129	.526	.035
	3.9	19.5	77.2	.305	.337	.077	.641	.044
Missouri Montana Nebraska Nevada New Hampshire	5.3	21.6	97.3	.275	.254	.110	.845	.043
	2.8	17.4	100.1	.234	.334	.062	.391	.055
	6.4	24.2	93.3	.309	.238	.062	.626	.039
	9.3	23.9	109.3	.262	.247	.163	.819	.050
	3.6	20.6	102.0	.248	.342	.094	.339	.032
New Jersey	4.8	27.0	111.8	.302	.264	.105	.557	.038
	8.2	15.8	71.3	.260	.325	(S)	*.309	*.030
	5.2	26.3	123.7	.270	.280	.112	.509	.034
	5.9	18.5	82.0	.273	.260	.120	.633	.030
	3.5	16.8	88.1	.235	.235	*.018	*.142	*.013
Ohio	4.9	22.5	105.9	.264	.299	.103	.601	.038
	5.8	19.3	133.2	.176	(S)	.186	.557	.062
	4.1	22.1	109.2	.254	.298	.076	.546	.041
	5.3	22.7	104.0	.266	.299	.103	.553	.034
	3.1	20.3	100.3	.266	.281	.067	.412	.027
South Carolina	5.4	18.3	97.6	.234	.312	.112	.575	.032
	5.4	22.7	96.1	.292	.271	*.158	.774	(S)
	4.8	16.4	75.5	.258	.290	.070	.567	.038
	6.0	19.6	97.0	.245	.294	.110	.686	.039
	6.2	20.2	92.6	.259	.183	.059	.882	.033
Vermont	3.7 7.0 5.3 3.5 5.8 3.5	19.2 20.5 24.2 16.3 23.2 17.0	87.3 97.0 107.8 86.6 105.9 78.5	.271 .255 .271 .224 .272 .248	.293 .315 .324 .238 .293 .240	.034 .167 .061 .055 .102 *.082	.185 .565 .719 (S) .639	.024 .036 .045 .014 .044

Appendix A. **Explanation of Terms**

Construction. Is composed of three broad categories:

- 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 causeways built on structural supports.
- Dam and reservoir construction. Includes hydroelectric, water supply, and flood control dams and reservoirs.
- Marine construction. Includes dredging, underwater rock removal, breakwaters, navigational channels, and locks.
- Harbor and port facilities. Includes docks, piers, and wharves.
- Conservation and development construction. Includes land reclamation, irrigation projects, drainage canals, levees, jetties, breakwaters, and flood control projects.
- Power and communication transmission lines, towers, and related facilities. Includes electric power lines, telephone and telegraph lines, fiber optic cables, cable television lines, television and radio towers, and electric light and power facilities.
- Sewers, sewerlines, septic tanks, and related facilities. Includes sanitary and storm sewers, pumping stations, septic systems, and related facilities.
- Water mains and related facilities. Includes water supply systems, pumping stations, and related facilities.
- Pipeline construction other than sewer or waterlines. Includes pipelines for the transmission of gas, petroleum products, and liquefied gases.
- Urban mass transit. Includes subways, trollies, street cars, and light rail systems.
- Railroad construction. Includes the construction of railroad beds, tracks, freight yards, and signal towers for systems other than urban mass transit.
- Blast furnaces, petroleum refineries, chemical complexes, etc. Includes coke ovens and mining appurtenances such as tipples and washeries.

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

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

SIC code	Industry titles	SIC code	Industry titles
15	BUILDING CONSTRUCTION—GENERAL CONTRACTORS AND OPERATIVE BUILDERS	17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS—Con.
152	General Building Contractors—Residential Buildings	173 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	Operative Builders	1741	Masonry, Stone Setting, and Other Stone Work Special Trade Contractors
1531 154	Operative Builders General Building Contractors—Nonresidential	1742	Plastering, Drywall, Acoustical, and Insulation Work Special Trade Contractors
	Buildings	1743	Terrazzo, Tile, Marble, and Mosaic Work Special Trade Contractors
1541	General Contractors—Industrial Buildings and Warehouses	475	
1542	General Contractors—Nonresidential Buildings, Other Than Industrial Buildings and Warehouses	175	Carpentry and Floor Work Special Trade Contractors
16	HEAVY CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION— CONTRACTORS	1751 1752	Carpentry Work Special Trade Contractors Floor Laying and Other Floor Work Special Trade Contractors, Not Elsewhere Classified
161	Highway and Street Construction, Except Elevated Highways	176	Roofing, Siding, and Sheet Metal Work Special Trade Contractors
1611	Highway and Street Construction Contractors, Except Elevated Highways	1761	Roofing, Siding, and Sheet Metal Work Special Trade Contractors
162	Heavy Construction, Except Highway and Street Construction	177	Concrete Work Special Trade Contractors
1622	Bridge, Tunnel, and Elevated Highway Construction Contractors	1771	Concrete Work Special Trade Contractors
1623 1629	Water, Sewer, Pipeline, and Communications and Power Line Construction Contractors Heavy Construction Contractors, Not Elsewhere	178 1781	Water Well Drilling Special Trade Contractors Water Well Drilling Special Trade Contractors
1029	Classified	179	Miscellaneous Special Trade Contractors
17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS	1791 1793	Structural Steel Erection Special Trade Contractors Glass and Glazing Work Special Trade
171	Plumbing, Heating, and Air-Conditioning	1794	Contractors Excavation Work Special Trade Contractors
1711	Special Trade Contractors Plumbing, Heating, and Air-Conditioning Special Trade Contractors	1795	Wrecking and Demolition Work Special Trade Contractors
172	Painting and Paper Hanging	1796	Installation or Erection of Building Equipment, Special Trade Contractors, Not Elsewhere
1721	Special Trade Contractors Painting and Paper Hanging Special Trade Contractors	1799	Classified 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 JOBNAME: No Job Name PAGE: 1 SESS: 30 OUTPUT: Thu Apr 13 15:20:29 1995 / pssw01/disk2/economic/cc92i/00/07txtpub

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.