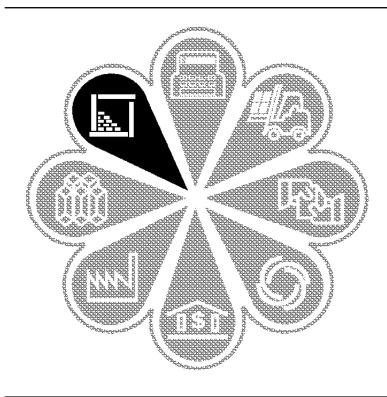
1992Census of Construction Industries

CC92-I-25

INDUSTRY SERIES

Installation or Erection of Building Equipment Special Trade Contractors, Not Elsewhere Classified

Industry 1796



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Industry 1796

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

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

BUREAU OF THE CENSUS Martha Farnsworth Riche, Director

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



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



BUREAU OF THE CENSUS

Martha Farnsworth Riche, Director

Harry A. Scarr, Deputy Director

Paula J. Schneider, Principal Associate Director for Programs Frederick T. Knickerbocker, Associate Director for Economic Programs Thomas L. Mesenbourg, Assistant Director for Economic Programs

ECONOMIC PLANNING AND COORDINATION DIVISION

John P. Govoni, Chief

MANUFACTURING AND CONSTRUCTION DIVISION David W. Cartwright, Chief

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.

Contents

Installation or Erection of Building Equipment Special Trade Contractors, Not Elsewhere Classified

[Page numbers listed here omit the prefix that appears as part of the number of each page]

		Page
Cen	oduction to the Economic Censussus of Constructionsr' Guide for Locating Statistics in This Report by Table Number	 \ 2
FIG	URES	
1. 2.	Value of Construction Work by Type of Construction	3
TAE	BLES	
Stat	tistics for Establishments With Payroll	
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	General Statistics by State: 1992 and 1987	26 77 78 8 9 10 11 12 13 14 15
	tistics for Establishments Without Payroll appear in the U.S. Industry mmary Report.	
APF	PENDIXES	
A. B. C.	Explanation of Terms	A-1 B-1 C-1
Publ	lication Program Inside back	cove

Summary of Findings

Establishments classified in this industry are primarily engaged in the installation or erection of building equipment, not elsewhere classified, such as elevators, escalators, pneumatic tube systems, and dust collection equipment. This industry also includes contractors primarily engaged in the installation or dismantling of machinery or other industrial equipment. 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 \$6.8 billion in total dollar value of business. Of this amount, \$6.6 billion were for the value of construction work. These establishments paid out \$1.7 billion for materials, components, and supplies and \$479 million for construction work subcontracted to others. Costs for selected power, fuels, and lubricants for the industry were \$77 million. Value added for 1992 was \$4.5 billion.

There were 3,889 establishments with total employment averaging 82,648 during the year. Total payroll for 1992 was \$2.3 billion.

Larger establishments with 20 employees or more, while representing only 23 percent of the total number of employer establishments in this industry accounted for 78 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.

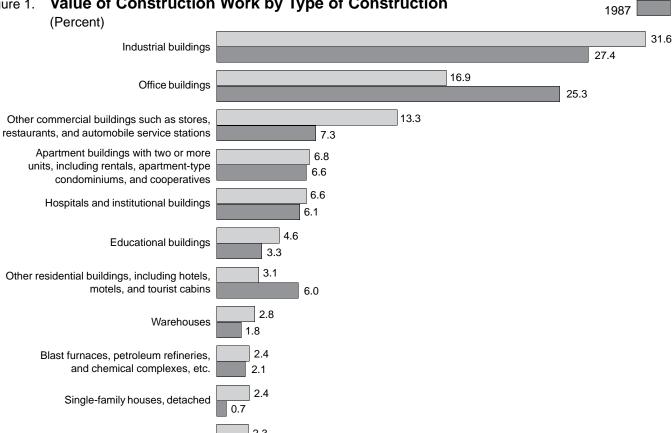
For 1987 and earlier censuses, receipts from the sale of land were collected separately for general contractors and operative builders. These receipts were included in the total dollar value of business done but excluded from the value of construction work done. For 1992, receipts from the sale of land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

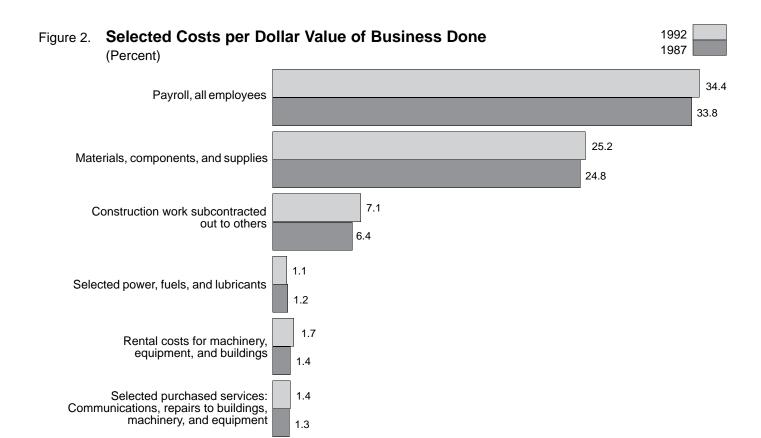
The data in this report are estimated from a sample survey and are subject to sampling variability as well as errors of response and nonreporting. The relative standard error shown in the tables is a measure of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability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



