

1992

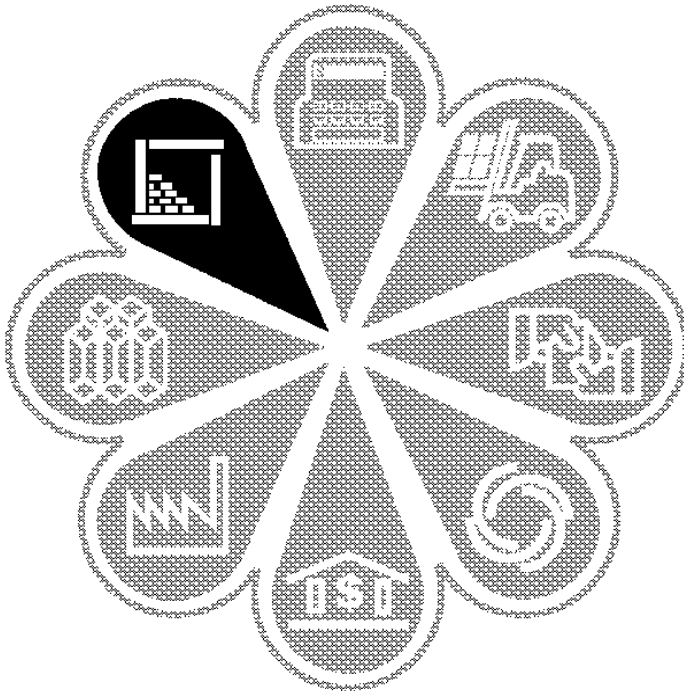
Census of Construction Industries

CC92-A-8

GEOGRAPHIC AREA SERIES

Mountain States

Arizona, Colorado, Idaho, Montana,
Nevada, New Mexico, Utah, Wyoming



Acknowledgments

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

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

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Mountain States

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Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

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

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

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

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

AUTHORITY AND SCOPE

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

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

IV INTRODUCTION

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 censuses will be published in the *History of the 1992 Economic Census*. Contact Customer Services for information on availability.

Census of Construction

GENERAL

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

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

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

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

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

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

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

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

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

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

SAMPLE DESIGN, ESTIMATION PROCEDURES, AND RELIABILITY OF ESTIMATES

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

Employer Companies

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

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

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

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

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

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

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

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

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

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

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

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

p_i is the selection probability of that firm.

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

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

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

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

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

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

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

Nonemployer Companies

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

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

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

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

CENSUS REPORT FORMS

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

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

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

DATA PROCESSING

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

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 construction-related expenses such as architectural and engineering costs and the costs of materials supplied by owners which are normally not reflected in the census of construction industries.

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

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

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

| Statistics | By State | By industry | By employment size | By size class of dollar value of business done | By CMSA, PMSA, and MSA ¹ |
|--|---------------|-------------|--------------------|--|-------------------------------------|
| Assets and depreciation (gross book value): | | | | | |
| Beginning of year—buildings, machinery, and equipment | 4 | | | | |
| End of year—total | 2, 4 | 2 | 6 | 7 | |
| End of year—buildings, machinery, and equipment | 4 | | | | |
| Depreciation charges during year—buildings, machinery, and equipment | 4 | | | | |
| Capital expenditures: | | | | | |
| Total capital expenditures | 2, 4 | 2 | 6 | 7 | 11 |
| New buildings—machinery and equipment | 4 | | | | |
| Used buildings—machinery and equipment | 4 | | | | |
| Communication services, costs for | 3 | | | | |
| Employees: | | | | | |
| All employees—average number | 1, 2, 3 | 2 | 6 | 7 | 11 |
| Construction workers—average number | 2, 3, 9 | 2, 9 | | | |
| Construction workers—quarterly | 3, 9 | 9 | | | |
| Other employees—average number | 3 | | | | |
| Other employees—quarterly | 3 | | | | |
| Establishments: | | | | | |
| Number in business during year: | | | | | |
| All | 1 | | | | |
| With payroll | 1, 2, 3, 5, 9 | 2, 9 | 6 | 7 | 11 |
| Without payroll | 1 | | | | |
| Fringe benefits—legally required and voluntary expenditures | 3 | | | | |
| Inventories | 5 | | | | |
| Materials, components, supplies, and fuels—costs for | 2, 3 | 2 | 6 | 7 | 11 |
| Ownership—private or government owned | 3 | | | | |
| Payroll: | | | | | |
| First-quarter, all employees | 3 | | | | |
| Annual: | | | | | |
| All employees | 2, 3 | 2 | 6 | 7 | 11 |
| Construction workers | 2, 3 | 2 | | | |
| Other employees | 3 | | | | |
| Power, fuels, and lubricants—costs for | 3 | | | | |
| Proprietors and working partners: | | | | | |
| All establishments | 1 | | | | |
| Establishments with payroll | 1, 3 | | | | |
| Establishments without payroll | 1 | | | | |
| Ratios, selected industry | 10 | 10 | | | |
| Receipts and value: | | | | | |
| Dollar value of business done: | | | | | |
| All establishments | 1 | | | | |
| Establishments with payroll | 1, 3 | | 6 | 7 | |
| Establishments without payroll | 1 | | | | |
| Value of construction work, total | 2, 3, 5, 8 | 2 | 6 | 7 | 11 |
| For work subcontracted in from others | 2, 3 | 2 | | | |
| Other business receipts | 3 | | | | |

See footnotes at end of table.

| Statistics | By State | By industry | By employment size | By size class of dollar value of business done | By CMSA, PMSA, and MSA ¹ |
|---|----------|-------------|--------------------|--|-------------------------------------|
| Receipts and value:—Con. | | | | | |
| Net value of construction work | 2, 3 | 2 | 6 | 7 | 11 |
| Value added | 2, 3 | 2 | 6 | 7 | 11 |
| Rental costs: | | | | | |
| Total | 2, 3 | 2 | 6 | 7 | |
| For machinery and equipment | 3 | | | | |
| For buildings | 3 | | | | |
| Repairs to buildings and other structures | 3 | | | | |
| Repairs to machinery and equipment | 3 | | | | |
| Subcontract work to others, costs for | 2, 3 | 2 | 6 | 7 | 11 |
| Type and class of construction ² | 8 | | | | |

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

¹CMSA—Consolidated metropolitan statistical area; PMSA—Primary metropolitan statistical area; MSA—Metropolitan statistical area.

²Type—buildings, roads, etc. Class—new construction; additions, alterations, or reconstruction; or maintenance and repair work.



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Arizona

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Statistics for Establishments With Payroll

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Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Arizona. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 22,568 establishments in this State operating in the construction industries. These establishments accounted for \$10.9 billion in total dollar value of business done.

Most of the 22,568 construction establishments were small. Of the total, 14,262 were nonemployers, and over half of the employer establishments had less than 5 employees. The 3,775 construction establishments with 5 employees or more, while representing only 17 percent of all establishments, accounted for more than 88 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$10.5 billion in total dollar value of business done. Of this amount, \$10.3 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$3.5 billion, leaving net value of construction work of \$6.8 billion. In addition, these establishments paid out \$3.2 billion for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$4.1 billion. (See Introduction and appendixes for explanation of terms.)

There were 8,306 establishments with total employment averaging 86,749 during the year. Total payroll for 1992 was \$1.9 billion.

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

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

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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 14,262 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$457 million. Most of these establishments, about 84 percent, were special trade contractors.

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

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

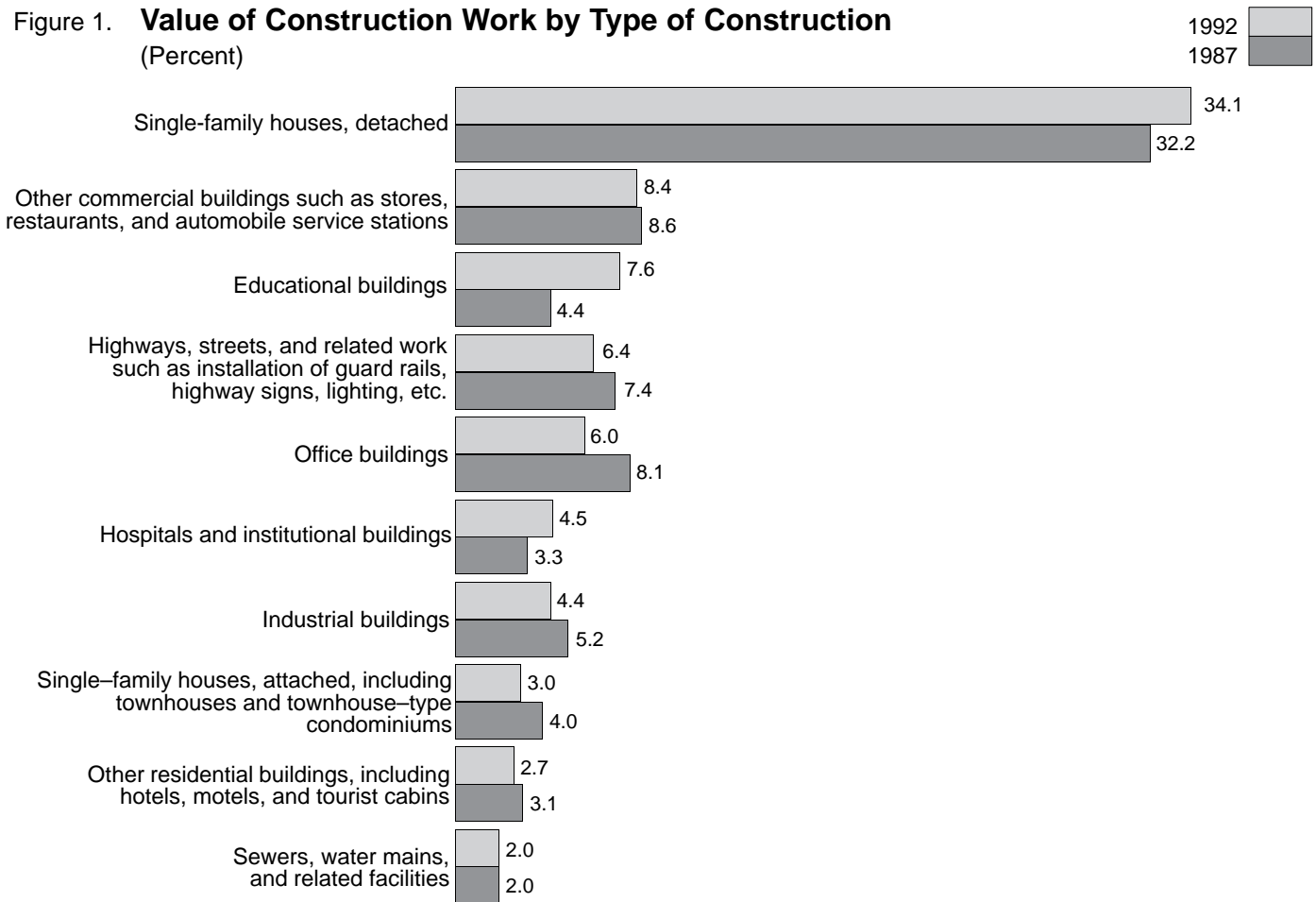


Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

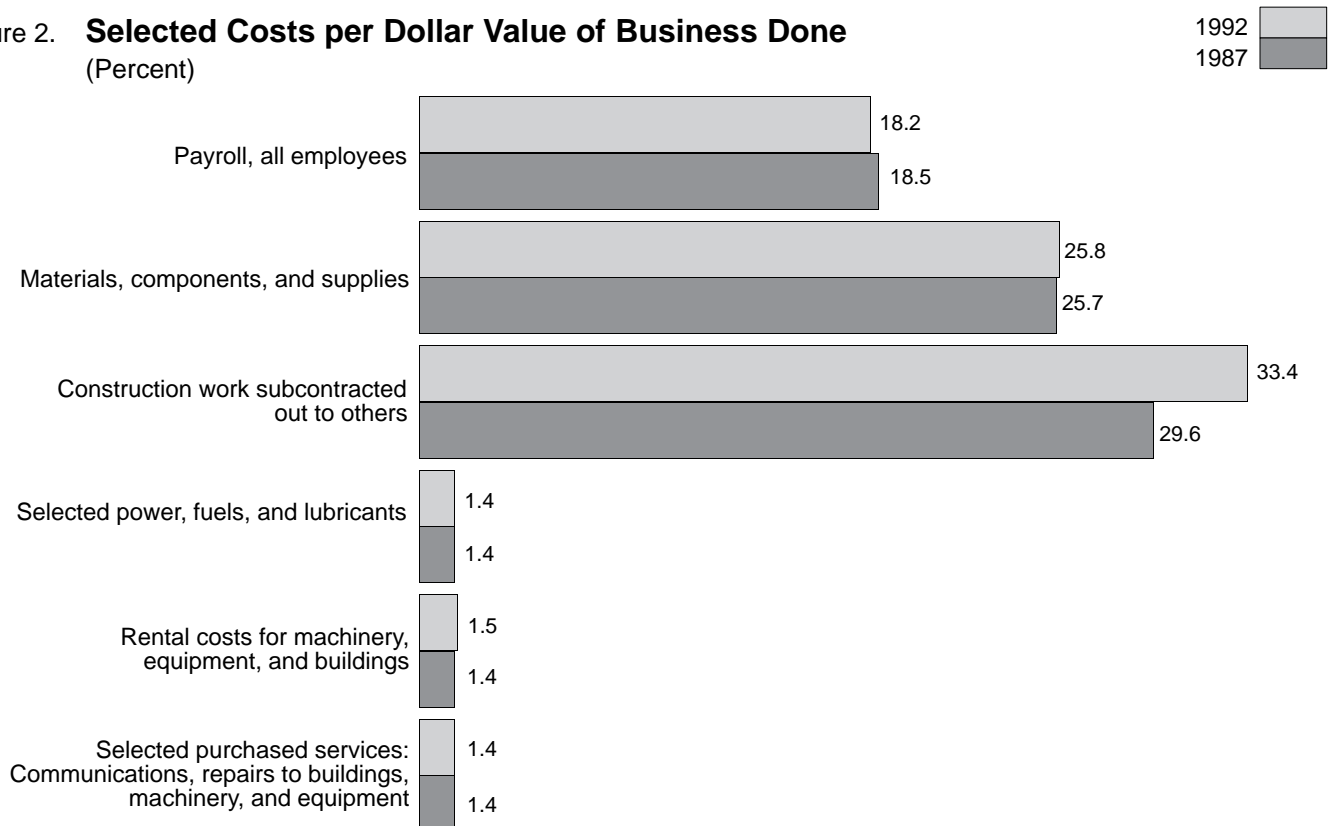


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|---|---|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | |
| | | A | B | C | D | E | F | G | H | I | J | K | | |
| 1992 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 22 568 | 17 137 | 86 749 | 10 929 101 | 14 262 | 13 798 | 456 728 | 8 306 | 3 339 | 86 749 | 10 472 373 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders ---- | 4 321 | 2 546 | 19 554 | 5 485 519 | 2 094 | 1 821 | 189 766 | 2 227 | 725 | 19 554 | 5 295 753 | 2 | 1 |
| 16 | Heavy construction other than building construction—contractors ----- | 672 | 341 | 10 283 | 1 254 483 | 234 | 224 | 6 928 | 438 | 117 | 10 283 | 1 247 555 | 2 | 2 |
| 17 | Special trade contractors ----- | 17 576 | 14 249 | 56 911 | 4 189 099 | 11 934 | 11 753 | 260 034 | 5 642 | 2 496 | 56 911 | 3 929 065 | 1 | 1 |
| 1711 | Plumbing, heating, and air-conditioning -- | 2 303 | 1 616 | 9 435 | 840 495 | 1 218 | 1 187 | 40 320 | 1 085 | 429 | 9 435 | 800 175 | 2 | 2 |
| 1731 | Electrical work ----- | 1 612 | 1 063 | 7 176 | 535 305 | 844 | 803 | 19 588 | 768 | 260 | 7 176 | 515 717 | 3 | 3 |
| 1987 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 25 730 | 18 460 | 97 854 | 11 918 255 | 16 827 | 16 480 | 1 154 733 | 8 903 | 1 980 | 97 854 | 10 763 522 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders ---- | 5 189 | 3 020 | 20 875 | 5 536 002 | 2 983 | 2 680 | 310 121 | 2 206 | 340 | 20 875 | 5 225 881 | 2 | 2 |
| 16 | Heavy construction other than building construction—contractors ----- | 743 | 288 | 13 037 | 1 412 576 | 249 | 242 | 19 646 | 494 | 46 | 13 037 | 1 392 930 | 2 | 2 |
| 17 | Special trade contractors ----- | 18 910 | 14 397 | 62 762 | 4 337 349 | 12 944 | 12 834 | 466 482 | 5 966 | 1 563 | 62 762 | 3 870 867 | 1 | 1 |
| 1711 | Plumbing, heating, and air-conditioning -- | 2 361 | 1 517 | 10 545 | 826 909 | 1 275 | 1 264 | 56 568 | 1 086 | 253 | 10 545 | 770 341 | 2 | 2 |
| 1731 | Electrical work ----- | 1 788 | 1 090 | 8 298 | 560 590 | 911 | 885 | 35 056 | 877 | 205 | 8 298 | 525 534 | 3 | 2 |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|-------------------|--|--------------------------|---------------|----------------------|------------------|----------------------|----------------------------|---------------------------------|------------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added‡ |
| | | | All | Construction workers | All employees | Construction workers | | | |
| A | B | C | D | E | F | G | H | | |
| 15, 16, 17 | Construction industries¹ | 8 306 | 86 749 | 66 453 | 1 904 417 | 1 306 317 | 10 323 979 | 6 822 623 | 4 122 386 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses | 1 393 | 7 131 | 5 057 | 112 523 | 71 934 | 823 932 | 498 838 | 280 868 |
| 1522 | Other residential buildings | 55 | 540 | 384 | 8 857 | 4 929 | 66 307 | 37 850 | 23 030 |
| 1531 | Operative builders | 244 | 2 769 | 712 | 87 470 | 15 623 | 1 426 598 | 618 733 | 445 166 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 80 | 1 301 | 903 | 34 221 | 22 037 | 232 124 | 94 011 | 44 988 |
| 1542 | Nonresidential buildings, n.e.c. | 454 | 7 812 | 4 966 | 243 044 | 139 475 | 2 692 216 | 953 863 | 677 252 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction | 148 | 4 407 | 3 506 | 122 025 | 84 767 | 641 021 | 498 799 | 283 205 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | 1 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines | 150 | 3 222 | 2 596 | 97 439 | 70 678 | 277 210 | 259 396 | 183 186 |
| 1629 | Heavy construction, n.e.c. | 139 | 2 624 | 2 023 | 69 622 | 48 886 | 312 993 | 262 012 | 154 627 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 1 085 | 9 435 | 7 210 | 213 561 | 153 237 | 789 707 | 742 960 | 397 358 |
| 1721 | Painting and paper hanging | 511 | 3 305 | 2 734 | 54 461 | 42 188 | 151 525 | 143 802 | 98 005 |
| 1731 | Electrical work | 768 | 7 176 | 5 595 | 152 113 | 108 208 | 509 294 | 486 802 | 255 321 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework | 342 | 2 779 | 2 498 | 49 455 | 42 157 | 151 336 | (D) | 87 748 |
| 1742 | Plastering, drywall, and insulation work | 430 | 7 908 | 6 983 | 150 872 | 124 199 | 387 576 | 369 049 | 225 553 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 159 | 724 | 590 | 11 781 | 9 430 | 37 797 | 35 504 | 21 393 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry | 489 | 6 561 | 5 638 | 127 529 | 102 891 | 483 709 | 459 780 | 221 374 |
| 1752 | Floor laying and other floor work | 151 | 872 | 678 | 18 693 | 12 847 | 76 920 | 72 460 | 36 583 |
| 1761 | Roofing, siding, and sheet metal work | 349 | 4 140 | 3 325 | 72 978 | 52 728 | 264 798 | 259 248 | 137 605 |
| 1771 | Concrete work | 421 | 5 472 | 4 547 | 105 657 | 81 055 | 364 087 | 345 660 | 193 148 |
| 1781 | Water well drilling | 45 | 349 | 288 | 10 325 | 8 614 | 40 362 | 39 203 | 25 333 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection | 77 | 1 357 | 1 081 | 29 709 | 19 813 | 108 683 | 96 420 | 48 331 |
| 1793 | Glass and glazing work | 112 | 529 | 360 | 11 677 | 7 221 | 44 188 | 43 915 | 21 614 |
| 1794 | Excavation work | 125 | 666 | 543 | 14 125 | 10 435 | 46 078 | 42 902 | 34 017 |
| 1795 | Wrecking and demolition work | * 20 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. | 32 | 444 | 313 | 13 007 | 10 399 | 61 072 | (D) | 28 774 |
| 1799 | Special trade contractors, n.e.c. | 524 | 4 923 | 3 694 | 88 711 | 59 305 | 319 238 | 253 729 | 188 067 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|--|--|--|--|--|--|---|---|---|---|---------------------------------|------------------------------------|---|
| 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 of 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†† | | | | |
| I | J | K | L | M | N | O | P | Q | B | G | M | |
| 2 848 631 | 3 501 356 | 3 104 673 | 161 474 | 123 711 | 998 778 | 97 854 | 9 973 925 | 4 213 191 | 1 | 1 | 3 | 15, 16, 17 15 |
| 233 835 15 241 | 325 094 28 456 | 45 399 *1 665 | 7 074 494 | 6 235 (S) | 47 539 1 775 | 5 418 1 278 | 597 031 381 213 | 218 421 64 659 | 4 10 | 5 17 | 16 (S) | 152 1521 1522 |
| 193 944 | 807 866 | 807 | 4 817 | 7 427 | 59 138 | 6 115 | 1 900 939 | 565 485 | 4 | 6 | 9 | 1531 |
| 52 614 290 933 | 138 112 1 738 353 | 32 663 47 255 | 4 407 21 536 | 2 299 9 957 | 16 371 118 609 | 1 087 6 977 | 185 471 1 642 403 | 55 587 465 505 | 7 3 | 9 2 | 28 4 | 154 1541 1542 |
| 222 005 | 142 222 | 112 819 | 28 556 | 14 021 | 155 220 | 5 632 | 745 440 | 356 455 | 3 | 2 | 6 | 1611 |
| (D) 80 278 (D) | (D) 17 814 50 981 | (D) 70 608 41 764 | (D) 14 045 17 797 | (D) 15 890 6 277 | (D) 72 130 65 134 | 1 214 2 812 3 379 | 130 042 232 527 240 070 | 48 277 138 571 141 678 | (D) 5 5 | (D) 3 4 | (D) 14 11 | 162 1622 1623 1629 |
| 356 070 | 46 748 | 546 459 | 14 846 | 9 364 | 79 154 | 10 545 | 757 758 | 386 705 | 2 | 2 | 10 | 1711 |
| 46 953 | 7 723 | 107 380 | 1 962 | 4 082 | 17 723 | 2 682 | 99 106 | 71 477 | 7 | 6 | 23 | 1721 |
| 237 904 | 22 492 | 338 241 | 6 674 | 6 157 | 49 525 | 8 298 | 520 045 | 288 185 | 3 | 3 | 11 | 1731 |
| 59 818 147 636 14 492 | (D) 18 527 *2 292 | 115 001 364 578 36 853 | 1 642 3 745 680 | (S) 6 147 678 | 15 767 36 361 3 744 | 3 921 10 340 1 083 | 191 993 496 921 46 945 | 113 906 299 752 28 549 | 5 3 9 | (D) 2 8 | (S) 11 32 | 174 1741 1742 1743 |
| 249 349 37 219 | 23 929 4 460 | 453 883 36 025 | 5 225 (S) | 6 092 (S) | 46 091 5 381 | 5 254 685 | 354 896 63 918 | 174 374 25 256 | 5 9 | 4 10 | 12 (S) | 175 1751 1752 |
| 121 966 | 5 549 | 152 416 | 3 590 | 3 730 | 33 868 | 4 596 | 261 650 | 148 528 | 4 | 4 | 15 | 1761 |
| 164 747 | 18 427 | 288 545 | 8 728 | 5 886 | 61 336 | 6 984 | 449 490 | 236 607 | 5 | 4 | 13 | 1771 |
| 14 804 | 1 159 | 3 183 | 826 | (D) | 24 984 | 312 | 23 387 | 12 659 | 8 | 3 | (D) | 1781 |
| 51 171 24 648 9 213 (D) (D) (D) | 12 264 273 3 176 (D) (D) (D) | 81 669 26 512 34 896 (D) (D) 7 253 145 407 | (S) 872 1 534 (D) (D) 455 6 665 | 2 137 *184 2 979 (D) (D) 481 7 653 | 18 422 2 385 20 781 (D) (S) 3 179 42 269 | 1 237 877 708 (S) (S) 519 4 470 | 84 388 65 345 65 335 (S) (S) 44 057 255 929 | 58 860 30 053 50 980 (S) (S) 24 848 156 018 | 7 13 16 (D) (D) 5 9 | 6 13 11 36 (D) 7 | 18 47 28 (D) (Z) 20 | 179 1791 1793 1794 1795 1796 1799 |

CONSTRUCTION—GEOGRAPHIC AREA SERIES

ARIZONA AZ-7

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|------------|------------|-----------|-----------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 8 306 | 8 903 | 6 803 | 5 285 | 1 | 1 | 2 | 3 |
| Proprietors and working partners..... | 3 339 | 1 980 | 2 001 | 2 652 | 3 | 5 | 5 | 6 |
| All employees** | 86 749 | 97 854 | 64 689 | 52 868 | 1 | 1 | 1 | 1 |
| Construction workers: | | | | | | | | |
| March..... | 60 322 | 72 052 | 48 488 | 37 098 | 1 | 1 | 2 | 2 |
| May..... | 66 550 | 76 217 | 50 722 | 41 253 | 1 | 1 | 2 | 2 |
| August..... | 71 052 | 79 828 | 51 002 | 45 621 | 1 | 1 | 2 | 2 |
| November..... | 67 887 | 73 329 | 49 513 | 45 631 | 1 | 1 | 2 | 2 |
| Average..... | 66 453 | 75 357 | 50 662 | 42 435 | 1 | 1 | 2 | 2 |
| Other employees: | | | | | | | | |
| March..... | 20 041 | 22 416 | 13 838 | 9 773 | 1 | 1 | 1 | 2 |
| May..... | 20 118 | 22 654 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| August..... | 20 429 | 22 734 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| November..... | 20 596 | 22 197 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| Average..... | 20 296 | 22 500 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| Payroll, all employees | 1 904 417 | 1 986 031 | 1 045 778 | 648 253 | 1 | 1 | 1 | 1 |
| Payroll, construction workers | 1 306 317 | 1 365 645 | 758 760 | 493 901 | 1 | 1 | 1 | 1 |
| Payroll, other employees | 598 099 | 620 386 | 287 017 | 154 352 | 1 | 1 | 1 | 2 |
| First-quarter payroll, all employees | 413 845 | 456 877 | 245 249 | 136 919 | 1 | 1 | 1 | 1 |
| Fringe benefits, all employees | 405 831 | 378 140 | 190 563 | 133 705 | 1 | 1 | 1 | 1 |
| Legally required expenditures..... | 287 467 | 273 437 | 141 042 | 80 329 | 1 | 1 | 1 | 1 |
| Voluntary expenditures..... | 118 364 | 104 703 | 49 521 | 53 377 | 1 | 1 | 1 | 1 |
| Dollar value of business done | 10 472 373 | 10 763 522 | 5 413 396 | 3 258 743 | 1 | 1 | 1 | 1 |
| Value of construction work | 10 323 979 | 9 973 925 | 5 002 050 | 3 060 011 | 1 | 1 | 1 | 1 |
| Value of construction work subcontracted in from others | 3 104 673 | 2 922 742 | 1 432 878 | 917 602 | 2 | 2 | 1 | (Z) |
| Other business receipts | 148 394 | 337 702 | 265 757 | 198 732 | 3 | 3 | 1 | 4 |
| Net value of construction† | 6 822 623 | 6 792 209 | 3 580 366 | 2 157 553 | 1 | 1 | 1 | 1 |
| Value added†† | 4 122 386 | 4 213 191 | 2 213 619 | 1 292 615 | 1 | 1 | 1 | 1 |
| Selected costs | 6 349 987 | 6 098 437 | 3 054 189 | 1 842 930 | 1 | 1 | 1 | 1 |
| Materials, components, and supplies | 2 705 631 | 2 767 021 | 1 539 050 | 885 882 | 1 | 1 | 1 | 1 |
| Construction work subcontracted out to others | 3 501 356 | 3 181 716 | 1 421 684 | 902 458 | 1 | 2 | 1 | 2 |
| Selected power, fuels, and lubricants..... | 143 000 | 149 699 | 93 455 | 54 590 | 2 | 1 | 2 | 2 |
| Electricity..... | 23 227 | 28 844 | 13 197 | 12 545 | 3 | 1 | 2 | 2 |
| Natural gas..... | 4 030 | 4 004 | 2 261 | 5 124 | 5 | 3 | 4 | 11 |
| Gasoline and diesel fuel | 108 135 | 107 578 | 71 449 | 32 077 | 2 | 1 | 2 | 1 |
| On highway use..... | 81 342 | 82 919 | (NA) | (NA) | 2 | 1 | (NA) | (NA) |
| Off highway use..... | 26 793 | 24 659 | (NA) | (NA) | 3 | 2 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 7 609 | 9 271 | 6 547 | 4 846 | 6 | 3 | 3 | 4 |
| Rental cost for machinery, equipment, and buildings | 161 474 | 152 075 | 70 500 | 41 793 | 3 | 2 | 3 | 1 |
| For machinery and equipment | 118 585 | 96 618 | 49 276 | 35 516 | 4 | 2 | 4 | 1 |
| For buildings..... | 42 889 | 55 456 | 21 224 | 6 277 | 3 | 2 | 3 | 4 |
| Selected purchased services | 150 155 | 145 860 | 88 429 | 50 429 | 3 | 1 | 2 | 2 |
| Communication services | 45 747 | 37 418 | 20 681 | 11 947 | 3 | 2 | 2 | 3 |
| Repairs to buildings and other structures | 9 047 | 8 728 | 4 775 | 4 253 | 8 | 4 | 4 | 14 |
| Repairs to machinery and equipment | 95 361 | 99 714 | 62 972 | 34 229 | 3 | 1 | 2 | 2 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 10 323 979 | 9 973 925 | 5 002 050 | 3 060 011 | 1 | 1 | 1 | 1 |
| Government owned | 2 675 276 | 1 909 345 | 867 848 | 554 000 | 3 | 2 | 3 | 1 |
| Federal | 684 746 | 446 310 | (NA) | (NA) | 5 | 4 | (NA) | (NA) |
| State and local | 1 990 530 | 1 463 035 | (NA) | (NA) | 3 | 3 | (NA) | (NA) |
| Privately owned | 7 648 703 | 8 064 580 | 4 134 201 | 2 506 011 | 1 | 1 | 1 | 1 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|---------|-----------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 967 221 | 1 106 356 | 2 | 2 |
| Capital expenditures, other than land | 123 711 | 145 696 | 3 | 2 |
| New | 89 345 | 105 511 | 3 | 3 |
| Used | 34 366 | 40 185 | 5 | 4 |
| Retirements and disposition of depreciable assets | 92 154 | 63 745 | 2 | 5 |
| End-of-year gross book value of depreciable assets | 998 778 | 1 188 307 | 2 | 2 |
| Depreciation charges during year | 120 744 | 145 521 | 3 | 2 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | 166 764 | 214 360 | 5 | 5 |
| Capital expenditures, other than land | 11 470 | 37 434 | 7 | 6 |
| New buildings and other structures | 9 586 | 30 587 | 8 | 7 |
| Used buildings and other structures | 1 884 | 6 847 | 17 | 14 |
| Retirements and disposition of depreciable assets | (S) | 9 352 | (S) | 19 |
| End-of-year gross book value of depreciable assets | 148 814 | 242 442 | 5 | 5 |
| Depreciation charges during year | 18 241 | 25 923 | 3 | 6 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 800 457 | 891 885 | 2 | 2 |
| Capital expenditures, other than land | 112 241 | 108 262 | 3 | 2 |
| New machinery and equipment, including automobiles and trucks | 79 759 | 74 924 | 3 | 3 |
| New automobiles and trucks, intended primarily for highway use | 32 288 | 33 693 | 6 | 4 |
| Used machinery and equipment, including automobiles and trucks | 32 482 | 33 337 | 5 | 4 |
| Retirements and disposition of depreciable assets | 62 734 | 54 392 | 3 | 5 |
| End-of-year gross book value of depreciable assets | 849 965 | 945 865 | 2 | 2 |
| Depreciation charges during year | 102 504 | 119 598 | 3 | 2 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|--|-----------------------------|---|
| All establishments: | | |
| Number | 8 306 | 1 |
| Value of construction work | 10 323 979 | 1 |
| Establishments with inventories: | | |
| Number | 2 769 | 2 |
| Value of construction work | 5 042 945 | 1 |
| Inventories¹: | | |
| End of 1992, materials and supplies | 146 042 | 3 |
| End of 1991, materials and supplies | 92 705 | 4 |
| Establishments with no inventories: | | |
| Number | 2 743 | 3 |
| Value of construction work | 3 652 413 | 2 |
| Establishments not reporting: | | |
| Number | 2 794 | 3 |
| Value of construction work | 1 628 622 | 2 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|------------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 8 306 | 4 530 | 1 824 | 1 038 | 631 | 180 | 79 | 15 | 7 | 1 |
| All employees** | 86 749 | 9 002 | 11 485 | 13 795 | 18 565 | 12 042 | 11 681 | 4 804 | 5 376 | (D) |
| Payroll, all employees | 1 904 417 | 138 033 | 201 665 | 285 609 | 408 896 | 289 262 | 281 116 | 118 726 | 181 110 | (D) |
| Dollar value of business done | 10 472 373 | 829 055 | 927 187 | 1 391 819 | 2 156 294 | 1 495 878 | 1 409 832 | 626 825 | 1 635 483 | (D) |
| Value of construction work | 10 323 979 | 817 705 | 911 834 | 1 374 545 | 2 126 965 | 1 461 270 | 1 385 437 | 611 824 | 1 634 400 | (D) |
| Net value of construction work† | 6 822 623 | 633 136 | 697 667 | 994 344 | 1 449 913 | 958 848 | 974 077 | 438 603 | 676 034 | (D) |
| Value added†† | 4 122 386 | 361 785 | 399 548 | 576 951 | 820 462 | 556 876 | 546 692 | 303 476 | 556 595 | (D) |
| Cost of materials, components, supplies, and fuels | 2 848 631 | 282 700 | 313 472 | 434 667 | 658 781 | 436 580 | 451 780 | 150 128 | 120 522 | (D) |
| Cost of construction work subcontracted out to others | 3 501 356 | 184 569 | 214 167 | 380 200 | 677 051 | 502 422 | 411 360 | 173 221 | 958 366 | (D) |
| Rental cost for machinery, equipment, and buildings | 161 474 | 10 719 | 13 639 | 21 505 | 34 782 | 26 950 | 17 392 | 20 041 | 16 445 | (D) |
| Capital expenditures, other than land | 123 711 | 12 750 | 13 092 | 15 463 | 23 329 | 19 715 | 17 878 | 5 183 | 16 301 | (D) |
| End-of-year gross book value of depreciable assets | 998 778 | 88 240 | 97 508 | 121 465 | 212 550 | 131 907 | 134 225 | 70 613 | 142 271 | (D) |
| 1987 | | | | | | | | | | |
| All employees** | 97 854 | (S) | 12 996 | 16 137 | 23 709 | 13 029 | 12 949 | 6 316 | 3 584 | (D) |
| Value of construction work | 9 973 925 | (S) | 1 123 882 | 1 365 422 | 2 576 361 | 1 382 862 | 1 369 469 | 1 307 285 | (D) | (D) |
| Value added†† | 4 213 191 | (S) | 488 871 | 585 579 | 1 010 864 | 610 712 | 600 641 | 335 844 | 217 432 | (D) |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 1 | 4 | 5 | 5 | 3 | 1 | 3 | (Z) | (Z) | (D) |
| Net value of construction work† | 1 | 5 | 5 | 5 | 2 | 1 | 1 | (Z) | (Z) | (D) |
| Capital expenditures, other than land | 3 | 14 | 13 | 10 | 4 | 9 | 4 | (Z) | (Z) | (D) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|------------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 8 306 | (S) | (S) | 972 | 2 106 | 1 590 | 1 176 | 819 | 318 | 150 | 143 |
| All employees** | 86 749 | (S) | (S) | 1 514 | 6 787 | 9 281 | 11 285 | 15 417 | 11 871 | 8 957 | 20 543 |
| Payroll, all employees | 1 904 417 | (S) | (S) | 17 169 | 92 392 | 151 333 | 200 979 | 322 651 | 257 992 | 216 150 | 635 820 |
| Dollar value of business done | 10 472 373 | (S) | (S) | 71 145 | 348 605 | 557 164 | 1 118 943 | 1 252 757 | 1 118 061 | 1 032 632 | 5 244 403 |
| Value of construction work | 10 323 979 | (S) | (S) | 70 176 | 343 688 | 546 549 | 809 134 | 1 233 651 | 1 100 581 | 1 017 753 | 5 175 027 |
| Net value of construction work† | 6 822 623 | (S) | (S) | 64 000 | 314 777 | 471 541 | 665 488 | 1 002 131 | 875 124 | 739 227 | 2 665 775 |
| Value added†† | 4 122 386 | (S) | (S) | 38 067 | 189 224 | 270 785 | 380 594 | 578 675 | 483 305 | 396 325 | 1 770 884 |
| Cost of materials, components, supplies, and fuels | 2 848 631 | (S) | (S) | 26 902 | 130 469 | 211 371 | 295 703 | 442 562 | 409 298 | 357 782 | 964 267 |
| Cost of construction work subcontracted out to others | 3 501 356 | (S) | (S) | 6 176 | (S) | 75 008 | 143 646 | 231 520 | 225 457 | 278 525 | 2 509 252 |
| Rental cost for machinery, equipment, and buildings | 161 474 | (S) | (S) | (S) | 5 627 | 8 729 | 12 308 | 28 762 | 23 506 | 17 760 | 63 684 |
| Capital expenditures, other than land | 123 711 | (S) | (S) | (S) | (S) | 10 702 | 12 182 | 16 923 | 18 943 | 12 944 | 42 612 |
| End-of-year gross book value of depreciable assets | 998 778 | (S) | (S) | (S) | (S) | 62 021 | 98 567 | 160 216 | 120 774 | 96 467 | 392 613 |
| 1987 | | | | | | | | | | | |
| All employees** | 97 854 | (S) | (S) | (S) | (S) | (S) | 12 226 | 19 298 | 14 789 | 9 429 | 20 851 |
| Value of construction work | 9 973 925 | (S) | (S) | (S) | (S) | (S) | 738 468 | 1 515 530 | 1 463 902 | 1 126 716 | 4 126 518 |
| Value added†† | 4 213 191 | (S) | (S) | (S) | (S) | (S) | 381 350 | 718 312 | 652 894 | 483 544 | 1 432 417 |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 1 | (S) | (S) | 9 | 6 | 6 | 5 | 4 | 4 | 2 | (Z) |
| Net value of construction work† | 1 | (S) | (S) | 7 | 5 | 6 | 5 | 4 | 3 | 2 | 1 |
| Capital expenditures, other than land | 3 | (S) | (S) | (S) | (S) | 14 | 14 | 8 | 11 | 1 | 1 |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 8. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