Power plants





1992

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

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

	1992											
		Employ	/ees**	Pay	roll		Net		Coat of			
Location of establishment	Number of establishments	All	Construction workers	All employees	Construction workers	Value of construction work	value of construction work†	Value added††	Cost of materials, components, supplies, and fuels			
	A	В	С	D	Е	F	G	Н	Į.			
United States	3 889	82 648	64 380	2 324 139	1 742 093	6 611 040	6 132 131	4 494 378	1 776 845			
Alabama Alaska Arizona Arkansas California	55	1 235	1 023	27 889	21 508	66 569	64 109	46 959	(D)			
	8	75	55	1 705	1 196	4 585	(D)	3 146	(D)			
	32	444	313	13 007	10 399	61 072	(D)	28 774	(D)			
	45	939	803	24 915	20 436	68 837	64 102	47 878	(D)			
	341	7 837	6 153	249 485	187 556	671 462	640 414	468 055	178 865			
Colorado Connecticut Delaware District of Columbia Florida	45	777	607	23 082	18 583	55 614	54 976	37 480	17 570			
	48	1 020	790	26 813	19 769	73 544	71 372	58 541	12 837			
	12	133	92	3 995	3 393	(S)	(S)	(S)	(S)			
	3	(D)	64	(D)	(D)	(D)	(D)	(D)	(D)			
	169	4 603	3 609	116 464	88 234	351 920	(D)	196 967	79 577			
Georgia	111	2 270	1 722	51 559	36 921	157 803	150 874	102 391	54 435			
	19	922	729	20 136	16 095	67 345	66 708	48 914	19 080			
	6	115	70	(D)	1 579	(D)	9 135	(D)	(D)			
	171	4 440	3 416	150 274	107 978	406 473	382 993	266 382	120 574			
	95	1 327	1 040	40 982	31 351	103 605	94 453	75 675	22 203			
lowa	54	663	518	16 437	12 574	50 777	46 340	36 842	11 225			
Kansas	64	1 132	916	31 937	24 272	79 920	(D)	61 461	17 930			
Kentucky	73	1 556	1 203	40 642	29 124	121 349	112 099	75 429	38 519			
Louisiana	59	1 276	930	34 606	25 212	88 272	81 456	59 139	27 208			
Maine	23	409	328	6 172	4 848	13 896	13 475	10 709	(D)			
Maryland	93	2 123	1 684	70 626	55 278	213 214	203 465	146 385	60 458			
	121	2 786	2 167	76 995	57 208	223 823	217 119	164 174	54 508			
	160	4 017	3 236	82 270	61 784	248 497	222 685	171 430	62 587			
	79	1 591	1 221	50 167	35 657	153 434	146 372	117 924	37 873			
	26	443	369	10 679	8 427	25 536	25 141	19 498	(D)			
Missouri	80	914	689	29 322	21 993	73 844	70 377	49 247	(D)			
	10	138	119	2 736	2 454	7 002	6 944	5 595	1 349			
	25	411	262	8 516	5 949	22 623	22 264	17 059	6 052			
	17	285	219	9 323	6 752	40 944	40 749	24 465	16 284			
	16	282	215	7 022	5 272	23 168	22 203	16 179	6 306			
New Jersey	138	2 814	2 015	101 659	72 363	324 809	295 763	184 069	112 968			
	16	314	263	5 191	3 991	14 103	(D)	9 172	4 518			
	307	6 830	5 141	250 761	182 574	629 624	606 071	458 732	150 706			
	114	2 232	1 734	51 275	38 602	157 983	149 660	103 113	48 437			
	14	197	156	2 229	1 599	7 653	7 124	4 685	2 440			
Ohio	178	4 651	3 740	121 798	94 279	326 555	310 460	232 852	81 472			
	34	705	592	13 689	11 237	44 963	(D)	30 440	14 438			
	81	769	599	20 449	15 984	50 449	47 912	37 294	10 617			
	191	6 165	4 964	185 826	147 608	548 938	471 718	384 015	100 871			
	14	120	87	4 075	2 730	9 085	9 005	7 834	1 208			
South Carolina South Dakota Tennessee Texas Utah	51	1 209	949	25 780	20 211	58 007	55 718	43 600	(D)			
	16	97	66	1 985	1 306	5 418	5 149	3 460	1 689			
	98	2 129	1 664	49 250	37 646	153 501	136 659	93 342	49 270			
	268	4 478	3 451	106 379	75 355	312 571	302 071	202 271	107 346			
	37	288	222	6 476	5 350	26 229	26 000	15 340	10 985			
Vermont Virginia Washington West Virginia Wisconsin Wyoming	3	27	20	1 003	(D)	(D)	3 589	2 068	(D)			
	78	2 317	1 830	60 210	46 984	185 399	175 488	130 520	51 177			
	67	1 289	997	36 318	27 107	119 897	113 287	86 139	27 246			
	18	169	144	4 301	3 679	12 942	12 856	7 048	5 808			
	98	1 526	1 148	40 029	27 114	109 229	105 653	79 896	30 031			
	*9	(D)	40	(D)	1 499	3 916	3 916	2 545	1 371			

CONSTRUCTION-INDUSTRY SERIES

		1992—Con.										
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	ve stan of estir rcent) f olumn –	nate or	estab	ation of blish- ent
J	К	L	М	N	0	Р	Q	В	G	М		
478 909	1 806 984	116 126	71 517	721 129	62 151	5 359 826	3 723 074	1	(Z)	3		U.S.
2 461 (D) (D) 4 734 31 048	14 422 1 918 7 253 9 386 204 526	1 436 66 455 1 616 17 495	*989 (D) 481 1 443 5 910	13 359 (D) 3 179 12 705 65 071	1 239 47 519 524 5 441	68 409 7 220 44 057 29 613 523 790	49 915 5 086 24 848 20 910 376 610	6 (Z) 5 3 2	6 (D) (D) 2 1	62 (D) (Z) 9 2	AL AK AZ AR CA	
638 2 172 565 (D) (D)	20 771 26 190 (S) (D) 75 896	1 061 1 302 (S) (D) 3 733	582 389 59 (D) 2 642	4 376 8 782 1 855 (D) 29 094	633 823 252 (D) 2 510	53 020 80 494 18 740 7 966 210 392	36 798 56 926 12 284 6 064 136 709	1 3 (Z) (D) 2	1 3 (S) (D) (D)	(Z) (Z) (D) 5	CO CT DE DC FL	
6 929 637 (D) 23 480 9 152	45 793 22 324 5 922 103 707 18 535	2 171 708 (D) 6 768 2 085	1 206 (D) 116 4 505 3 295	17 671 4 042 (D) 36 797 23 410	1 824 331 (D) 3 834 1 519	143 324 35 064 6 135 310 011 113 985	103 427 24 533 3 167 217 480 87 640	2 4 (Z) 2 4	1 (Z) 1 4	(Z) (D) (Z) 13 29	GA HI ID IL IN	
4 437 (D) 9 250 6 817 421	7 631 4 096 39 862 17 041 2 296	710 1 180 2 560 1 747 171	869 1 378 2 270 *986 *210	7 522 7 585 20 724 11 768 2 126	682 1 183 1 085 1 068 150	45 644 68 578 71 052 68 544 14 951	28 595 45 326 51 755 52 749 9 563	6 5 4 4 6	6 (D) 2 7 9	(Z) 26 (Z) 40 44	IA KS KY LA ME	
9 750 6 705 25 812 7 062 394	89 586 62 719 61 902 46 661 5 012	2 236 3 513 5 032 2 386 387	865 *1 727 2 150 2 202 482	9 282 12 354 42 930 15 856 (D)	1 675 1 618 2 933 974 436	140 957 150 103 263 255 88 276 41 979	97 035 105 236 170 459 59 149 25 837	3 2 3 3 10	4 2 2 3 8	35 44 5 23 (Z)	MD MA MI MN MS	
3 468 58 359 195 965	19 759 *3 281 11 401 11 912 12 048	1 461 72 265 606 244	1 082 (D) 716 (S) 159	8 396 *1 032 5 054 (S) 1 531	822 84 358 121 162	65 086 7 699 22 374 14 982 16 844	44 696 5 219 17 243 10 537 10 525	5 20 8 (Z) 1	5 24 5 (Z) 1	13 (D) (Z) (S) (Z)	MO MT NE NV NH	
29 046 (D) 23 553 8 323 529	64 880 7 577 165 165 47 297 1 588	4 863 187 9 845 2 170 62	1 327 *148 4 590 1 078 15	23 396 2 473 60 441 18 733 1 668	3 084 49 6 952 1 319 118	339 190 5 082 600 546 113 296 10 974	224 164 3 933 438 018 81 046 6 825	1 11 2 4 10	1 (D) 1 2 29	(Z) 59 5 (Z) (Z)	NJ NM NY NC ND	
16 095 (D) 2 537 77 221 80	86 371 9 420 9 498 140 641 1 432	5 695 498 1 367 11 662 63	4 939 290 432 4 415 40	28 827 2 067 *6 756 35 421 721	2 655 279 829 3 524 114	219 415 22 697 62 380 342 500 13 140	162 322 17 533 44 394 266 631 8 748	2 3 9 1 2	2 (D) 5 1	2 3 1 8 (Z)	OH OK OR PA RI	
2 288 269 16 842 10 500 229	14 079 3 197 27 645 75 775 *15 490	916 81 2 897 4 980 *748	1 305 (D) 3 074 3 607 *1 206	12 970 485 29 435 32 230 *5 512	677 *128 1 705 3 508 152	37 322 5 495 141 128 266 297 11 704	27 610 3 851 87 412 197 318 7 817	5 3 3 2 30	5 1 3 2 24	4 (D) 5 14 48	SC SD TN TX UT	
(D) 9 911 6 611 86 3 576	(D) 82 095 49 056 2 414 44 640 (D)	(D) 4 468 2 068 121 1 611 (D)	(D) 2 594 1 176 (D) 2 665 64	(D) 37 123 7 743 (D) 27 475 (D)	*68 1 202 716 202 1 797 (D)	6 440 105 333 66 422 33 729 223 149 (S)	4 013 73 130 41 416 14 444 115 496 (S)	(Z) 1 3 (Z) 5 (D)	(Z) 3 2 (Z) 4 13	(D) 6 39 (D) 3 34	VT VA WA WV WI WY	

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

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

Item							dard er (percen	
	1992	1987	1982	1977	1992	1987	1982	1977
Number of establishments in business during year	3 889	3 777	3 754	2 442	2	2	2	2
Proprietors and working partners	574	371	629	598	7	11	7	10
All employees**	82 648	62 151	60 169	40 474	1	1	1	1
Construction workers: March May August November Average	67 104 58 918 65 180 66 319 64 380	50 527 49 840 50 641 49 986 50 244	49 239 48 732 48 682 48 487 49 101	31 300 32 085 33 688 33 334 32 630	(Z) 1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1 1
Other employees: March May August November Average	18 172 17 655 17 835 19 410 18 268	11 801 11 939 11 765 12 107 11 906	11 058 (NA) (NA) (NA) (NA)	7 774 (NA) (NA) (NA) (NA)	1 1 1 1	1 1 1 1	1 (NA) (NA) (NA) (NA)	1 (NA) (NA) (NA) (NA)
Payroll, all employees	2 324 139 1 742 093 582 046	1 857 748 1 447 481 410 266	1 449 266 1 144 755 304 511	752 439 601 593 150 846	(Z) (Z) (Z)	(Z) 1 1	(Z) (Z) (Z)	(Z) (Z) (Z)
First-quarter payroll, all employees	586 784	463 654	353 004	172 374	1	1	(Z)	(Z)
Fringe benefits, all employees Legally required expenditures Voluntary expenditures	752 079 406 879 345 200	460 503 248 320 212 183	302 273 182 602 119 671	155 442 76 258 79 184	1 1 1	1 1 1	(Z) (Z) (Z)	1 1 1
Dollar value of business done	6 750 132 6 611 040 1 806 984 139 092	5 502 934 5 359 826 1 489 221 143 107	4 255 801 4 189 275 1 798 884 66 526	1 947 041 1 899 047 635 660 47 995	(Z) (Z) 2 4	1 1 1 2	(Z) (Z) (Z) 3	1 1 (Z) 2
Net value of construction work†	6 132 131	5 009 764	3 970 612	1 829 175	(Z)	1	(Z)	(Z)
Value added††	4 494 378	3 723 074	2 952 049	1 385 046	(Z)	1	(Z)	(Z)
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	2 255 754 1 699 555 478 909 77 290 13 722 4 304 53 113 47 084 6 029 6 151	1 779 859 1 363 562 350 061 66 236 11 696 3 388 47 437 42 714 4 722 3 714	1 303 752 1 038 708 218 663 46 381 7 863 2 457 32 337 (NA) (NA) 3 722	561 995 469 172 69 872 22 952 3 335 1 412 15 050 (NA) (NA) 3 157	1 1 1 1 1 1 1 2 2	1 1 1 1 2 1 1 2	1 1 1 2 3 2 (NA) (NA)	1 1 4 1 1 1 (NA) (NA)
Rental cost for machinery, equipment, and buildings	116 126 56 897 59 229	76 798 43 227 33 570	43 718 26 078 17 640	23 037 15 119 7 919	1 2 2	1 2 2	1 1 2	1 1 1
Selected purchased services Communication services Repairs to buildings and other structures Repairs to machinery and equipment	92 141 45 674 5 303 41 164	71 274 36 846 5 770 28 656	49 356 24 902 4 176 20 277	27 171 12 725 1 884 12 563	2 1 5 2	1 1 2 2	1 1 2 2	1 1 1 1
Ownership of construction projects: Value of construction work Government owned Federal State and local Privately owned	6 611 040 1 046 049 325 381 720 668 5 564 991	5 359 826 444 611 117 728 326 882 4 915 215	4 189 275 348 489 (NA) (NA) 3 840 785	1 899 047 212 739 (NA) (NA) 1 686 308	(Z) 2 5 2 1	1 3 9 3 1	(Z) 3 (NA) (NA) (Z)	1 1 (NA) (NA)