| Type of construction | Value of construction work | | | | Relative standard error of estimate (percent) for column— | | | |
|--|----------------------------|------------------|---|------------------------|---|----------|----------|----------|
| | Total | New construction | Additions, alterations, or reconstruction | Maintenance and repair | A | B | C | D |
| | A | B | C | D | A | B | C | D |
| 1992 | | | | | | | | |
| Value of construction work | 10 323 979 | 7 842 213 | 1 524 023 | 701 041 | 1 | 1 | 3 | 2 |
| Building construction | 8 156 504 | 6 452 694 | 1 248 298 | 455 512 | 1 | 1 | 3 | 3 |
| Single-family houses | 3 830 720 | 3 312 123 | 345 635 | 172 962 | 2 | 2 | 6 | 6 |
| Single-family houses, detached | 3 518 627 | 3 066 021 | 303 909 | 148 696 | 2 | 2 | 6 | 6 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 312 093 | 246 101 | 41 726 | 24 266 | 3 | 3 | 11 | 12 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 164 680 | 105 962 | 35 615 | 23 103 | 5 | 7 | 5 | 10 |
| Other residential buildings, including hotels, motels, and tourist cabins | 275 831 | 247 121 | 16 795 | 11 915 | 2 | 2 | 12 | 18 |
| Office buildings | 614 852 | 379 301 | 185 026 | 50 525 | 3 | 3 | 6 | 7 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 868 885 | 607 794 | 190 274 | 70 817 | 4 | 5 | 6 | 7 |
| Industrial buildings and warehouses | 641 126 | 431 719 | 146 095 | 63 312 | 2 | 3 | 3 | 6 |
| Industrial buildings | 456 242 | 280 159 | 125 440 | 50 643 | 3 | 4 | 3 | 6 |
| Warehouses | 184 883 | 151 560 | 20 655 | 12 669 | 3 | 3 | 6 | 20 |
| Religious buildings | 81 933 | 52 720 | 23 146 | 6 068 | 19 | 20 | 31 | 24 |
| Educational buildings | 788 688 | 595 729 | 162 471 | 30 487 | 3 | 2 | 8 | 5 |
| Hospitals and institutional buildings | 465 407 | 359 448 | 93 092 | 12 867 | 5 | 1 | 23 | 6 |
| Amusement, social, and recreational buildings, indoors | 191 514 | 177 706 | 10 043 | 3 765 | 3 | 3 | 26 | 21 |
| Other nonresidential buildings | 232 869 | 183 072 | 40 106 | 9 691 | 4 | 3 | 21 | 6 |
| Nonbuilding construction | 1 910 773 | 1 389 518 | 275 725 | 245 529 | 2 | 3 | 2 | 3 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 663 323 | 439 067 | 101 389 | 122 867 | 2 | 2 | 2 | 3 |
| Outdoor swimming pools | 151 803 | 130 311 | 13 937 | 7 555 | 24 | 28 | 8 | 26 |
| Airport runways and related work | 83 155 | 74 548 | 6 656 | 1 950 | 5 | 4 | 32 | 24 |
| Private driveways and parking areas | 56 764 | (D) | (D) | 23 378 | 9 | (D) | (D) | 7 |
| Recreational facilities | 73 506 | 64 112 | 4 563 | *4 830 | 8 | 7 | 2 | 62 |
| Conservation and development construction | 59 600 | 51 695 | 2 996 | 4 910 | 6 | 6 | 20 | 10 |
| Power and communication transmission lines, towers, and related facilities | 77 913 | 49 482 | 13 986 | 14 445 | 5 | 7 | 6 | 6 |
| Sewers, water mains, and related facilities | 204 717 | 163 290 | 17 295 | 24 131 | 4 | 4 | 9 | 9 |
| Sewers, sewer lines, septic systems, and related facilities | 84 090 | 71 245 | 5 356 | 7 489 | 7 | 7 | 16 | 17 |
| Water mains and related facilities | 120 627 | 92 045 | 11 939 | 16 642 | 4 | 4 | 9 | 11 |
| Pipeline construction other than sewer or water lines | 118 248 | (D) | (D) | 1 276 | 5 | (D) | (D) | 20 |
| Sewage treatment and water treatment plants | 134 555 | 99 292 | 27 049 | 8 215 | 6 | 6 | 4 | 21 |
| Other nonbuilding construction | 287 189 | 219 287 | 35 931 | 31 972 | 4 | 4 | 7 | 11 |
| Construction work, n.s.k. | 256 702 | (NA) | (NA) | (NA) | 7 | (NA) | (NA) | (NA) |
| 1987 | | | | | | | | |
| Value of construction work | 9 973 925 | 7 790 710 | 1 215 602 | 572 412 | 1 | 1 | 2 | 3 |
| Building construction | 7 785 004 | 6 444 677 | 952 997 | 358 437 | 1 | 1 | 3 | 5 |
| Single-family houses | 3 610 881 | 3 254 189 | 228 649 | 128 042 | 2 | 2 | 6 | 5 |
| Single-family houses, detached | 3 209 770 | 2 882 678 | 212 238 | 114 853 | 2 | 2 | 7 | 6 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 401 111 | 371 511 | 16 411 | 13 189 | 5 | 6 | 7 | 15 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 502 541 | 451 011 | 28 835 | 22 694 | 3 | 4 | 9 | 8 |
| Other residential buildings, including hotels, motels, and tourist cabins | 314 062 | 255 711 | 36 370 | 21 980 | 2 | 2 | 13 | 9 |
| Office buildings | 807 625 | 609 074 | 163 645 | 34 905 | 2 | 2 | 5 | 4 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 860 426 | 632 271 | 161 604 | 66 550 | 3 | 3 | 6 | 11 |
| Industrial buildings and warehouses | 643 837 | 490 410 | 118 512 | 34 913 | 4 | 5 | 4 | 6 |
| Industrial buildings | 521 790 | 393 894 | 100 792 | 27 103 | 5 | 7 | 4 | 7 |
| Warehouses | 122 047 | 96 516 | 17 720 | 7 810 | 5 | 5 | 16 | 10 |
| Religious buildings | 86 120 | 63 178 | 17 202 | 5 739 | 11 | 15 | 10 | 8 |
| Educational buildings | 435 485 | 332 187 | 88 473 | 14 824 | 5 | 5 | 12 | 5 |
| Hospitals and institutional buildings | 325 446 | 227 784 | 86 047 | 11 614 | 4 | 3 | 10 | 6 |
| Amusement, social, and recreational buildings, indoors | 79 780 | 67 283 | 7 375 | 5 121 | 2 | 2 | 6 | 12 |
| Other nonresidential buildings | 118 797 | 84 268 | 16 281 | 18 245 | (NA) | (NA) | (NA) | (NA) |
| Nonbuilding construction | 1 793 689 | 1 323 337 | 262 602 | 207 749 | 1 | 2 | 2 | 4 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 733 225 | 447 550 | 172 918 | 112 756 | 2 | 3 | 2 | 7 |
| Outdoor swimming pools | 130 562 | 111 470 | 8 110 | 10 981 | 8 | 8 | 9 | 15 |
| Private driveways and parking areas | 60 785 | 38 443 | 8 994 | 13 347 | 6 | 7 | 3 | 12 |
| Recreational facilities | 62 524 | 53 037 | 4 781 | 4 705 | 15 | 16 | 6 | 32 |
| Conservation and development construction | 42 883 | 37 792 | 3 348 | 1 742 | 7 | 7 | 21 | 11 |
| Power and communication transmission lines, towers, and related facilities | 69 825 | 60 575 | 5 081 | 4 167 | 4 | 4 | 1 | 21 |
| Sewers, water mains, and related facilities | 197 506 | 168 294 | 12 346 | 16 865 | 3 | 3 | 7 | 9 |
| Sewers, sewer lines, septic systems, and related facilities | 91 810 | 78 077 | 8 098 | 5 634 | 5 | 4 | 8 | 22 |
| Water mains and related facilities | 105 696 | 90 217 | 4 248 | 11 231 | 3 | 3 | 5 | 6 |
| Pipeline construction other than sewer or water lines | 36 511 | 24 468 | 6 361 | 5 682 | 2 | (Z) | 11 | (Z) |
| Sewage treatment and water treatment plants | 28 122 | 19 773 | *7 290 | 1 058 | 15 | 2 | 56 | (Z) |
| Other nonbuilding construction | 431 746 | 372 765 | 40 930 | 36 446 | (NA) | (NA) | (NA) | (NA) |
| Construction work, n.s.k. | 395 201 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F | |
| | | | | A | B | C | D | E | F | A | B | C | D | E |
| 15, 16, 17 | Construction industries ----- | 8 306 | 66 453 | 60 322 | 66 550 | 71 052 | 67 887 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 1 393 | 5 057 | 4 708 | 5 048 | 5 451 | 5 021 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1522 | Other residential buildings ----- | 55 | 384 | 417 | 434 | 367 | 318 | 29 | 12 | 12 | 12 | 12 | 12 | 12 |
| 1531 | Operative builders ----- | 244 | 712 | 642 | 739 | 754 | 712 | 11 | 8 | 8 | 9 | 8 | 9 | 9 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 80 | 903 | 768 | 901 | 1 021 | 921 | 17 | 8 | 8 | 9 | 8 | 8 | 8 |
| 1542 | Nonresidential buildings, n.e.c. --- | 454 | 4 966 | 4 514 | 4 793 | 5 490 | 5 065 | 8 | 4 | 4 | 5 | 4 | 4 | 4 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 148 | 3 506 | 2 841 | 3 792 | 3 835 | 3 555 | 12 | 3 | 3 | 3 | 4 | 3 | 3 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 1 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines ---- | 150 | 2 596 | 1 877 | 2 544 | 3 066 | 2 896 | 11 | 5 | 5 | 5 | 5 | 5 | 4 |
| 1629 | Heavy construction, n.e.c. ----- | 139 | 2 023 | 2 043 | 2 387 | 2 101 | 1 561 | 11 | 5 | 4 | 7 | 5 | 5 | 5 |
| 17 | Special trade contractors: | | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 1 085 | 7 210 | 6 792 | 7 079 | 7 636 | 7 332 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1721 | Painting and paper hanging ----- | 511 | 2 734 | 2 156 | 2 769 | 3 108 | 2 904 | 5 | 7 | 7 | 7 | 8 | 8 | 8 |
| 1731 | Electrical work ----- | 768 | 5 595 | 5 189 | 5 357 | 5 811 | 6 024 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 342 | 2 498 | 2 395 | 2 521 | 2 536 | 2 539 | 6 | 5 | 4 | 6 | 5 | 6 | 6 |
| 1742 | Plastering, drywall, and insulation work ----- | 430 | 6 983 | 6 720 | 6 934 | 7 168 | 7 112 | 6 | 3 | 3 | 3 | 2 | 3 | 3 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 159 | 590 | 605 | 594 | 622 | 538 | 11 | 10 | 13 | 10 | 13 | 8 | 8 |
| 175 | Carpentry and floor work: | | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 489 | 5 638 | 4 768 | 5 338 | 6 010 | 6 439 | 6 | 5 | 5 | 5 | 5 | 6 | 6 |
| 1752 | Floor laying and other floor work -- | 151 | 678 | 644 | 657 | 694 | 718 | 8 | 8 | 9 | 9 | 9 | 8 | 8 |
| 1761 | Roofing, siding, and sheet metal work ----- | 349 | 3 325 | 3 111 | 3 415 | 3 419 | 3 356 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1771 | Concrete work ----- | 421 | 4 547 | 4 251 | 4 618 | 4 867 | 4 454 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1781 | Water well drilling ----- | 45 | 288 | 277 | 309 | 302 | 263 | 10 | 8 | 8 | 8 | 8 | 9 | 9 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 77 | 1 081 | 1 071 | 1 075 | 1 180 | 998 | 15 | 7 | 7 | 7 | 7 | 8 | 8 |
| 1793 | Glass and glazing work ----- | 112 | 360 | 292 | 339 | 401 | 408 | 13 | 14 | 11 | 13 | 18 | 16 | 16 |
| 1794 | Excavation work ----- | 125 | 543 | 505 | 542 | 555 | 570 | 15 | 17 | 16 | 18 | 15 | 21 | 21 |
| 1795 | Wrecking and demolition work ---- | *20 | (D) | (D) | (D) | (D) | (D) | 43 | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 32 | 313 | 299 | 300 | 317 | 334 | 23 | 7 | 8 | 5 | 7 | 7 | 7 |
| 1799 | Special trade contractors, n.e.c. --- | 524 | 3 694 | 3 200 | 3 870 | 4 114 | 3 594 | 8 | 11 | 8 | 10 | 11 | 13 | 13 |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees** per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|---|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 10.4 | 22.0 | 155.4 | .184 | .276 | .339 | .301 | .016 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 5.1 | 15.8 | 162.9 | .137 | .284 | .395 | .055 | .009 |
| 1522 | Other residential buildings ----- | 9.8 | 16.4 | 172.7 | .134 | .230 | .429 | *.025 | .007 |
| 1531 | Operative builders ----- | 11.3 | 31.6 | 2 003.7 | .061 | .136 | .566 | .001 | .003 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 16.2 | 26.3 | 257.1 | .147 | .227 | .595 | .141 | .019 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 17.2 | 31.1 | 542.1 | .090 | .108 | .646 | .018 | .008 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 29.8 | 27.7 | 182.8 | .190 | .346 | .222 | .176 | .045 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines ----- | 21.5 | 30.2 | 106.8 | .351 | .290 | .064 | .255 | .051 |
| 1629 | Heavy construction, n.e.c. ----- | 18.9 | 26.5 | 154.7 | .222 | (D) | .163 | .133 | .057 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 8.7 | 22.6 | 109.5 | .270 | .451 | .059 | .692 | .019 |
| 1721 | Painting and paper hanging ----- | 6.5 | 16.5 | 55.4 | .359 | .310 | .051 | .709 | .013 |
| 1731 | Electrical work ----- | 9.3 | 21.2 | 91.0 | .299 | .467 | .044 | .664 | .013 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 8.1 | 17.8 | 60.6 | .327 | .395 | (D) | .760 | .011 |
| 1742 | Plastering, drywall, and insulation work ----- | 18.4 | 19.1 | 55.5 | .389 | .381 | .048 | .941 | .010 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 4.5 | 16.3 | 64.1 | .312 | .383 | *.061 | (S) | .018 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 13.4 | 19.4 | 85.8 | .264 | .515 | .049 | .938 | .011 |
| 1752 | Floor laying and other floor work ----- | 5.8 | 21.4 | 113.5 | .243 | .484 | .058 | .468 | (S) |
| 1761 | Roofing, siding, and sheet metal work ----- | 11.8 | 17.6 | 79.6 | .276 | .461 | .021 | .576 | .014 |
| 1771 | Concrete work ----- | 13.0 | 19.3 | 80.1 | .290 | .452 | .051 | .793 | .024 |
| 1781 | Water well drilling ----- | 7.8 | 29.6 | 140.1 | .256 | .367 | .029 | .079 | .020 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | 17.7 | 21.9 | 100.5 | .273 | .471 | .113 | .751 | (S) |
| 1793 | Glass and glazing work ----- | 4.7 | 22.1 | 122.7 | .264 | .558 | .006 | .600 | .020 |
| 1794 | Excavation work ----- | 5.3 | 21.2 | 84.9 | .307 | .200 | .069 | .757 | .033 |
| 1795 | Wrecking and demolition work ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 13.9 | 29.3 | 195.1 | .213 | (D) | (D) | .119 | .007 |
| 1799 | Special trade contractors, n.e.c. ----- | 9.4 | 18.0 | 86.4 | .278 | .285 | .205 | .455 | .021 |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

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

| SIC code | Geographic area and industry | Number of establishments | All employees** | Payroll, all employees | Value of construction work | Net value of construction work† | Value added†† | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Capital expenditures, other than land | Relative standard error of estimate (percent) for column— | |
|-----------------------------|--|--------------------------|-----------------|------------------------|----------------------------|---------------------------------|------------------|--|--|---------------------------------------|---|----------|
| | | | | | | | | | | | A | B |
| PHOENIX—MESA, AZ MSA | | | | | | | | | | | | |
| 15,16,17 | Construction industries | 4 906 | 60 139 | 1 384 878 | 7 634 431 | 4 873 332 | 2 893 556 | 2 060 685 | 2 761 099 | 84 556 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | |
| 1521 | Single-family houses | (S) 3 768 | 64 649 | 452 190 | 268 049 | 158 984 | 113 736 | 184 141 | 2 728 | 6 | 5 | |
| 1522 | Other residential buildings | (S) 299 | (D) | 45 194 | (D) | 20 053 | 9 727 | (D) | (D) | 17 | (D) | |
| 1531 | Operative builders | 137 | 2 031 | 66 801 | 1 166 845 | 473 808 | 342 098 | 144 070 | 693 037 | 5 834 | 4 | 8 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 38 | 804 | 22 265 | 162 897 | 64 246 | 32 995 | 33 155 | 98 651 | (D) | 8 | 8 |
| 1542 | Nonresidential buildings, n.e.c. | 310 | 5 354 | 176 437 | 2 019 219 | 622 473 | 382 281 | 244 829 | 1 396 746 | 4 908 | 4 | 3 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | |
| 1611 | Highway and street construction | 80 | 3 014 | 87 694 | 489 669 | 373 624 | 209 743 | 167 528 | 116 045 | 8 387 | 3 | 2 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | 1 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines | 95 | 2 710 | 84 190 | 230 549 | 215 819 | 153 582 | 65 617 | 14 729 | 14 597 | 6 | 4 |
| 1629 | Heavy construction, n.e.c. | (S) 1 656 | 42 934 | 179 298 | 150 050 | 94 311 | 56 409 | 29 248 | 3 166 | 5 | 6 | |
| 17 | Special trade contractors: | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 655 | 6 408 | 151 642 | 570 013 | 533 764 | 286 269 | 255 708 | 36 249 | 6 619 | 3 | 3 |
| 1721 | Painting and paper hanging | 325 | 2 354 | 40 495 | 113 720 | 107 312 | 71 862 | 36 538 | *6 408 | 3 055 | 9 | 8 |
| 1731 | Electrical work | 485 | 5 103 | 112 380 | 372 227 | 353 398 | 182 505 | 176 638 | 18 829 | 4 168 | 3 | 2 |
| 174 | Masonry, stone work, tile setting, and plastering: | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stone work | 207 | 1 848 | 34 684 | 105 615 | 101 868 | 62 575 | 39 693 | 3 747 | (S) | 6 | 5 |
| 1742 | Plastering, drywall, and insulation work | 224 | 5 617 | 110 723 | 288 964 | 273 650 | 163 143 | 112 987 | 15 314 | 4 219 | 3 | 2 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 116 | 549 | 9 447 | 31 325 | 29 063 | 17 413 | 11 722 | *2 262 | 560 | 11 | 9 |
| 175 | Carpentry and floor work: | | | | | | | | | | | |
| 1751 | Carpentry | 309 | 4 809 | 99 166 | 381 462 | 362 113 | 172 947 | 190 451 | 19 349 | 4 485 | 6 | 4 |
| 1752 | Floor laying and other floor work | 109 | 684 | 15 650 | 63 418 | 59 752 | 29 882 | 30 206 | *3 667 | (S) 10 | 12 | |
| 1761 | Roofing, siding, and sheet metal work | 214 | 2 926 | 51 796 | 196 653 | 192 299 | 102 668 | 89 871 | 4 354 | 2 677 | 4 | 4 |
| 1771 | Concrete work | 258 | 3 574 | 69 521 | 247 324 | 235 189 | 124 818 | 111 857 | 12 135 | 3 817 | 6 | 5 |
| 1781 | Water well drilling | 19 | (D) | 8 942 | (D) | 34 341 | 22 153 | 12 196 | (D) | (D) | (D) | (Z) |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | |
| 1791 | Structural steel erection | 61 | 1 155 | 25 259 | 91 328 | 79 833 | 38 796 | 43 530 | 11 496 | 1 909 | 8 | 7 |
| 1793 | Glass and glazing work | 83 | 377 | 8 429 | 30 589 | 30 474 | (D) 16 098 | *115 | (S) 19 | 19 | | |
| 1794 | Excavation work | 59 | 370 | 8 713 | 26 876 | (D) 20 214 | (D) 5 397 | (D) 2 207 | (D) 27 | (D) 27 | | |
| 1795 | Wrecking and demolition work | *19 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 76 | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. | 26 | 385 | 12 048 | 58 433 | (D) 27 000 | (D) 18 084 | (D) 18 084 | (D) 18 084 | (D) 18 084 | (D) 6 | (D) 6 |
| 1799 | Special trade contractors, n.e.c. | 352 | 3 773 | 70 171 | 260 253 | 199 252 | 151 566 | 70 050 | *61 001 | 4 907 | 11 | 8 |
| TUCSON, AZ MSA | | | | | | | | | | | | |
| 15,16,17 | Construction industries | 1 377 | 15 722 | 324 667 | 1 674 030 | 1 190 464 | 783 248 | 438 735 | 483 565 | 23 672 | 2 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | |
| 1521 | Single-family houses | 243 | 1 214 | 17 676 | 138 032 | 78 286 | 42 586 | 38 141 | 59 746 | (S) | 14 | 15 |
| 1522 | Other residential buildings | 6 | 236 | 2 408 | (D) | (D) | 2 783 | 5 263 | (D) | (D) | 10 | (D) |
| 1531 | Operative builders | 33 | 289 | 7 984 | 113 398 | 68 457 | 43 147 | 29 792 | 44 942 | (D) | 15 | 5 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 19 | 211 | 5 455 | 31 190 | 14 958 | *6 430 | 8 583 | 16 233 | 131 | 23 | 30 |
| 1542 | Nonresidential buildings, n.e.c. | 90 | 1 909 | 55 409 | 594 477 | 298 559 | (D) 26 843 | 295 917 | 295 917 | (D) 5 | 5 | 2 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | |
| 1611 | Highway and street construction | 25 | 771 | 19 298 | 91 076 | 75 027 | 41 972 | 33 169 | 16 049 | 3 393 | 7 | 6 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | — | — | — | — | — | — | — | — | — | — | — |
| 1623 | Water, sewer, and utility lines | 17 | 284 | 7 408 | 25 056 | 23 124 | 15 678 | (S) 28 049 | 1 932 | (D) | 5 | 4 |
| 1629 | Heavy construction, n.e.c. | 12 | 486 | 14 313 | 63 840 | (D) | 28 049 | 26 252 | (D) | 1 815 | 4 | (D) |

AZ—14 ARIZONA

CONSTRUCTION—GEOGRAPHIC AREA SERIES

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992—Con.

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

| SIC code | Geographic area and industry | Number of establishments | All employees** | Payroll, all employees | Value of construction work | Net value of construction work† | Value added‡† | Cost of materials, components, supplies, and fuels | Cost of construction work subcontracted out to others | Capital expenditures, other than land | Relative standard error of estimate (percent) for column— | |
|-----------------|--|--------------------------|-----------------|------------------------|----------------------------|---------------------------------|---------------|--|---|---------------------------------------|---|-----|
| | | | | | | | | | | | A | B |
| | TUCSON, AZ MSA—Con. | | | | | | | | | | | |
| 15,16,17 | Construction industries—Con. | | | | | | | | | | | |
| | Special trade contractors: | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning----- | 175 | 1 650 | 36 675 | 123 585 | 116 838 | 62 944 | 54 975 | 6 746 | 1 313 | 4 | 4 |
| 1721 | Painting and paper hanging----- | 84 | 585 | 8 932 | 21 909 | 20 820 | 14 710 | 6 169 | *1 090 | (S) | 16 | 12 |
| 1731 | Electrical work----- | 126 | 1 242 | 25 998 | 82 522 | 79 660 | 45 270 | 34 779 | (S) | (S) | 7 | 6 |
| 174 | Masonry, stone work, tile setting, and plastering: | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stone work----- | 58 | 537 | 9 258 | (D) | (D) | 15 144 | 11 664 | (D) | (D) | 9 | (D) |
| 1742 | Plastering, drywall, and insulation work----- | 67 | 1 474 | 25 753 | 57 974 | 56 686 | 38 310 | 19 178 | (S) | 389 | 7 | 4 |
| 1743 | Terrazzo, tile, marble, and mosaic work----- | (S) | 133 | 1 716 | (D) | (D) | 2 312 | 1 665 | (D) | (S) | 15 | (D) |
| 175 | Carpentry and floor work: | | | | | | | | | | | |
| 1751 | Carpentry----- | 83 | 1 247 | 21 301 | 74 553 | 72 670 | 35 227 | 47 034 | 1 883 | (S) | 9 | 8 |
| 1752 | Floor laying and other floor work--- | 20 | 94 | 1 344 | 5 026 | 4 840 | 3 156 | 1 741 | 186 | 57 | 10 | 4 |
| 1761 | Roofing, siding, and sheet metal work----- | 83 | 805 | 14 378 | 44 662 | 43 839 | 23 256 | 20 661 | (S) | (S) | 15 | 16 |
| 1771 | Concrete work----- | 75 | 1 198 | 23 969 | 68 273 | 63 894 | 37 784 | 32 731 | 4 379 | 1 317 | 5 | 5 |
| 1781 | Water well drilling----- | (S) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | |
| 1791 | Structural steel erection----- | 13 | (D) | (D) | 16 658 | 15 890 | (D) | (D) | 768 | (D) | (D) | 2 |
| 1793 | Glass and glazing work----- | 14 | 111 | 2 629 | 10 363 | 10 212 | 3 863 | 6 431 | *151 | 67 | 9 | 6 |
| 1794 | Excavation work----- | (S) | 215 | 4 283 | 13 113 | 11 583 | 9 108 | 2 605 | 1 529 | 585 | 13 | 16 |
| 1795 | Wrecking and demolition work----- | 1 | (D) | (D) | (D) | (D) | (D) | (D) | - | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c.-- | (S) | 58 | 959 | 2 639 | 2 622 | 1 774 | (D) | 17 | (D) | (Z) | (Z) |
| 1799 | Special trade contractors, n.e.c.--- | 77 | 748 | 12 712 | 42 303 | 38 675 | 26 737 | 13 912 | *3 629 | 2 347 | 17 | 16 |

Contents

Colorado

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Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Colorado. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 33,075 establishments in this State operating in the construction industries. These establishments accounted for \$11.4 billion in total dollar value of business done.

Most of the 33,075 construction establishments were small. Of the total, 23,371 were nonemployers, and over half of the employer establishments had less than 5 employees. The 3,772 construction establishments with 5 employees or more, while representing only 11 percent of all establishments, accounted for more than 82 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$10.7 billion in total dollar value of business done. Of this amount, \$10.6 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$3.1 billion, leaving net value of construction work of \$7.4 billion. In addition, these establishments paid out \$3.6 billion for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$4.3 billion. (See Introduction and appendixes for explanation of terms.)

There were 9,704 establishments with total employment averaging 83,784 during the year. Total payroll for 1992 was \$2.0 billion.

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

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

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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 23,371 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$726 million. Most of these establishments, about 82 percent, were special trade contractors.

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

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

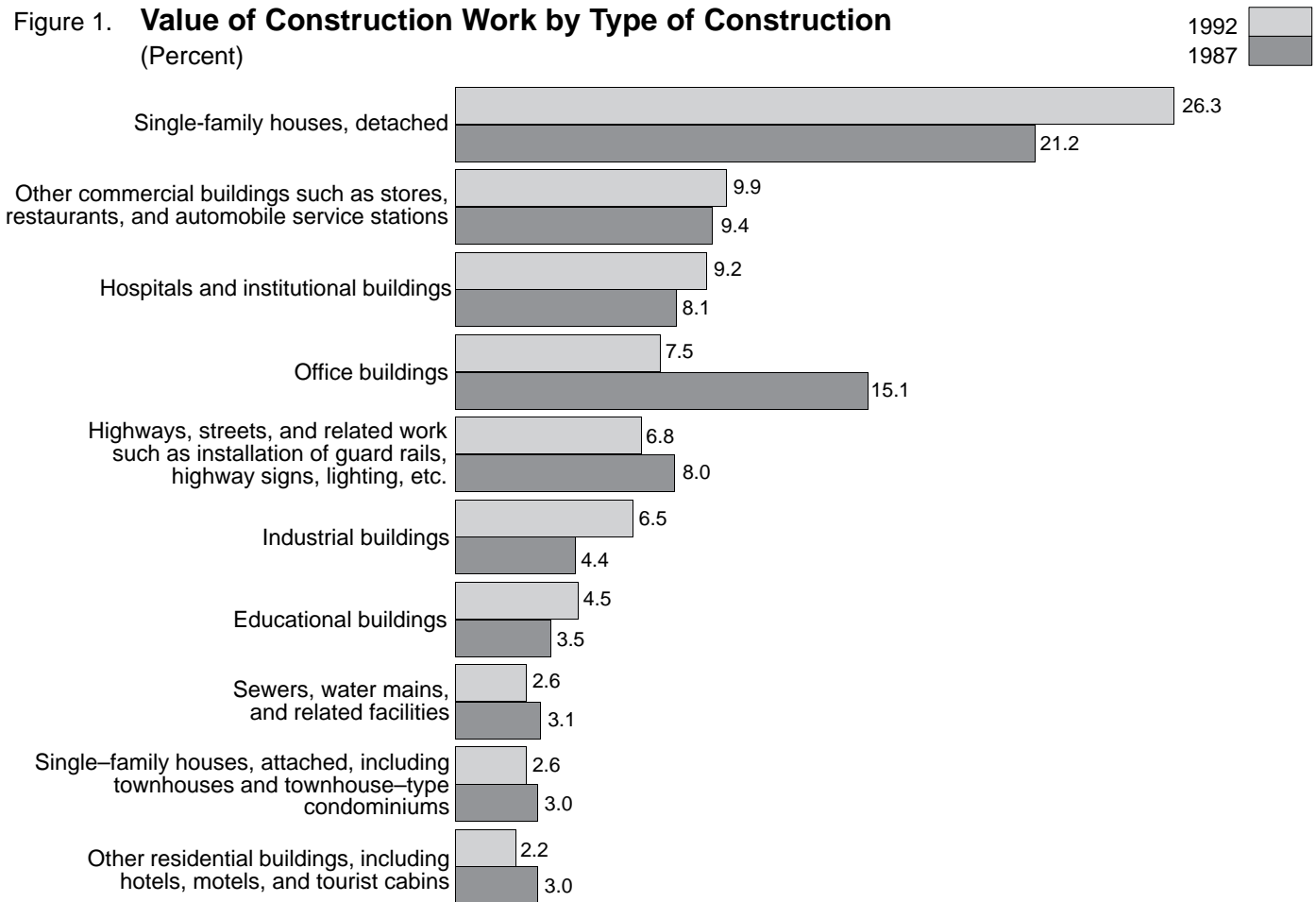


Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

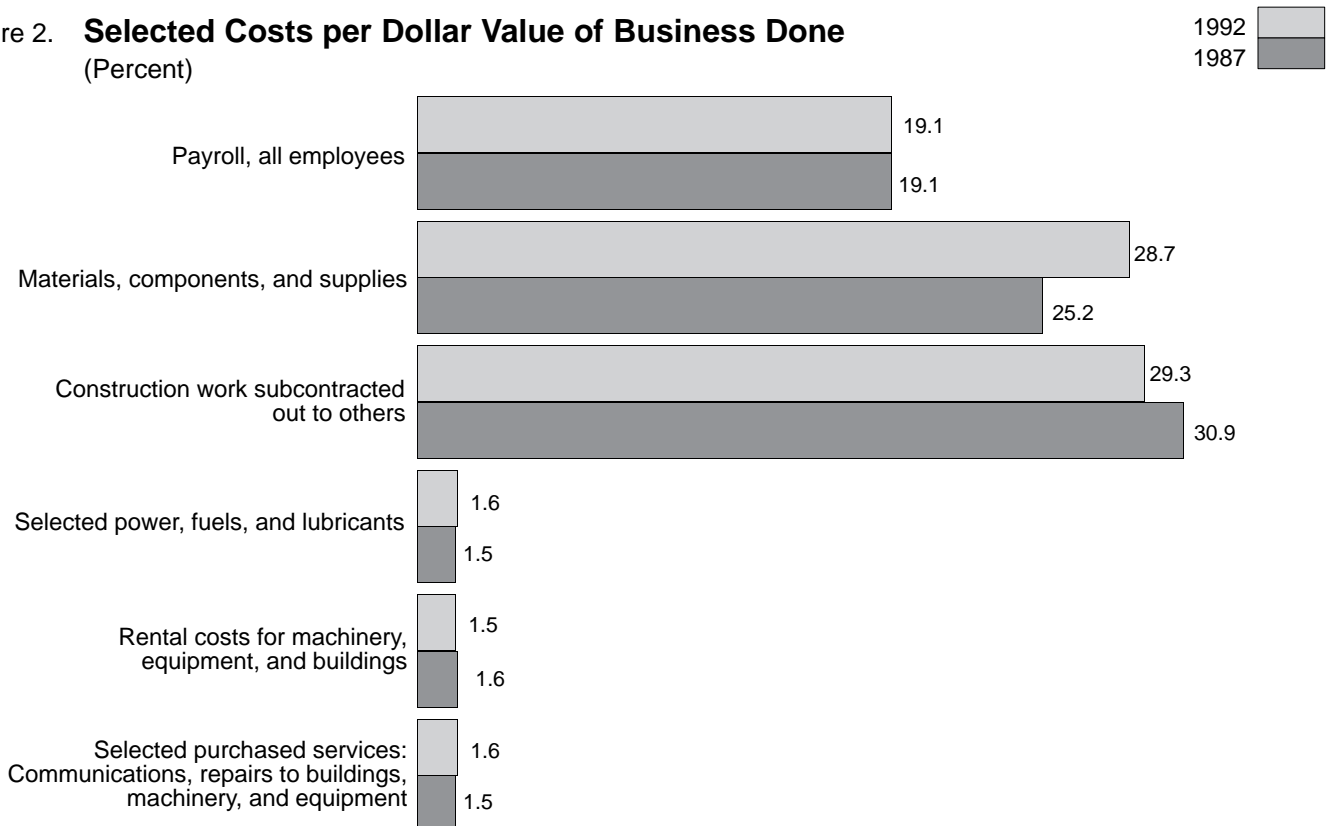


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— | | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|---|---|--|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | | |
| | | A | B | C | D | E | F | G | H | I | J | K | J | K | |
| 1992 | | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 33 075 | 25 985 | 83 784 | 11 441 614 | 23 371 | 22 773 | 726 230 | 9 704 | 3 212 | 83 784 | 10 715 384 | 1 | 1 | |
| 15 | Building construction—General contractors and operative builders ---- | 6 503 | 4 305 | 19 046 | 5 207 583 | 3 898 | 3 531 | 277 378 | 2 605 | 774 | 19 046 | 4 930 205 | 2 | 2 | |
| 16 | Heavy construction other than building construction—contractors ----- | 1 092 | 574 | 14 468 | 1 959 791 | 394 | 394 | 12 358 | 698 | 180 | 14 468 | 1 947 433 | 2 | 1 | |
| 17 | Special trade contractors ----- | 25 480 | 21 105 | 50 271 | 4 274 240 | 19 079 | 18 848 | 436 494 | 6 401 | 2 257 | 50 271 | 3 837 746 | 1 | 1 | |
| 1711 | Plumbing, heating, and air-conditioning -- | 2 483 | 1 581 | 9 931 | 967 901 | 1 251 | 1 212 | 42 986 | 1 232 | 369 | 9 931 | 924 915 | 2 | 2 | |
| 1731 | Electrical work ----- | 1 826 | 1 079 | 9 195 | 751 717 | 928 | 894 | 23 999 | 898 | (S) | 9 195 | 727 718 | 2 | 2 | |
| 1987 | | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 34 989 | 27 719 | 79 961 | 9 810 596 | 26 032 | 25 454 | 1 224 130 | 8 957 | 2 265 | 79 961 | 8 586 466 | 1 | 1 | |
| 15 | Building construction—General contractors and operative builders ---- | 7 575 | 5 316 | 19 581 | 4 491 964 | 5 316 | 4 842 | 413 442 | 2 259 | 474 | 19 581 | 4 078 522 | 2 | 2 | |
| 16 | Heavy construction other than building construction—contractors ----- | 1 106 | 582 | 15 293 | 1 588 961 | 433 | 406 | 23 819 | 673 | 176 | 15 293 | 1 565 142 | 2 | 1 | |
| 17 | Special trade contractors ----- | 25 452 | 21 020 | 44 217 | 3 265 080 | 19 600 | 19 435 | 520 620 | 5 852 | 1 585 | 44 217 | 2 744 460 | 1 | 1 | |
| 1711 | Plumbing, heating, and air-conditioning -- | 2 667 | 1 722 | 10 225 | 700 122 | 1 437 | 1 401 | 55 369 | 1 230 | 321 | 10 225 | 644 753 | 2 | 2 | |
| 1731 | Electrical work ----- | 1 946 | 1 177 | 8 173 | 607 050 | 1 057 | 1 031 | 35 016 | 889 | 146 | 8 173 | 572 034 | 2 | 1 | |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|-------------------|--|--------------------------|---------------|----------------------|------------------|----------------------|----------------------------|---------------------------------|------------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added‡ |
| | | | All | Construction workers | All employees | Construction workers | | | |
| | | | A | B | C | D | | | |
| 15, 16, 17 | Construction industries¹ | 9 704 | 83 784 | 65 441 | 2 045 952 | 1 475 890 | 10 554 643 | 7 414 061 | 4 323 209 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses | 1 651 | 6 721 | 4 793 | 123 045 | 79 323 | 819 920 | 523 517 | 274 249 |
| 1522 | Other residential buildings | 85 | 729 | 494 | 17 481 | 9 519 | 96 312 | 48 320 | 28 676 |
| 1531 | Operative builders | 251 | 1 685 | 490 | 53 257 | 10 982 | 1 139 481 | 621 545 | 376 942 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 99 | 859 | 584 | 24 946 | 15 007 | 137 253 | 67 790 | 37 960 |
| 1542 | Nonresidential buildings, n.e.c. | 520 | 9 052 | 6 479 | 271 982 | 171 984 | 2 667 086 | 1 131 482 | 615 673 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction | 143 | 4 746 | 3 767 | 140 667 | 100 755 | 750 785 | 591 121 | 369 867 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | 10 | 358 | 291 | 11 614 | 9 185 | 73 587 | 46 677 | 23 603 |
| 1623 | Water, sewer, and utility lines | 212 | 3 782 | 3 145 | 98 554 | 76 659 | 401 745 | 346 314 | 232 961 |
| 1629 | Heavy construction, n.e.c. | 332 | 5 582 | 4 627 | 158 516 | 128 275 | 671 582 | 545 111 | 324 313 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 1 232 | 9 931 | 7 457 | 258 526 | 189 184 | 910 429 | 808 840 | 443 663 |
| 1721 | Painting and paper hanging | 647 | 3 048 | 2 657 | 51 009 | 42 501 | 143 507 | 133 201 | 88 968 |
| 1731 | Electrical work | 898 | 9 195 | 7 332 | 238 684 | 185 049 | 722 211 | 697 404 | 398 410 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework | 306 | 2 475 | 2 165 | 50 857 | 41 994 | 145 995 | 142 615 | 88 554 |
| 1742 | Plastering, drywall, and insulation work | 345 | 4 236 | 3 657 | 88 350 | 69 527 | 238 147 | 226 037 | 141 767 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 75 | 413 | 327 | 10 102 | 7 832 | 36 252 | 33 048 | 15 830 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry | 730 | 3 232 | 2 749 | 60 659 | 47 046 | 249 533 | 197 512 | 115 661 |
| 1752 | Floor laying and other floor work | 182 | 1 079 | 844 | 24 080 | 16 736 | 100 406 | 83 993 | 46 990 |
| 1761 | Roofing, siding, and sheet metal work | 444 | 3 996 | 3 232 | 82 501 | 61 299 | 324 468 | 303 114 | 154 924 |
| 1771 | Concrete work | 618 | 5 223 | 4 481 | 104 744 | 81 914 | 374 771 | 351 242 | 200 671 |
| 1781 | Water well drilling | 57 | 289 | 212 | 6 262 | 4 544 | 24 836 | 24 482 | 14 222 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection | 69 | 1 302 | 1 087 | 36 505 | 28 147 | 112 709 | 97 203 | 67 538 |
| 1793 | Glass and glazing work | 71 | 626 | 451 | 15 654 | 10 922 | 46 982 | 46 231 | 23 211 |
| 1794 | Excavation work | 304 | 1 572 | 1 298 | 35 760 | 28 087 | 124 330 | 114 942 | 84 800 |
| 1795 | Wrecking and demolition work | 5 | 63 | 47 | 1 359 | 1 024 | 6 618 | 6 238 | 4 655 |
| 1796 | Installing building equipment, n.e.c. | 45 | 777 | 607 | 23 082 | 18 583 | 55 614 | 54 976 | 37 480 |
| 1799 | Special trade contractors, n.e.c. | 372 | 2 812 | 2 168 | 57 756 | 39 813 | 180 084 | 171 105 | 111 621 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|--|--|--|--|---------------------------------------|--|-----------------|----------------------------|---------------|---|-----|-----|------------|
| 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 of 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†† | | | | |
| I | J | K | L | M | N | O | P | Q | B | G | M | |
| 3 251 593 | 3 140 582 | 3 038 884 | 164 655 | 188 740 | 1 232 264 | 79 961 | 8 276 694 | 3 506 543 | 1 | 1 | 4 | 15, 16, 17 |
| 260 105 | 296 403 | 34 392 | 11 856 | 7 707 | 49 076 | 4 711 | 492 042 | 173 665 | 4 | 6 | 15 | 152 |
| 22 811 | 47 992 | *3 134 | 692 | 1 076 | 3 446 | 987 | 251 154 | 52 584 | 14 | 13 | 19 | 1522 |
| 276 918 | 517 936 | 864 | 2 574 | 4 269 | 24 286 | 3 394 | 866 181 | 322 709 | 7 | 6 | 19 | 1531 |
| 31 494 | 69 463 | 10 395 | 2 304 | 1 333 | *15 767 | 1 125 | 143 897 | 49 684 | 6 | 10 | 15 | 154 |
| 537 978 | 1 535 604 | 52 461 | 17 666 | 23 051 | 99 861 | 9 364 | 2 166 885 | 546 277 | 3 | 2 | 3 | 1542 |
| | | | | | | | | | | | | 16 |
| 242 846 | 159 663 | 108 887 | 29 939 | 37 962 | 256 278 | 5 704 | 649 841 | 334 029 | 3 | 3 | 13 | 1611 |
| (D) | 26 910 | 12 742 | 937 | 651 | 14 770 | 693 | 108 254 | 20 984 | (Z) | (Z) | 7 | 162 |
| 121 481 | 55 432 | 69 665 | 19 853 | 13 597 | 131 684 | 3 928 | 301 407 | 172 548 | 5 | 4 | 11 | 1622 |
| 240 536 | 126 471 | 123 211 | 16 744 | 17 640 | 116 366 | 4 968 | 463 802 | 260 700 | 3 | 2 | 20 | 1623 |
| | | | | | | | | | | | | 17 |
| 379 663 | 101 589 | 606 648 | 15 147 | 12 408 | 96 237 | 10 225 | 634 449 | 302 483 | 2 | 2 | 17 | 1711 |
| 44 356 | 10 305 | 88 721 | 1 473 | 3 288 | 14 598 | 2 323 | 100 452 | 69 868 | 5 | 5 | 20 | 1721 |
| 304 501 | 24 807 | 466 795 | 9 468 | 11 283 | 73 415 | 8 173 | 566 983 | 343 119 | 2 | 2 | 10 | 1731 |
| 54 276 | 3 381 | 157 990 | 3 500 | 6 442 | 26 514 | 2 005 | 99 086 | 63 318 | 4 | 5 | 21 | 174 |
| 84 848 | 12 111 | 229 150 | 2 965 | 2 676 | 17 263 | 3 718 | 191 263 | 113 376 | 5 | 5 | 18 | 1742 |
| 17 792 | *3 204 | 19 219 | 257 | 179 | 2 132 | 200 | 14 605 | 8 385 | 13 | 12 | 34 | 1743 |
| 84 283 | 52 021 | 188 949 | 2 399 | (S) | 27 589 | 2 195 | 155 316 | 66 603 | 6 | 8 | (S) | 175 |
| 38 733 | *16 413 | 87 009 | 1 437 | 1 569 | 8 841 | 614 | 53 022 | 24 450 | 6 | 8 | 16 | 1752 |
| 148 346 | 21 353 | 215 231 | 2 706 | 4 857 | 29 843 | 3 552 | 210 124 | 114 338 | 5 | 4 | 8 | 1761 |
| 154 154 | 23 529 | 214 405 | 4 747 | 8 870 | 70 345 | 4 116 | 216 616 | 133 900 | 5 | 5 | 14 | 1771 |
| 10 764 | 354 | (D) | 294 | 1 241 | 15 312 | 262 | 16 441 | 9 099 | 11 | 10 | 5 | 1781 |
| 31 888 | 15 506 | 81 290 | 2 804 | 1 378 | 11 696 | 1 186 | 92 963 | 52 324 | 17 | 14 | 25 | 1791 |
| 27 406 | 750 | 34 379 | 1 258 | 787 | 6 484 | 630 | 40 592 | 23 637 | 8 | 7 | 38 | 1793 |
| 31 144 | 9 387 | 97 868 | 5 361 | 11 923 | 62 385 | 1 580 | 95 200 | 69 386 | 11 | 9 | 19 | 1794 |
| (D) | 380 | (D) | *790 | *213 | *4 910 | 177 | 6 222 | 5 295 | (Z) | (Z) | 65 | 1795 |
| 17 570 | 638 | 20 771 | 1 061 | 582 | 4 376 | 633 | 53 020 | 36 798 | 1 | 1 | (Z) | 1796 |
| 62 444 | 8 979 | 107 663 | 6 423 | 9 645 | 48 791 | 2 628 | 150 079 | 90 153 | 8 | 7 | 20 | 1799 |

CONSTRUCTION—GEOGRAPHIC AREA SERIES

COLORADO CO-7

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|------------|-----------|-----------|-----------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 9 704 | 8 957 | 9 453 | 8 509 | 1 | 1 | 1 | 3 |
| Proprietors and working partners..... | 3 212 | 2 265 | 3 342 | 4 936 | 3 | 5 | 4 | 5 |
| All employees** | 83 784 | 79 961 | 93 279 | 74 493 | 1 | 1 | 1 | 1 |
| Construction workers: | | | | | | | | |
| March..... | 57 258 | 54 594 | 69 969 | 53 451 | 1 | 1 | 1 | 1 |
| May..... | 65 986 | 61 603 | 74 916 | 61 252 | 1 | 1 | 1 | 1 |
| August..... | 71 489 | 66 369 | 80 147 | 65 647 | 1 | 1 | 1 | 1 |
| November..... | 67 028 | 61 495 | 71 698 | 62 779 | 1 | 1 | 1 | 1 |
| Average..... | 65 441 | 61 015 | 75 186 | 60 828 | 1 | 1 | 1 | 1 |
| Other employees: | | | | | | | | |
| March..... | 17 802 | 19 252 | 17 988 | 13 241 | 1 | 1 | 1 | 1 |
| May..... | 17 990 | 18 841 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| August..... | 18 762 | 19 027 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| November..... | 18 822 | 18 662 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| Average..... | 18 344 | 18 946 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| Payroll, all employees | 2 045 952 | 1 636 597 | 1 722 473 | 959 258 | 1 | 1 | 1 | 1 |
| Payroll, construction workers | 1 475 890 | 1 153 626 | 1 321 896 | 740 876 | 1 | 1 | 1 | 1 |
| Payroll, other employees | 570 061 | 482 971 | 400 577 | 218 381 | 1 | 1 | 1 | 1 |
| First-quarter payroll, all employees | 428 142 | 363 215 | 390 588 | 196 773 | 1 | 1 | 1 | 1 |
| Fringe benefits, all employees | 478 455 | 342 816 | 313 348 | 163 751 | 1 | 1 | 1 | 1 |
| Legally required expenditures..... | 347 926 | 237 656 | 230 924 | 92 914 | 1 | 1 | 1 | 1 |
| Voluntary expenditures..... | 130 529 | 105 159 | 82 424 | 70 837 | 2 | 1 | 1 | 1 |
| Dollar value of business done | 10 715 384 | 8 586 466 | 8 476 363 | 4 322 414 | 1 | 1 | 1 | 1 |
| Value of construction work | 10 554 643 | 8 276 694 | 8 158 522 | 4 082 458 | 1 | 1 | 1 | 1 |
| Value of construction work subcontracted in from others | 3 038 884 | 1 682 988 | 1 852 754 | 1 007 565 | 2 | 2 | 3 | (Z) |
| Other business receipts..... | 160 741 | 169 438 | 194 044 | 239 956 | 4 | 3 | 2 | 2 |
| Net value of construction† | 7 414 061 | 5 626 127 | 5 873 743 | 3 046 056 | 1 | 1 | 1 | 1 |
| Value added††..... | 4 323 209 | 3 506 543 | 3 481 803 | 1 858 813 | 1 | 1 | 1 | 1 |
| Selected costs..... | 6 392 175 | 4 939 589 | 4 870 762 | 2 358 571 | 1 | 1 | 1 | 1 |
| Materials, components, and supplies | 3 080 544 | 2 163 942 | 2 451 674 | 1 260 399 | 1 | 2 | 1 | 1 |
| Construction work subcontracted out to others | 3 140 582 | 2 650 567 | 2 284 778 | 1 036 402 | 2 | 1 | 1 | 2 |
| Selected power, fuels, and lubricants..... | 171 050 | 125 079 | 134 309 | 61 770 | 1 | 1 | 1 | 1 |
| Electricity..... | 23 409 | 16 719 | 16 802 | 6 543 | 3 | 2 | 2 | 2 |
| Natural gas..... | 12 928 | 9 230 | 9 087 | 4 638 | 2 | 2 | 2 | 5 |
| Gasoline and diesel fuel | 126 034 | 90 899 | 99 649 | 42 315 | 2 | 1 | 1 | 1 |
| On highway use..... | 86 141 | 61 385 | (NA) | (NA) | 2 | 1 | (NA) | (NA) |
| Off highway use..... | 39 893 | 29 514 | (NA) | (NA) | 2 | 3 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 8 679 | 8 230 | 8 770 | 8 274 | 3 | 3 | 3 | 3 |
| Rental cost for machinery, equipment, and buildings | 164 655 | 138 551 | 113 516 | 52 864 | 3 | 2 | 2 | 1 |
| For machinery and equipment | 120 944 | 96 482 | 82 501 | 41 823 | 3 | 2 | 2 | 2 |
| For buildings..... | 43 711 | 42 068 | 31 014 | 11 041 | 4 | 2 | 2 | 2 |
| Selected purchased services | 172 110 | 129 608 | 114 697 | 75 174 | 3 | 2 | 1 | 1 |
| Communication services | 46 833 | 29 240 | 26 064 | 15 569 | 4 | 2 | 2 | 2 |
| Repairs to buildings and other structures | 8 923 | 7 053 | 5 693 | 3 761 | 7 | 6 | 4 | 4 |
| Repairs to machinery and equipment | 116 354 | 93 314 | 82 939 | 55 844 | 3 | 2 | 1 | 1 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 10 554 643 | 8 276 694 | 8 158 522 | 4 082 458 | 1 | 1 | 1 | 1 |
| Government owned | 3 439 609 | 2 198 061 | 1 328 860 | 766 470 | 2 | 2 | 2 | 1 |
| Federal | 1 187 232 | 890 945 | (NA) | (NA) | 3 | 2 | (NA) | (NA) |
| State and local | 2 252 376 | 1 307 116 | (NA) | (NA) | 3 | 2 | (NA) | (NA) |
| Privately owned | 7 115 034 | 6 078 632 | 6 829 662 | 3 315 988 | 2 | 1 | 1 | 1 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|-----------|-----------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 1 115 712 | 1 185 837 | 3 | 2 |
| Capital expenditures, other than land | 188 740 | 122 066 | 4 | 3 |
| New | 120 659 | 87 953 | 3 | 3 |
| Used | 68 081 | 34 113 | 8 | 6 |
| Retirements and disposition of depreciable assets | 72 188 | 89 658 | 5 | 3 |
| End-of-year gross book value of depreciable assets | 1 232 264 | 1 218 245 | 3 | 2 |
| Depreciation charges during year | 133 578 | 145 495 | 2 | 2 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | 157 884 | 196 275 | 9 | 5 |
| Capital expenditures, other than land | 12 133 | 19 198 | 10 | 4 |
| New buildings and other structures | 9 673 | 16 022 | 11 | 4 |
| Used buildings and other structures | 2 460 | 3 175 | 13 | 15 |
| Retirements and disposition of depreciable assets | 20 142 | 13 870 | 1 | 11 |
| End-of-year gross book value of depreciable assets | 149 874 | 201 603 | 10 | 5 |
| Depreciation charges during year | 11 053 | 20 220 | 7 | 5 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 957 829 | 989 562 | 2 | 2 |
| Capital expenditures, other than land | 176 607 | 102 868 | 4 | 3 |
| New machinery and equipment, including automobiles and trucks | 110 986 | 71 930 | 4 | 3 |
| New automobiles and trucks, intended primarily for highway use | 40 207 | 26 856 | 5 | 5 |
| Used machinery and equipment, including automobiles and trucks | 65 621 | 30 937 | 8 | 6 |
| Retirements and disposition of depreciable assets | 52 046 | 75 788 | 6 | 3 |
| End-of-year gross book value of depreciable assets | 1 082 391 | 1 016 641 | 2 | 2 |
| Depreciation charges during year | 122 525 | 125 275 | 2 | 2 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|--|-----------------------------|---|
| All establishments: | | |
| Number | 9 704 | 1 |
| Value of construction work | 10 554 643 | 1 |
| Establishments with inventories: | | |
| Number | 3 117 | 2 |
| Value of construction work | 4 561 705 | 1 |
| Inventories¹: | | |
| End of 1992, materials and supplies | 119 330 | 10 |
| End of 1991, materials and supplies | 104 118 | 10 |
| Establishments with no inventories: | | |
| Number | 3 669 | 2 |
| Value of construction work | 4 597 871 | 1 |
| Establishments not reporting: | | |
| Number | 2 919 | 2 |
| Value of construction work | 1 395 067 | 2 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|------------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 9 704 | 5 933 | 1 791 | 1 133 | 613 | 156 | 65 | 11 | 1 | 2 |
| All employees** | 83 784 | 11 319 | 11 444 | 14 815 | 18 036 | 10 528 | 9 699 | 3 696 | 4 247 | (D) |
| Payroll, all employees | 2 045 952 | 181 932 | 226 593 | 320 232 | 472 598 | 286 301 | 300 208 | 105 971 | 152 117 | (D) |
| Dollar value of business done | 10 715 384 | 1 291 203 | 1 002 803 | 1 375 062 | 2 284 125 | 1 291 343 | 1 656 571 | 1 814 277 | (D) | (D) |
| Value of construction work | 10 554 643 | 1 274 690 | 983 239 | 1 356 720 | 2 251 305 | 1 259 332 | 1 625 963 | 1 803 394 | (D) | (D) |
| Net value of construction work† | 7 414 061 | 929 551 | 775 993 | 1 074 680 | 1 580 463 | 903 225 | 1 064 057 | 1 086 093 | (D) | (D) |
| Value added†† | 4 323 209 | 496 986 | 460 173 | 635 228 | 896 759 | 545 334 | 662 179 | 195 011 | 431 540 | (D) |
| Cost of materials, components, supplies, and fuels | 3 251 593 | 449 079 | 335 384 | 457 794 | 716 524 | 389 902 | 432 486 | 470 425 | (D) | (D) |
| Cost of construction work subcontracted out to others | 3 140 582 | 345 139 | 207 246 | 282 040 | 670 842 | 356 107 | 561 906 | 717 301 | (D) | (D) |
| Rental cost for machinery, equipment, and buildings | 164 655 | 13 678 | 18 796 | 23 041 | 42 336 | 24 756 | 28 956 | 13 092 | (D) | (D) |
| Capital expenditures, other than land | 188 740 | 19 525 | 27 323 | 31 375 | 35 695 | 26 885 | 42 394 | 2 726 | 2 817 | (D) |
| End-of-year gross book value of depreciable assets | 1 232 264 | 142 895 | 154 524 | 207 043 | 259 025 | 168 087 | 221 559 | 39 914 | 39 218 | (D) |
| 1987 | | | | | | | | | | |
| All employees** | 79 961 | 10 351 | 11 591 | 13 361 | 15 070 | 10 821 | 9 339 | 3 193 | 6 231 | (D) |
| Value of construction work | 8 276 694 | 951 266 | 876 797 | 1 056 948 | 1 498 305 | 1 152 992 | 1 322 076 | 1 418 309 | (D) | (D) |
| Value added†† | 3 506 543 | 385 834 | 387 091 | 518 356 | 643 778 | 502 915 | 765 326 | (D) | 303 241 | (D) |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 1 | 4 | 5 | 4 | 3 | 2 | (Z) | (Z) | (Z) | (D) |
| Net value of construction work† | 1 | 5 | 6 | 4 | 2 | 1 | (Z) | (Z) | (D) | (D) |
| Capital expenditures, other than land | 4 | 10 | 18 | 16 | 3 | 1 | (Z) | (Z) | (Z) | (D) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|------------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 9 704 | (S) | (S) | 1 259 | 2 535 | 1 701 | 1 253 | 958 | 376 | 184 | 123 |
| All employees** | 83 784 | (S) | (S) | 1 932 | 7 411 | 9 031 | 11 495 | 14 233 | 10 845 | 9 548 | 18 127 |
| Payroll, all employees | 2 045 952 | (S) | (S) | 22 653 | 105 326 | 157 732 | 230 478 | 340 958 | 291 513 | 275 685 | 611 409 |
| Dollar value of business done | 10 715 384 | (S) | (S) | 91 943 | 412 723 | 605 143 | 873 910 | 1 448 602 | 1 304 884 | 1 270 748 | 4 673 224 |
| Value of construction work | 10 554 643 | (S) | (S) | 90 747 | 406 967 | 597 139 | 862 171 | 1 426 320 | 1 286 273 | 1 244 322 | 4 606 897 |
| Net value of construction work† | 7 414 061 | (S) | (S) | 83 130 | 360 969 | 526 518 | 742 805 | 1 119 435 | 987 327 | 893 805 | 2 669 063 |
| Value added†† | 4 323 209 | (S) | (S) | 51 822 | 215 626 | 308 257 | 441 269 | 634 107 | 565 417 | 517 298 | 1 569 992 |
| Cost of materials, components, supplies, and fuels | 3 251 593 | (S) | (S) | 32 503 | 151 098 | 226 265 | 313 275 | 507 611 | 440 521 | 402 934 | 1 165 398 |
| Cost of construction work subcontracted out to others | 3 140 582 | (S) | (S) | (S) | 45 998 | 70 621 | 119 366 | 306 884 | 298 946 | 350 517 | 1 937 834 |
| Rental cost for machinery, equipment, and buildings | 164 655 | (S) | (S) | 1 161 | 5 888 | 9 310 | 17 876 | 26 973 | 29 368 | 23 862 | 49 688 |
| Capital expenditures, other than land | 188 740 | (S) | (S) | 2 537 | 11 505 | 15 159 | 22 640 | 30 998 | 23 935 | 28 167 | 52 898 |
| End-of-year gross book value of depreciable assets | 1 232 264 | (S) | (S) | 18 066 | 73 801 | 105 481 | 161 338 | 179 344 | 146 923 | 189 010 | 349 909 |
| 1987 | | | | | | | | | | | |
| All employees** | 79 961 | (S) | (S) | (S) | 7 781 | 8 782 | 9 181 | 13 911 | 9 240 | 9 687 | 16 972 |
| Value of construction work | 8 276 694 | (S) | (S) | (S) | 366 845 | 498 528 | 660 533 | 1 181 723 | 971 986 | 954 230 | 3 504 426 |
| Value added†† | 3 506 543 | (S) | (S) | (S) | 211 969 | 265 901 | 340 895 | 565 550 | 423 227 | 380 059 | 1 240 547 |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 1 | (S) | (S) | 8 | 5 | 6 | 5 | 4 | 3 | 2 | (Z) |
| Net value of construction work† | 1 | (S) | (S) | 6 | 5 | 5 | 5 | 4 | 4 | 3 | (Z) |
| Capital expenditures, other than land | 4 | (S) | (S) | 22 | 14 | 24 | 16 | 15 | 6 | 1 | (Z) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F | |
| | | | | A | B | C | D | E | F | A | B | C | D | E |
| 15, 16, 17 | Construction industries ----- | 9 704 | 65 441 | 57 258 | 65 986 | 71 489 | 67 028 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 1 651 | 4 793 | 4 136 | 4 772 | 5 318 | 4 944 | 3 | 4 | 5 | 4 | 5 | 5 | |
| 1522 | Other residential buildings ----- | 85 | 494 | 444 | 463 | 549 | 519 | 21 | 14 | 15 | 13 | 13 | 15 | |
| 1531 | Operative builders ----- | 251 | 490 | 412 | 494 | 525 | 531 | 11 | 13 | 13 | 13 | 12 | 13 | |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 99 | 584 | 592 | 504 | 565 | 675 | 16 | 6 | 7 | 6 | 6 | 6 | |
| 1542 | Nonresidential buildings, n.e.c. --- | 520 | 6 479 | 6 032 | 6 150 | 6 981 | 6 754 | 7 | 3 | 3 | 3 | 3 | 4 | |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 143 | 3 767 | 2 482 | 4 240 | 4 739 | 3 605 | 11 | 3 | 3 | 4 | 4 | 4 | |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 10 | 291 | 237 | 295 | 341 | 290 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | |
| 1623 | Water, sewer, and utility lines ----- | 212 | 3 145 | 2 335 | 3 182 | 3 576 | 3 489 | 10 | 4 | 4 | 4 | 5 | 5 | |
| 1629 | Heavy construction, n.e.c. ----- | 332 | 4 627 | 4 487 | 4 879 | 4 547 | 4 597 | 9 | 3 | 3 | 3 | 4 | 3 | |
| 17 | Special trade contractors: | | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 1 232 | 7 457 | 6 797 | 7 487 | 7 851 | 7 695 | 3 | 3 | 2 | 3 | 3 | 3 | |
| 1721 | Painting and paper hanging ----- | 647 | 2 657 | 2 119 | 2 856 | 3 174 | 2 479 | 4 | 5 | 5 | 5 | 6 | 5 | |
| 1731 | Electrical work ----- | 898 | 7 332 | 6 635 | 7 027 | 7 808 | 7 856 | 3 | 2 | 3 | 2 | 3 | 3 | |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 306 | 2 165 | 1 910 | 2 109 | 2 428 | 2 213 | 5 | 5 | 6 | 5 | 7 | 5 | |
| 1742 | Plastering, drywall, and insulation work ----- | 345 | 3 657 | 3 564 | 3 686 | 3 964 | 3 413 | 6 | 5 | 4 | 7 | 5 | 5 | |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 75 | 327 | 296 | 304 | 365 | 343 | 22 | 12 | 11 | 11 | 15 | 12 | |
| 175 | Carpentry and floor work: | | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 730 | 2 749 | 2 518 | 2 698 | 2 993 | 2 787 | 5 | 6 | 7 | 6 | 6 | 7 | |
| 1752 | Floor laying and other floor work -- | 182 | 844 | 817 | 788 | 900 | 870 | 6 | 6 | 6 | 6 | 8 | 7 | |
| 1761 | Roofing, siding, and sheet metal work ----- | 444 | 3 232 | 2 932 | 3 152 | 3 375 | 3 468 | 5 | 5 | 4 | 4 | 6 | 6 | |
| 1771 | Concrete work ----- | 618 | 4 481 | 3 474 | 4 659 | 5 211 | 4 580 | 5 | 5 | 5 | 5 | 5 | 6 | |
| 1781 | Water well drilling ----- | 57 | 212 | 203 | 206 | 233 | 207 | 10 | 9 | 10 | 9 | 9 | 9 | |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 69 | 1 087 | 980 | 1 218 | 1 147 | 1 002 | 17 | 18 | 16 | 22 | 18 | 17 | |
| 1793 | Glass and glazing work ----- | 71 | 451 | 419 | 431 | 430 | 524 | 9 | 7 | 6 | 8 | 8 | 7 | |
| 1794 | Excavation work ----- | 304 | 1 298 | 1 076 | 1 347 | 1 409 | 1 361 | 10 | 11 | 11 | 11 | 11 | 12 | |
| 1795 | Wrecking and demolition work ----- | 5 | 47 | 44 | 38 | 53 | 52 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | |
| 1796 | Installing building equipment, n.e.c. ----- | 45 | 607 | 505 | 501 | 645 | 777 | 17 | 1 | 3 | 1 | 1 | 1 | |
| 1799 | Special trade contractors, n.e.c. --- | 372 | 2 168 | 1 812 | 2 501 | 2 363 | 1 996 | 9 | 8 | 8 | 9 | 8 | 8 | |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees** per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|---|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 8.6 | 24.4 | 161.3 | .194 | .308 | .298 | .288 | .016 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 4.1 | 18.3 | 171.1 | .150 | .317 | .362 | .042 | .014 |
| 1522 | Other residential buildings ----- | 8.6 | 24.0 | 195.0 | .182 | .237 | .498 | *.033 | .007 |
| 1531 | Operative builders ----- | 6.7 | 31.6 | 2 325.5 | .047 | .243 | .455 | .001 | .002 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 8.7 | 29.0 | 235.0 | .182 | .229 | .506 | .076 | .017 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 17.4 | 30.0 | 411.7 | .102 | .202 | .576 | .020 | .007 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 33.1 | 29.6 | 199.3 | .187 | .323 | .213 | .145 | .040 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 35.8 | 32.4 | 252.9 | .158 | (D) | .366 | .173 | .013 |
| 1623 | Water, sewer, and utility lines ----- | 17.8 | 26.1 | 127.7 | .245 | .302 | .138 | .173 | .049 |
| 1629 | Heavy construction, n.e.c. ----- | 16.8 | 28.4 | 145.1 | .236 | .358 | .188 | .183 | .025 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 8.1 | 26.0 | 122.1 | .284 | .417 | .112 | .666 | .017 |
| 1721 | Painting and paper hanging ----- | 4.7 | 16.7 | 54.0 | .355 | .309 | .072 | .618 | .010 |
| 1731 | Electrical work ----- | 10.2 | 26.0 | 98.5 | .330 | .422 | .034 | .646 | .013 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 8.1 | 20.5 | 67.4 | .348 | .372 | .023 | (S) | .024 |
| 1742 | Plastering, drywall, and insulation work ----- | 12.3 | 20.9 | 65.1 | .371 | .356 | .051 | .962 | .012 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 5.5 | 24.5 | 110.9 | .279 | .491 | *.088 | .530 | .007 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 4.4 | 18.8 | 90.8 | .243 | .338 | .208 | .757 | .010 |
| 1752 | Floor laying and other floor work ----- | 5.9 | 22.3 | 119.0 | .240 | .386 | *.163 | .867 | .014 |
| 1761 | Roofing, siding, and sheet metal work ----- | 9.0 | 20.6 | 100.4 | .254 | .457 | .066 | .663 | .008 |
| 1771 | Concrete work ----- | 8.5 | 20.1 | 83.6 | .279 | .411 | .063 | .572 | .013 |
| 1781 | Water well drilling ----- | 5.1 | 21.7 | 117.2 | .252 | .433 | .014 | (D) | .012 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | 18.8 | 28.0 | 103.7 | .324 | .283 | .138 | .721 | .025 |
| 1793 | Glass and glazing work ----- | 8.8 | 25.0 | 104.2 | .333 | .583 | .016 | .732 | .027 |
| 1794 | Excavation work ----- | 5.2 | 22.7 | 95.8 | .288 | .250 | .076 | .787 | .043 |
| 1795 | Wrecking and demolition work ----- | 12.6 | 21.6 | 140.8 | .205 | (D) | .057 | (D) | .119 |
| 1796 | Installing building equipment, n.e.c. ----- | 17.3 | 29.7 | 91.6 | .415 | .316 | .011 | .373 | .019 |
| 1799 | Special trade contractors, n.e.c. ----- | 7.6 | 20.5 | 83.1 | .321 | .347 | .050 | .598 | .036 |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

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

| SIC code | Geographic area and industry | Number of establishments | All employees** | Payroll, all employees | Value of construction work | Net value of construction work† | Value added‡† | Cost of materials, components, supplies, and fuels | Cost of construction work subcontracted out to others | Capital expenditures, other than land | Relative standard error of estimate (percent) for column— | |
|----------|--|--------------------------|-----------------|------------------------|----------------------------|---------------------------------|------------------|--|---|---------------------------------------|---|----------|
| | | | | | | | | | | | A | B |
| | DENVER–BOULDER–GREELEY, CO CMSA | | | | | | | | | | | |
| 15,16,17 | Construction industries | 5 285 | 51 513 | 1 322 039 | 7 207 403 | 4 878 447 | 2 814 076 | 2 145 095 | 2 328 955 | 108 587 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | |
| 1521 | Single-family houses | (S) 46 | 2 940 506 | 52 435 12 244 | 338 701 69 647 | 225 892 33 099 | 113 199 18 348 | 118 241 16 483 | 112 809 36 548 | 3 782 903 | 6 16 | 9 16 |
| 1522 | Other residential buildings | | | | | | | | | | | |
| 1531 | Operative builders | 138 | 1 175 | 41 038 | 917 402 | 496 191 | 318 821 | 195 170 | 421 211 | 3 643 | 6 | 5 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 70 | 591 | 19 774 | 113 604 | (D) | 27 054 | 26 191 | (D) | 1 108 | 9 | (D) |
| 1542 | Nonresidential buildings, n.e.c. | 338 | 6 415 | 205 468 | 2 128 555 | 916 754 | 503 819 | 417 012 | 1 211 801 | 20 958 | 3 | 1 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | |
| 1611 | Highway and street construction | 56 | 2 454 | 77 621 | 467 406 | 353 224 | 209 921 | 154 757 | 114 182 | 15 146 | 2 | 2 |
| 162 | Heavy construction, except highway: Bridge, tunnel, and elevated highway construction..... | 7 | 264 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (Z) | (D) |
| 1623 | Water, sewer, and utility lines | 98 | 2 135 | 58 813 | 244 682 | (D) | 137 258 | 71 917 | (D) | 10 096 | 5 | (D) |
| 1629 | Heavy construction, n.e.c. | 108 | 1 605 | 44 387 | 248 352 | 171 846 | 85 292 | 91 521 | 76 506 | 3 621 | 5 | 4 |
| 17 | Special trade contractors: | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 712 | 6 057 | 164 687 | 582 801 | 509 222 | 281 682 | 239 024 | 73 579 | 7 528 | 3 | 3 |
| 1721 | Painting and paper hanging..... | 369 | 2 016 | 37 482 | 100 892 | 93 403 | 63 559 | 29 924 | 7 489 | 2 634 | 5 | 5 |
| 1731 | Electrical work | 490 | 6 555 | 180 048 | 540 601 | 520 636 | 293 888 | 229 941 | 19 965 | 6 449 | 3 | 2 |
| 174 | Masonry, stone work, tile setting, and plastering: | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stone work..... | 163 | 1 486 | 29 423 | 86 075 | 83 626 | 53 610 | 30 101 | 2 449 | 3 941 | 7 | 8 |
| 1742 | Plastering, drywall, and insulation work | 203 | 2 834 | 57 464 | 152 402 | 143 280 | 91 092 | 52 465 | 9 121 | 1 948 | 6 | 5 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 58 | 381 | 9 589 | (D) | (D) | 14 284 | 16 091 | (D) | (D) | 14 | (D) |
| 175 | Carpentry and floor work: | | | | | | | | | | | |
| 1751 | Carpentry | 401 | 1 920 | 38 274 | 173 328 | 126 597 | 68 214 | 60 163 | 46 731 | 2 125 | 7 | 11 |
| 1752 | Floor laying and other floor work | 119 | 891 | 20 975 | 87 501 | 71 581 | 40 475 | 32 631 | *15 920 | (S) 7 | 7 | 10 |
| 1761 | Roofing, siding, and sheet metal work | 296 | 2 901 | 65 164 | 243 847 | 228 917 | 114 063 | 115 003 | 14 929 | 2 583 | 4 | 4 |
| 1771 | Concrete work | 338 | 3 402 | 71 238 | 251 357 | 233 119 | 130 373 | 105 860 | 18 237 | 4 525 | 6 | 7 |
| 1781 | Water well drilling | 18 | 135 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 21 | (D) |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | |
| 1791 | Structural steel erection | 29 | 742 | 23 098 | 58 674 | 53 564 | 37 688 | 17 263 | 5 110 | *767 | 28 | 24 |
| 1793 | Glass and glazing work | 48 | 491 | 12 389 | (D) | (D) | 17 899 | 22 217 | (D) | 757 | 9 | (D) |
| 1794 | Excavation work | 129 | 804 | 20 342 | 64 148 | 58 245 | 46 019 | 12 828 | 5 903 | 5 519 | 13 | 10 |
| 1795 | Wrecking and demolition work | 5 | 63 | 1 359 | 6 618 | 6 238 | 4 655 | (D) | 380 | 213 | (Z) | (Z) |
| 1796 | Installing building equipment, n.e.c. | 30 | 673 | 21 981 | 52 177 | (D) | 35 386 | 16 431 | (D) | (D) | (Z) | (Z) |
| 1799 | Special trade contractors, n.e.c. | 252 | 2 078 | 44 484 | 136 987 | 129 769 | 84 257 | 47 633 | 7 219 | 7 439 | 7 | 8 |
| | Boulder–Longmont, CO PMSA | | | | | | | | | | | |
| 15,16,17 | Construction industries | 723 | 4 956 | 111 408 | 576 070 | 417 652 | 232 750 | 196 786 | 158 418 | 10 540 | 3 | 6 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | |
| 1521 | Single-family houses | 178 | 624 | 10 078 | (D) | (D) | (D) | (D) | 24 457 | 961 | 10 | (D) |
| 1522 | Other residential buildings | *15 | 103 | 2 906 | 19 351 | (D) | 4 962 | 5 297 | (D) | (D) | 29 | (D) |
| 1531 | Operative builders | 28 | 163 | 7 093 | (D) | (D) | *30 539 | 34 823 | (D) | *1 470 | 17 | (D) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses | (S) | (D) | (S) | (S) | (S) | (D) | (S) | (S) | (D) | (D) | (S) |
| 1542 | Nonresidential buildings, n.e.c. | 66 | (D) | (D) | (D) | (D) | 20 741 | (D) | (D) | (D) | (D) | (D) |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | |
| 1611 | Highway and street construction | 7 | 183 | 3 786 | 23 091 | (D) | 11 936 | (D) | (D) | (D) | (Z) | (D) |
| 162 | Heavy construction, except highway: Bridge, tunnel, and elevated highway construction..... | — | — | — | — | — | — | — | — | — | — | — |
| 1623 | Water, sewer, and utility lines | 8 | 195 | (D) | 18 830 | 17 702 | 11 517 | 6 442 | 1 128 | 335 | (Z) | (Z) |
| 1629 | Heavy construction, n.e.c. | 13 | (D) | 5 092 | 27 235 | 23 704 | 12 939 | 10 843 | (S) | (D) | (D) | 14 |

CO-14 COLORADO

CONSTRUCTION—GEOGRAPHIC AREA SERIES

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992—Con.