CONSTRUCTION-INDUSTRY SERIES

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

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

ltem				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	675 802 71 517 55 107 16 411 26 191	394 698 49 079 36 442 12 637 17 458	2 3 3 3 2	2 3 3 8 3
End-of-year gross book value of depreciable assets	721 129	426 319	2	2
Depreciation charges during year	72 052	46 511	2	3
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets	102 476 6 632 5 092 1 540 1 636	83 263 7 849 3 967 3 882 3 570	4 3 3 7 3	4 10 8 19 4
End-of-year gross book value of depreciable assets	107 472	87 543	3	4
Depreciation charges during year	6 633	6 901	4	5
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets	573 326 64 886 50 015 16 641 14 871 24 555	311 435 41 230 32 475 16 742 8 754 13 888	2 3 4 3 3 3	2 3 3 4 6 3
End-of-year gross book value of depreciable assets	613 657	338 776	2	2
Depreciation charges during year	65 418	39 609	2	3

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

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

Item	Establishments with payroll	Relative standard error of estimate (percent)
All establishments: Number Value of construction work	3 889 6 611 040	(Z)
Establishments with inventories: Number	130 909	2 (Z) 2 2
Establishments with no inventories: Number	1 197 1 847 114	3
Establishments not reporting: NumberValue of construction work	1 420 1 086 218	3 1

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

CONSTRUCTION-INDUSTRY SERIES

INSTALLING BUILDING EQUIPMENT, N.E.C. 25-7

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

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

					Establishme	ents with an av	erage of-			
Selected statistics	Total	1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees or more
1992										
Number of establishments All employees** Payroll, all employees Dollar value of business done Value of construction work Net value of construction work†	3 889 82 648 2 324 139 6 750 132 6 611 040 6 132 131	1 358 2 736 64 017 226 574 223 873 210 351	948 6 330 154 454 482 692 469 422 441 446	699 9 609 277 233 774 659 757 340 724 675	528 15 940 543 225 1 487 513 1 461 481 1 391 828	215 15 175 483 400 1 331 905 1 285 867 1 178 202	111 15 621 450 532 1 145 142 1 130 064 1 068 081	15 5 022 108 749 415 880 410 557 1 117 547	15 12 216 242 529 885 768 872 436 (D)	1 (D) (D) (D) (D) (D)
Value added††	4 494 378 1 776 845 478 909 116 126 71 517 721 129	151 302 61 750 13 522 5 329 4 639 38 210	313 963 140 752 27 976 11 215 9 845 74 049	536 272 205 722 32 664 15 104 12 147 107 006	1 019 565 398 294 69 653 26 763 13 867 168 363	873 750 350 490 107 665 26 382 16 574 185 676	772 724 310 435 61 983 16 626 9 113 121 210	257 812 309 401 165 446 3 370 2 765 15 515	568 989 (D) (D) 11 337 2 566 11 100	(D) (D) (D) (D) (D) (D)
1987										
All employees** Value of construction work Value added††	62 151 5 359 826 3 723 074	3 263 309 546 220 893	5 269 404 828 291 264	8 776 726 342 509 979	14 744 1 157 418 840 079	10 802 953 067 655 895	12 277 1 066 110 724 856	4 064 <u>742 513</u> 252 267	2 951 (D) 227 840	(D) (D) (D)
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees** Net value of construction work† Capital expenditures, other than land	1 (Z) 3	5 5 13	4 4 15	2 2 8	1 1 1	1 (Z) (Z)	(Z) (Z) (Z)	(Z) (Z) (Z)	(Z) (D) (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]

-					Establishn	nents with do	llar value of b	ousiness done			
Selected statistics	Total	Less than \$25,000	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 or more
1992											
Number of establishments	3 889 82 648 2 324 139 6 750 132 6 611 040 6 132 131	(S) (S) (S) (S) (S) (S)	(S) (S) (S) (S) (S)	318 885 9 089 23 224 23 167 22 753	752 3 554 46 678 126 220 125 155 121 470	629 5 645 86 250 230 754 228 151 219 000	627 8 547 162 919 440 535 431 982 414 819	654 13 415 383 903 1 024 636 998 401 952 610	264 10 844 345 314 905 250 880 044 829 067	188 12 506 488 128 1 292 727 1 262 947 1 194 549	116 26 866 799 068 2 698 505 2 652 929 2 369 810
Value added††Cost of materials, components, supplies, and	4 494 378	(S)	(S)	16 605	88 902	161 000	304 149	716 227	626 495	879 848	1 695 290
fuelsCost of construction work subcontracted out	1 776 845	(S)	(S)	6 205	33 633	60 603	119 222	262 618	227 778	344 481	720 096
to othersRental cost for machinery, equipment, and	478 909	(S)	(S)	414	3 685	9 151	17 163	45 791	50 977	68 398	283 119
buildings	116 126 71 517	(S) (S)	(S) (S)	383 583	3 003 2 512	7 048 4 625	9 434 9 147	20 109 12 410	17 760 11 053	24 055 15 463	34 151 15 458
assets	721 129	(S)	(S)	3 902	23 042	39 409	65 810	128 429	117 524	157 147	183 746
1987											
All employees**Value of construction workValue added††	62 151 5 359 826 3 723 074	(S) (S) (S)	(S) (S) (S)	(S) (S) (S)	2 260 114 532 85 548	3 923 227 916 162 384	5 915 437 739 319 608	12 310 947 903 692 721	9 305 832 434 600 302	11 172 976 202 705 317	15 868 1 789 427 1 132 000
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees**	1 (Z) 3	(S) (S) (S)	(S) (S) (S)	6 9 32	5 6 19	3 5 22	3 4 13	1 2 7	1 1 2	(Z) (Z) (Z)	(Z) (Z) (Z)

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

25-8 INSTALLING BUILDING EQUIPMENT, N.E.C.