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

| SIC code | Geographic area and industry | Number of establishments | All employees** | Payroll, all employees | Value of construction work | Net value of construction work† | Value added‡ | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Capital expenditures, other than land | Relative standard error of estimate (percent) for column— | |
|-----------------|--|--------------------------|-----------------|------------------------|----------------------------|---------------------------------|------------------|--|--|---------------------------------------|---|----------|
| | | | | | | | | | | | A | B |
| | DENVER—BOULDER—GREELEY, CO CMSA—Con. | | | | | | | | | | | |
| | Boulder—Longmont, CO PMSA—Con. | | | | | | | | | | | |
| 15,16,17 | Construction industries—Con. | | | | | | | | | | | |
| | Special trade contractors: | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning----- | 84 | 675 | 16 426 | (D) | (D) | 24 885 | (D) | 5 818 | 806 | 9 | (D) |
| 1721 | Painting and paper hanging----- | 46 | 255 | 4 004 | 12 660 | 12 099 | 8 786 | 3 324 | *562 | (D) | 11 | 9 |
| 1731 | Electrical work----- | 64 | 595 | 14 035 | 38 551 | 37 314 | 23 038 | 14 367 | 1 238 | (S) | 8 | 6 |
| 174 | Masonry, stone work, tile setting, and plastering: | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stone work----- | (S) | 135 | 2 673 | 8 123 | (D) | 4 940 | 2 601 | (D) | (D) | 31 | (D) |
| 1742 | Plastering, drywall, and insulation work----- | 19 | 85 | 1 573 | (D) | (D) | 2 329 | 2 109 | (D) | 44 | 6 | (D) |
| 1743 | Terrazzo, tile, marble, and mosaic work----- | (S) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | — | (D) | (D) |
| 175 | Carpentry and floor work: | | | | | | | | | | | |
| 1751 | Carpentry----- | (S) | 235 | (D) | 9 586 | (D) | 5 161 | 3 087 | (D) | (D) | 9 | (D) |
| 1752 | Floor laying and other floor work--- | 16 | 86 | (D) | 6 068 | (D) | 3 104 | 2 557 | (D) | 75 | 6 | (D) |
| 1761 | Roofing, siding, and sheet metal work----- | 25 | 411 | 8 944 | 33 566 | (D) | 17 118 | 15 327 | (D) | 802 | 12 | (D) |
| 1771 | Concrete work----- | 29 | 140 | 3 070 | 12 424 | 11 945 | 7 202 | 4 761 | *479 | *292 | 35 | 26 |
| 1781 | Water well drilling----- | 3 | (D) | (D) | (D) | (D) | 930 | (D) | (D) | (D) | (D) | (D) |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | |
| 1791 | Structural steel erection----- | — | — | — | — | — | — | — | — | — | — | — |
| 1793 | Glass and glazing work----- | 2 | (D) | (D) | (D) | (D) | (D) | (D) | — | (D) | (D) | (D) |
| 1794 | Excavation work----- | 15 | 81 | 1 651 | 7 045 | (D) | 4 362 | *2 236 | (D) | (D) | 30 | (D) |
| 1795 | Wrecking and demolition work----- | — | — | — | — | — | — | — | — | — | — | — |
| 1796 | Installing building equipment, n.e.c.--- | — | — | — | — | — | — | — | — | — | — | — |
| 1799 | Special trade contractors, n.e.c.--- | 33 | 287 | 4 640 | 10 730 | (D) | 8 760 | 2 567 | (D) | (D) | 13 | (D) |
| | Denver, CO PMSA | | | | | | | | | | | |
| 15,16,17 | Construction industries----- | 4 285 | 42 844 | 1 104 777 | 5 624 658 | 3 848 563 | 2 221 228 | 1 693 715 | 1 776 095 | 89 801 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | |
| 1521 | Single-family houses----- | (S) | 2 253 | 41 066 | (D) | (D) | (D) | (D) | 86 649 | 2 254 | 7 | (D) |
| 1522 | Other residential buildings----- | 31 | 402 | 9 338 | 50 296 | (D) | 13 386 | (S) | (D) | (D) | 18 | (D) |
| 1531 | Operative builders----- | 106 | 1 002 | 33 220 | (D) | (D) | 288 308 | 154 117 | (D) | 2 173 | 6 | (D) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses----- | 62 | 575 | 19 262 | (D) | (D) | 25 902 | 21 752 | (D) | (D) | 9 | (D) |
| 1542 | Nonresidential buildings, n.e.c.----- | 262 | 4 187 | 129 954 | 1 225 089 | 425 241 | 25 902 (D) | 218 653 | 799 848 | 18 797 | 4 | 3 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | |
| 1611 | Highway and street construction----- | 43 | 1 985 | 64 882 | 388 374 | (D) | 177 992 | 130 181 | (D) | 12 775 | 3 | (D) |
| 162 | Heavy construction, except highway: | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction----- | 7 | 264 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (Z) | (D) |
| 1623 | Water, sewer, and utility lines----- | 76 | 1 781 | 49 242 | 209 051 | 173 891 | 116 317 | 59 101 | 35 160 | 7 255 | 6 | 4 |
| 1629 | Heavy construction, n.e.c.----- | 91 | 1 278 | 36 598 | (D) | (D) | (D) | 78 817 | (D) | 2 023 | 6 | (D) |
| 17 | Special trade contractors: | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning----- | 588 | 5 186 | 144 535 | 514 272 | 446 919 | 250 829 | 207 391 | 67 352 | 6 603 | 3 | 3 |
| 1721 | Painting and paper hanging----- | 301 | 1 711 | 32 871 | 86 716 | 79 824 | 53 782 | 26 110 | *6 892 | 2 292 | 6 | 6 |
| 1731 | Electrical work----- | 405 | 5 896 | 165 060 | 497 014 | 478 329 | 268 492 | 212 937 | 18 685 | 5 417 | 3 | 2 |
| 174 | Masonry, stone work, tile setting, and plastering: | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stone work----- | 123 | 1 173 | 24 204 | 70 447 | 68 619 | (D) | 25 481 | 1 828 | 3 701 | 7 | 8 |
| 1742 | Plastering, drywall, and insulation work----- | 167 | 2 644 | 54 204 | 141 697 | 133 217 | 85 000 | 48 493 | 8 480 | 1 612 | 6 | 6 |
| 1743 | Terrazzo, tile, marble, and mosaic work----- | 55 | (D) | (D) | 30 352 | (D) | (D) | (D) | (D) | *113 | (D) | (D) |
| 175 | Carpentry and floor work: | | | | | | | | | | | |
| 1751 | Carpentry----- | 352 | 1 671 | 34 543 | (D) | (D) | (D) | (D) | 45 297 | 1 950 | 8 | (D) |
| 1752 | Floor laying and other floor work--- | 96 | 780 | 18 507 | (D) | (D) | (D) | 29 265 | *15 328 | (S) | 8 | (D) |
| 1761 | Roofing, siding, and sheet metal work----- | (S) | 2 209 | 48 861 | (D) | (D) | (D) | 91 645 | 13 122 | 1 438 | 5 | (D) |

CONSTRUCTION—GEOGRAPHIC AREA SERIES

COLORADO CO-15

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992—Con.

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

| SIC code | Geographic area and industry | Number of establishments | All employees** | Payroll, all employees | Value of construction work | Net value of construction work† | Value added‡ | Cost of materials, components, supplies, and fuels | Cost of construction work subcontracted out to others | Capital expenditures, other than land | Relative standard error of estimate (percent) for column— | |
|-----------------|--|--------------------------|-----------------|------------------------|----------------------------|---------------------------------|----------------|--|---|---------------------------------------|---|----------|
| | | | | | | | | | | | A | B |
| | DENVER—BOULDER—GREELEY, CO CMSA—Con. | | | | | | | | | | | |
| | Denver, CO PMSA—Con. | | | | | | | | | | | |
| 15,16,17 | Construction industries—Con. | | | | | | | | | | | |
| 1771 | Special trade contractors—Con. | | | | | | | | | | | |
| | Concrete work | 278 | 3 020 | 63 333 | 219 577 | 203 782 | 113 686 | 93 176 | 15 795 | 3 715 | 6 | 7 |
| 1781 | Water well drilling | *12 | 101 | 2 942 | 10 736 | 10 559 | 7 156 | 3 403 | 177 | (D) | 27 | 21 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | |
| 1791 | Structural steel erection | 28 | (D) | (D) | (D) | (D) | (D) | (D) | 5 110 | (D) | (D) | (D) |
| 1793 | Glass and glazing work | 45 | 473 | (D) | 35 853 | (D) | 17 124 | (D) | (D) | (D) | 10 | (D) |
| 1794 | Excavation work | 109 | 682 | 17 728 | 54 491 | 49 077 | 39 730 | 9 927 | 5 414 | 5 162 | 14 | 11 |
| 1795 | Wrecking and demolition work | 5 | 63 | 1 359 | 6 618 | 6 238 | 4 655 | (D) | 380 | 213 | (Z) | (Z) |
| 1796 | Installing building equipment, n.e.c. .. | 30 | 673 | 21 981 | 52 177 | (D) | 35 386 | 16 431 | (D) | (D) | (Z) | (D) |
| 1799 | Special trade contractors, n.e.c. | 191 | 1 736 | 38 596 | 122 097 | 115 205 | 73 511 | (D) | 6 893 | (D) | 9 | 9 |
| | Greeley, CO PMSA | | | | | | | | | | | |
| 15,16,17 | Construction industries | 276 | 3 714 | 105 854 | 1 006 674 | 612 232 | 360 099 | 254 594 | 394 442 | 8 247 | 4 | 2 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | |
| 1521 | Single-family houses | (S) | 63 | 1 290 | (D) | (D) | 2 589 | (D) | (S) | *567 | 25 | (D) |
| 1522 | Other residential buildings | — | — | — | — | — | — | — | — | — | — | — |
| 1531 | Operative builders | (S) | (S) | (S) | (D) | (D) | (S) | (S) | (D) | — | (S) | (D) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses | (S) | (D) | (S) | (D) | (D) | (D) | (S) | (D) | — | (D) | (D) |
| 1542 | Nonresidential buildings, n.e.c. | *10 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | |
| 1611 | Highway and street construction | 6 | 286 | 8 953 | 55 940 | (D) | 19 993 | (D) | (D) | (D) | 9 | (D) |
| 162 | Heavy construction, except highway: | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | — | — | — | — | — | — | — | — | — | — | — |
| 1623 | Water, sewer, and utility lines | (S) | 158 | (D) | 16 800 | (D) | 9 425 | 6 374 | (D) | 2 506 | 24 | (D) |
| 1629 | Heavy construction, n.e.c. | 4 | (D) | 2 697 | (D) | (D) | (D) | 1 861 | (D) | (D) | (D) | (D) |
| 17 | Special trade contractors: | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 40 | 196 | 3 726 | (D) | (D) | 5 967 | (D) | *409 | 119 | 35 | (D) |
| 1721 | Painting and paper hanging | *23 | *51 | *607 | *1 516 | *1 481 | *991 | *489 | *36 | (D) | 57 | 48 |
| 1731 | Electrical work | *21 | *65 | 953 | *5 036 | *4 993 | *2 358 | *2 637 | (S) | 226 | 41 | 45 |
| 174 | Masonry, stone work, tile setting, and plastering: | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stone work | *16 | 178 | 2 547 | 7 505 | (D) | (D) | 2 019 | (D) | (D) | 23 | (D) |
| 1742 | Plastering, drywall, and insulation work | *17 | *105 | *1 687 | (D) | (D) | *3 763 | *1 863 | (D) | *292 | 46 | (D) |
| 1743 | Terrazzo, tile, marble, and mosaic work | 1 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 175 | Carpentry and floor work: | | | | | | | | | | | |
| 1751 | Carpentry | (S) | (S) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (S) | (D) |
| 1752 | Floor laying and other floor work .. | (S) | 26 | (D) | (D) | (D) | (D) | 809 | (D) | (S) | (Z) | (D) |
| 1761 | Roofing, siding, and sheet metal work | *6 | 280 | 7 358 | (D) | (D) | (D) | 8 032 | (D) | 343 | 16 | (D) |
| 1771 | Concrete work | 31 | 242 | 4 835 | 19 356 | 17 392 | 9 485 | 7 923 | 1 963 | *519 | 29 | 30 |
| 1781 | Water well drilling | (S) | (D) | (S) | (S) | (S) | (D) | (S) | (S) | (S) | (D) | (S) |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | |
| 1791 | Structural steel erection | (S) | (D) | (D) | (D) | (D) | (D) | (D) | — | (D) | (D) | (D) |
| 1793 | Glass and glazing work | 1 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1794 | Excavation work | *6 | *42 | *963 | *2 612 | (D) | *1 926 | *664 | (D) | (D) | 70 | (D) |
| 1795 | Wrecking and demolition work | — | — | — | — | — | — | — | — | — | — | — |
| 1796 | Installing building equipment, n.e.c. .. | — | — | — | — | — | — | — | — | — | — | — |
| 1799 | Special trade contractors, n.e.c. | *28 | 55 | 1 248 | 4 160 | (D) | 1 985 | (D) | (D) | (S) | 30 | (D) |

CO-16 COLORADO

CONSTRUCTION—GEOGRAPHIC AREA SERIES

Contents

Idaho

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-- Not applicable for this report.

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Idaho. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 11,616 establishments in this State operating in the construction industries. These establishments accounted for \$2.6 billion in total dollar value of business done.

Most of the 11,616 construction establishments were small. Of the total, 8,075 were nonemployers, and over half of the employer establishments had less than 5 employees. The 1,143 construction establishments with 5 employees or more, while representing only 10 percent of all establishments, accounted for more than 72 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$2.4 billion in total dollar value of business done. Of this amount, \$2.3 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$552 million, leaving net value of construction work of \$1.7 billion. In addition, these establishments paid out \$880 million for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$1.0 billion. (See Introduction and appendixes for explanation of terms.)

There were 3,541 establishments with total employment averaging 22,217 during the year. Total payroll for 1992 was \$479 million.

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

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

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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 8,075 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$269 million. Most of these establishments, about 80 percent, were special trade contractors.

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

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

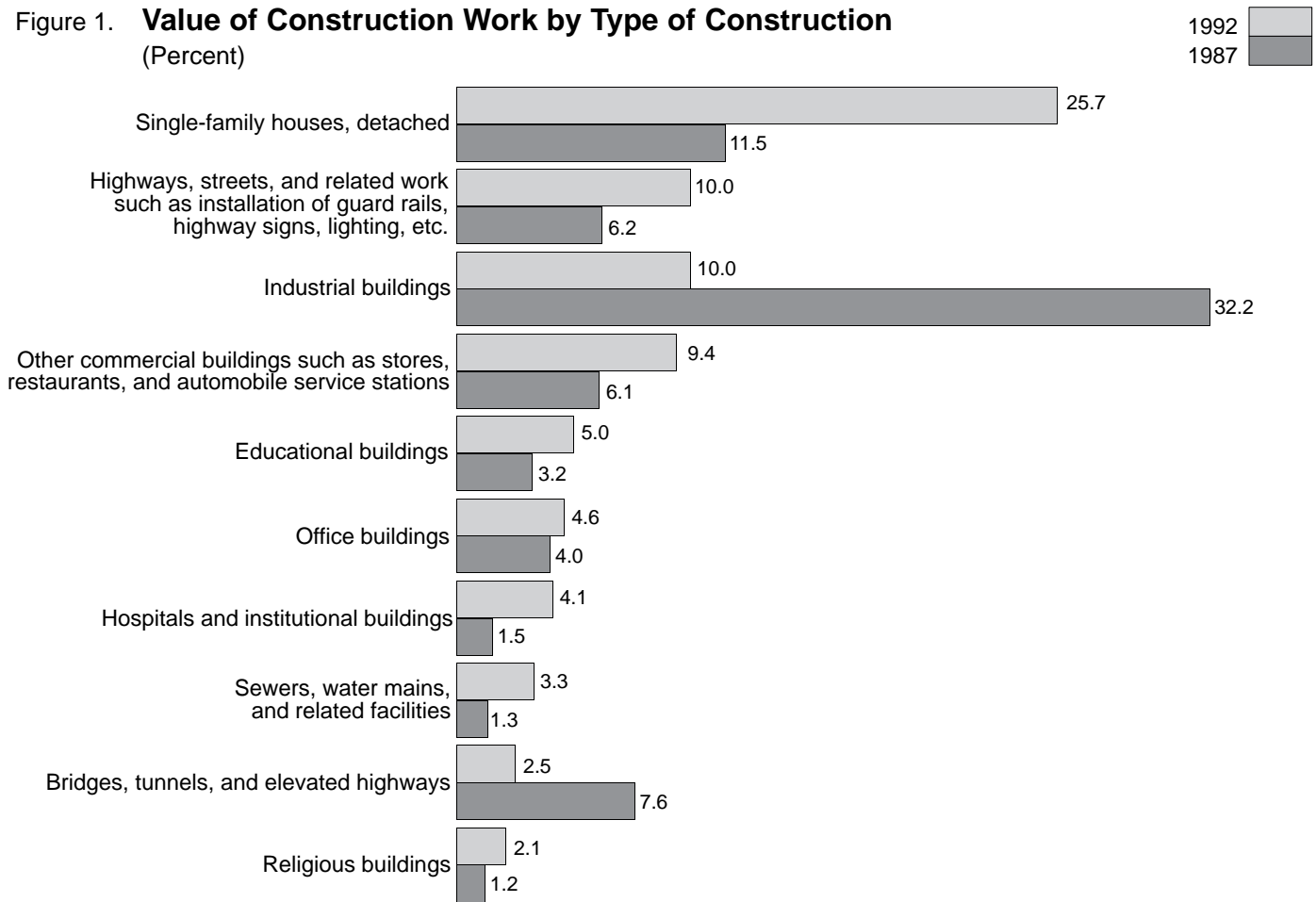


Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

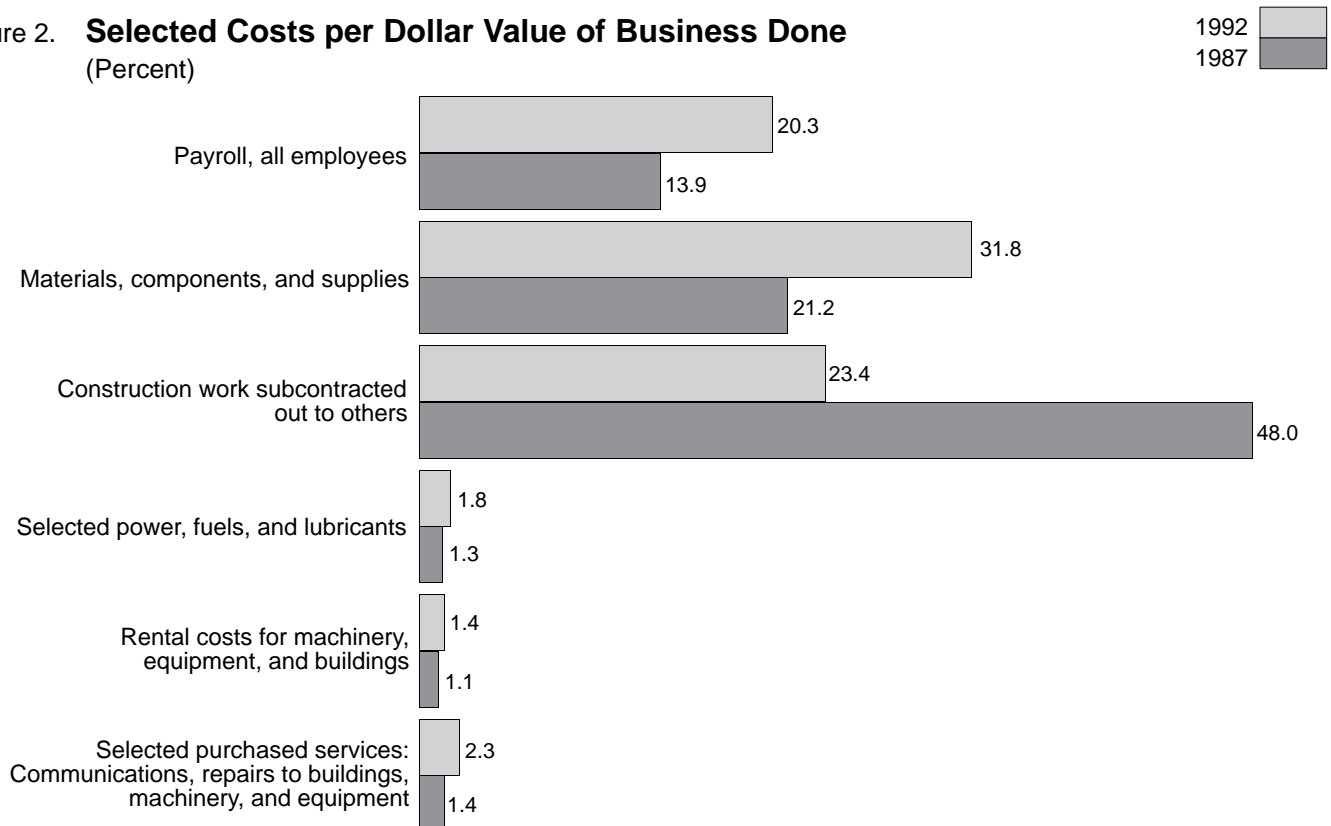


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|---|----|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | |
| | | A | B | C | D | E | F | G | H | I | J | K | J | K |
| 1992 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 11 616 | 10 351 | 22 217 | 2 626 760 | 8 075 | 8 152 | 268 534 | 3 541 | 2 199 | 22 217 | 2 358 226 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders ---- | 2 532 | 2 058 | 6 168 | 1 113 692 | 1 395 | 1 399 | 114 629 | 1 137 | 659 | 6 168 | 999 063 | 4 | 3 |
| 16 | Heavy construction other than building construction— contractors----- | 465 | 307 | 4 848 | 530 286 | 190 | 185 | 5 146 | 275 | 122 | 4 848 | 525 140 | 3 | 3 |
| 17 | Special trade contractors ----- | 8 619 | 7 986 | 11 202 | 982 782 | 6 490 | 6 568 | 148 759 | 2 129 | (S) | 11 202 | 834 023 | 3 | 3 |
| 1711 | Plumbing, heating, and air-conditioning -- | 716 | 514 | 3 131 | 282 703 | 320 | 321 | 12 699 | 396 | (S) | 3 131 | 270 004 | 4 | 4 |
| 1731 | Electrical work----- | 705 | 591 | 1 635 | 147 114 | 432 | 437 | 11 981 | 273 | 154 | 1 635 | 135 133 | 6 | 5 |
| 1987 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 10 370 | 8 863 | 13 847 | 2 328 129 | 8 278 | 8 258 | 332 024 | 2 092 | 605 | 13 847 | 1 996 105 | 2 | 1 |
| 15 | Building construction—General contractors and operative builders ---- | 2 334 | 1 834 | 4 727 | 1 409 886 | 1 806 | 1 741 | 121 540 | 528 | 93 | 4 727 | 1 288 346 | 3 | 2 |
| 16 | Heavy construction other than building construction— contractors----- | 417 | 282 | 2 522 | 315 383 | 208 | 212 | 14 813 | 209 | 70 | 2 522 | 300 570 | 4 | 3 |
| 17 | Special trade contractors ----- | 7 369 | 6 541 | 6 527 | 575 317 | 6 047 | 6 101 | 170 193 | 1 322 | 440 | 6 527 | 405 124 | 1 | 5 |
| 1711 | Plumbing, heating, and air-conditioning -- | 626 | 440 | 1 657 | 137 985 | 333 | 331 | 17 848 | 293 | 109 | 1 657 | 120 137 | 5 | 5 |
| 1731 | Electrical work----- | 695 | 530 | 1 116 | 80 972 | 477 | 477 | 16 213 | 218 | 53 | 1 116 | 64 759 | 7 | 10 |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|------------|--|--------------------------|---------------|----------------------|----------------|----------------------|----------------------------|---------------------------------|------------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added†† |
| | | | All | Construction workers | All employees | Construction workers | | | |
| A | B | C | D | E | F | G | H | | |
| 15, 16, 17 | Construction industries¹ | 3 541 | 22 217 | 17 252 | 479 350 | 343 681 | 2 261 464 | 1 709 621 | 1 014 179 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses | 774 | 2 494 | 1 917 | 39 450 | 28 376 | 298 742 | 204 612 | 99 180 |
| 1522 | Other residential buildings | 23 | 122 | *76 | 2 440 | 1 177 | 24 810 | 13 470 | 4 661 |
| 1531 | Operative builders | 123 | 291 | 172 | 7 608 | 3 277 | (S) | (S) | (S) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 45 | 596 | 424 | 15 681 | 10 161 | 102 312 | 53 591 | 30 119 |
| 1542 | Nonresidential buildings, n.e.c. | 172 | 2 664 | 1 928 | 65 113 | 39 395 | 441 583 | 204 610 | 117 666 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction | 76 | 2 016 | 1 651 | 49 216 | 38 248 | 222 451 | 180 937 | 133 212 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | 4 | 100 | 81 | 2 877 | 2 252 | 12 181 | 10 544 | 5 796 |
| 1623 | Water, sewer, and utility lines | 54 | 795 | 678 | 21 348 | 16 296 | 69 546 | 62 595 | 44 954 |
| 1629 | Heavy construction, n.e.c. | 141 | 1 937 | 1 203 | 52 775 | 31 467 | 181 443 | (D) | 100 918 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 396 | 3 131 | 2 360 | 71 046 | 53 330 | 267 366 | 250 144 | 131 171 |
| 1721 | Painting and paper hanging | 191 | 532 | 466 | 7 879 | 6 631 | 25 904 | 25 238 | 17 543 |
| 1731 | Electrical work | 273 | 1 635 | 1 297 | 41 880 | 31 997 | 133 906 | 130 806 | 76 451 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework | 106 | (D) | 448 | 9 863 | (D) | 29 782 | 29 233 | 15 776 |
| 1742 | Plastering, drywall, and insulation work | 143 | 966 | 872 | 16 285 | 13 696 | 53 951 | 48 002 | 28 704 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 37 | *122 | *110 | *1 802 | *1 541 | 7 431 | 7 192 | 3 793 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry | 272 | 844 | 724 | 11 893 | 10 180 | 47 182 | 40 620 | 26 583 |
| 1752 | Floor laying and other floor work | 42 | 82 | 73 | 904 | 831 | 4 151 | 3 964 | 2 166 |
| 1761 | Roofing, siding, and sheet metal work | 165 | 987 | 811 | 14 901 | 11 721 | 68 548 | 65 184 | 28 735 |
| 1771 | Concrete work | 195 | 859 | 769 | 14 688 | 12 271 | 62 073 | 59 096 | 38 683 |
| 1781 | Water well drilling | 44 | 202 | 156 | 4 533 | 3 820 | 20 852 | 19 928 | 11 473 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection | 27 | 198 | 158 | 4 970 | 3 335 | 15 091 | 13 662 | 9 596 |
| 1793 | Glass and glazing work | 20 | 132 | 86 | 2 350 | 1 489 | 9 865 | 9 817 | 5 341 |
| 1794 | Excavation work | 83 | 272 | 233 | 4 574 | 3 756 | 21 956 | 19 349 | 17 330 |
| 1795 | Wrecking and demolition work | 1 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. | 6 | 115 | 70 | (D) | 1 579 | (D) | 9 135 | (D) |
| 1799 | Special trade contractors, n.e.c. | 127 | (D) | (D) | (D) | 8 654 | 41 954 | 39 193 | 24 556 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|--|--|--|---|--|--|--|---|---|---|---|---|---|
| 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 of 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†† | | | | |
| I | J | K | L | M | N | O | P | Q | B | G | M | |
| 792 204 | 551 842 | 587 742 | 33 937 | 54 465 | 413 638 | 13 847 | 1 723 338 | 585 196 | 2 | 2 | 6 | 15, 16, 17 |
| 114 264 *8 869 | 94 130 11 340 | 10 354 (S) | 1 745 *433 | 2 096 *145 | 13 442 415 | 1 025 (S) | 91 375 (S) | 32 040 (S) | 8 39 | 9 35 | 26 66 | 152 1521 1522 |
| 32 585 | 23 778 | (S) | 129 | 429 | *8 163 | *132 | 23 941 | *5 171 | 19 | (S) | 20 | 1531 |
| 26 607 116 244 | 48 721 236 974 | 2 753 10 637 | 613 2 907 | 530 3 950 | 8 392 42 427 | 2 238 1 253 | (D) 202 591 | 134 661 51 386 | 9 7 | 10 6 | 21 35 | 154 1541 1542 |
| 63 703 | 41 514 | 38 785 | 8 092 | 16 675 | 147 690 | 1 060 | 107 029 | 60 554 | 4 | 4 | 6 | 1611 |
| 4 919 18 534 (D) | 1 637 6 952 (D) | 156 7 816 10 180 | 86 (S) 5 477 | (D) 6 370 5 170 | 6 082 34 090 34 674 | 155 591 716 | 19 087 35 480 101 159 | 10 029 22 939 50 969 | (Z) 10 7 | (Z) 8 (D) | (D) 25 29 | 162 1622 1623 1629 |
| 121 612 | 17 222 | 180 767 | 2 325 | 5 800 | 38 057 | 1 657 | 116 977 | 60 991 | 4 | 5 | 23 | 1711 |
| 7 695 | 666 | 16 293 | 348 | *705 | 3 442 | 224 | 8 146 | 5 105 | 14 | 11 | 48 | 1721 |
| 55 582 | 3 100 | 97 449 | 2 021 | 3 144 | 12 127 | 1 116 | 61 817 | 35 589 | 6 | 6 | 20 | 1731 |
| 13 457 19 468 *3 445 | 550 5 948 239 | 26 716 45 755 *8 643 | 351 856 *99 | (D) 465 *86 | 4 841 4 431 593 | 247 675 *93 | 11 543 40 875 4 462 | 5 612 18 477 *2 962 | (D) 7 43 | 12 10 39 | (D) 17 46 | 174 1741 1742 1743 |
| 15 633 (D) | 6 562 187 | 24 333 3 297 | 288 58 | 748 142 | 4 277 835 | 297 *74 | 16 062 5 549 | 8 757 *1 840 | 10 (Z) | 10 (Z) | 21 (Z) | 175 1751 1752 |
| 37 918 (D) | 3 363 (S) | 31 227 25 895 | 746 (S) | *895 1 478 | *9 575 11 059 | 983 385 | 57 472 22 063 | 27 576 12 178 | 13 13 | 15 14 | 54 37 | 1761 1771 |
| 8 455 | *924 | *2 205 | *640 | 1 095 | 7 369 | *64 | 2 693 | *2 362 | 10 | 15 | 26 | 1781 |
| 4 781 5 526 3 555 (D) (D) (D) 14 710 | 1 428 (S) *2 607 (D) (D) *2 760 | *4 845 5 256 17 822 (D) (D) 5 922 (D) | *843 108 558 (D) (D) 116 (D) 360 | 265 70 1 907 (D) (D) 116 538 | 4 427 568 10 521 (D) (D) (D) 3 557 | 153 84 (S) (D) (D) (D) (S) | 7 877 6 439 (D) (D) (D) 6 135 (S) | 6 195 3 198 (S) (D) (D) 3 167 (S) | 31 9 26 (D) (D) (Z) (D) | 28 12 23 (D) (D) (Z) 22 | 26 30 38 (D) (D) (Z) 32 | 179 1791 1793 1794 1795 1796 1799 |