CONSTRUCTION-INDUSTRY SERIES

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

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

		Value of cons		Relative standard error				
Type of construction	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair		of estimat		
	А	В	С	D	А	В	С	D
1992								
Value of construction work	6 611 040	2 182 760	1 419 832	2 987 484	(Z)	1	1	(Z)
Building construction Single-family houses Single-family houses.	6 137 551 196 915 155 774	2 066 208 122 883 115 286	1 251 561 34 423 24 096	2 819 783 39 609 16 393	(Z) 3 3	1 3 3	1 10 11	(Z) 2 5
Single-family houses, attached, including townhouses and townhouse-type condominiums	41 141	7 597	10 327	23 217	8	19	23	1
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	451 177 204 407 1 120 522	97 213 58 617 285 535	100 239 20 593 167 237	253 725 125 197 667 751	(Z) (Z) (Z)	1 (Z) (Z)	(Z) (Z) 1	1 (Z) (Z)
Other commercial buildings such as stores, restaurants, and automobile service stations	880 592 2 275 417 2 087 986 63 034 303 545 436 446 40 284 83 806 81 406	269 335 794 231 722 249 71 982 24 344 155 465 155 537 19 674 23 963 59 412	96 767 706 207 670 677 35 530 6 558 28 254 59 359 6 102 8 948 16 873	514 490 774 979 695 005 79 974 32 132 119 827 221 550 14 508 50 894 (S)	1 1 4 1 1 1 12 2	1 1 7 2 2 1 12 3 5	2 2 4 8 2 3 18 14 6	(Z) 1 1 3 (Z) (Z) 1 15 1 (S)
Nonbuilding construction	452 525 34 409 156 539 151 499 110 079	116 552 29 863 28 685 5 552 52 452	168 272 1 921 45 352 (D) (D)	167 701 *2 624 82 502 (D) (D)	2 19 2 4 4	6 19 4 12 5	2 29 4 (D) (D)	4 47 2 (D) (D)
Construction work, n.s.k.	20 964	(NA)	(NA)	(NA)	12	(NA)	(NA)	(NA)
1987								
Value of construction work	5 359 826	2 170 867	807 322	2 199 510	1	1	1	1
Building constructionSingle-family housesSingle-family houses, detachedSingle-family houses, attached, including townhouses and townhouse-type	4 722 281 45 557 38 774	2 009 445 28 786 24 667	671 399 11 172 9 740	2 041 436 5 598 4 365	1 10 12	1 14 15	1 17 19	1 22 28
condominiums	6 783	4 118	1 431	1 233	19	30	6	4
condominiums, and cooperatives Other residential buildings, including hotels, motels, and tourist cabins Office buildings Other commercial buildings such as stores, restaurants, and automobile service	354 018 320 264 1 356 025	104 595 132 090 614 524	42 140 28 908 77 885	207 282 159 264 663 616	1 2 (Z)	2 2 (Z)	(Z) 6 3	(Z) 2 1
Other commercial buildings such as stores, restaurants, and automobile service stations. Industrial buildings and warehouses	389 140 1 565 427 1 468 750 96 676 32 447 179 239 325 182 29 913 46 608 78 461	168 914 712 069 662 636 49 433 15 092 70 367 114 234 9 138 10 824 28 812	65 746 373 036 353 945 19 090 3 205 13 097 38 273 8 402 2 654 6 881	154 479 480 321 452 168 28 152 14 149 95 774 172 675 12 371 33 129 42 778	3 2 2 2 2 2 (Z) 23 2 4	3 3 2 4 1 (Z) 23 6 (Z)	9 1 1 3 2 10 2 33 9 24	1 2 2 4 1 2 1 20 (Z) 5
Nonbuilding construction Blast furnaces, petroleum refineries, chemical complexes, etc. Power plants Other nonbuilding construction	455 418 114 325 105 104 235 989	161 421 41 087 26 024 94 310	135 923 36 552 41 306 58 064	158 074 36 685 37 772 83 616	2 7 2 (NA)	5 15 2 (NA)	2 3 1 (NA)	3 9 3 (NA)
Construction work, n.s.k.	182 127	(NA)	(NA)	(NA)	3	(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]											
	Number of			Value of co		Net value of		Cost of construction work sub-	star of	Relative	error ate
Item	establish- ments	All employees**	Payroll, all employees	For all types	specialized type	construction work†	Value added††	contracted out to others		rcent) olumn-	
	А	В	С	D	Е	F	G	Н	В	D	Н
All establishments	3 889	82 648	2 324 139	6 611 040	3 935 141	6 132 131	4 494 378	478 909	1	(Z)	1
Establishments not specializing by typeEstablishments specializing 51 percent or more	711 3 179	21 924 60 724	767 363 1 556 776	2 187 298 4 423 742	(NA) 3 935 141	2 062 312 4 069 819	1 392 052 3 102 327	124 986 353 923	1 1	1 1	1
SINGLE-FAMILY HOUSES, DETACHED											
All establishments specializing in type	166	992	29 671	136 935	130 415	(D)	80 319	(D)	5	3	(D)
Establishments with —	74 37 35 14 5	598 159 73 118 (D) (D)	20 127 3 955 1 247 3 013 (D) (D)	102 520 14 319 4 262 11 435 (D) (D)	102 520 13 404 3 482 8 421 (D) (D)	(D) 13 815 4 160 11 207 (D) (D)	60 096 7 228 *2 992 6 736 (D) (D)	(D) (S) *102 (S) (D) (D)	2 23 37 21 (D) (D)	1 24 34 20 (D) (D)	(D) (S) 60 (S) (D) (D)
APARTMENT BUILDINGS WITH TWO OR MORE UNITS, INCLUDING RENTALS, APARTMENT-TYPE CONDOMINIUMS, AND COOPERATIVES											
All establishments specializing in type	106	2 106	87 985	218 108	172 271	208 396	164 734	9 712	(Z)	(Z)	(Z)
Establishments with — 100 percent specialization	37 8 16 13 27 5	438 198 370 271 586 244	16 468 8 637 16 754 11 361 25 892 8 873	54 481 20 594 41 498 26 555 56 815 18 165	54 481 18 803 34 503 19 380 35 110 9 994	53 119 20 264 (D) 26 377 53 999 (D)	42 019 17 017 28 150 20 795 42 841 13 912	1 362 330 (D) 178 2 816 (D)	(Z) (Z) (Z) (Z) (Z) (Z)	(Z) (Z) (Z) (Z) (Z) (Z)	(Z) (D) (D) (Z) (Z) (D)
OFFICE BUILDINGS											
All establishments specializing in type Establishments with —	194	7 537	227 064	641 870	483 669	630 864	469 969	11 005	(Z)	(Z)	(Z)
100 percent specialization	65 12 13 27 50 27	1 744 427 194 2 469 2 041 662	46 628 13 346 6 436 67 857 62 745 30 053	137 790 30 184 15 826 200 084 182 466 75 519	137 790 27 604 12 980 147 973 115 152 42 169	134 994 (D) (D) 197 806 180 191 73 274	97 265 20 256 12 440 149 791 133 326 56 892	2 796 (D) (D) 2 278 2 275 2 245	1 3 (Z) (Z) (Z) 2 (Z)	1 6 (Z) (Z) 1 (Z)	(Z) (D) (D) (Z) 1 (Z)
OTHER COMMERCIAL BUILDINGS SUCH AS STORES, RESTAURANTS, AND AUTOMOBILE SERVICE STATIONS											
All establishments specializing in type	546	17 074	238 499	618 157	544 149	604 476	469 833	13 681	(Z)	1	1
Establishments with — 100 percent specialization	463 12 16 *16 31 7	13 725 (D) 1 043 265 (D) 149	168 212 4 573 18 752 11 622 26 945 8 395	376 687 12 135 70 086 30 514 105 707 23 028	376 687 11 661 56 529 21 880 64 603 12 790	365 649 (D) 69 084 29 770 105 405 (D)	299 318 8 916 50 011 20 885 74 120 16 583	11 038 (D) 1 002 744 302 (D)	1 (D) 1 8 (D) (Z)	1 16 1 4 2 (Z)	2 (D) 1 (Z) 25 (D)
INDUSTRIAL BUILDINGS											
All establishments specializing in type	1 447	24 666	740 690	2 042 960	1 908 240	1 814 042	1 445 829	228 919	1	1	2
Establishments with — 100 percent specialization	1 252 32 56 37 62 8	18 160 907 1 908 977 2 576 138	538 579 31 380 67 640 28 819 70 480 3 793	1 467 046 77 349 236 207 60 051 190 563 11 745	1 467 046 72 614 197 954 44 056 120 201 6 369	1 318 834 67 833 (D) 55 270 183 525 (D)	1 032 402 62 110 163 149 39 972 140 760 7 436	148 212 9 515 (D) 4 780 7 037 (D)	2 3 2 2 3 (Z)	1 3 1 4 3 (Z)	2 (D) 3 5 (D)
WAREHOUSES											
All establishments specializing in type	175	1 680	37 136	119 306	113 590	106 968	85 205	12 338	6	6	14
Establishments with — 100 percent specialization	139 7 1 7 (S) 2	1 417 63 (D) 76 107 (D)	31 130 1 620 (D) 2 431 1 710 (D)	95 821 (D) (D) 9 097 *6 745 (D)	95 821 6 499 (D) 6 789 *4 114 (D)	(D) (D) (D) 5 899 (D)	72 146 4 602 (D) 4 406 3 406 (D)	(D) (D) (D) (S) (D)	7 (Z) (D) 39 30 (D)	7 (D) (D) 15 43 (D)	(D) (D) (D) (S) (D)
BLAST FURNACES, PETROLEUM REFINERIES, CHEMICAL COMPLEXES, ETC.											
All establishments specializing in type	57	1 688	56 285	113 799	99 066	103 034	88 793	10 765	4	3	4
Establishments with — 100 percent specialization	35 5 -	947 220 —	25 925 11 654	50 035 25 251	50 035 23 472	44 706 23 557	36 121 22 012	5 330 1 694	4 (Z)	4 (Z)	6 (Z)
70 to 79 percent specialization	2 3 *12	(D) (D) *105	(D) (D) *2 523	(D) (D) *6 151	(D) (D) *3 575	(D) (D) (D)	(D) (D) 5 468	(D) (D) (D)	(D) (D) 48	(D) (D) 44	(D) (D) (D)

25-10 INSTALLING BUILDING EQUIPMENT, N.E.C.

CONSTRUCTION-INDUSTRY SERIES

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

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

		Average		Construction	on workers ¹		Re	elative s	tandard	l error o	of estim	ate
Location of establishment	Number of establishments	number of construction workers	January to March	April to June	July to September	October to December			rcent) fo			
	А	В	С	D	Е	F	Α	В	С	D	Е	F
United States	3 889	64 380	67 104	58 918	65 180	66 319	2	1	(Z)	1	1	1
Alabama	55	1 023	954	1 062	1 009	1 066	11	5	8	5	5	4
Alaska	8	55	44	47	58	70	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Arizona	32	313	299	300	317	334	23	7	8	5	7	7
Arkansas	45	803	721	807	742	944	18	3	4	3	3	3
California	341	6 153	6 898	5 730	5 978	6 004	7	2	1	2	2	3
Colorado	45 48 12 3 169	607 790 92 64 3 609	505 681 73 (D) 3 781	501 707 91 71 3 097	645 857 81 (D) 4 108	777 915 121 (D) 3 452	17 4 (Z) (Z) 10	1 3 (Z) (Z) 2	3 4 (Z) (D) 2	1 3 (Z) (Z) 2	1 4 (Z) (D) 1	1 (Z) (D) 2
Georgia	111	1 722	2 006	1 401	1 714	1 770	10	2	1	3	4	2
	19	729	790	644	711	772	9	4	4	5	5	4
	6	70	61	81	65	71	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	171	3 416	3 690	3 145	3 359	3 469	6	2	2	3	2	2
	95	1 040	1 030	1 038	1 052	1 041	15	4	3	5	6	4
lowa	54	518	444	480	593	555	6	6	6	5	8	4
Kansas	64	916	882	912	924	946	17	4	5	4	4	4
Kentucky	73	1 203	1 019	1 081	1 396	1 315	18	5	3	2	8	7
Louisiana	59	930	790	893	1 001	1 036	13	3	2	7	2	2
Maine	23	328	215	301	369	425	34	8	7	9	7	6
Maryland	93	1 684	1 709	1 660	1 689	1 679	13	3	3	3	2	2
	121	2 167	2 582	1 918	2 074	2 095	10	2	1	2	2	2
	160	3 236	3 271	2 833	3 408	3 433	11	3	2	2	6	3
	79	1 221	1 964	923	1 010	986	15	3	2	4	5	4
	26	369	344	352	396	382	21	12	9	9	13	13
Missouri	80	689	636	628	722	768	13	5	5	6	5	5
Montana	10	119	101	152	111	113	13	20	23	11	27	24
Nebraska	25	262	221	245	239	344	10	9	9	9	11	7
Nevada	17	219	174	181	253	267	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
New Hampshire	16	215	169	200	233	255	4	1	2	1	1	1
New Jersey New Mexico New York North Carolina North Dakota	138	2 015	1 971	1 983	2 062	2 044	6	1	1	1	1	1
	16	263	219	239	277	315	22	12	14	13	11	10
	307	5 141	5 309	4 775	5 179	5 303	6	3	3	3	3	3
	114	1 734	2 021	1 659	1 714	1 541	10	4	3	4	4	4
	14	156	108	138	173	206	15	11	16	12	10	8
OhioOklahomaOregonPennsylvaniaRhode Island	178	3 740	3 756	3 124	3 737	4 342	7	2	2	2	2	2
	34	592	743	489	637	497	13	3	2	4	4	4
	81	599	628	529	639	601	17	8	8	9	9	8
	191	4 964	5 041	4 822	4 872	5 119	10	1	1	1	1	1
	14	87	91	84	86	87	10	3	5	2	3	2
South Carolina South Dakota Tennessee Texas Utah	51	949	780	843	1 053	1 120	15	4	5	5	3	3
	16	66	48	61	65	89	16	4	(Z)	4	4	3
	98	1 664	1 373	1 421	1 922	1 939	12	3	3	3	3	4
	268	3 451	3 942	3 177	3 350	3 334	7	2	3	2	3	3
	37	222	223	223	221	222	25	28	28	28	29	29
Vermont Virginia Washington West Virginia Wisconsin Wyoming	3	20	(D)	22	(D)	(D)	(Z)	(Z)	(D)	(Z)	(D)	(D)
	78	1 830	2 358	1 652	1 687	1 624	4	1	1	2	2	2
	67	997	1 232	883	930	944	16	3	3	4	3	2
	18	144	120	131	173	151	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	98	1 148	985	1 145	1 173	1 288	14	5	4	8	6	3
	*9	40	37	39	46	37	61	27	30	28	24	15