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|-----------|-----------|-----------|-----------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 3 541 | 2 092 | 2 130 | 2 751 | 1 | 2 | 4 | 5 |
| Proprietors and working partners..... | 2 199 | 605 | 913 | 1 894 | 3 | 9 | 7 | 7 |
| All employees** | 22 217 | 13 847 | 15 739 | 19 165 | 2 | 2 | 2 | 3 |
| Construction workers: | | | | | | | | |
| March..... | 14 912 | 8 605 | 10 248 | 13 049 | 2 | 3 | 2 | 3 |
| May..... | 17 453 | 10 196 | 11 955 | 17 002 | 2 | 3 | 3 | 3 |
| August..... | 19 305 | 11 529 | 12 978 | 18 419 | 2 | 3 | 2 | 7 |
| November..... | 17 336 | 10 324 | 11 681 | 15 628 | 2 | 3 | 3 | 3 |
| Average..... | 17 252 | 10 164 | 11 949 | 16 039 | 2 | 2 | 2 | 3 |
| Other employees: | | | | | | | | |
| March..... | 4 993 | 3 593 | 3 751 | 2 969 | 2 | 3 | 3 | 3 |
| May..... | 4 871 | 3 664 | (NA) | (NA) | 2 | 3 | (NA) | (NA) |
| August..... | 5 055 | 3 857 | (NA) | (NA) | 2 | 3 | (NA) | (NA) |
| November..... | 4 946 | 3 621 | (NA) | (NA) | 2 | 3 | (NA) | (NA) |
| Average..... | 4 966 | 3 684 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| Payroll, all employees | 479 350 | 278 255 | 313 450 | 251 616 | 1 | 1 | 1 | 2 |
| Payroll, construction workers | 343 681 | 183 967 | 231 962 | 203 302 | 2 | 2 | 1 | 2 |
| Payroll, other employees | 135 669 | 94 287 | 81 487 | 48 314 | 2 | 2 | 2 | 2 |
| First quarter payroll, all employees | 100 079 | 58 945 | 65 171 | 50 728 | 2 | 2 | 1 | 1 |
| Fringe benefits, all employees | 107 302 | 72 834 | 63 678 | 45 674 | 2 | 2 | 2 | 2 |
| Legally required expenditures..... | 74 893 | 52 389 | 49 014 | 28 118 | 2 | 2 | 2 | 2 |
| Voluntary expenditures..... | 32 408 | 20 445 | 14 664 | 17 556 | 2 | 3 | 4 | 2 |
| Dollar value of business done | 2 358 226 | 1 996 105 | 1 286 327 | 1 112 794 | 2 | 1 | 2 | 2 |
| Value of construction work | 2 261 464 | 1 723 338 | 1 232 787 | 1 061 289 | 2 | 1 | 2 | 2 |
| Value of construction work subcontracted in from others | 587 742 | 276 677 | 194 409 | 209 893 | 5 | 7 | 24 | (Z) |
| Other business receipts | 96 762 | (S) | 50 354 | 51 504 | 5 | (S) | 4 | 5 |
| Net value of construction† | 1 709 621 | 765 202 | 927 323 | 814 188 | 2 | 2 | 2 | 2 |
| Value added†† | 1 014 179 | 585 196 | 475 451 | 478 981 | 2 | 2 | 2 | 2 |
| Selected costs | 1 344 046 | 1 407 150 | 807 689 | 617 253 | 2 | 1 | 2 | 3 |
| Materials, components, and supplies | 750 317 | 423 332 | 474 919 | 351 354 | 3 | 3 | 2 | 4 |
| Construction work subcontracted out to others | 551 842 | 958 135 | 305 463 | 247 101 | 3 | 1 | 2 | 3 |
| Selected power, fuels, and lubricants..... | 41 887 | 25 682 | 27 306 | 18 797 | 2 | 2 | 3 | 2 |
| Electricity..... | 5 106 | 6 071 | 3 189 | 1 702 | 4 | 4 | 5 | 5 |
| Natural gas..... | 1 838 | 1 114 | 792 | 986 | 4 | 6 | 6 | 7 |
| Gasoline and diesel fuel | 32 506 | 16 819 | 21 406 | 14 010 | 2 | 3 | 3 | 2 |
| On highway use..... | 23 835 | 11 520 | (NA) | (NA) | 3 | 3 | (NA) | (NA) |
| Off highway use..... | 8 671 | 5 298 | (NA) | (NA) | 3 | 5 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 2 437 | 1 677 | 1 918 | 2 100 | 7 | 9 | 7 | 7 |
| Rental cost for machinery, equipment, and buildings | 33 937 | 22 198 | 26 871 | 21 638 | 5 | 5 | 4 | 2 |
| For machinery and equipment | 25 578 | 15 499 | 21 207 | 19 034 | 5 | 6 | 5 | 2 |
| For buildings..... | 8 359 | 6 698 | 5 664 | 2 604 | 7 | 5 | 5 | 4 |
| Selected purchased services | 54 291 | 27 186 | 23 854 | 22 694 | 3 | 4 | 3 | 3 |
| Communication services | 10 372 | 8 981 | 7 104 | 4 183 | 5 | 4 | 3 | 7 |
| Repairs to buildings and other structures | 3 616 | 1 283 | 812 | 829 | 17 | 16 | 7 | 9 |
| Repairs to machinery and equipment | 40 302 | 16 920 | 15 937 | 17 682 | 3 | 5 | 3 | 3 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 2 261 464 | 1 723 338 | 1 232 787 | 1 061 289 | 2 | 1 | 2 | 2 |
| Government owned | 642 394 | 786 706 | 305 087 | 246 387 | 5 | 3 | 5 | 1 |
| Federal | 232 181 | 178 278 | (NA) | (NA) | 9 | 7 | (NA) | (NA) |
| State and local | 410 213 | 608 427 | (NA) | (NA) | 7 | 3 | (NA) | (NA) |
| Privately owned | 1 619 069 | 936 631 | 927 699 | 814 902 | 3 | 4 | 2 | 2 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|---------|---------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 373 525 | 194 987 | 4 | 8 |
| Capital expenditures, other than land | 54 465 | 17 840 | 6 | 9 |
| New | 32 619 | 12 061 | 8 | 12 |
| Used | 21 846 | 5 778 | 8 | 14 |
| Retirements and disposition of depreciable assets | 14 353 | 3 925 | 7 | 13 |
| End-of-year gross book value of depreciable assets | 413 638 | 208 902 | 4 | 8 |
| Depreciation charges during year | 43 915 | 21 149 | 4 | 5 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | 42 776 | 50 925 | 15 | 24 |
| Capital expenditures, other than land | 3 332 | 1 439 | 18 | 28 |
| New buildings and other structures | 2 543 | 510 | 23 | 29 |
| Used buildings and other structures | 789 | 928 | 18 | 39 |
| Retirements and disposition of depreciable assets | *1 679 | 228 | 41 | 21 |
| End-of-year gross book value of depreciable assets | 44 428 | 52 137 | 14 | 24 |
| Depreciation charges during year | 3 240 | 2 119 | 15 | 13 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 330 750 | 144 061 | 4 | 5 |
| Capital expenditures, other than land | 51 133 | 16 400 | 6 | 9 |
| New machinery and equipment, including automobiles and trucks | 30 076 | 11 550 | 9 | 12 |
| New automobiles and trucks, intended primarily for highway use | 11 432 | 6 769 | 12 | 15 |
| Used machinery and equipment, including automobiles and trucks | 21 057 | 4 849 | 8 | 13 |
| Retirements and disposition of depreciable assets | 12 674 | 3 697 | 6 | 13 |
| End-of-year gross book value of depreciable assets | 369 209 | 156 765 | 4 | 5 |
| Depreciation charges during year | 40 675 | 19 029 | 4 | 6 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|---|-----------------------------|---|
| All establishments: | | |
| Number | 3 541 | 1 |
| Value of construction work | 2 261 464 | 2 |
| Establishments with inventories: | | |
| Number | 1 163 | 4 |
| Value of construction work | 838 429 | 3 |
| Inventories ¹ : | | |
| End of 1992, materials and supplies | 33 961 | 12 |
| End of 1991, materials and supplies | 33 246 | 10 |
| Establishments with no inventories: | | |
| Number | 1 160 | 5 |
| Value of construction work | 924 836 | 3 |
| Establishments not reporting: | | |
| Number | 1 218 | 4 |
| Value of construction work | 498 199 | 4 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|-----------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 3 541 | (S) | 619 | 324 | 149 | 38 | 11 | 1 | 1 | — |
| All employees** | 22 217 | 4 482 | 4 008 | 4 244 | 4 249 | 2 367 | 2 867 | (D) | (D) | — |
| Payroll, all employees | 479 350 | 69 185 | 73 265 | 88 194 | 102 388 | 67 777 | 78 541 | (D) | (D) | — |
| Dollar value of business done | 2 358 226 | 461 729 | 354 741 | 432 127 | 469 904 | 292 245 | 347 480 | (D) | (D) | — |
| Value of construction work | 2 261 464 | 454 069 | 348 236 | 421 893 | 451 359 | 287 368 | 298 538 | (D) | (D) | — |
| Net value of construction work† | 1 709 621 | 366 323 | 271 707 | 346 261 | 322 522 | 204 224 | 198 585 | (D) | (D) | — |
| Value added†† | 1 014 179 | 201 165 | 150 007 | 197 631 | 184 146 | 120 896 | 160 335 | (D) | (D) | — |
| Cost of materials, components, supplies, and fuels | 792 204 | 172 817 | 128 206 | 158 864 | 156 920 | 88 205 | 87 192 | (D) | (D) | — |
| Cost of construction work subcontracted out to others | 551 842 | 87 746 | 76 529 | 75 632 | 128 837 | 83 144 | 99 953 | (D) | (D) | — |
| Rental cost for machinery, equipment, and buildings | 33 937 | 4 387 | 5 436 | 4 809 | 6 309 | 5 931 | 7 066 | (D) | (D) | — |
| Capital expenditures, other than land | 54 465 | 9 852 | 6 692 | 12 482 | 8 884 | 10 050 | 6 506 | (D) | (D) | — |
| End-of-year gross book value of depreciable assets | 413 638 | 67 331 | 38 026 | 76 338 | 76 576 | 67 702 | 87 664 | (D) | (D) | — |
| 1987 | | | | | | | | | | |
| All employees** | 13 847 | (S) | 2 544 | 2 885 | 2 206 | 3 432 | (D) | — | — | (D) |
| Value of construction work | 1 723 338 | (S) | 431 771 | (D) | 1 087 573 | (D) | (D) | — | — | (D) |
| Value added†† | 585 196 | (S) | (D) | 208 635 | (D) | 200 540 | (D) | — | — | (D) |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 2 | 5 | 9 | 8 | 5 | (Z) | (Z) | (D) | (D) | — |
| Net value of construction work† | 2 | 7 | 9 | 7 | 4 | (Z) | (Z) | (D) | (D) | — |
| Capital expenditures, other than land | 6 | 16 | 27 | 18 | 3 | (Z) | (Z) | (D) | (D) | — |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|-----------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 3 541 | (S) | (S) | (S) | 1 028 | 595 | 514 | 278 | 93 | 37 | 26 |
| All employees** | 22 217 | (S) | (S) | (S) | 2 758 | 2 722 | 3 763 | 4 032 | 2 895 | 1 494 | 3 403 |
| Payroll, all employees | 479 350 | (S) | (S) | (S) | 37 844 | 47 521 | 68 073 | 88 417 | 78 927 | 45 441 | 101 356 |
| Dollar value of business done | 2 358 226 | (S) | (S) | (S) | 169 629 | 205 019 | 355 768 | 427 139 | 316 234 | 243 562 | 592 995 |
| Value of construction work | 2 261 464 | (S) | (S) | (S) | 167 696 | 203 112 | 349 626 | 410 409 | 304 425 | 237 621 | 540 956 |
| Net value of construction work† | 1 709 621 | (S) | (S) | (S) | 148 880 | 176 764 | 293 064 | 325 061 | 241 094 | 173 883 | 306 585 |
| Value added†† | 1 014 179 | (S) | (S) | (S) | 86 371 | 101 714 | 157 700 | 191 882 | 143 508 | 100 124 | 207 028 |
| Cost of materials, components, supplies, and fuels | 792 204 | (S) | (S) | (S) | 64 442 | 76 958 | 141 505 | 149 909 | 109 395 | 79 700 | 151 596 |
| Cost of construction work subcontracted out to others | 551 842 | (S) | (S) | (S) | (S) | 26 347 | 56 562 | 85 348 | 63 331 | 63 738 | 234 371 |
| Rental cost for machinery, equipment, and buildings | 33 937 | (S) | (S) | (S) | 2 184 | 2 635 | 3 741 | 5 900 | 5 072 | 4 253 | 9 199 |
| Capital expenditures, other than land | 54 465 | (S) | (S) | (S) | 4 397 | 4 790 | 8 498 | 10 414 | 10 216 | 5 490 | 9 244 |
| End-of-year gross book value of depreciable assets | 413 638 | (S) | (S) | (S) | 28 209 | 39 485 | 45 045 | 64 375 | 80 175 | 29 747 | 117 306 |
| 1987 | | | | | | | | | | | |
| All employees** | 13 847 | 154 | (S) | (S) | 1 773 | 1 802 | 2 068 | 2 618 | 1 311 | 562 | 2 586 |
| Value of construction work | 1 723 338 | (D) | (S) | (S) | 1 687 865 | (D) | (D) | (D) | (D) | (D) | (D) |
| Value added†† | 585 196 | 1 088 | (S) | (S) | (D) | (D) | 197 919 | 386 189 | (D) | (D) | (D) |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 2 | (S) | (S) | (S) | 8 | 9 | 9 | 7 | 4 | 2 | (Z) |
| Net value of construction work† | 2 | (S) | (S) | (S) | 7 | 9 | 9 | 8 | 5 | 4 | (Z) |
| Capital expenditures, other than land | 6 | (S) | (S) | (S) | 21 | 25 | 22 | 20 | 5 | 1 | (Z) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 8. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

| Type of construction | Value of construction work | | | | Relative standard error of estimate (percent) for column— | | | |
|--|----------------------------|------------------|---|------------------------|---|----------|----------|----------|
| | Total | New construction | Additions, alterations, or reconstruction | Maintenance and repair | A | B | C | D |
| | A | B | C | D | A | B | C | D |
| 1992 | | | | | | | | |
| Value of construction work | 2 261 464 | 1 433 240 | 461 848 | 287 671 | 2 | 2 | 4 | 4 |
| Building construction | 1 622 407 | 1 092 051 | 325 951 | 204 405 | 2 | 3 | 5 | 5 |
| Single-family houses | 614 610 | 483 047 | 80 270 | 51 294 | 5 | 6 | 10 | 9 |
| Single-family houses, detached | 582 223 | 458 097 | 75 521 | 48 606 | 5 | 6 | 10 | 10 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 32 387 | 24 950 | 4 749 | (S) | 12 | 13 | 19 | (S) |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 40 136 | 32 805 | 3 541 | 3 789 | 9 | 11 | 25 | 18 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 25 658 | 18 737 | 3 906 | *3 015 | 26 | 33 | 21 | 45 |
| Hotels, motels, and tourist cabins..... | 11 561 | 8 690 | 1 819 | 1 052 | 9 | 10 | 15 | 18 |
| Other residential buildings | *14 097 | *10 047 | 2 087 | *1 963 | 46 | 62 | 37 | 69 |
| Office buildings | 104 403 | 48 966 | 22 650 | 32 787 | 6 | 8 | 10 | 9 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 211 900 | 134 725 | 58 206 | 18 969 | 7 | 9 | 7 | 18 |
| Industrial buildings and warehouses | 269 174 | 138 726 | 71 731 | 58 717 | 6 | 7 | 11 | 9 |
| Industrial buildings | 225 369 | 108 608 | 60 602 | 56 159 | 7 | 8 | 13 | 9 |
| Warehouses | 43 805 | 30 118 | 11 129 | 2 558 | 14 | 20 | 8 | 13 |
| Religious buildings | 46 377 | 19 734 | 23 031 | 3 612 | 24 | 24 | 31 | 30 |
| Educational buildings | 112 132 | 83 840 | 20 121 | 8 172 | 4 | 4 | 13 | 23 |
| Hospitals and institutional buildings | 92 419 | 62 812 | 24 870 | 4 737 | 5 | 2 | 14 | 19 |
| Farm buildings, nonresidential | 46 123 | 35 597 | 5 870 | 4 656 | 15 | 17 | 24 | 24 |
| Amusement, social, and recreational buildings, indoors | 12 156 | 7 392 | (D) | (D) | 14 | 14 | (D) | (D) |
| Other nonresidential buildings | 47 319 | 25 671 | (D) | (D) | 14 | 19 | (D) | (D) |
| Nonbuilding construction..... | 560 352 | 341 189 | 135 897 | 83 266 | 3 | 3 | 5 | 8 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 225 595 | 98 060 | 81 020 | 46 516 | 4 | 6 | 4 | 11 |
| Private driveways and parking areas | 13 181 | 7 522 | 3 050 | (S) | 6 | 4 | 4 | (S) |
| Bridges, tunnels, and elevated highways | 55 495 | 44 651 | (D) | (D) | 5 | 4 | (D) | (D) |
| Conservation and development construction | 21 739 | 16 177 | (D) | (D) | 22 | 28 | (D) | (D) |
| Power and communication transmission lines, towers, and related facilities..... | 28 156 | 16 980 | 6 888 | 4 287 | 16 | 20 | 17 | 35 |
| Sewers, water mains, and related facilities..... | 74 857 | 59 836 | 6 464 | 8 557 | 13 | 14 | 22 | 25 |
| Sewers, sewer lines, septic systems, and related facilities | 34 068 | 27 760 | 2 756 | 3 552 | 16 | 19 | 23 | 28 |
| Water mains and related facilities..... | 40 789 | 32 076 | 3 708 | 5 005 | 15 | 16 | 26 | 26 |
| Pipeline construction other than sewer or water lines | (S) | (S) | 6 391 | 1 826 | (S) | (S) | 12 | 26 |
| Power plants | 13 208 | 6 849 | *3 405 | 2 953 | 15 | 2 | 53 | 11 |
| Other nonbuilding construction | 101 413 | 72 620 | 20 658 | 8 135 | 6 | 4 | 24 | 15 |
| Construction work, n.s.k. | 78 704 | (NA) | (NA) | (NA) | 10 | (NA) | (NA) | (NA) |
| 1987 | | | | | | | | |
| Value of construction work | 1 723 338 | 1 107 234 | 299 876 | 257 120 | 1 | 2 | 4 | 3 |
| Building construction | 1 169 978 | 716 423 | 218 991 | 232 406 | 2 | 3 | 5 | 2 |
| Single-family houses | 217 548 | 140 231 | 46 109 | 31 208 | 7 | 8 | 18 | 11 |
| Single-family houses, detached | 198 476 | 126 630 | 44 359 | 27 485 | 7 | 9 | 18 | 12 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 19 072 | 13 601 | 1 750 | 3 723 | 13 | 17 | 11 | 13 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 13 884 | 7 915 | 4 422 | 1 546 | 15 | 26 | 6 | 16 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 38 638 | 31 546 | 4 126 | 2 965 | 30 | 36 | 8 | 19 |
| Hotels, motels, and tourist cabins..... | 30 886 | *26 026 | 3 098 | 1 781 | 37 | 44 | 6 | 26 |
| Other residential buildings | 7 752 | 5 520 | 1 028 | 1 204 | 10 | 12 | 25 | 28 |
| Office buildings | 68 814 | 51 067 | 13 236 | 4 511 | 11 | 14 | 13 | 14 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 105 849 | 69 446 | 28 537 | 7 865 | 7 | 8 | 16 | 7 |
| Industrial buildings and warehouses | 589 183 | (D) | 84 417 | (D) | 1 | (D) | 3 | (D) |
| Industrial buildings | 554 696 | (D) | 77 015 | (D) | 1 | (D) | 2 | (D) |
| Warehouses | 34 487 | 25 760 | 7 402 | 1 324 | 15 | 20 | 13 | 25 |
| Religious buildings | 20 296 | 11 036 | 6 526 | 2 733 | 16 | 24 | 24 | 23 |
| Educational buildings | 55 853 | 42 683 | 11 387 | 1 782 | 10 | 10 | 33 | 21 |
| Hospitals and institutional buildings | 25 675 | 15 517 | 8 619 | 1 538 | 7 | 9 | 11 | 14 |
| Farm buildings, nonresidential | 13 959 | 11 438 | 1 125 | 1 394 | 9 | 10 | 22 | 20 |
| Amusement, social, and recreational buildings, indoors | 2 610 | 1 109 | 1 069 | 432 | 16 | 21 | 8 | 31 |
| Other nonresidential buildings | 17 662 | 7 421 | 9 415 | 825 | 15 | 28 | 15 | 7 |
| Nonbuilding construction..... | 494 253 | 388 657 | 80 882 | 24 713 | 2 | 2 | 4 | 15 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 106 754 | 44 955 | 56 657 | 5 142 | 6 | 12 | 4 | 8 |
| Private driveways and parking areas | 7 376 | *4 616 | 1 038 | *1 721 | 34 | 41 | 22 | 56 |
| Bridges, tunnels, and elevated highways | 130 584 | 130 066 | *400 | 117 | 1 | 1 | 62 | 32 |
| Conservation and development construction | 5 771 | 3 095 | 460 | *2 215 | 26 | 26 | 22 | 46 |
| Power and communication transmission lines, towers, and related facilities..... | 30 910 | 27 615 | 1 977 | 1 316 | 6 | 3 | 36 | 20 |
| Sewers, water mains, and related facilities..... | 22 417 | 15 259 | *2 411 | *4 745 | 13 | 11 | 49 | 41 |
| Sewers, sewer lines, septic systems, and related facilities | 7 651 | 4 407 | *1 808 | *1 435 | 20 | 15 | 63 | 55 |
| Water mains and related facilities..... | 14 766 | 10 852 | 603 | *3 310 | 16 | 12 | 33 | 53 |
| Pipeline construction other than sewer or water lines | *6 123 | *5 039 | (S) | *435 | 63 | 62 | (S) | 57 |
| Power plants | 21 877 | 19 146 | 2 394 | *338 | 8 | 9 | 12 | 55 |
| Other nonbuilding construction | 162 440 | 169 101 | 16 670 | 9 434 | (NA) | (NA) | (NA) | (NA) |
| Construction work, n.s.k. | 59 105 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F | |
| | | | | A | B | C | D | E | F | A | B | C | D | E |
| 15, 16, 17 | Construction industries ----- | 3 541 | 17 252 | 14 912 | 17 453 | 19 305 | 17 336 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 774 | 1 917 | 1 669 | 2 021 | 2 099 | 1 880 | 5 | 8 | 9 | 9 | 8 | 8 | 8 |
| 1522 | Other residential buildings ----- | 23 | *76 | *72 | *90 | *76 | *64 | 36 | 40 | 42 | 40 | 40 | 40 | 42 |
| 1531 | Operative builders ----- | 123 | 172 | 184 | 162 | 176 | 168 | 19 | 25 | 25 | 26 | 21 | 29 | |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 45 | 424 | 417 | 379 | 479 | 421 | 18 | 8 | 7 | 9 | 9 | 9 | 9 |
| 1542 | Nonresidential buildings, n.e.c. --- | 172 | 1 928 | 1 635 | 1 899 | 2 214 | 1 964 | 13 | 8 | 7 | 9 | 8 | 8 | 8 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 76 | 1 651 | 1 265 | 1 834 | 1 994 | 1 513 | 10 | 4 | 4 | 5 | 5 | 5 | 5 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 4 | 81 | 77 | 84 | 87 | 77 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) |
| 1623 | Water, sewer, and utility lines ----- | 54 | 678 | 501 | 724 | 779 | 706 | 19 | 9 | 9 | 9 | 11 | 11 | 11 |
| 1629 | Heavy construction, n.e.c. ----- | 141 | 1 203 | 1 192 | 1 312 | 1 219 | 1 089 | 15 | 9 | 8 | 9 | 9 | 9 | 10 |
| 17 | Special trade contractors: | | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 396 | 2 360 | 2 206 | 2 239 | 2 535 | 2 458 | 3 | 5 | 5 | 5 | 5 | 6 | |
| 1721 | Painting and paper hanging ----- | 191 | 466 | 306 | 444 | 591 | 524 | 8 | 12 | 12 | 9 | 16 | 15 | |
| 1731 | Electrical work ----- | 273 | 1 297 | 1 183 | 1 229 | 1 387 | 1 390 | 5 | 6 | 7 | 8 | 8 | 6 | |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 106 | 448 | 392 | 512 | 529 | 357 | 9 | 11 | 13 | 12 | 13 | 19 | |
| 1742 | Plastering, drywall, and insulation work ----- | 143 | 872 | 767 | 762 | 1 023 | 933 | 4 | 8 | 8 | 7 | 9 | 9 | |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 37 | *110 | 81 | *135 | *112 | *113 | 22 | 44 | 32 | 49 | 41 | 46 | |
| 175 | Carpentry and floor work: | | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 272 | 724 | 624 | 744 | 815 | 713 | 6 | 10 | 9 | 10 | 12 | 10 | 10 |
| 1752 | Floor laying and other floor work -- | 42 | 73 | 69 | 70 | 82 | 70 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) |
| 1761 | Roofing, siding, and sheet metal work ----- | 165 | 811 | 653 | 835 | 948 | 805 | 12 | 14 | 15 | 15 | 15 | 13 | |
| 1771 | Concrete work ----- | 195 | 769 | 598 | 783 | 875 | 820 | 8 | 13 | 15 | 13 | 13 | 15 | |
| 1781 | Water well drilling ----- | 44 | 156 | 141 | 170 | 166 | 147 | 18 | 13 | 15 | 12 | 14 | 14 | |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 27 | 158 | 160 | 162 | 155 | 156 | 32 | 31 | 27 | 29 | 34 | 35 | |
| 1793 | Glass and glazing work ----- | 20 | 86 | 86 | 77 | 89 | 94 | 14 | 8 | 10 | 7 | 6 | 7 | |
| 1794 | Excavation work ----- | 83 | 233 | 195 | 237 | 272 | 228 | 19 | 27 | 28 | 28 | 26 | 29 | |
| 1795 | Wrecking and demolition work ----- | 1 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | |
| 1796 | Installing building equipment, n.e.c. ----- | 6 | 70 | 61 | 81 | 65 | 71 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | |
| 1799 | Special trade contractors, n.e.c. --- | 127 | (D) | (D) | (D) | (D) | (D) | 16 | (D) | (D) | (D) | (D) | (D) | (D) |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees* per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|--|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 6.3 | 21.6 | 131.1 | .212 | .350 | .244 | .260 | .015 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 3.2 | 15.8 | 155.8 | .132 | .382 | .315 | .035 | .006 |
| 1522 | Other residential buildings ----- | 5.2 | 20.0 | 326.5 | .098 | .357 | .457 | (S) | .017 |
| 1531 | Operative builders ----- | 2.4 | 26.1 | (S) | (S) | (S) | (S) | (S) | (S) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 13.3 | 26.3 | 241.3 | .153 | .260 | .476 | .027 | .006 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 15.5 | 24.4 | 229.0 | .147 | .263 | .537 | .024 | .007 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 26.4 | 24.4 | 134.7 | .221 | .286 | .187 | .174 | .036 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 25.0 | 28.8 | 150.4 | .236 | .404 | .134 | .013 | .007 |
| 1623 | Water, sewer, and utility lines ----- | 14.8 | 26.9 | 102.6 | .307 | .266 | .100 | .112 | (S) |
| 1629 | Heavy construction, n.e.c. ----- | 13.7 | 27.2 | 150.8 | .291 | (D) | (D) | .056 | .030 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 7.9 | 22.7 | 113.3 | .266 | .455 | .064 | .676 | .009 |
| 1721 | Painting and paper hanging ----- | 2.8 | 14.8 | 55.6 | .304 | .297 | .026 | .629 | .013 |
| 1731 | Electrical work ----- | 6.0 | 25.6 | 103.2 | .313 | .415 | .023 | .728 | .015 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | (D) | (D) | 66.5 | .331 | .452 | .018 | .897 | .012 |
| 1742 | Plastering, drywall, and insulation work ----- | 6.8 | 16.9 | 61.9 | .302 | .361 | .110 | .848 | .016 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 3.3 | 14.8 | 67.6 | .242 | .464 | .032 | (S) | .013 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 3.1 | 14.1 | 65.2 | .252 | .331 | .139 | .516 | .006 |
| 1752 | Floor laying and other floor work ----- | 2.0 | 11.0 | 56.9 | .218 | (D) | .045 | .794 | .014 |
| 1761 | Roofing, siding, and sheet metal work ----- | 6.0 | 15.1 | 84.5 | .217 | .553 | .049 | .456 | .011 |
| 1771 | Concrete work ----- | 4.4 | 17.1 | 80.7 | .237 | (D) | (S) | .417 | (S) |
| 1781 | Water well drilling ----- | 4.6 | 22.4 | 133.7 | .217 | .405 | .044 | .106 | *.031 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | 7.4 | 25.1 | 95.5 | .329 | .317 | .095 | .321 | .056 |
| 1793 | Glass and glazing work ----- | 6.7 | 17.8 | 114.7 | .238 | .560 | (S) | .533 | .011 |
| 1794 | Excavation work ----- | 3.3 | 16.8 | 94.2 | .208 | .162 | *.119 | .812 | .025 |
| 1795 | Wrecking and demolition work ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 19.2 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1799 | Special trade contractors, n.e.c. ----- | (D) | (D) | (D) | (D) | .351 | .066 | (D) | .009 |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

[Not applicable]

Contents

Montana

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Statistics for Establishments With Payroll

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-- Not applicable for this report.

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Montana. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 9,099 establishments in this State operating in the construction industries. These establishments accounted for \$1.6 billion in total dollar value of business done.

Most of the 9,099 construction establishments were small. Of the total, 6,538 were nonemployers, and over half of the employer establishments had less than 5 employees. The 740 construction establishments with 5 employees or more, while representing only 8 percent of all establishments, accounted for more than 72 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$1.5 billion in total dollar value of business done. Of this amount, \$1.4 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$326 million, leaving net value of construction work of \$1.1 billion. In addition, these establishments paid out \$576 million for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$609 million. (See Introduction and appendixes for explanation of terms.)

There were 2,561 establishments with total employment averaging 13,369 during the year. Total payroll for 1992 was \$294 million.

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

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

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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 6,538 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$174 million. Most of these establishments, about 80 percent, were special trade contractors.

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

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

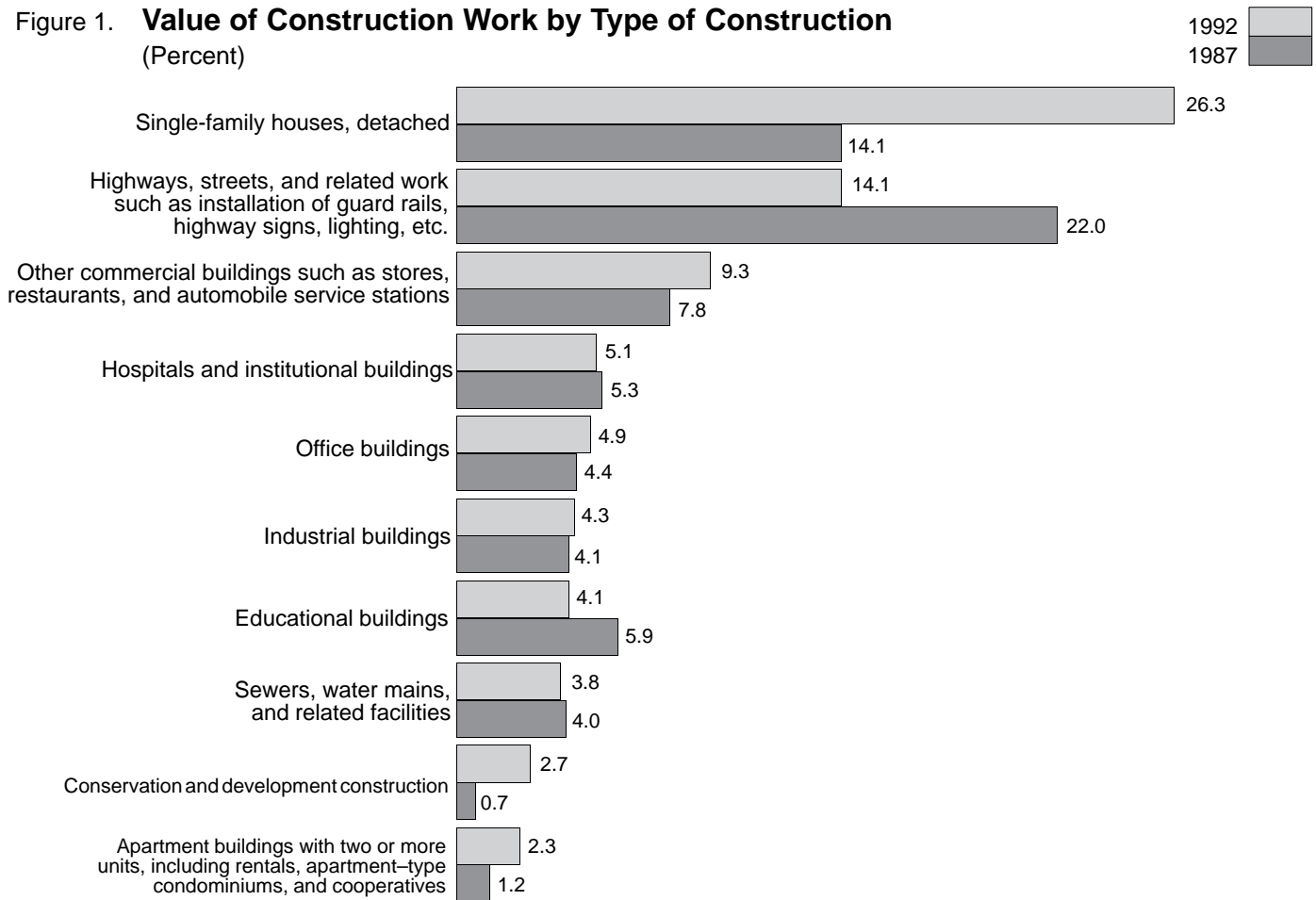


Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

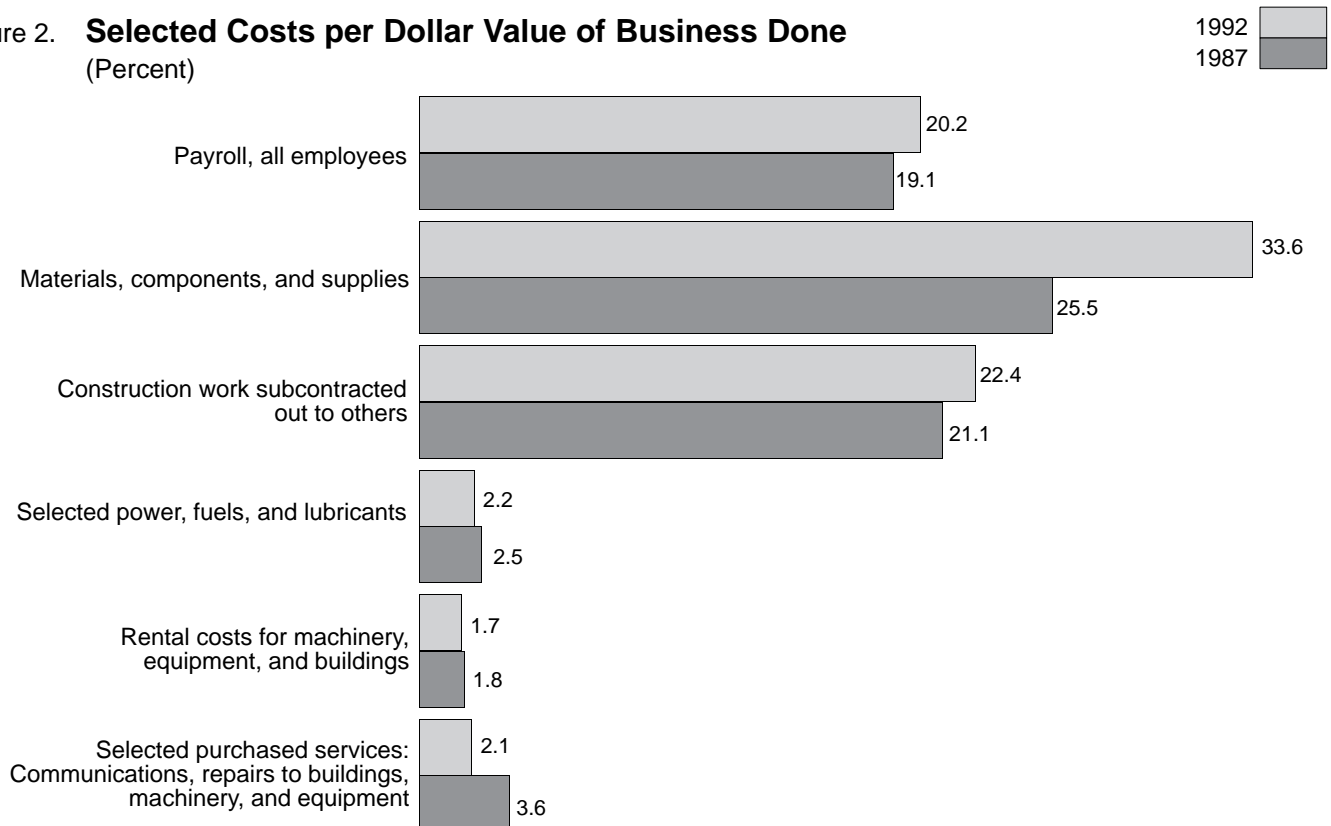


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— J K | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|--|---|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | |
| | | A | B | C | D | E | F | G | H | I | J | K | | |
| 1992 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 9 099 | 8 362 | 13 369 | 1 629 698 | 6 538 | 6 605 | 173 542 | 2 561 | 1 757 | 13 369 | 1 456 156 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders ---- | 1 971 | 1 748 | 3 746 | 568 306 | 1 083 | 1 119 | 51 685 | 888 | 629 | 3 746 | 516 621 | 4 | 5 |
| 16 | Heavy construction other than building construction— contractors----- | 471 | 336 | 3 286 | 417 198 | 225 | 213 | 7 703 | 246 | 123 | 3 286 | 409 495 | 3 | 2 |
| 17 | Special trade contractors ----- | 6 657 | 6 278 | 6 337 | 644 194 | 5 230 | 5 273 | 114 154 | 1 427 | 1 005 | 6 337 | 530 040 | 3 | 3 |
| 1711 | Plumbing, heating, and air-conditioning -- | 527 | 433 | 1 344 | 139 520 | 250 | 255 | 10 093 | 277 | 178 | 1 344 | 129 427 | 6 | 6 |
| 1731 | Electrical work----- | 484 | 352 | 1 159 | 96 307 | 264 | 265 | 8 653 | 220 | 87 | 1 159 | 87 654 | 6 | 7 |
| 1987 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 8 807 | 7 478 | 10 186 | 1 233 681 | 6 670 | 6 685 | 226 722 | 2 137 | 793 | 10 186 | 1 006 959 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders ---- | 2 151 | 1 755 | 2 272 | 364 693 | 1 568 | 1 535 | 63 113 | 583 | 220 | 2 272 | 301 580 | 7 | 7 |
| 16 | Heavy construction other than building construction— contractors----- | 549 | 306 | 3 395 | 429 850 | 221 | 210 | 15 765 | 328 | 96 | 3 395 | 414 085 | 3 | 2 |
| 17 | Special trade contractors ----- | 5 887 | 5 164 | 4 504 | 398 986 | 4 675 | 4 699 | 107 813 | 1 212 | 465 | 4 504 | 291 173 | 8 | 5 |
| 1711 | Plumbing, heating, and air-conditioning -- | 544 | 392 | 1 041 | 89 932 | 303 | 303 | 13 155 | 241 | 89 | 1 041 | 76 777 | 7 | 5 |
| 1731 | Electrical work----- | 467 | 345 | 756 | 56 214 | 295 | 292 | 10 059 | 172 | 53 | 756 | 46 155 | 6 | 5 |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|-------------------|--|--------------------------|---------------|----------------------|----------------|----------------------|----------------------------|---------------------------------|----------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added‡ |
| | | | All | Construction workers | All employees | Construction workers | | | |
| A | B | C | D | E | F | G | H | | |
| 15, 16, 17 | Construction industries¹ ----- | 2 561 | 13 369 | 10 600 | 294 240 | 218 647 | 1 415 411 | 1 089 188 | 608 848 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses----- | 645 | 1 882 | 1 530 | 29 448 | 23 432 | 201 058 | 144 129 | 57 404 |
| 1522 | Other residential buildings----- | 41 | 167 | 138 | 2 458 | 1 833 | 19 207 | 12 722 | 7 271 |
| 1531 | Operative builders----- | 61 | 247 | 160 | 8 130 | 3 444 | 68 143 | 42 793 | 23 185 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses----- | 31 | 242 | 163 | 6 602 | 4 711 | 34 081 | 21 019 | 8 888 |
| 1542 | Nonresidential buildings, n.e.c.----- | 110 | 1 209 | 938 | 26 082 | 18 450 | 184 887 | 89 049 | 28 426 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction----- | 90 | 1 603 | 1 359 | 49 428 | 38 788 | 223 102 | 181 036 | 124 535 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction----- | 5 | 111 | 100 | (D) | 2 314 | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines----- | 52 | 613 | 513 | 18 480 | 13 973 | 52 728 | 49 438 | 35 371 |
| 1629 | Heavy construction, n.e.c.----- | 99 | 960 | 774 | 21 789 | 16 706 | 108 012 | (D) | 53 330 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning----- | 277 | 1 344 | 973 | 34 090 | 23 621 | 126 259 | 112 947 | 63 217 |
| 1721 | Painting and paper hanging----- | 114 | 442 | 359 | 7 118 | 5 639 | 22 487 | 21 351 | 16 175 |
| 1731 | Electrical work----- | 220 | 1 159 | 874 | 28 754 | 22 516 | 85 896 | 82 868 | 46 127 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework----- | 59 | 312 | 278 | 4 784 | (D) | 17 932 | (D) | (D) |
| 1742 | Plastering, drywall, and insulation work----- | 60 | 207 | 177 | 3 829 | 2 955 | 16 859 | 14 441 | 7 704 |
| 1743 | Terrazzo, tile, marble, and mosaic work----- | 13 | 29 | 24 | 380 | 283 | 2 003 | 1 978 | 1 116 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry----- | 140 | 380 | 293 | 8 197 | 5 077 | 54 393 | (D) | 17 173 |
| 1752 | Floor laying and other floor work----- | 19 | 44 | 37 | 621 | 560 | 2 191 | 2 114 | 1 293 |
| 1761 | Roofing, siding, and sheet metal work----- | 103 | 702 | 560 | 12 123 | 8 466 | 60 193 | 55 494 | 24 069 |
| 1771 | Concrete work----- | 164 | 578 | 512 | 8 710 | 7 568 | 40 825 | 38 454 | 22 067 |
| 1781 | Water well drilling----- | 56 | 149 | 120 | 2 494 | 1 948 | 13 681 | 13 374 | 7 460 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection----- | 2 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1793 | Glass and glazing work----- | 9 | 88 | 54 | 1 830 | 1 153 | 9 124 | 9 069 | 4 520 |
| 1794 | Excavation work----- | 69 | 191 | 142 | 3 321 | 2 572 | 14 218 | 13 339 | 9 159 |
| 1795 | Wrecking and demolition work----- | — | — | — | — | — | — | — | — |
| 1796 | Installing building equipment, n.e.c.----- | 10 | 138 | 119 | 2 736 | 2 454 | 7 002 | 6 944 | 5 595 |
| 1799 | Special trade contractors, n.e.c.----- | 112 | (D) | (D) | 9 831 | 5 960 | 35 508 | 34 249 | 24 614 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|--|--|--|--|---------------------------------------|--|--------------------------------------|---|---|---|----------------------------------|-----------------------------------|---|
| 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 of machinery, equipment, and buildings | Capital expenditures, other than land | End-of-year gross book value of depreciable assets | All employees** | Value of construction work | Value added†† | B | G | M | |
| I | J | K | L | M | N | O | P | Q | | | | |
| 521 084 | 326 224 | 343 525 | 24 715 | 50 815 | 311 246 | 10 186 | 975 525 | 507 705 | 2 | 2 | 6 | 15, 16, 17 |
| 92 009 5 451 | 56 929 6 485 | (S) 460 | 1 155 (S) | 2 577 *231 | 12 119 1 091 | 815 160 | 63 289 32 855 | 26 983 *9 678 | 8 30 | 10 22 | 26 74 | 152 1522 |
| 20 138 | 25 351 | 136 | *105 | *33 | *1 095 | 111 | 27 657 | 5 340 | 20 | 10 | 51 | 1531 |
| 12 823 63 363 | *13 062 95 839 | *1 366 *3 941 | *223 1 448 | *1 367 3 048 | *7 540 17 186 | *168 1 018 | 25 765 141 287 | 6 672 40 056 | 28 9 | 36 7 | 70 12 | 154 1541 1542 |
| 65 957 | 42 065 | 46 724 | 8 874 | 20 079 | 116 238 | 1 616 | 199 781 | 135 273 | 5 | 4 | 11 | 1611 |
| 5 571 14 648 (D) | 1 015 3 289 (D) | 3 021 *2 653 21 299 | 232 2 519 3 978 | 418 2 745 5 353 | 4 126 18 227 41 967 | 112 662 1 005 | 7 460 56 186 143 278 | 4 929 34 282 83 946 | (Z) 11 8 | (D) 8 (D) | (Z) 22 27 | 162 1622 1623 1629 |
| 52 898 | 13 312 | 85 781 | 1 698 | 3 144 | 17 727 | 1 041 | 73 898 | 38 946 | 6 | 6 | 24 | 1711 |
| 6 669 | 1 136 | 9 706 | 245 | 780 | 4 405 | 151 | 6 462 | 5 010 | 12 | 14 | 18 | 1721 |
| 38 498 | 3 028 | 50 865 | 851 | 2 926 | 12 321 | 756 | 44 169 | 27 956 | 6 | 7 | 36 | 1731 |
| 6 688 8 711 880 | (D) *2 418 (S) | 16 383 11 370 1 850 | 105 102 7 | (D) 224 20 | (S) 1 347 378 | 191 131 (S) | 9 622 5 348 (S) | 5 538 3 737 (S) | 16 13 (Z) | (D) 11 (Z) | (D) 13 (Z) | 174 1741 1742 1743 |
| (D) (S) | (D) 77 | 11 810 (S) | 478 38 | 614 70 | 4 875 (S) | 455 (S) | 37 326 (S) | 16 548 (S) | 14 (Z) | (D) (Z) | 11 (Z) | 175 1751 1752 |
| 31 573 | *4 699 | 31 808 | 442 | *1 898 | 7 814 | 356 | 27 697 | 14 986 | 13 | 18 | 40 | 1761 |
| 18 754 | 2 371 | 19 451 | 665 | 1 581 | 8 514 | 188 | 8 167 | 4 955 | 15 | 12 | 39 | 1771 |
| (D) | (S) | 1 279 | 164 | 391 | 7 667 | 155 | 8 494 | 6 194 | 6 | 7 | 18 | 1781 |
| (D) 5 138 4 751 — 1 349 17 522 | (D) 56 879 — 58 1 259 | (D) (S) 5 555 — *3 281 (D) | (D) 136 780 — 72 (D) | (D) 24 2 194 — (D) 666 | (D) 510 12 317 — *1 032 (D) | (D) 75 (S) (S) 84 474 | (D) (D) (S) (S) 7 699 21 430 | (D) 2 848 (S) (S) 5 219 14 598 | (D) 17 18 — 20 (D) | (D) 12 14 — 24 16 | (D) 18 36 — (D) 35 | 179 1791 1793 1794 1795 1796 1799 |

CONSTRUCTION—GEOGRAPHIC AREA SERIES

MONTANA MT-7

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|-----------|-----------|---------|---------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 2 561 | 2 137 | 2 227 | 2 602 | 1 | 2 | 4 | 5 |
| Proprietors and working partners..... | 1 757 | 793 | 924 | 1 916 | 3 | 8 | 7 | 7 |
| All employees** | 13 369 | 10 186 | 12 755 | 15 691 | 2 | 2 | 2 | 3 |
| Construction workers: | | | | | | | | |
| March..... | 8 613 | 6 564 | 8 283 | 10 636 | 2 | 3 | 3 | 4 |
| May..... | 10 895 | 8 092 | 10 147 | 14 487 | 2 | 3 | 3 | 3 |
| August..... | 12 282 | 9 302 | 12 287 | 15 977 | 2 | 2 | 3 | 3 |
| November..... | 10 611 | 7 939 | 10 251 | 13 991 | 2 | 3 | 3 | 4 |
| Average..... | 10 600 | 7 974 | 10 510 | 13 785 | 2 | 2 | 3 | 3 |
| Other employees: | | | | | | | | |
| March..... | 2 632 | 2 137 | 2 205 | 1 732 | 3 | 4 | 5 | 6 |
| May..... | 2 722 | 2 202 | (NA) | (NA) | 4 | 4 | (NA) | (NA) |
| August..... | 2 878 | 2 284 | (NA) | (NA) | 3 | 4 | (NA) | (NA) |
| November..... | 2 844 | 2 223 | (NA) | (NA) | 3 | 4 | (NA) | (NA) |
| Average..... | 2 769 | 2 212 | (NA) | (NA) | 3 | 4 | (NA) | (NA) |
| Payroll, all employees | 294 240 | 192 743 | 199 589 | 175 385 | 2 | 2 | 2 | 3 |
| Payroll, construction workers | 218 647 | 140 231 | 160 709 | 149 055 | 2 | 2 | 2 | 4 |
| Payroll, other employees | 75 593 | 52 511 | 38 880 | 26 330 | 2 | 3 | 3 | 4 |
| First quarter payroll, all employees | 53 594 | 38 902 | 39 057 | 31 203 | 3 | 3 | 2 | 3 |
| Fringe benefits, all employees | 82 489 | 48 252 | 34 906 | 34 444 | 3 | 2 | 3 | 3 |
| Legally required expenditures..... | 56 031 | 32 820 | 26 681 | 20 784 | 3 | 2 | 3 | 3 |
| Voluntary expenditures..... | 26 458 | 15 432 | 8 225 | 13 660 | 4 | 3 | 3 | 4 |
| Dollar value of business done | 1 456 156 | 1 006 959 | 890 695 | 818 535 | 2 | 2 | 2 | 3 |
| Value of construction work | 1 415 411 | 975 525 | 864 533 | 785 195 | 2 | 2 | 2 | 3 |
| Value of construction work subcontracted in from others | 343 525 | 158 308 | 174 764 | 142 373 | 6 | 6 | 5 | 4 |
| Other business receipts | 40 745 | 26 443 | 22 503 | 33 339 | 7 | 13 | 8 | 27 |
| Net value of construction† | 1 089 188 | 763 533 | 698 776 | 637 781 | 2 | 2 | 2 | 3 |
| Value added†† | 608 848 | 507 705 | 443 360 | 378 203 | 2 | 2 | 2 | 4 |
| Selected costs | 847 308 | 494 263 | 443 676 | 427 828 | 3 | 3 | 3 | 4 |
| Materials, components, and supplies | 488 602 | 257 050 | 250 671 | 262 927 | 3 | 3 | 3 | 4 |
| Construction work subcontracted out to others | 326 224 | 211 991 | 165 757 | 147 414 | 3 | 5 | 3 | 4 |
| Selected power, fuels, and lubricants..... | 32 482 | 25 221 | 27 248 | 17 487 | 3 | 2 | 4 | 3 |
| Electricity..... | 3 742 | 2 604 | 2 356 | 1 356 | 7 | 6 | 6 | 9 |
| Natural gas..... | 2 452 | 698 | 1 105 | 886 | 5 | 9 | 7 | 10 |
| Gasoline and diesel fuel | 24 334 | 19 722 | 21 421 | 12 935 | 3 | 2 | 4 | 3 |
| On highway use..... | 15 884 | 11 387 | (NA) | (NA) | 4 | 3 | (NA) | (NA) |
| Off highway use..... | 8 450 | 8 334 | (NA) | (NA) | 4 | 4 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 1 954 | 2 197 | 2 365 | 2 314 | 4 | 5 | 8 | 9 |
| Rental cost for machinery, equipment, and buildings | 24 715 | 18 440 | 13 008 | 12 924 | 5 | 7 | 3 | 5 |
| For machinery and equipment | 19 536 | 13 764 | 10 006 | 10 227 | 5 | 7 | 4 | 4 |
| For buildings..... | 5 179 | 4 676 | 3 001 | 2 697 | 10 | 9 | 6 | 16 |
| Selected purchased services | 30 449 | 36 478 | 21 712 | 22 864 | 5 | 2 | 5 | 2 |
| Communication services | 6 482 | 4 624 | 3 854 | 3 098 | 5 | 4 | 5 | 5 |
| Repairs to buildings and other structures | 925 | 1 092 | 1 726 | 1 015 | 13 | 12 | 5 | 9 |
| Repairs to machinery and equipment | 23 042 | 30 761 | 16 131 | 18 752 | 6 | 2 | 5 | 2 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 1 415 411 | 975 525 | 864 533 | 785 195 | 2 | 2 | 2 | 3 |
| Government owned | 466 533 | 466 814 | 296 637 | 262 683 | 4 | 3 | 5 | 2 |
| Federal | 126 894 | 123 957 | (NA) | (NA) | 8 | 8 | (NA) | (NA) |
| State and local | 339 638 | 342 856 | (NA) | (NA) | 5 | 3 | (NA) | (NA) |
| Privately owned | 948 879 | 508 710 | 567 896 | 522 513 | 5 | 6 | 4 | 4 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|---------|---------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 292 992 | 229 803 | 6 | 4 |
| Capital expenditures, other than land | 50 815 | 19 948 | 6 | 6 |
| New | 29 791 | 11 938 | 7 | 8 |
| Used | 21 024 | 8 010 | 8 | 9 |
| Retirements and disposition of depreciable assets | *32 561 | 11 520 | 49 | 30 |
| End-of-year gross book value of depreciable assets | 311 246 | 238 232 | 4 | 4 |
| Depreciation charges during year | 35 886 | 26 598 | 5 | 4 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | 34 937 | 30 555 | 11 | 10 |
| Capital expenditures, other than land | 4 827 | 2 326 | 23 | 22 |
| New buildings and other structures | 4 653 | 1 218 | 23 | 35 |
| Used buildings and other structures | 175 | 1 108 | 26 | 21 |
| Retirements and disposition of depreciable assets | (S) | *1 078 | (S) | 50 |
| End-of-year gross book value of depreciable assets | 38 002 | 31 803 | 10 | 10 |
| Depreciation charges during year | 3 337 | 3 362 | 16 | 12 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 258 055 | 199 248 | 7 | 4 |
| Capital expenditures, other than land | 45 988 | 17 622 | 6 | 6 |
| New machinery and equipment, including automobiles and trucks | 25 139 | 10 720 | 7 | 7 |
| New automobiles and trucks, intended primarily for highway use | 10 925 | 4 854 | 12 | 10 |
| Used machinery and equipment, including automobiles and trucks | 20 849 | 6 901 | 8 | 9 |
| Retirements and disposition of depreciable assets | *30 799 | 10 441 | 51 | 31 |
| End-of-year gross book value of depreciable assets | 273 244 | 206 429 | 4 | 4 |
| Depreciation charges during year | 32 549 | 23 235 | 5 | 5 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|--|-----------------------------|---|
| All establishments: | | |
| Number | 2 561 | 1 |
| Value of construction work | 1 415 411 | 2 |
| Establishments with inventories: | | |
| Number | 1 019 | 4 |
| Value of construction work | 687 621 | 2 |
| Inventories¹: | | |
| End of 1992, materials and supplies | 21 822 | 9 |
| End of 1991, materials and supplies | 19 446 | 8 |
| Establishments with no inventories: | | |
| Number | 863 | 5 |
| Value of construction work | 505 458 | 4 |
| Establishments not reporting: | | |
| Number | 679 | 4 |
| Value of construction work | 222 333 | 6 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|-----------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 2 561 | 1 821 | 445 | 184 | 87 | 16 | 8 | — | — | — |
| All employees** | 13 369 | 3 220 | 2 842 | 2 381 | 2 632 | 1 096 | 1 199 | — | — | — |
| Payroll, all employees | 294 240 | 44 025 | 51 875 | 54 821 | 74 015 | 34 543 | 34 961 | — | — | — |
| Dollar value of business done | 1 456 156 | 287 857 | 242 942 | 223 090 | 352 061 | 183 534 | 166 672 | — | — | — |
| Value of construction work | 1 415 411 | 284 787 | 236 225 | 215 161 | 344 473 | 175 192 | 159 574 | — | — | — |
| Net value of construction work† | 1 089 188 | 238 182 | 200 063 | 173 959 | 247 410 | 113 295 | 116 279 | — | — | — |
| Value added†† | 608 848 | 125 887 | 101 370 | 86 712 | 141 226 | 76 425 | 77 229 | — | — | — |
| Cost of materials, components, supplies, and fuels | 521 084 | 115 366 | 105 410 | 95 176 | 113 773 | 45 212 | 46 148 | — | — | — |
| Cost of construction work subcontracted out to others | 326 224 | 46 604 | 36 162 | 41 202 | 97 063 | 61 897 | 43 295 | — | — | — |
| Rental cost for machinery, equipment, and buildings | 24 715 | 3 446 | 3 089 | 3 985 | 6 005 | 2 518 | 5 672 | — | — | — |
| Capital expenditures, other than land | 50 815 | 9 515 | 7 542 | 8 292 | 12 319 | 10 464 | 2 683 | — | — | — |
| End-of-year gross book value of depreciable assets | 311 246 | 53 230 | 43 582 | 45 120 | 93 157 | 48 738 | 27 420 | — | — | — |
| 1987 | | | | | | | | | | |
| All employees** | 10 186 | (S) | 1 812 | 1 906 | 1 724 | 589 | 1 344 | (D) | — | — |
| Value of construction work | 975 525 | (S) | 124 736 | 165 163 | 205 001 | 281 834 | (D) | (D) | — | — |
| Value added†† | 507 705 | (S) | 62 161 | 77 216 | 89 279 | 36 084 | 141 282 | (D) | — | — |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 2 | 6 | 10 | 9 | 4 | (Z) | (Z) | — | — | — |
| Net value of construction work† | 2 | 7 | 10 | 9 | 4 | (Z) | (Z) | — | — | — |
| Capital expenditures, other than land | 6 | 18 | 19 | 23 | 3 | (Z) | (Z) | — | — | — |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|-----------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 2 561 | (S) | (S) | 389 | 835 | 427 | 295 | 146 | 51 | 28 | 17 |
| All employees** | 13 369 | (S) | (S) | 597 | 1 923 | 1 930 | 2 228 | 2 156 | 1 386 | 1 242 | 1 648 |
| Payroll, all employees | 294 240 | (S) | (S) | 5 902 | 24 674 | 31 447 | 45 132 | 54 580 | 37 006 | 36 595 | 57 004 |
| Dollar value of business done | 1 456 156 | (S) | (S) | 29 322 | 137 381 | 152 469 | 202 067 | 217 332 | 168 277 | 189 447 | 350 932 |
| Value of construction work | 1 415 411 | (S) | (S) | 28 778 | 135 952 | 149 899 | 196 600 | 213 995 | 157 398 | 186 267 | 337 728 |
| Net value of construction work† | 1 089 188 | (S) | (S) | 26 534 | 120 424 | 130 565 | 162 249 | 181 081 | 122 649 | 128 732 | 209 100 |
| Value added†† | 608 848 | (S) | (S) | 15 760 | 65 929 | 68 185 | 87 818 | 94 555 | 59 648 | 75 251 | 137 175 |
| Cost of materials, components, supplies, and fuels | 521 084 | (S) | (S) | 11 318 | 55 924 | 64 950 | 79 899 | 89 864 | 73 880 | 56 661 | 85 129 |
| Cost of construction work subcontracted out to others | 326 224 | (S) | (S) | (S) | (S) | 19 334 | 34 350 | 32 913 | 34 749 | 57 535 | 128 628 |
| Rental cost for machinery, equipment, and buildings | 24 715 | (S) | (S) | (S) | 1 589 | 2 418 | 2 824 | 3 977 | 3 184 | 3 073 | 7 325 |
| Capital expenditures, other than land | 50 815 | (S) | (S) | (S) | 5 529 | 6 158 | 5 805 | 8 973 | 5 346 | 6 174 | 11 966 |
| End-of-year gross book value of depreciable assets | 311 246 | (S) | (S) | 6 652 | 24 375 | 37 209 | 42 037 | 51 721 | 37 833 | 44 778 | 65 552 |
| 1987 | | | | | | | | | | | |
| All employees** | 10 186 | (S) | (S) | 818 | 1 485 | 1 445 | 1 286 | 1 514 | 1 019 | 824 | 1 345 |
| Value of construction work | 975 525 | (S) | (S) | 36 923 | 86 906 | 98 004 | 90 053 | 159 723 | 110 244 | 115 228 | 267 629 |
| Value added†† | 507 705 | (S) | (S) | 20 306 | 52 276 | 46 200 | 60 048 | 71 804 | 51 238 | 52 741 | 146 534 |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 2 | (S) | (S) | 14 | 9 | 11 | 10 | 7 | 6 | 4 | (Z) |
| Net value of construction work† | 2 | (S) | (S) | 11 | 8 | 11 | 11 | 9 | 8 | 6 | (Z) |
| Capital expenditures, other than land | 6 | (S) | (S) | (S) | 23 | 23 | 23 | 21 | (Z) | 2 | (Z) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 8. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

| Type of construction | Value of construction work | | | | Relative standard error of estimate (percent) for column— | | | |
|--|----------------------------|------------------|---|------------------------|---|----------|----------|----------|
| | Total | New construction | Additions, alterations, or reconstruction | Maintenance and repair | A | B | C | D |
| | A | B | C | D | A | B | C | D |
| 1992 | | | | | | | | |
| Value of construction work | 1 415 411 | 770 705 | 411 836 | 169 274 | 2 | 3 | 3 | 6 |
| Building construction | 896 976 | 577 166 | 224 695 | 95 115 | 3 | 4 | 4 | 11 |
| Single-family houses | 393 780 | 292 390 | 66 465 | 34 925 | 5 | 6 | 8 | 10 |
| Single-family houses, detached | 372 231 | 276 623 | 64 175 | 31 432 | 5 | 7 | 8 | 10 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 21 550 | 15 767 | 2 290 | 3 493 | 13 | 17 | 11 | 28 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 32 397 | 21 006 | 7 255 | 4 137 | 12 | 16 | 13 | 16 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 19 250 | 12 683 | 4 079 | 2 488 | 10 | 10 | 16 | 20 |
| Office buildings | 68 834 | 27 912 | 30 873 | 10 049 | 6 | 9 | 8 | 12 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 132 072 | 77 245 | 38 377 | 16 449 | 7 | 7 | 12 | 18 |
| Industrial buildings and warehouses | 74 330 | 41 799 | 18 522 | 14 009 | 12 | 19 | 9 | 21 |
| Industrial buildings | 60 500 | 34 866 | 14 444 | 11 191 | 14 | 22 | 8 | 23 |
| Warehouses | 13 830 | 6 934 | 4 078 | *2 818 | 23 | 30 | 20 | 40 |
| Educational buildings | 58 153 | 27 056 | 25 686 | *5 411 | 8 | 12 | 8 | 44 |
| Hospitals and institutional buildings | 71 527 | 44 766 | 23 637 | 3 124 | 8 | 12 | 6 | 15 |
| Farm buildings, nonresidential | 9 509 | *6 719 | *1 544 | 1 246 | 36 | 44 | 45 | 38 |
| Other nonresidential buildings | 37 124 | 25 589 | 8 257 | 3 278 | 8 | 8 | 20 | 31 |
| Nonbuilding construction..... | 454 839 | 193 540 | 187 141 | 74 159 | 2 | 4 | 3 | 4 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 200 247 | 51 518 | 111 653 | 37 076 | 3 | 9 | 3 | 5 |
| Airport runways and related work | 11 837 | (D) | 5 338 | (D) | 6 | (D) | 14 | (D) |
| Private driveways and parking areas | 10 799 | 6 855 | (D) | (D) | 26 | 23 | (D) | (D) |
| Fencing | 10 068 | 9 296 | (S) | *552 | 39 | 39 | (S) | 59 |
| Bridges, tunnels, and elevated highways | 26 028 | 10 745 | 13 770 | 1 513 | 2 | 4 | 1 | (Z) |
| Dam and reservoir construction | 12 167 | (D) | (D) | (D) | 10 | (D) | (D) | (D) |
| Conservation and development construction | 38 574 | 27 206 | *5 055 | 6 313 | 9 | 9 | 46 | 19 |
| Power and communication transmission lines, towers, and related facilities..... | 29 233 | 19 932 | 5 212 | 4 089 | 9 | 11 | 29 | 11 |
| Sewers, water mains, and related facilities..... | 53 614 | 38 401 | 8 979 | 6 234 | 7 | 9 | 15 | 16 |
| Sewers, sewer lines, septic systems, and related facilities | 28 287 | 20 230 | 4 115 | 3 943 | 9 | 12 | 6 | 22 |
| Water mains and related facilities..... | 25 327 | 18 171 | 4 865 | 2 291 | 9 | 9 | 27 | 15 |
| Pipeline construction other than sewer or water lines | 15 045 | 6 829 | 3 700 | 4 516 | 16 | 31 | 8 | 1 |
| Other nonbuilding construction | 47 228 | 18 438 | 21 165 | 7 625 | 6 | 5 | 3 | 27 |
| Construction work, n.s.k..... | 63 596 | (NA) | (NA) | (NA) | 9 | (NA) | (NA) | (NA) |
| 1987 | | | | | | | | |
| Value of construction work | 975 525 | 620 228 | 230 254 | 84 208 | 2 | 3 | 4 | 5 |
| Building construction | 512 264 | 332 371 | 129 544 | 50 348 | 4 | 5 | 5 | 7 |
| Single-family houses | 151 745 | 100 427 | 32 704 | 18 613 | 8 | 11 | 15 | 11 |
| Single-family houses, detached | 137 652 | 88 462 | 31 631 | 17 558 | 9 | 11 | 15 | 11 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 14 093 | 11 965 | *1 073 | 1 055 | 28 | 32 | 50 | 18 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 12 068 | 9 022 | 1 043 | 2 001 | 10 | 8 | 29 | 19 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 37 040 | 22 306 | 12 469 | 2 284 | 16 | 27 | 6 | 17 |
| Office buildings | 43 378 | 26 086 | 12 435 | 4 856 | 10 | 15 | 14 | 12 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 76 088 | 49 717 | 20 244 | 6 125 | 17 | 25 | 10 | 21 |
| Industrial buildings and warehouses | 50 490 | 22 423 | 20 489 | 7 577 | 8 | 14 | 5 | 27 |
| Industrial buildings | 40 126 | 15 475 | 18 072 | 6 578 | 9 | 16 | 5 | 31 |
| Warehouses | 10 364 | 6 948 | 2 417 | *999 | 13 | 18 | 14 | 40 |
| Educational buildings | 57 561 | 47 510 | 7 324 | 2 726 | 4 | 3 | 13 | 18 |
| Hospitals and institutional buildings | 52 037 | 36 871 | 13 360 | 1 805 | 7 | 9 | 12 | 7 |
| Farm buildings, nonresidential | 3 529 | 2 362 | 225 | 941 | 29 | 38 | 34 | 30 |
| Other nonresidential buildings | 28 322 | 15 641 | 9 245 | 3 433 | (NA) | (NA) | (NA) | (NA) |
| Nonbuilding construction..... | 422 426 | 287 856 | 100 709 | 33 860 | 3 | 2 | 7 | 9 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 214 812 | 139 637 | 63 959 | 11 215 | 3 | 2 | 9 | 15 |
| Private driveways and parking areas | 2 153 | 1 430 | *215 | *507 | 33 | 25 | 58 | 74 |
| Fencing | *6 564 | *4 923 | (S) | *1 319 | 40 | 42 | (S) | 69 |
| Bridges, tunnels, and elevated highways | 28 886 | (D) | (D) | 801 | 7 | (D) | (D) | 14 |
| Dam and reservoir construction | 22 893 | (D) | (D) | 1 620 | 8 | (D) | (D) | 8 |
| Conservation and development construction | 6 922 | 4 047 | 2 747 | (S) | 10 | 11 | 12 | (S) |
| Power and communication transmission lines, towers, and related facilities..... | 11 006 | 5 016 | 2 516 | 3 473 | 9 | 12 | 11 | 10 |
| Sewers, water mains, and related facilities..... | 39 483 | 33 029 | 3 352 | *3 100 | 13 | 13 | 18 | 43 |
| Sewers, sewer lines, septic systems, and related facilities | 18 127 | 14 474 | 2 255 | 1 397 | 7 | 4 | 22 | 35 |
| Water mains and related facilities..... | 21 356 | 18 555 | 1 097 | *1 703 | 22 | 23 | 28 | 53 |
| Other nonbuilding construction | 89 707 | 99 774 | 27 920 | 11 582 | (NA) | (NA) | (NA) | (NA) |
| Construction work, n.s.k..... | 40 834 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F | |
| | | | | A | B | C | D | E | F | A | B | C | D | E |
| 15, 16, 17 | Construction industries ----- | 2 561 | 10 600 | 8 613 | 10 895 | 12 282 | 10 611 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 645 | 1 530 | 1 376 | 1 411 | 1 777 | 1 557 | 5 | 9 | 10 | 9 | 9 | 10 | |
| 1522 | Other residential buildings ----- | 41 | 138 | 121 | *227 | 86 | 115 | 37 | 27 | 23 | 51 | 23 | 35 | |
| 1531 | Operative builders ----- | 61 | 160 | 145 | 174 | 174 | 148 | 25 | 25 | 26 | 25 | 25 | 27 | |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 31 | 163 | 151 | 166 | 170 | 165 | 23 | 29 | 30 | 29 | 31 | 30 | |
| 1542 | Nonresidential buildings, n.e.c. --- | 110 | 938 | 713 | 930 | 1 099 | 1 011 | 17 | 9 | 9 | 10 | 10 | 7 | |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 90 | 1 359 | 820 | 1 588 | 1 816 | 1 213 | 14 | 5 | 5 | 4 | 5 | 7 | |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 5 | 100 | 82 | 122 | 92 | 102 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | |
| 1623 | Water, sewer, and utility lines ----- | 52 | 513 | 410 | 497 | 563 | 583 | 21 | 12 | 18 | 10 | 10 | 11 | |
| 1629 | Heavy construction, n.e.c. ----- | 99 | 774 | (D) | 770 | 931 | (D) | 16 | 9 | (D) | 10 | 10 | (D) | |
| 17 | Special trade contractors: | | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 277 | 973 | 910 | 993 | 1 052 | 936 | 5 | 5 | 5 | 6 | 6 | 7 | |
| 1721 | Painting and paper hanging ----- | 114 | 359 | 241 | 370 | 468 | 357 | 8 | 12 | 14 | 14 | 14 | 14 | |
| 1731 | Electrical work ----- | 220 | 874 | 797 | 836 | 924 | 939 | 4 | 6 | 6 | 5 | 8 | 7 | |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 59 | 278 | 240 | 259 | 321 | 290 | 10 | 16 | 16 | 13 | 20 | 17 | |
| 1742 | Plastering, drywall, and insulation work ----- | 60 | 177 | 194 | 179 | 180 | 158 | 8 | 15 | 14 | 14 | 15 | 16 | |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 13 | 24 | 23 | 30 | 21 | 22 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | |
| 175 | Carpentry and floor work: | | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 140 | 293 | 251 | 303 | 349 | 269 | 9 | 14 | 14 | 14 | 11 | 13 | |
| 1752 | Floor laying and other floor work -- | 19 | 37 | 33 | 35 | 36 | 43 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | |
| 1761 | Roofing, siding, and sheet metal work ----- | 103 | 560 | 454 | 545 | 642 | 598 | 13 | 12 | 13 | 13 | 12 | 12 | |
| 1771 | Concrete work ----- | 164 | 512 | 393 | 522 | 618 | 515 | 10 | 15 | 15 | 16 | 15 | 16 | |
| 1781 | Water well drilling ----- | 56 | 120 | 103 | 121 | 141 | 113 | 3 | 7 | 8 | 7 | 8 | 7 | |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 2 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | |
| 1793 | Glass and glazing work ----- | 9 | 54 | 51 | 51 | 56 | 59 | 21 | 16 | 15 | 15 | 17 | 16 | |
| 1794 | Excavation work ----- | 69 | 142 | 116 | 133 | 155 | 162 | 14 | 18 | 22 | 18 | 19 | 18 | |
| 1795 | Wrecking and demolition work ----- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 1796 | Installing building equipment, n.e.c. ----- | 10 | 119 | 101 | 152 | 111 | 113 | 13 | 20 | 23 | 11 | 27 | 24 | |
| 1799 | Special trade contractors, n.e.c. --- | 112 | (D) | (D) | (D) | (D) | (D) | 17 | (D) | (D) | (D) | (D) | (D) | |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees** per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|---|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 5.2 | 22.0 | 133.5 | .208 | .368 | .230 | .243 | .017 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 2.9 | 15.6 | 131.4 | .146 | .458 | .283 | (S) | .006 |
| 1522 | Other residential buildings ----- | 4.1 | 14.7 | 139.2 | .128 | .284 | .338 | .024 | (S) |
| 1531 | Operative builders ----- | 4.1 | 32.9 | 425.9 | .119 | .296 | .372 | .002 | .002 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 7.7 | 27.3 | 209.1 | .194 | .376 | .383 | *.040 | *.007 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 11.0 | 21.6 | 197.1 | .141 | .343 | .518 | *.021 | .008 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 17.9 | 30.8 | 164.2 | .222 | .296 | .189 | .209 | .040 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 22.2 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines ----- | 11.7 | 30.1 | 102.8 | .350 | .278 | .062 | *.050 | .048 |
| 1629 | Heavy construction, n.e.c. ----- | 9.7 | 22.7 | 139.6 | .202 | (D) | (D) | .197 | .037 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 4.8 | 25.4 | 129.8 | .270 | .419 | .105 | .679 | .013 |
| 1721 | Painting and paper hanging ----- | 3.9 | 16.1 | 62.6 | .317 | .297 | .051 | .432 | .011 |
| 1731 | Electrical work ----- | 5.3 | 24.8 | 98.3 | .335 | .448 | .035 | .592 | .010 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 5.3 | 15.3 | 64.5 | .267 | .373 | (D) | .914 | .006 |
| 1742 | Plastering, drywall, and insulation work ----- | 3.5 | 18.5 | 95.2 | .227 | .517 | .143 | .674 | .006 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 2.2 | 13.1 | 83.5 | .190 | .439 | (S) | .924 | .003 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 2.7 | 21.6 | 185.6 | .151 | (D) | (D) | .217 | .009 |
| 1752 | Floor laying and other floor work ----- | 2.3 | 14.1 | 59.2 | .283 | (S) | .035 | (S) | .017 |
| 1761 | Roofing, siding, and sheet metal work ----- | 6.8 | 17.3 | 107.5 | .201 | .525 | *.078 | .528 | .007 |
| 1771 | Concrete work ----- | 3.5 | 15.1 | 79.7 | .213 | .459 | .058 | .476 | .016 |
| 1781 | Water well drilling ----- | 2.7 | 16.7 | 114.0 | .182 | (D) | (S) | .094 | .012 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1793 | Glass and glazing work ----- | 9.7 | 20.8 | 169.0 | .201 | .563 | .006 | (S) | .015 |
| 1794 | Excavation work ----- | 2.8 | 17.4 | 100.1 | .234 | .334 | .062 | .391 | .055 |
| 1795 | Wrecking and demolition work ----- | — | — | — | — | — | — | — | — |
| 1796 | Installing building equipment, n.e.c. ----- | 14.5 | 19.8 | 58.8 | .391 | .193 | .008 | *.469 | .010 |
| 1799 | Special trade contractors, n.e.c. ----- | (D) | (D) | (D) | .277 | .493 | .035 | (D) | (D) |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

[Not applicable]

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Nevada

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-- Not applicable for this report.