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

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

	1992									
Location of construction work		establishments located in establishments from this State			Construction work done by establishments not located in this State		Percent change 1987	Relative standard error of estimate (percent) for		
Ecocutor 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)	С	olumn —	
	А	В	С	D	Е	F	G	A	С	Е
United States	6 611 040	3 823	5 588 639	2 262	1 022 401	5 359 826	23.3	(Z)	(Z)	1
Alabama Alaska Arizona Arkansas California	69 057 (D) 63 116 75 464 682 294	51 8 32 44 341	56 351 (D) 61 044 59 692 651 033	36 1 17 24 52	12 705 (D) 2 072 15 772 31 261	69 176 12 420 32 902 26 784 535 202	2 (D) 91.8 181.7 27.5	6 (Z) 2 2 1	7 (D) 3 2 1	(Z) (D) (Z) (Z)
Colorado Connecticut Delaware District of Columbia Florida	53 768 79 260 23 149 79 792 353 938	45 47 (S) 3 165	52 593 67 103 (S) (D) 336 444	27 50 27 43 63	1 175 12 158 11 057 (D) 17 494	41 648 78 219 21 736 28 634 234 383	29.1 1.3 6.5 178.7 51.0	1 4 (Z) 3 2	1 (S) (D) 2	26 18 (Z) (D) 19
Georgia Hawaii Idaho Illinois Indiana	166 620 (D) 12 774 361 736 154 101	105 19 6 169 94	139 281 (D) 8 562 320 923 86 591	78 3 18 104 84	27 339 (D) 4 212 40 813 67 511	164 795 35 094 11 361 329 551 133 404	1.1 (D) 12.4 9.8 15.5	2 1 4 1 3	1 (D) (Z) 1 5	9 (D) 11 1
lowa Kansas Kentucky Louisiana Maine	57 276 50 447 91 291 85 758 16 382	53 56 71 57 23	40 118 39 291 61 280 77 379 13 194	48 37 67 37 11	17 158 11 156 30 011 8 380 3 187	41 283 55 722 75 188 75 478 18 888	38.7 -9.5 21.4 13.6 -13.3	4 8 1 2 8	5 11 1 2 9	1 5 1 2 (Z)
Maryland	131 466 216 406 318 213 148 261 32 594	91 121 158 79 25	118 983 198 691 222 661 141 424 16 490	53 37 64 38 41	12 483 17 715 95 552 6 837 16 104	122 783 156 531 237 110 111 797 60 298	7.1 38.3 34.2 32.6 –45.9	5 2 2 3 6	5 2 2 4 13	2 (Z) (Z) 2 (Z)
Missouri Montana Nebraska Nevada New Hampshire	79 398 5 776 22 288 44 414 20 762	78 10 25 17 15	58 956 5 490 18 624 40 759 15 169	65 4 31 19 26	20 442 286 3 664 3 655 5 593	63 365 7 572 25 236 20 650 16 353	25.3 -23.7 -11.7 115.1 27.0	3 11 5 (Z) 1	4 11 6 (Z) 1	2 (Z) 5 3 3
New Jersey	311 398 10 341 663 373 162 503 10 519	137 16 306 111 14	256 773 8 642 605 548 138 752 7 040	91 11 101 82 14	54 625 1 698 57 825 23 751 3 478	258 480 9 232 655 790 116 573 11 601	20.5 12.0 1.2 39.4 –9.3	2 10 1 3 20	1 12 1 2 30	8 (Z) 2 15 (Z)
Ohio	358 389 51 309 58 302 395 288 13 282	168 33 80 186 12	295 019 43 248 43 850 341 957 6 328	110 33 24 118 25	63 369 8 061 14 452 53 331 6 954	227 055 26 698 59 715 261 436 15 364	57.8 92.2 –2.4 51.2 –13.6	2 2 5 1 1	2 2 6 2 2	1 1 2 1 1
South Carolina South Dakota Tennessee Texas Utah	56 878 10 660 107 261 319 371 25 291	51 16 98 268 37	45 333 4 724 95 951 306 111 23 773	46 19 65 57 12	11 545 5 936 11 309 13 260 1 518	52 036 3 643 114 023 282 277 12 899	9.3 192.6 -5.9 13.1 96.1	2 10 7 3 25	3 2 7 3 26	(Z) 17 1 4 (Z)
Vermont Virginia Washington West Virginia Wisconsin Wyoming	4 134 194 080 115 391 51 051 117 595 5 616	3 77 67 17 98 *9	(D) 155 491 97 10 206 99 810 2 316	7 97 44 36 53 13	(D) 38 589 18 234 40 845 17 785 3 300	7 152 111 994 66 310 33 389 187 713 2 858	-42.2 73.3 74.0 52.9 -37.4 96.5	(Z) 2 2 (Z) 4 22	(D) 2 3 (Z) 4 23	(D) 4 1 (Z) 2 33