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Nevada. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 8,463 establishments in this State operating in the construction industries. These establishments accounted for \$5.5 billion in total dollar value of business done.

Most of the 8,463 construction establishments were small. Of the total, 5,152 were nonemployers, and over half of the employer establishments had less than 5 employees. The 1,489 construction establishments with 5 employees or more, while representing only 18 percent of all establishments, accounted for more than 89 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$5.3 billion in total dollar value of business done. Of this amount, \$5.2 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$1.5 billion, leaving net value of construction work of \$3.7 billion. In addition, these establishments paid out \$1.7 billion for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$2.3 billion. (See Introduction and appendixes for explanation of terms.)

There were 3,311 establishments with total employment averaging 41,031 during the year. Total payroll for 1992 was \$1.2 billion.

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

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

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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 5,152 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$179 million. Most of these establishments, about 80 percent, were special trade contractors.

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

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

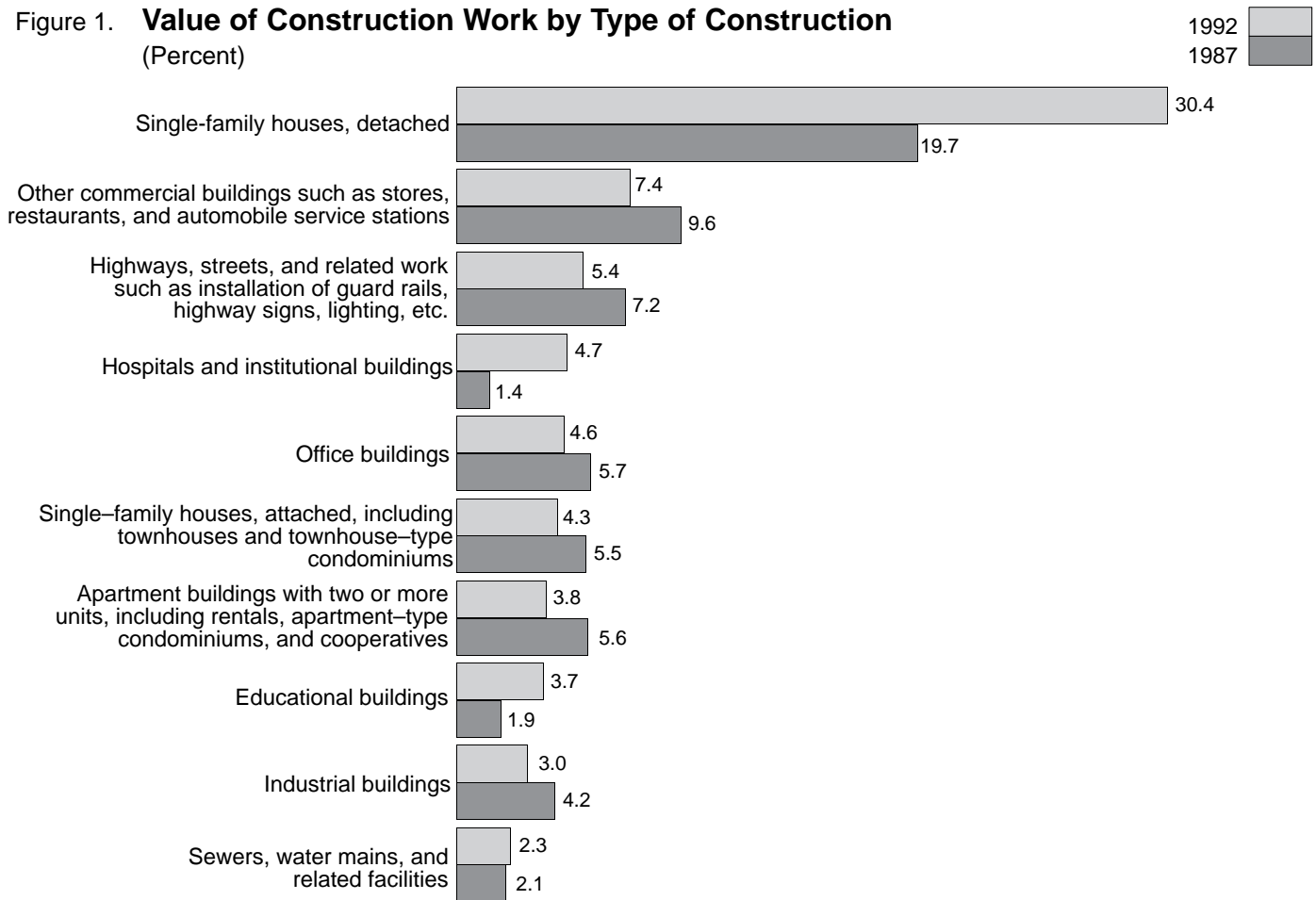


Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

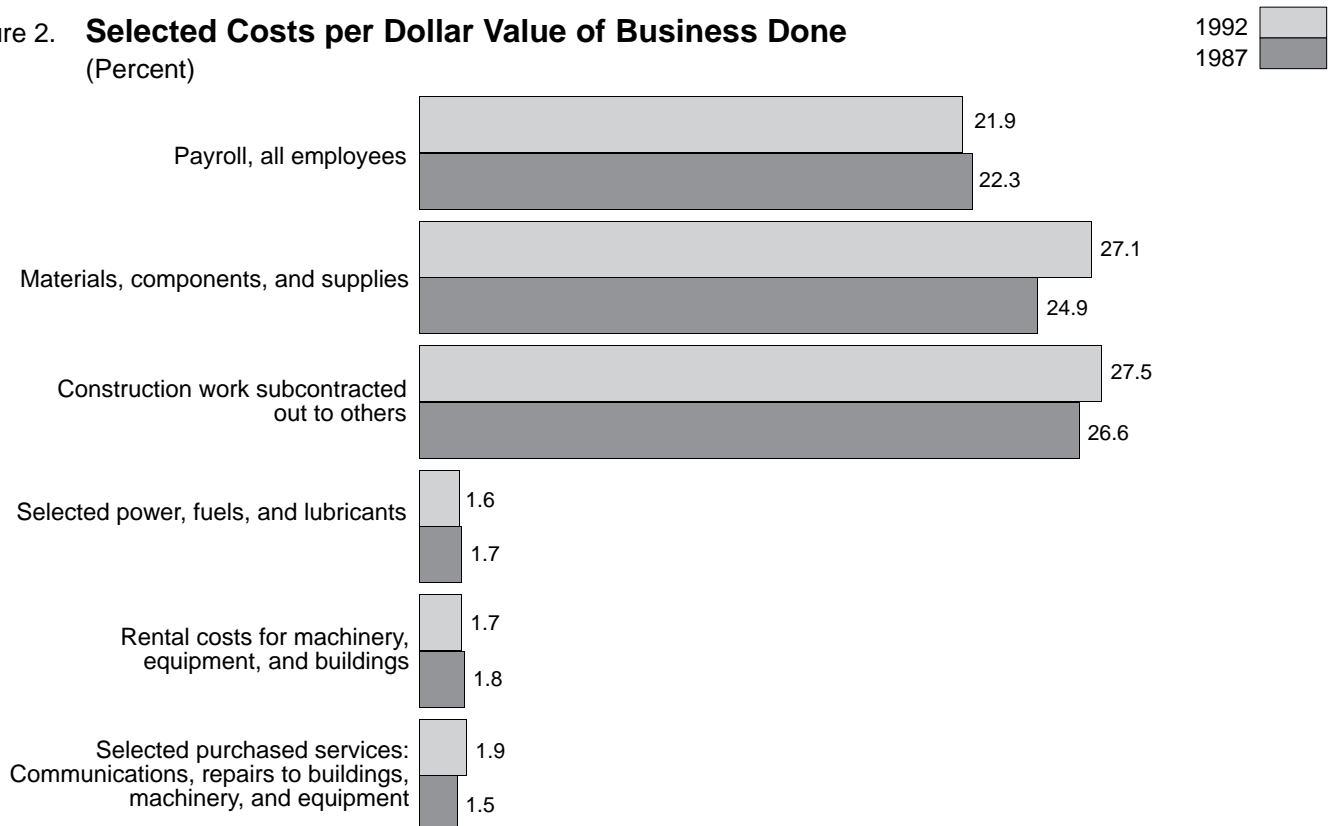


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— J K | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|--|---|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | |
| | | A | B | C | D | E | F | G | H | I | J | K | | |
| 1992 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 8 463 | 6 650 | 41 031 | 5 500 323 | 5 152 | 4 978 | 179 100 | 3 311 | 1 672 | 41 031 | 5 321 223 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders ---- | 1 948 | 1 387 | 7 884 | 2 320 820 | 955 | 871 | 79 553 | 993 | 516 | 7 884 | 2 241 267 | 2 | 2 |
| 16 | Heavy construction other than building construction— contractors----- | 308 | 164 | 8 805 | 980 055 | 99 | 86 | 3 076 | 209 | (S) | 8 805 | 976 979 | 2 | 1 |
| 17 | Special trade contractors ----- | 6 208 | 5 098 | 24 341 | 2 199 448 | 4 098 | 4 021 | 96 471 | 2 110 | 1 077 | 24 341 | 2 102 977 | 1 | 1 |
| 1711 | Plumbing, heating, and air-conditioning -- | 698 | 527 | 3 990 | 424 960 | 328 | 325 | 11 042 | 370 | (S) | 3 990 | 413 918 | 2 | 2 |
| 1731 | Electrical work----- | 561 | 331 | 3 555 | 322 159 | 256 | 238 | 6 486 | 305 | 93 | 3 555 | 315 673 | 3 | 2 |
| 1987 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 7 496 | 5 459 | 32 961 | 4 022 055 | 4 950 | 4 893 | 340 007 | 2 546 | 566 | 32 961 | 3 682 048 | 1 | 3 |
| 15 | Building construction—General contractors and operative builders ---- | 1 856 | 1 175 | 6 471 | 1 562 814 | 1 092 | 1 019 | 115 221 | 764 | 156 | 6 471 | 1 447 593 | 3 | 7 |
| 16 | Heavy construction other than building construction— contractors----- | 228 | 113 | 8 861 | 898 425 | 87 | 88 | 5 196 | 141 | 25 | 8 861 | 893 229 | 1 | 1 |
| 17 | Special trade contractors ----- | 5 135 | 3 907 | 17 400 | 1 432 653 | 3 549 | 3 528 | 141 339 | 1 586 | 379 | 17 400 | 1 291 314 | 2 | 2 |
| 1711 | Plumbing, heating, and air-conditioning -- | 612 | 387 | 3 068 | 286 546 | 314 | 310 | 17 569 | 298 | 77 | 3 068 | 268 977 | 4 | 4 |
| 1731 | Electrical work----- | 456 | 264 | 2 768 | 255 101 | 209 | 206 | 8 774 | 247 | 58 | 2 768 | 246 327 | 8 | 6 |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|------------|--|--------------------------|---------------|----------------------|------------------|----------------------|----------------------------|---------------------------------|------------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added†† |
| | | | All | Construction workers | All employees | Construction workers | | | |
| A | B | C | D | E | F | G | H | | |
| 15, 16, 17 | Construction industries¹ | 3 311 | 41 031 | 31 415 | 1 165 636 | 825 639 | 5 202 052 | 3 739 037 | 2 330 203 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses | 507 | 2 598 | 1 964 | 58 271 | 38 166 | 507 787 | 247 064 | 182 558 |
| 1522 | Other residential buildings | 59 | 880 | 702 | 31 622 | 24 792 | 287 459 | 105 060 | 52 301 |
| 1531 | Operative builders | 184 | 1 892 | 853 | 53 138 | 18 804 | 697 365 | 362 279 | 194 720 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 18 | 309 | 221 | 8 504 | 5 704 | 74 328 | 35 127 | 16 600 |
| 1542 | Nonresidential buildings, n.e.c. | 226 | 2 205 | 1 590 | 67 601 | 45 372 | 598 256 | 227 143 | 149 736 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction | 72 | 1 641 | 1 353 | 55 930 | 44 651 | 232 688 | 202 418 | 128 257 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | 1 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines | 53 | 1 165 | 939 | 39 246 | 30 428 | 142 783 | 128 278 | 81 442 |
| 1629 | Heavy construction, n.e.c. | 83 | 5 855 | 3 631 | 219 570 | 129 026 | 574 674 | 510 299 | 372 788 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 370 | 3 990 | 3 070 | 118 943 | 87 577 | 407 390 | 384 000 | 220 473 |
| 1721 | Painting and paper hanging | 140 | 796 | 641 | 16 583 | 13 049 | 45 449 | 43 678 | 29 536 |
| 1731 | Electrical work | 305 | 3 555 | 2 781 | 97 153 | 73 474 | 313 664 | 282 064 | 172 207 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework | 109 | 1 485 | 1 263 | 27 121 | 22 753 | (D) | (D) | (D) |
| 1742 | Plastering, drywall, and insulation work | 176 | 3 360 | 2 965 | 80 093 | 68 056 | 205 508 | 191 341 | 123 767 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 67 | 653 | 542 | 16 733 | 12 923 | 46 808 | 43 859 | 23 798 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry | 181 | 2 461 | 2 138 | 57 831 | 45 714 | 199 553 | 194 109 | 107 477 |
| 1752 | Floor laying and other floor work | 54 | 401 | 319 | 8 705 | 6 245 | 32 135 | 30 504 | 18 510 |
| 1761 | Roofing, siding, and sheet metal work | 94 | 1 172 | 982 | 28 748 | 23 104 | 116 422 | 107 817 | 64 161 |
| 1771 | Concrete work | 192 | 2 641 | 2 352 | 75 463 | 60 073 | 262 344 | 230 476 | 131 108 |
| 1781 | Water well drilling | 32 | 214 | 181 | 5 105 | 4 004 | 22 249 | 21 836 | 13 005 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection | 28 | 664 | 557 | 23 014 | 18 495 | 75 430 | 70 320 | 53 022 |
| 1793 | Glass and glazing work | 47 | 410 | 276 | 10 158 | 6 836 | 38 056 | 37 864 | 21 389 |
| 1794 | Excavation work | 92 | 858 | 713 | 20 465 | 15 540 | 77 963 | 65 243 | 46 455 |
| 1795 | Wrecking and demolition work | 1 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. | 17 | 285 | 219 | 9 323 | 6 752 | 40 944 | 40 749 | 24 465 |
| 1799 | Special trade contractors, n.e.c. | 205 | (D) | (D) | (D) | (D) | 119 134 | (D) | 59 001 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|--|--|--|--|---|--|--|---|---|---|------------------------------------|----------------------------------|---|
| 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 of 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†† | | | | |
| I | J | K | L | M | N | O | P | Q | B | G | M | |
| 1 528 006 | 1 463 015 | 1 768 434 | 90 897 | 95 424 | 1 357 406 | 32 961 | 3 542 235 | 1 648 169 | 1 | 1 | 3 | 15, 16, 17 15 |
| 105 264 53 976 | 260 723 182 399 | 13 450 7 336 | 5 941 1 602 | 3 714 990 | 45 958 12 885 | 1 866 676 | 242 541 236 989 | 91 992 32 744 | 6 7 | 8 6 | 18 32 | 152 1522 |
| 184 540 | 335 086 | 2 450 | 2 728 | 3 590 | 30 448 | 1 302 | 351 401 | 111 965 | 4 | 4 | 19 | 1531 |
| 18 795 94 256 | 39 201 371 114 | *2 968 25 544 | 368 6 728 | 201 3 822 | 2 113 30 361 | 540 2 087 | 115 753 416 718 | 33 494 104 441 | 15 6 | 14 5 | 25 20 | 154 1541 1542 |
| 89 509 | 30 270 | 51 781 | 8 980 | 9 371 | 116 561 | 1 980 | 301 240 | 171 391 | 5 | 3 | 20 | 1611 |
| (D) 47 693 140 495 | — 14 505 64 375 | (D) 40 530 (D) | — 4 533 18 477 | (D) 5 398 37 582 | (D) 49 723 (D) | (D) 666 (D) | 9 647 69 641 (D) | 5 330 41 770 (D) | (D) 5 2 | (D) 4 1 | (D) 2 3 | 162 1622 1623 1629 |
| 170 055 | 23 390 | 319 695 | 6 967 | 3 150 | 48 033 | 3 068 | 266 110 | 143 796 | 2 | 2 | 15 | 1711 |
| 14 201 | 1 771 | 29 408 | 434 | (D) | 4 878 | 703 | 34 102 | 22 963 | 9 | 11 | (D) | 1721 |
| 111 866 | 31 600 | 274 658 | 5 028 | 3 834 | 29 767 | 2 768 | 244 191 | 144 674 | 3 | 3 | 15 | 1731 |
| 36 174 70 240 20 154 | (D) 14 167 *2 949 | (S) 174 515 40 938 | (S) 2 924 552 | (D) 1 645 (S) | 8 749 14 762 3 229 | 865 2 656 267 | 57 428 119 984 17 105 | 32 621 78 448 10 403 | 5 3 11 | (D) 5 10 | (D) 15 (S) | 174 1741 1742 1743 |
| 87 398 (S) | 5 445 (S) | 133 521 (S) | 3 529 (S) | 3 317 *86 | 37 315 (D) | 1 683 224 | 97 627 14 668 | 49 597 8 136 | 5 18 | 6 16 | 4 60 | 175 1751 1752 |
| 44 104 | 8 605 | 92 804 | 1 162 | 448 | 10 304 | 1 145 | 77 180 | 45 112 | 6 | 7 | 18 | 1761 |
| 99 369 | 31 868 | 197 010 | 9 462 | 5 450 | 41 223 | 1 186 | 94 123 | 55 118 | 4 | 4 | 7 | 1771 |
| (D) | 413 | 2 036 | 546 | 834 | 9 423 | 71 | 8 598 | 5 181 | 14 | 17 | 22 | 1781 |
| (D) 19 244 19 287 (D) 16 284 (D) | *5 110 192 12 720 (D) 195 (D) | (S) 28 665 63 855 — 11 912 51 628 | 1 281 906 3 867 (D) 606 (D) | *2 012 *273 5 101 — (S) *2 017 | *9 752 2 379 37 231 — (S) (D) | 284 366 683 *97 121 1 213 | 24 831 32 397 85 734 5 780 14 982 75 123 | 14 693 19 043 51 797 5 691 10 537 43 702 | 4 8 11 (D) (Z) (D) | 5 10 10 (D) (Z) (D) | 66 45 33 — (S) 54 | 179 1791 1793 1794 1795 1796 1799 |

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|-----------|-----------|-----------|-----------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 3 311 | 2 546 | 2 283 | 1 817 | 1 | 2 | 3 | 5 |
| Proprietors and working partners..... | 1 672 | 566 | 659 | 1 074 | 3 | 10 | 8 | 9 |
| All employees** | 41 031 | 32 961 | 24 344 | 21 984 | 1 | 1 | 1 | 2 |
| Construction workers: | | | | | | | | |
| March..... | 29 318 | 24 222 | 18 196 | 16 174 | 1 | 2 | 2 | 2 |
| May..... | 31 151 | 25 443 | 18 356 | 18 062 | 1 | 2 | 2 | 2 |
| August..... | 33 081 | 26 015 | 18 590 | 19 165 | 1 | 2 | 2 | 2 |
| November..... | 32 112 | 24 426 | 17 213 | 20 191 | 1 | 2 | 3 | 2 |
| Average..... | 31 415 | 25 026 | 18 335 | 18 413 | 1 | 2 | 2 | 2 |
| Other employees: | | | | | | | | |
| March..... | 9 732 | 7 943 | 5 992 | 3 480 | 1 | 1 | 1 | 3 |
| May..... | 9 580 | 7 887 | (NA) | (NA) | 1 | 2 | (NA) | (NA) |
| August..... | 9 653 | 7 988 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| November..... | 9 498 | 7 918 | (NA) | (NA) | 1 | 2 | (NA) | (NA) |
| Average..... | 9 616 | 7 934 | (NA) | (NA) | 1 | 1 | (NA) | (NA) |
| Payroll, all employees | 1 165 636 | 820 432 | 557 481 | 324 001 | 1 | 1 | 1 | 1 |
| Payroll, construction workers | 825 639 | 585 316 | 426 768 | 261 267 | 1 | 1 | 1 | 1 |
| Payroll, other employees | 339 997 | 235 116 | 130 713 | 62 734 | 1 | 1 | 1 | 1 |
| First quarter payroll, all employees | 259 927 | 192 713 | 131 519 | 67 576 | 1 | 1 | 1 | 1 |
| Fringe benefits, all employees | 301 346 | 203 829 | 116 590 | 75 808 | 1 | 1 | 1 | 1 |
| Legally required expenditures..... | 182 874 | 119 465 | 75 830 | 36 597 | 1 | 2 | 1 | 1 |
| Voluntary expenditures..... | 118 472 | 84 363 | 40 759 | 39 211 | 1 | 1 | 1 | 1 |
| Dollar value of business done | 5 321 223 | 3 682 048 | 2 152 262 | 1 290 715 | 1 | 3 | 1 | 1 |
| Value of construction work | 5 202 052 | 3 542 235 | 2 072 786 | 1 230 055 | 1 | 3 | 1 | 1 |
| Value of construction work subcontracted in from others | 1 768 434 | 856 838 | 492 363 | 425 594 | 2 | 2 | 2 | 2 |
| Other business receipts..... | 119 171 | 63 500 | 46 725 | 60 660 | 4 | 6 | 2 | 2 |
| Net value of construction† | 3 739 037 | 2 561 597 | 1 536 303 | 940 533 | 1 | 1 | 1 | 1 |
| Value added†† | 2 330 203 | 1 648 169 | 1 007 727 | 579 176 | 1 | 2 | 1 | 1 |
| Selected costs | 2 991 020 | 1 957 566 | 1 111 785 | 675 173 | 1 | 4 | 1 | 2 |
| Materials, components, and supplies | 1 442 374 | 915 661 | 525 739 | 363 864 | 1 | 2 | 1 | 1 |
| Construction work subcontracted out to others | 1 463 015 | 980 638 | 536 483 | 289 522 | 2 | 8 | 1 | 2 |
| Selected power, fuels, and lubricants..... | 85 632 | 61 266 | 49 561 | 21 787 | 1 | 2 | 2 | 1 |
| Electricity..... | 23 920 | 13 994 | 11 479 | 4 611 | 1 | 1 | 1 | 2 |
| Natural gas..... | 4 393 | 1 764 | 1 380 | 1 020 | 4 | 5 | 5 | 5 |
| Gasoline and diesel fuel | 53 509 | 41 580 | 34 417 | 13 489 | 2 | 2 | 2 | 2 |
| On highway use..... | 38 219 | 26 811 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| Off highway use..... | 15 290 | 14 769 | (NA) | (NA) | 2 | 1 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 3 811 | 3 926 | 2 284 | 2 667 | 8 | 8 | 6 | 3 |
| Rental cost for machinery, equipment, and buildings | 90 897 | 67 085 | 39 330 | 19 351 | 3 | 2 | 2 | 4 |
| For machinery and equipment | 62 458 | 48 864 | 29 705 | 16 455 | 3 | 3 | 2 | 5 |
| For buildings..... | 28 440 | 18 220 | 9 625 | 2 896 | 5 | 4 | 3 | 3 |
| Selected purchased services | 98 750 | 54 782 | 37 066 | 21 848 | 4 | 2 | 2 | 2 |
| Communication services | 27 769 | 13 441 | 9 387 | 5 748 | 5 | 3 | 3 | 2 |
| Repairs to buildings and other structures | 4 064 | 3 523 | 1 242 | 827 | 9 | 11 | 6 | 6 |
| Repairs to machinery and equipment | 66 916 | 37 817 | 26 437 | 15 272 | 4 | 2 | 2 | 2 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 5 202 052 | 3 542 235 | 2 072 786 | 1 230 055 | 1 | 3 | 1 | 1 |
| Government owned | 1 328 620 | 983 801 | 663 596 | 286 344 | 4 | 3 | 2 | 1 |
| Federal | 498 074 | 550 082 | (NA) | (NA) | 3 | 1 | (NA) | (NA) |
| State and local | 830 546 | 433 718 | (NA) | (NA) | 6 | 7 | (NA) | (NA) |
| Privately owned | 3 873 432 | 2 558 434 | 1 409 190 | 943 711 | 2 | 5 | 2 | 2 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|-----------|---------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 1 317 363 | 334 107 | 1 | 8 |
| Capital expenditures, other than land | 95 424 | 52 530 | 3 | 4 |
| New | 77 438 | 35 231 | 3 | 5 |
| Used | 17 986 | 17 298 | 11 | 7 |
| Retirements and disposition of depreciable assets | 55 381 | 19 658 | 3 | 26 |
| End-of-year gross book value of depreciable assets | 1 357 406 | 366 979 | 1 | 6 |
| Depreciation charges during year | 103 948 | 40 273 | 3 | 5 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | 186 572 | 98 115 | 7 | 25 |
| Capital expenditures, other than land | 8 679 | 9 625 | 15 | 10 |
| New buildings and other structures | 7 802 | 7 005 | 16 | 5 |
| Used buildings and other structures | 877 | 2 619 | 38 | 33 |
| Retirements and disposition of depreciable assets | 3 700 | *9 743 | 3 | 50 |
| End-of-year gross book value of depreciable assets | 191 550 | 97 997 | 7 | 21 |
| Depreciation charges during year | 9 943 | 6 212 | 7 | 22 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 1 130 791 | 235 991 | 1 | 3 |
| Capital expenditures, other than land | 86 746 | 42 905 | 3 | 5 |
| New machinery and equipment, including automobiles and trucks | 69 636 | 28 226 | 3 | 7 |
| New automobiles and trucks, intended primarily for highway use | 14 863 | 12 526 | 7 | 8 |
| Used machinery and equipment, including automobiles and trucks | 17 109 | 14 679 | 11 | 6 |
| Retirements and disposition of depreciable assets | 51 681 | 9 915 | 3 | 12 |
| End-of-year gross book value of depreciable assets | 1 165 856 | 268 981 | 1 | 3 |
| Depreciation charges during year | 94 005 | 34 061 | 3 | 4 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|--|-----------------------------|---|
| All establishments: | | |
| Number | 3 311 | 1 |
| Value of construction work | 5 202 052 | 1 |
| Establishments with inventories: | | |
| Number | 1 257 | 4 |
| Value of construction work | 2 317 997 | 1 |
| Inventories¹: | | |
| End of 1992, materials and supplies | 51 510 | 5 |
| End of 1991, materials and supplies | 68 392 | 3 |
| Establishments with no inventories: | | |
| Number | 958 | 4 |
| Value of construction work | 2 029 758 | 2 |
| Establishments not reporting: | | |
| Number | 1 097 | 4 |
| Value of construction work | 854 297 | 2 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|-----------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 3 311 | (S) | 641 | 423 | 291 | 87 | 38 | 8 | — | 1 |
| All employees** | 41 031 | (S) | 4 202 | 5 704 | 8 724 | 6 142 | 5 732 | 6 853 | (D) | (D) |
| Payroll, all employees | 1 165 636 | (S) | 101 065 | 144 249 | 249 359 | 180 333 | 180 633 | 245 179 | (D) | (D) |
| Dollar value of business done | 5 321 223 | (S) | 438 295 | 522 704 | 649 340 | 1 164 330 | 957 036 | 847 316 | (D) | (D) |
| Value of construction work | 5 202 052 | (S) | 429 194 | 516 158 | 633 057 | 1 140 765 | 941 624 | 801 955 | (D) | (D) |
| Net value of construction work† | 3 739 037 | (S) | 323 713 | 366 090 | 500 351 | 840 687 | 635 802 | 518 070 | (D) | (D) |
| Value added†† | 2 330 203 | (S) | 193 622 | 213 751 | 308 784 | 517 661 | 384 186 | 346 121 | (D) | (D) |
| Cost of materials, components, supplies, and fuels | 1 528 006 | (S) | 139 192 | 158 884 | 207 850 | 346 590 | 267 028 | 217 310 | (D) | (D) |
| Cost of construction work subcontracted out to others | 1 463 015 | (S) | 105 481 | 150 068 | 132 706 | 300 079 | 305 822 | 283 885 | (D) | (D) |
| Rental cost for machinery, equipment, and buildings | 90 897 | (S) | 10 439 | 12 871 | 22 296 | 10 717 | 13 043 | 15 569 | (D) | (D) |
| Capital expenditures, other than land | 95 424 | (S) | 8 479 | 8 936 | 13 267 | 9 136 | 13 806 | 35 177 | (D) | (D) |
| End-of-year gross book value of depreciable assets | 1 357 406 | (S) | 49 607 | 79 169 | 72 597 | 127 107 | 94 145 | 934 781 | (D) | (D) |
| 1987 | | | | | | | | | | |
| All employees** | 32 961 | (S) | (S) | 4 583 | 7 436 | 4 647 | 9 834 | (D) | — | (D) |
| Value of construction work | 3 542 235 | (S) | (S) | 467 063 | 742 694 | 608 576 | 1 014 295 | (D) | — | (D) |
| Value added†† | 1 648 169 | (S) | (S) | 214 113 | 333 387 | 290 143 | 501 081 | (D) | — | (D) |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 1 | 7 | 8 | 6 | 3 | (Z) | (Z) | (Z) | — | (D) |
| Net value of construction work† | 1 | 7 | 8 | 5 | 1 | (Z) | (Z) | (Z) | — | (D) |
| Capital expenditures, other than land | 3 | (S) | 24 | 21 | 3 | (Z) | (Z) | (Z) | — | (D) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|-----------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 3 311 | (S) | (S) | (S) | 758 | 591 | 570 | 437 | 164 | 107 | 82 |
| All employees** | 41 031 | (S) | (S) | (S) | 1 868 | 2 863 | 4 317 | 7 358 | 5 287 | 5 253 | 13 356 |
| Payroll, all employees | 1 165 636 | (S) | (S) | (S) | 27 521 | 55 348 | 97 917 | 180 296 | 147 415 | 159 701 | 489 007 |
| Dollar value of business done | 5 321 223 | (S) | (S) | (S) | 124 046 | 214 934 | 394 811 | 680 648 | 563 331 | 747 560 | 2 565 684 |
| Value of construction work | 5 202 052 | (S) | (S) | (S) | 121 426 | 211 246 | 389 886 | 668 293 | 548 360 | 736 995 | 2 495 821 |
| Net value of construction work† | 3 739 037 | (S) | (S) | (S) | 109 565 | 185 541 | 330 801 | 555 803 | 457 762 | 515 210 | 1 557 665 |
| Value added†† | 2 330 203 | (S) | (S) | (S) | (S) | 113 060 | 192 780 | 346 029 | 278 176 | 290 900 | 1 028 130 |
| Cost of materials, components, supplies, and fuels | 1 528 006 | (S) | (S) | (S) | 48 139 | 76 169 | 142 946 | 222 129 | 194 557 | 234 876 | 599 398 |
| Cost of construction work subcontracted out to others | 1 463 015 | (S) | (S) | (S) | (S) | 25 706 | 59 085 | 112 490 | 90 598 | 221 785 | 938 156 |
| Rental cost for machinery, equipment, and buildings | 90 897 | (S) | (S) | (S) | 2 132 | (S) | 11 495 | 13 696 | 10 689 | 9 173 | 39 607 |
| Capital expenditures, other than land | 95 424 | (S) | (S) | (S) | 2 742 | (S) | 6 719 | 10 834 | 8 347 | 8 892 | 53 785 |
| End-of-year gross book value of depreciable assets | 1 357 406 | (S) | (S) | (S) | 26 896 | 35 012 | 62 538 | 86 879 | 76 248 | 80 405 | 985 597 |
| 1987 | | | | | | | | | | | |
| All employees** | 32 961 | (S) | (S) | (S) | (S) | (S) | 3 820 | 6 649 | 3 487 | 3 732 | 10 091 |
| Value of construction work | 3 542 235 | (S) | (S) | (S) | (S) | (S) | 254 331 | 507 757 | 412 604 | 478 600 | 1 582 210 |
| Value added†† | 1 648 169 | (S) | (S) | (S) | (S) | (S) | 129 153 | 279 581 | 184 190 | 218 021 | 658 082 |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 1 | (S) | (S) | (S) | 10 | 9 | 7 | 4 | 2 | 1 | (Z) |
| Net value of construction work† | 1 | (S) | (S) | (S) | 9 | 9 | 8 | 5 | 3 | 4 | (Z) |
| Capital expenditures, other than land | 3 | (S) | (S) | (S) | 23 | (S) | 24 | 20 | 5 | 7 | (Z) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 8. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