CONSTRUCTION-INDUSTRY SERIES

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

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

Primary and other kind of business activities	Dollar value of	business done	Relative standard error of estimate (percent)			
Primary and other kind of business activities	1992	1987	1992	1987		
All kinds of business	6 750 132	5 502 934	(Z)	1		
BUILDING CONSTRUCTION—GENERAL CONTRACTORS AND OPERATIVE BUILDERS						
General building contractor	49 724	91 847	1	3		
SPECIAL TRADE CONTRACTORS						
Elevator installation and service contractor	3 367 482 261 785 50 418 2 475 524 111 997 61 880	2 853 841 152 002 22 375 1 886 823 (NA) 66 530	(Z) (Z) 1 1 1 8 1	(Z) 1 3 2 (NA) 2		
Other construction activities	230 265	243 821	2	(NA)		
OTHER BUSINESS ACTIVITIES						
Manufacturing	41 433 96 378	16 385 119 977	12 3	9 (NA)		
Kind of business activity, n.s.k.	3 247	49 333	(Z)	3		

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 91,000 Payroll, construction workers do-Payroll, other employees do-	21.3 16.6 4.7 597.6 447.9 149.7	16.5 13.3 3.2 491.9 383.2 108.6	2 2 2 2 2 2 2
Dollar value of business done	1 735.6 1 699.9 456.9 123.1 29.9 18.4 185.4	1 457.0 1 419.1 378.6 92.7 20.3 13.0 113.1	2 2 2 2 2 3 2
AVERAGE PER EMPLOYEE			
Payroll, all employees \$1,000_ Dollar value of business done do_ Value added†† do_	28.1 81.7 54.4	29.9 88.5 59.9	(Z) (Z) (Z)
AVERAGE PER CONSTRUCTION WORKER			
Payroll, construction workers \$1,000_ Value of construction work do-	27.1 102.7	28.8 106.7	(Z) (Z)
AVERAGE PER OTHER EMPLOYEE			
Payroll, other employees	31.9	34.5	(Z)
AVERAGE PER DOLLAR VALUE OF CONSTRUCTION WORK			
Payroll, all employees Cost of materials, components, supplies, and fuels Cost of construction work subcontracted out to others Value of construction work subcontracted in from others Rental cost for machinery, equipment, and buildings	.352 .269 .072 .273 .018	.347 .267 .065 .278 .014	(Z) (Z) 1 1 1

25-14 INSTALLING BUILDING EQUIPMENT, N.E.C.

CONSTRUCTION-INDUSTRY SERIES

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

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

				Average per dollar value of construction work				
Location of establishment	Average number of employees** per estab- lishment	Payroll per employee (\$1,000)	Value of construction work per construction worker (\$1,000)	Payroll, all employees	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted out to others	Value of construction work sub- contracted in from others	Rental cost for machinery, equipment, and buildings
United States	21.3	28.1	102.7	.352	.269	.072	.273	.018
Alabama	22.5	22.6	65.1	.419	(D)	.037	.217	.022
	9.4	22.7	83.4	.372	(D)	(D)	.418	.014
	13.9	29.3	195.1	.213	(D)	(D)	.119	.007
	20.9	26.5	85.7	.362	(D)	.069	.136	.023
	23.0	31.8	109.1	.372	.266	.046	.305	.026
Colorado	17.3	29.7	91.6	.415	.316	.011	.373	.019
	21.2	26.3	93.1	.365	.175	.030	.356	.018
	11.1	30.0	(S)	(S)	(S)	(S)	(S)	(S)
	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	27.3	25.3	97.5	.331	.226	(D)	.216	.011
Georgia	20.5	22.7	91.6	.327	.345	.044	.290	.014
	48.5	21.8	92.4	.299	.283	.009	.331	.011
	19.2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	26.0	33.8	119.0	.370	.297	.058	.255	.017
	13.9	30.9	99.6	.396	.214	.088	.179	.020
lowa	12.4	24.8	98.0	.324	.221	.087	.150	.014
Kansas	17.6	28.2	87.2	.400	.224	(D)	.051	.015
Kentucky	21.4	26.1	100.9	.335	.317	.076	.328	.021
Louisiana	21.8	27.1	94.9	.392	.308	.077	.193	.020
Maine	17.8	15.1	42.4	.444	(D)	.030	.165	.012
Maryland	22.9	33.3	126.6	.331	.284	.046	.420	.010
	23.0	27.6	103.3	.344	.244	.030	.280	.016
	25.2	20.5	76.8	.331	.252	.104	.249	.020
	20.0	31.5	125.7	.327	.247	.046	.304	.016
	17.3	24.1	69.2	.418	(D)	.015	.196	.015
Missouri	11.5	32.1	107.2	.397	(D)	.047	.268	.020
	14.5	19.8	58.8	.391	.193	.008	*.469	.010
	16.5	20.7	86.3	.376	.268	.016	.504	.012
	16.8	32.7	187.0	.228	.398	.005	.291	.015
	17.3	24.9	107.8	.303	.272	.042	.520	.011
New Jersey	20.4	36.1	161.2	.313	.348	.089	.200	.015
	19.6	16.5	53.6	.368	.320	(D)	.537	.013
	22.2	36.7	122.5	.398	.239	.037	.262	.016
	19.6	23.0	91.1	.325	.307	.053	.299	.014
	13.7	11.3	49.1	.291	.319	.069	.208	.008
Ohio Oklahoma Oregon Pennsylvania Rhode Island	26.1	26.2	87.3	.373	.249	.049	.264	.017
	20.7	19.4	76.0	.304	.321	(D)	.209	.011
	9.5	26.6	84.2	.405	.210	.050	.188	.027
	32.2	30.1	110.6	.339	.184	.141	.256	.021
	8.6	34.0	104.4	.449	.133	.009	.158	.007
South Carolina	23.7	21.3	61.1	.444	(D)	.039	.243	.016
South Dakota	6.1	20.5	82.1	.366	.312	.050	.590	.015
Tennessee	21.8	23.1	92.2	.321	.321	.110	.180	.019
Texas	16.7	23.8	90.6	.340	.343	.034	.242	.016
Utah	7.9	22.5	118.1	.247	.419	.009	*.591	.029
Vermont	9.0 29.9 19.1 9.4 15.6 (D)	37.1 26.0 28.2 25.5 26.2 (D)	(D) 101.3 120.3 89.9 95.1 97.9	(D) .325 .303 .332 .366 (D)	(D) .276 .227 .449 .275 .350	(D) .053 .055 .007 .033	(D) .443 .409 .187 .409 (D)	(D) .024 .017 .009 .015 (D)

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.