| Type of construction | Value of construction work | | | | Relative standard error of estimate (percent) for column— | | | |
|--|----------------------------|------------------|---|------------------------|---|----------|----------|----------|
| | Total | New construction | Additions, alterations, or reconstruction | Maintenance and repair | A | B | C | D |
| | A | B | C | D | A | B | C | D |
| 1992 | | | | | | | | |
| Value of construction work | 5 202 052 | 3 947 572 | 727 955 | 399 152 | 1 | 1 | 3 | 3 |
| Building construction | 3 886 687 | 3 143 808 | 520 637 | 222 243 | 1 | 2 | 4 | 4 |
| Single-family houses | 1 803 825 | 1 604 139 | 115 568 | 84 118 | 2 | 3 | 9 | 6 |
| Single-family houses, detached | 1 581 328 | 1 413 088 | 98 473 | 69 767 | 2 | 2 | 10 | 6 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 222 497 | 191 051 | 17 095 | 14 351 | 14 | 16 | 17 | 16 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 198 639 | 170 705 | 10 333 | 17 601 | 12 | 14 | 15 | 10 |
| Other residential buildings, including hotels, motels, and tourist cabins | 466 999 | 333 959 | 115 806 | 17 233 | 1 | 1 | 4 | 12 |
| Office buildings | 241 827 | 157 700 | 61 565 | 22 561 | 4 | 3 | 12 | 11 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 386 455 | 256 372 | 80 293 | 49 790 | 5 | 6 | 9 | 9 |
| Industrial buildings and warehouses | 243 122 | 190 460 | 35 155 | 17 507 | 3 | 3 | 11 | 9 |
| Industrial buildings | 155 230 | 113 331 | 27 797 | 14 101 | 4 | 4 | 14 | 11 |
| Warehouses | 87 892 | 77 129 | 7 358 | 3 406 | 3 | 3 | 12 | 9 |
| Educational buildings | 192 745 | 162 298 | 26 098 | 4 349 | 7 | 8 | 15 | 10 |
| Hospitals and institutional buildings | 244 415 | 199 998 | 40 179 | 4 238 | 2 | 1 | 7 | 6 |
| Amusement, social, and recreational buildings, indoors | 66 851 | 43 399 | 21 897 | 1 555 | 6 | 3 | 15 | 4 |
| Other nonresidential buildings | 41 811 | 24 778 | 13 743 | 3 290 | 9 | 7 | 25 | 12 |
| Nonbuilding construction | 1 187 993 | 803 765 | 207 319 | 176 910 | 2 | 2 | 1 | 3 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 279 541 | 172 945 | 64 142 | 42 453 | 3 | 4 | 3 | 9 |
| Outdoor swimming pools | 58 135 | 51 626 | (D) | (D) | 23 | 25 | (D) | (D) |
| Fencing | 29 706 | 25 872 | 1 303 | 2 531 | 17 | 18 | 4 | 19 |
| Bridges, tunnels, and elevated highways | 53 702 | (D) | (D) | (Z) | (D) | (D) | (D) | (D) |
| Conservation and development construction | 95 789 | 60 527 | 32 179 | *3 083 | 3 | 3 | (Z) | 48 |
| Power and communication transmission lines, towers, and related facilities | 48 001 | (D) | (D) | (D) | 2 | (D) | (D) | (D) |
| Sewers, water mains, and related facilities | 117 443 | 93 071 | 11 621 | 12 750 | 5 | 6 | 3 | 14 |
| Sewers, sewer lines, septic systems, and related facilities | 48 979 | 37 340 | 5 379 | 6 260 | 7 | 6 | 6 | 29 |
| Water mains and related facilities | 68 464 | 55 732 | 6 242 | 6 490 | 7 | 8 | 1 | 2 |
| Blast furnaces, petroleum refineries, chemical complexes, etc. | 26 100 | 17 859 | 3 271 | 4 969 | 17 | 11 | 37 | 24 |
| Other nonbuilding construction | 479 575 | 313 470 | (D) | (D) | 1 | 1 | (D) | (D) |
| Construction work, n.s.k. | 127 372 | (NA) | (NA) | (NA) | 7 | (NA) | (NA) | (NA) |
| 1987 | | | | | | | | |
| Value of construction work | 3 542 235 | 2 574 333 | 586 002 | 252 296 | 3 | 4 | 5 | 3 |
| Building construction | 2 384 003 | 1 829 795 | 384 050 | 150 861 | 4 | 5 | 8 | 4 |
| Single-family houses | 893 397 | 758 895 | 87 609 | 46 891 | 4 | 5 | 9 | 8 |
| Single-family houses, detached | 698 922 | 580 165 | 81 259 | 37 498 | 4 | 5 | 10 | 10 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 194 475 | 178 730 | 6 350 | 9 393 | 11 | 12 | 11 | 15 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 197 057 | 175 055 | 10 776 | 11 225 | 30 | 33 | 9 | 14 |
| Other residential buildings, including hotels, motels, and tourist cabins | 281 604 | 204 941 | 59 486 | 17 176 | 2 | 2 | 5 | 6 |
| Office buildings | 203 341 | 155 382 | 34 325 | 13 633 | 4 | 5 | 6 | 9 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 339 083 | 225 387 | 89 651 | 24 043 | 14 | 17 | 29 | 10 |
| Industrial buildings and warehouses | 258 876 | 200 120 | 40 979 | 17 776 | 4 | 4 | 5 | 7 |
| Industrial buildings | 148 699 | 107 657 | 27 682 | 13 359 | 5 | 6 | 6 | 7 |
| Warehouses | 110 177 | 92 463 | 13 297 | 4 417 | 5 | 6 | 7 | 12 |
| Educational buildings | 67 633 | 40 301 | 21 879 | 5 452 | 5 | 7 | 7 | 13 |
| Hospitals and institutional buildings | 49 697 | 25 016 | 21 943 | 2 737 | 11 | 6 | 22 | 12 |
| Amusement, social, and recreational buildings, indoors | 39 406 | 35 744 | 1 123 | 2 539 | 2 | 1 | 13 | 15 |
| Other nonresidential buildings | 53 903 | 27 923 | 16 273 | 9 704 | (NA) | (NA) | (NA) | (NA) |
| Nonbuilding construction | 1 028 628 | 725 563 | 201 952 | 101 112 | 2 | 2 | 2 | 3 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 255 444 | 137 503 | 98 364 | 19 576 | 1 | 1 | (Z) | 3 |
| Outdoor swimming pools | 17 165 | 16 725 | *260 | 179 | 17 | 17 | 50 | 8 |
| Fencing | 9 876 | 7 747 | 903 | 1 226 | 9 | 10 | 21 | 2 |
| Conservation and development construction | 4 715 | 1 441 | 2 544 | 729 | 21 | 39 | 28 | 19 |
| Power and communication transmission lines, towers, and related facilities | 79 962 | 66 353 | 5 360 | 8 249 | 17 | 15 | 37 | 18 |
| Sewers, water mains, and related facilities | 74 398 | 58 735 | 12 990 | 2 672 | 5 | 6 | 5 | 18 |
| Sewers, sewer lines, septic systems, and related facilities | 34 035 | 26 237 | 6 511 | 1 286 | 5 | 6 | 6 | 23 |
| Water mains and related facilities | 40 363 | 32 498 | 6 479 | 1 386 | 8 | 9 | 5 | 18 |
| Other nonbuilding construction | 587 068 | 437 059 | 83 901 | 68 923 | (NA) | (NA) | (NA) | (NA) |
| Construction work, n.s.k. | 129 604 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F | |
| | | | | A | B | C | D | E | F | A | B | C | D | E |
| 15, 16, 17 | Construction industries ----- | 3 311 | 31 415 | 29 318 | 31 151 | 33 081 | 32 112 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 507 | 1 964 | 1 910 | 1 922 | 2 033 | 1 993 | 7 | 7 | 7 | 6 | 8 | 7 | 5 |
| 1522 | Other residential buildings ----- | 59 | 702 | 591 | 658 | 791 | 769 | 23 | 7 | 8 | 9 | 6 | 5 | 5 |
| 1531 | Operative builders ----- | 184 | 853 | 889 | 935 | 846 | 743 | 13 | 6 | 5 | 5 | 6 | 8 | 8 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 18 | 221 | 250 | 203 | 231 | 200 | 22 | 16 | 18 | 17 | 15 | 16 | 7 |
| 1542 | Nonresidential buildings, n.e.c. --- | 226 | 1 590 | 1 505 | 1 482 | 1 638 | 1 735 | 12 | 6 | 8 | 7 | 6 | 7 | 7 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 72 | 1 353 | 998 | 1 457 | 1 533 | 1 425 | 20 | 5 | 5 | 7 | 5 | 4 | 4 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 1 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines ---- | 53 | 939 | 895 | 959 | 1 006 | 895 | 18 | 4 | 4 | 4 | 5 | 3 | 3 |
| 1629 | Heavy construction, n.e.c. ----- | 83 | 3 631 | 3 613 | 3 658 | 3 818 | 3 436 | 15 | 3 | 2 | 3 | 3 | 4 | 4 |
| 17 | Special trade contractors: | | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 370 | 3 070 | 2 736 | 2 930 | 3 202 | 3 413 | 4 | 2 | 3 | 2 | 2 | 3 | 3 |
| 1721 | Painting and paper hanging ----- | 140 | 641 | 573 | 643 | 825 | 525 | 11 | 9 | 10 | 9 | 14 | 9 | 9 |
| 1731 | Electrical work ----- | 305 | 2 781 | 2 510 | 2 511 | 2 911 | 3 191 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 109 | 1 263 | 1 258 | 1 369 | 1 256 | 1 168 | 12 | 5 | 5 | 4 | 6 | 5 | 5 |
| 1742 | Plastering, drywall, and insulation work ----- | 176 | 2 965 | 2 884 | 2 774 | 3 007 | 3 194 | 7 | 4 | 5 | 4 | 4 | 3 | 3 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 67 | 542 | 512 | 514 | 591 | 553 | 4 | 12 | 12 | 12 | 13 | 14 | 14 |
| 175 | Carpentry and floor work: | | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 181 | 2 138 | 2 037 | 2 365 | 2 019 | 2 129 | 11 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1752 | Floor laying and other floor work -- | 54 | 319 | 315 | 335 | 338 | 288 | 12 | 21 | 20 | 22 | 23 | 19 | 19 |
| 1761 | Roofing, siding, and sheet metal work ----- | 94 | 982 | 932 | 963 | 1 033 | 1 002 | 6 | 7 | 7 | 6 | 7 | 7 | 7 |
| 1771 | Concrete work ----- | 192 | 2 352 | 2 224 | 2 360 | 2 512 | 2 310 | 7 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1781 | Water well drilling ----- | 32 | 181 | 195 | 198 | 188 | 142 | 27 | 15 | 14 | 14 | 14 | 19 | 19 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 28 | 557 | 413 | 514 | 676 | 628 | 18 | 3 | 5 | 3 | 2 | 3 | 3 |
| 1793 | Glass and glazing work ----- | 47 | 276 | 209 | 288 | 297 | 311 | 5 | 9 | 7 | 8 | 9 | 9 | 9 |
| 1794 | Excavation work ----- | 92 | 713 | 628 | 694 | 805 | 723 | 12 | 12 | 12 | 11 | 13 | 15 | 15 |
| 1795 | Wrecking and demolition work ---- | 1 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 17 | 219 | 174 | 181 | 253 | 267 | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) | (Z) |
| 1799 | Special trade contractors, n.e.c. --- | 205 | (D) | (D) | (D) | (D) | (D) | 11 | (D) | (D) | (D) | (D) | (D) | (D) |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees** per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|---|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 12.4 | 28.4 | 165.6 | .224 | .294 | .281 | .340 | .017 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 5.1 | 22.4 | 258.5 | .115 | .207 | .513 | .026 | .012 |
| 1522 | Other residential buildings ----- | 15.0 | 35.9 | 409.5 | .110 | .188 | .635 | .026 | .006 |
| 1531 | Operative builders ----- | 10.3 | 28.1 | 817.5 | .076 | .265 | .481 | .004 | .004 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 17.0 | 27.5 | 336.3 | .114 | .253 | .527 | *.040 | .005 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 9.8 | 30.7 | 376.3 | .113 | .158 | .620 | .043 | .011 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 22.7 | 34.1 | 172.0 | .240 | .385 | .130 | .223 | .039 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines ----- | 22.1 | 33.7 | 152.1 | .275 | .334 | .102 | .284 | .032 |
| 1629 | Heavy construction, n.e.c. ----- | 71.0 | 37.5 | 158.3 | .382 | .244 | .112 | (D) | .032 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 10.8 | 29.8 | 132.7 | .292 | .417 | .057 | .785 | .017 |
| 1721 | Painting and paper hanging ----- | 5.7 | 20.8 | 70.9 | .365 | .312 | .039 | .647 | .010 |
| 1731 | Electrical work ----- | 11.6 | 27.3 | 112.8 | .310 | .357 | .101 | .876 | .016 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 13.5 | 18.5 | (D) | (D) | (D) | (D) | (D) | (D) |
| 1742 | Plastering, drywall, and insulation work ----- | 19.1 | 23.8 | 69.3 | .390 | .342 | .069 | .849 | .014 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 9.8 | 25.6 | 86.4 | .357 | .431 | *.063 | .875 | .012 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 13.6 | 23.5 | 93.3 | .290 | .438 | .027 | .669 | .018 |
| 1752 | Floor laying and other floor work ----- | 7.5 | 21.7 | 100.7 | .271 | (S) | (S) | (S) | (S) |
| 1761 | Roofing, siding, and sheet metal work ----- | 12.5 | 24.5 | 118.6 | .247 | .379 | .074 | .797 | .010 |
| 1771 | Concrete work ----- | 13.7 | 28.6 | 111.5 | .288 | .379 | .121 | .751 | .036 |
| 1781 | Water well drilling ----- | 6.7 | 23.9 | 122.9 | .229 | (D) | .019 | .092 | .025 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | 24.1 | 34.7 | 135.4 | .305 | (D) | .068 | (S) | .017 |
| 1793 | Glass and glazing work ----- | 8.7 | 24.8 | 137.9 | .267 | .506 | .005 | .753 | .024 |
| 1794 | Excavation work ----- | 9.3 | 23.9 | 109.3 | .262 | .247 | .163 | .819 | .050 |
| 1795 | Wrecking and demolition work ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 16.8 | 32.7 | 187.0 | .228 | .398 | .005 | .291 | .015 |
| 1799 | Special trade contractors, n.e.c. ----- | (D) | (D) | (D) | (D) | (D) | (D) | .433 | (D) |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

[Not applicable]

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New Mexico

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-- Not applicable for this report.

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for New Mexico. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 10,468 establishments in this State operating in the construction industries. These establishments accounted for \$3.0 billion in total dollar value of business done.

Most of the 10,468 construction establishments were small. Of the total, 6,467 were nonemployers, and over half of the employer establishments had less than 5 employees. The 1,432 construction establishments with 5 employees or more, while representing only 14 percent of all establishments, accounted for more than 80 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$2.83 billion in total dollar value of business done. Of this amount, \$2.79 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$639 million, leaving net value of construction work of \$2.2 billion. In addition, these establishments paid out \$981 million for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$1.3 billion. (See Introduction and appendixes for explanation of terms.)

There were 4,001 establishments with total employment averaging 30,888 during the year. Total payroll for 1992 was \$610 million.

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

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

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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 6,467 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$184 million. Most of these establishments, about 78 percent, were special trade contractors.

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

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

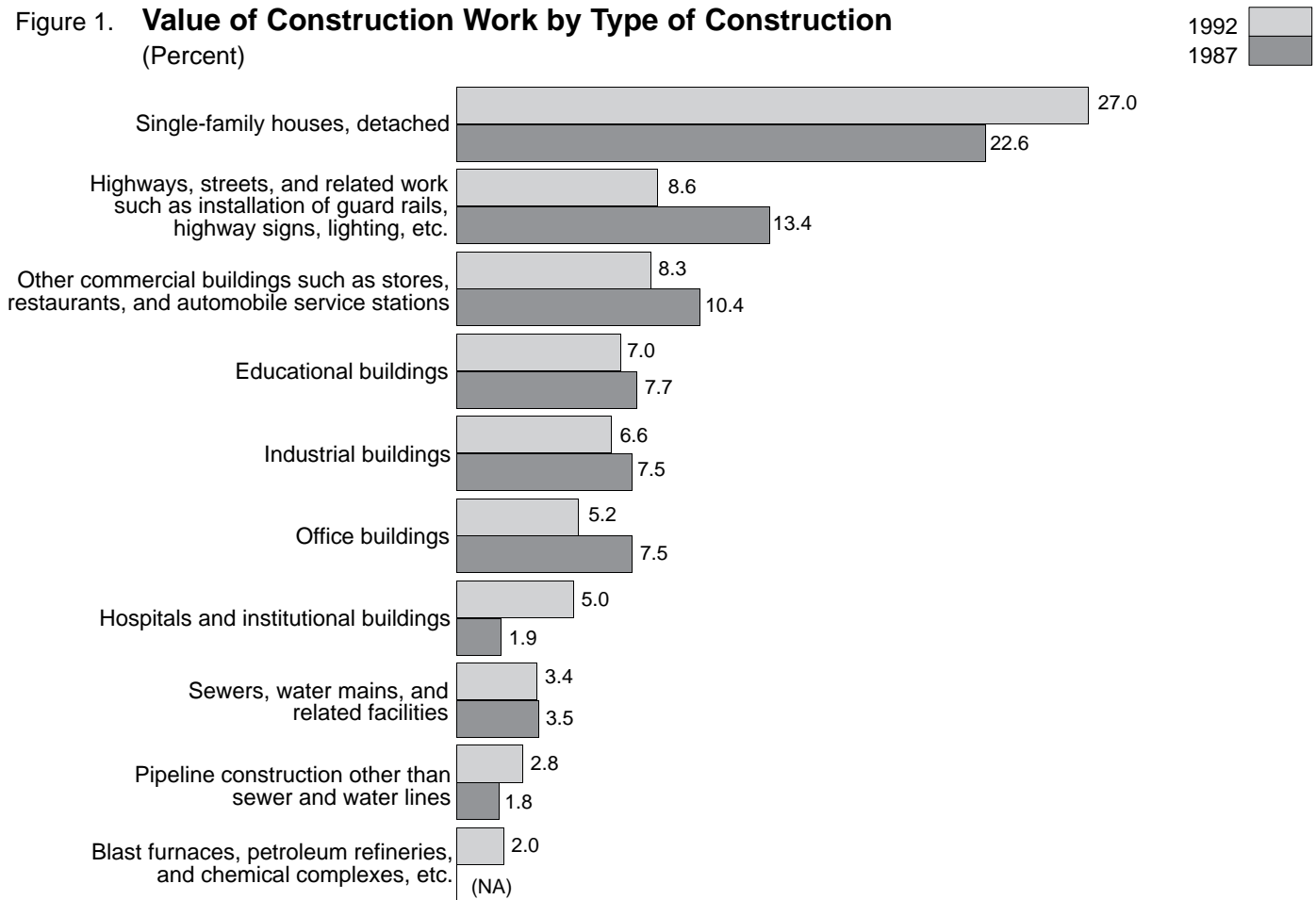


Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

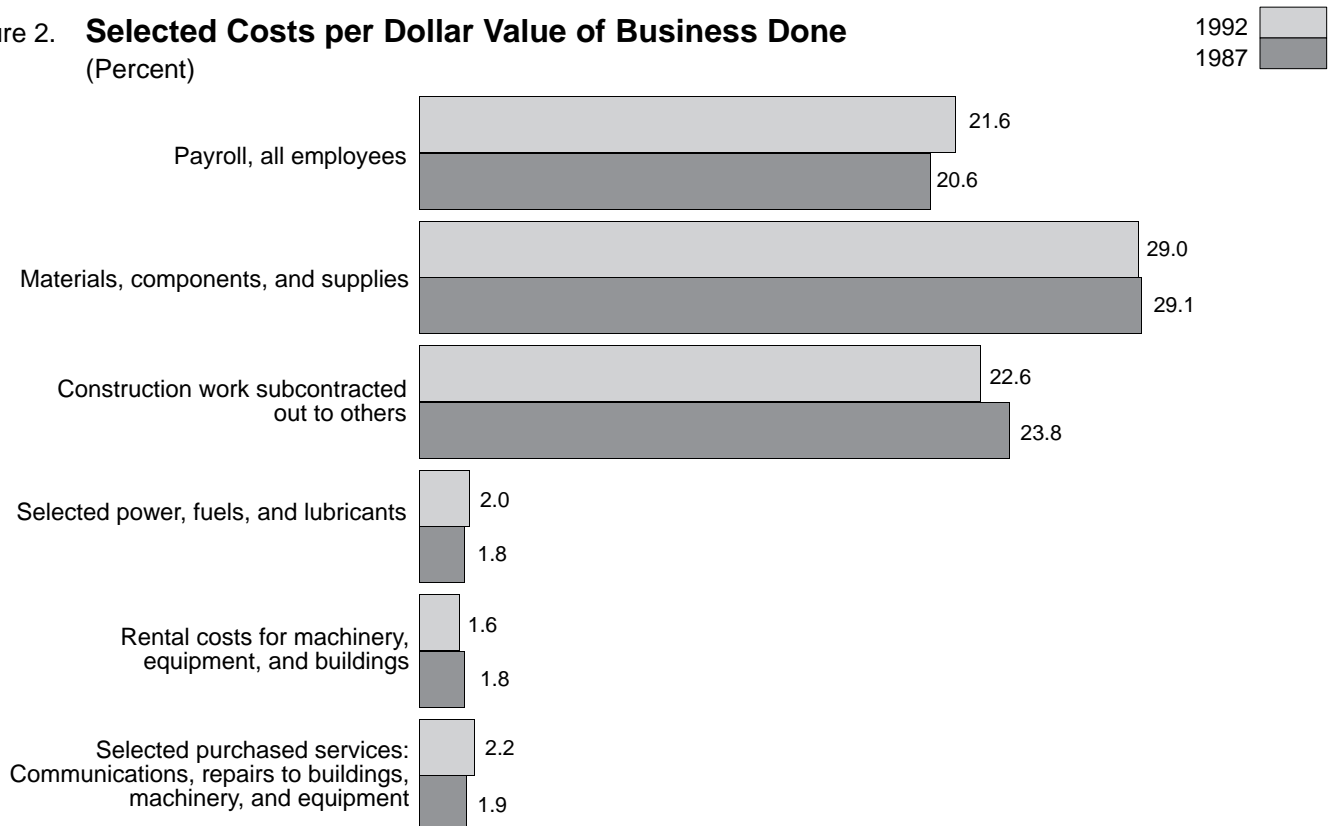


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— J K | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|--|---|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | |
| | | A | B | C | D | E | F | G | H | I | J | K | | |
| 1992 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 10 468 | 8 628 | 30 888 | 3 009 254 | 6 467 | 6 323 | 184 185 | 4 001 | 2 305 | 30 888 | 2 825 069 | 1 | 2 |
| 15 | Building construction—General contractors and operative builders ---- | 2 703 | 2 014 | 8 520 | 1 335 135 | 1 232 | 1 145 | 81 215 | 1 471 | 869 | 8 520 | 1 253 920 | 3 | 3 |
| 16 | Heavy construction other than building construction— contractors----- | 425 | 265 | 6 291 | 524 370 | 176 | 169 | 3 783 | 249 | 96 | 6 291 | 520 587 | 3 | 3 |
| 17 | Special trade contractors ----- | 7 340 | 6 349 | 16 076 | 1 149 748 | 5 059 | 5 009 | 99 187 | 2 281 | 1 340 | 16 076 | 1 050 561 | 2 | 2 |
| 1711 | Plumbing, heating, and air-conditioning -- | 1 037 | 807 | 3 309 | 264 517 | 539 | 528 | 15 793 | 498 | 279 | 3 309 | 248 724 | 5 | 5 |
| 1731 | Electrical work----- | 997 | 724 | 3 996 | 318 880 | 479 | 476 | 11 099 | 518 | 248 | 3 996 | 307 781 | 3 | 3 |
| 1987 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 10 789 | 8 165 | 29 139 | 2 787 666 | 7 082 | 7 042 | 362 027 | 3 707 | 1 123 | 29 139 | 2 425 639 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders ---- | 3 023 | 1 956 | 7 787 | 1 114 703 | 1 761 | 1 646 | 144 865 | 1 262 | 310 | 7 787 | 969 838 | 4 | 4 |
| 16 | Heavy construction other than building construction— contractors----- | 381 | 188 | 6 407 | 587 987 | 130 | 128 | 11 597 | 251 | 60 | 6 407 | 576 390 | 2 | 2 |
| 17 | Special trade contractors ----- | 6 988 | 5 627 | 14 803 | 1 005 223 | 4 859 | 4 889 | 134 302 | 2 129 | 738 | 14 803 | 870 921 | 2 | 2 |
| 1711 | Plumbing, heating, and air-conditioning -- | 1 046 | 739 | 3 276 | 233 205 | 535 | 542 | 21 034 | 511 | 197 | 3 276 | 212 171 | 4 | 4 |
| 1731 | Electrical work----- | 890 | 572 | 2 805 | 226 289 | 478 | 477 | 16 936 | 412 | 95 | 2 805 | 209 353 | 4 | 3 |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|------------|--|--------------------------|---------------|----------------------|----------------|----------------------|----------------------------|---------------------------------|------------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added†† |
| | | | All | Construction workers | All employees | Construction workers | | | |
| | | | A | B | C | D | | | |
| 15, 16, 17 | Construction industries¹ | 4 001 | 30 888 | 24 969 | 609 996 | 442 039 | 2 789 755 | 2 150 479 | 1 312 024 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses | 1 015 | 3 507 | 2 742 | 50 318 | 36 002 | 328 529 | 239 275 | 129 194 |
| 1522 | Other residential buildings | 28 | *134 | 93 | 1 734 | 1 332 | 11 012 | 7 687 | 3 137 |
| 1531 | Operative builders | 125 | 666 | 386 | 16 612 | 6 609 | 230 697 | 140 508 | 97 650 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 70 | 493 | 386 | 9 622 | 6 869 | 32 408 | 20 974 | 11 239 |
| 1542 | Nonresidential buildings, n.e.c. | 233 | 3 721 | 2 819 | 99 838 | 64 210 | 633 549 | 338 185 | 200 940 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction | 51 | 2 160 | 1 885 | 48 647 | 33 943 | 214 925 | 178 548 | 101 537 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | (S) | 127 | 118 | (D) | 2 195 | 18 551 | (D) | (D) |
| 1623 | Water, sewer, and utility lines | 80 | 2 813 | 2 469 | 64 518 | 50 683 | 198 271 | 175 257 | 128 495 |
| 1629 | Heavy construction, n.e.c. | 112 | 1 191 | 1 001 | 23 128 | 17 331 | 84 336 | 74 503 | 52 120 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 498 | 3 309 | 2 538 | 65 217 | 46 890 | 243 865 | 217 524 | 127 581 |
| 1721 | Painting and paper hanging | 158 | 583 | 511 | 8 313 | 6 846 | 24 508 | 23 849 | 16 788 |
| 1731 | Electrical work | 518 | 3 996 | 3 128 | 89 972 | 66 719 | 305 644 | 281 972 | 171 784 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework | 108 | 761 | 692 | 9 976 | (D) | (D) | 32 959 | 20 541 |
| 1742 | Plastering, drywall, and insulation work | 169 | 1 566 | 1 347 | 24 788 | 20 397 | 68 582 | 65 307 | 41 432 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 33 | 100 | (S) | 1 460 | 1 155 | 6 208 | 6 070 | 3 255 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry | 139 | 752 | 632 | 11 253 | 9 218 | 46 895 | 39 431 | 23 060 |
| 1752 | Floor laying and other floor work | 56 | 155 | 125 | 2 478 | 1 961 | 13 717 | 12 912 | 6 448 |
| 1761 | Roofing, siding, and sheet metal work | 141 | 1 160 | 969 | 17 616 | 13 465 | 66 336 | 64 137 | 37 631 |
| 1771 | Concrete work | 139 | 998 | 835 | 16 505 | 12 850 | 62 044 | 57 881 | 32 309 |
| 1781 | Water well drilling | 55 | 165 | 138 | 3 237 | 2 614 | 13 417 | 13 285 | 7 300 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection | 23 | 396 | 347 | 7 070 | 5 607 | 20 933 | 20 457 | 10 795 |
| 1793 | Glass and glazing work | 31 | 101 | 79 | 2 152 | 1 468 | 8 938 | (D) | 4 491 |
| 1794 | Excavation work | 60 | 495 | 420 | 7 799 | 6 585 | 29 938 | 28 378 | 19 670 |
| 1795 | Wrecking and demolition work | 3 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. | 16 | 314 | 263 | 5 191 | 3 991 | 14 103 | (D) | 9 172 |
| 1799 | Special trade contractors, n.e.c. | 136 | (D) | (D) | 18 779 | 13 234 | 74 767 | 71 457 | 45 519 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|---|--|--|--|---|--|--------------------------------------|--|---|---|---|---|---|
| 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 of 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†† | | | | |
| I | J | K | L | M | N | O | P | Q | B | G | M | |
| 873 768 | 639 276 | 749 421 | 44 789 | 58 489 | 495 259 | 29 139 | 2 347 300 | 1 071 100 | 1 | 1 | 7 | 15, 16, 17 15 |
| 119 772 *4 745 | 89 254 *3 325 | 9 579 (S) | 2 475 *114 | 5 835 (S) | 41 774 (S) | 3 035 (S) | 213 351 (S) | 81 416 (S) | 7 40 | 8 35 | 20 (S) | 152 1521 1522 |
| 47 374 | 90 189 | 148 | *615 | 832 | *6 925 | 925 | 152 276 | 42 561 | 12 | 9 | 24 | 1531 |
| (D) 139 676 | 11 433 295 364 | *5 017 19 916 | (S) 5 891 | *740 3 616 | 6 417 35 593 | 643 3 100 | 77 820 471 352 | 25 675 139 220 | 22 5 | 18 3 | 46 26 | 154 1541 1542 16 |
| 78 701 | 36 377 | 19 469 | 5 275 | 10 484 | 128 640 | 2 744 | 291 476 | 137 171 | 3 | 2 | 9 | 1611 |
| 7 306 49 525 22 433 | (D) 23 014 *9 833 | *4 075 28 277 *21 563 | — 11 501 2 093 | 62 7 270 *7 220 | 2 693 73 310 28 504 | 513 1 820 1 330 | (D) 136 787 91 129 | 25 315 82 101 46 804 | 22 5 13 | (D) 5 14 | 18 9 45 | 162 1622 1623 1629 17 |
| 94 802 | 26 341 | 165 345 | 3 843 | 4 535 | 29 435 | 3 276 | 205 093 | 111 772 | 5 | 5 | 18 | 1711 |
| 7 085 | 658 | 16 453 | 331 | 441 | 2 755 | 814 | 31 799 | 21 068 | 8 | 8 | 21 | 1721 |
| 112 325 | 23 673 | 164 649 | 3 653 | 5 833 | 42 007 | 2 805 | 207 144 | 109 824 | 3 | 3 | 14 | 1731 |
| (D) 24 108 2 815 | (D) *3 276 138 | 23 661 60 666 5 986 | 465 800 48 | (D) 1 116 (S) | 4 071 7 625 472 | 728 1 801 143 | 30 776 83 570 7 783 | 18 718 51 118 5 041 | 15 15 21 | 13 15 7 | (D) 23 (S) | 174 1741 1742 1743 175 1751 1752 |
| 16 553 6 546 | (S) 806 | (S) 9 806 | (S) 256 | *802 611 | 3 030 2 201 | 419 156 | 17 146 12 251 | 6 523 4 291 | 15 13 | 14 15 | 50 5 | 1761 |
| 27 245 | 2 199 | 34 577 | 1 013 | 844 | 12 274 | 1 518 | 89 298 | 53 825 | 8 | 7 | 28 | 1761 |
| 25 572 | 4 163 | 48 227 | 1 171 | 2 135 | 15 151 | 1 339 | 74 546 | 41 571 | 11 | 8 | 26 | 1771 |
| 6 193 | 132 | 5 420 | 123 | 311 | 9 527 | 191 | 10 787 | 6 278 | 12 | 11 | 30 | 1781 |
| 10 094 4 457 *9 733 633 4 518 28 010 | 477 (D) (S) (D) (D) | 10 214 6 316 *9 266 1 435 7 577 37 903 | 521 215 *912 (D) 187 (D) | 1 215 55 *1 172 (D) *148 2 441 | *8 296 1 490 *11 631 (D) 2 473 (D) | 174 131 225 93 49 941 | 6 637 8 543 10 979 4 542 5 082 37 849 | 4 736 5 118 9 236 3 480 3 933 23 986 | 21 15 26 (D) (D) (D) | 13 (D) 18 (D) (D) 11 15 | 11 (Z) 69 (D) (D) 59 34 | 179 1791 1793 1794 1795 1796 1799 |

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW MEXICO NM-7

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|-----------|-----------|-----------|-----------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 4 001 | 3 707 | 3 496 | 3 375 | 1 | 2 | 3 | 4 |
| Proprietors and working partners..... | 2 305 | 1 123 | 1 438 | 2 270 | 3 | 7 | 5 | 7 |
| All employees** | 30 888 | 29 139 | 30 390 | 30 032 | 1 | 2 | 2 | 2 |
| Construction workers: | | | | | | | | |
| March..... | 22 788 | 21 575 | 23 785 | 23 801 | 2 | 2 | 2 | 2 |
| May..... | 25 179 | 23 484 | 24 551 | 26 469 | 2 | 2 | 2 | 2 |
| August..... | 26 999 | 25 287 | 26 424 | 27 201 | 2 | 2 | 2 | 2 |
| November..... | 24 910 | 22 588 | 24 531 | 26 942 | 2 | 2 | 2 | 2 |
| Average..... | 24 969 | 23 233 | 25 156 | 26 121 | 2 | 2 | 2 | 2 |
| Other employees: | | | | | | | | |
| March..... | 5 876 | 5 862 | 5 040 | 3 820 | 2 | 2 | 3 | 3 |
| May..... | 5 823 | 5 931 | (NA) | (NA) | 2 | 3 | (NA) | (NA) |
| August..... | 5 960 | 6 054 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| November..... | 6 016 | 5 775 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| Average..... | 5 919 | 5 905 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| Payroll, all employees | 609 996 | 499 966 | 453 335 | 306 872 | 1 | 1 | 1 | 1 |
| Payroll, construction workers | 442 039 | 370 116 | 359 365 | 252 822 | 1 | 1 | 2 | 1 |
| Payroll, other employees | 167 957 | 129 849 | 93 970 | 54 050 | 2 | 2 | 2 | 2 |
| First quarter payroll, all employees | 134 127 | 111 562 | 101 131 | 65 576 | 2 | 2 | 2 | 1 |
| Fringe benefits, all employees | 138 567 | 108 448 | 84 528 | 54 125 | 2 | 2 | 2 | 1 |
| Legally required expenditures..... | 104 570 | 78 707 | 60 922 | 34 508 | 2 | 2 | 2 | 1 |
| Voluntary expenditures..... | 33 998 | 29 741 | 23 605 | 19 616 | 3 | 2 | 2 | 1 |
| Dollar value of business done | 2 825 069 | 2 425 639 | 1 823 933 | 1 228 220 | 2 | 2 | 2 | 2 |
| Value of construction work | 2 789 755 | 2 347 300 | 1 734 554 | 1 180 749 | 2 | 2 | 2 | 2 |
| Value of construction work subcontracted in from others | 749 421 | 575 128 | 415 535 | 297 198 | 4 | 3 | 3 | 3 |
| Other business receipts | 35 313 | 50 172 | 71 330 | 47 471 | 11 | 9 | 3 | 4 |
| Net value of construction† | 2 150 479 | 1 769 937 | 1 360 448 | 963 978 | 1 | 2 | 2 | 2 |
| Value added†† | 1 312 024 | 1 071 100 | 846 845 | 555 831 | 1 | 2 | 2 | 2 |
| Selected costs | 1 513 044 | 1 326 372 | 959 039 | 653 519 | 3 | 2 | 2 | 2 |
| Materials, components, and supplies | 818 509 | 705 932 | 537 369 | 396 499 | 2 | 2 | 2 | 2 |
| Construction work subcontracted out to others | 639 276 | 577 363 | 374 105 | 216 771 | 5 | 3 | 3 | 3 |
| Selected power, fuels, and lubricants..... | 55 259 | 43 076 | 47 563 | 40 248 | 2 | 2 | 2 | 1 |
| Electricity..... | 7 365 | 5 076 | 4 835 | 9 032 | 7 | 3 | 4 | 1 |
| Natural gas..... | 2 893 | 2 263 | 2 794 | 5 886 | 11 | 3 | 5 | 1 |
| Gasoline and diesel fuel | 41 304 | 31 641 | 37 146 | 21 391 | 2 | 2 | 2 | 2 |
| On highway use..... | 28 105 | 22 312 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| Off highway use..... | 13 198 | 9 329 | (NA) | (NA) | 3 | 3 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 3 698 | 4 095 | 2 787 | 3 940 | 4 | 4 | 5 | 4 |
| Rental cost for machinery, equipment, and buildings | 44 789 | 43 671 | 31 043 | 17 331 | 3 | 3 | 3 | 2 |
| For machinery and equipment | 32 673 | 30 178 | 24 783 | 14 154 | 4 | 4 | 3 | 2 |
| For buildings..... | 12 115 | 13 493 | 6 259 | 3 177 | 7 | 4 | 5 | 6 |
| Selected purchased services | 62 286 | 45 965 | 43 165 | 37 284 | 6 | 3 | 2 | 2 |
| Communication services | 14 588 | 10 092 | 9 531 | 5 076 | 5 | 3 | 3 | 3 |
| Repairs to buildings and other structures | 3 645 | 2 610 | 1 795 | 1 775 | 7 | 15 | 6 | 15 |
| Repairs to machinery and equipment | 44 052 | 33 263 | 31 839 | 30 433 | 7 | 3 | 2 | 1 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 2 789 755 | 2 347 300 | 1 734 554 | 1 180 749 | 2 | 2 | 2 | 2 |
| Government owned | 974 139 | 858 817 | 509 711 | 367 665 | 4 | 4 | 3 | 1 |
| Federal | 373 681 | 343 123 | (NA) | (NA) | 7 | 4 | (NA) | (NA) |
| State and local | 600 458 | 515 693 | (NA) | (NA) | 5 | 5 | (NA) | (NA) |
| Privately owned | 1 815 616 | 1 488 482 | 1 224 842 | 813 084 | 5 | 3 | 2 | 2 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|---------|---------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 476 638 | 386 825 | 4 | 3 |
| Capital expenditures, other than land | 58 489 | 35 992 | 7 | 4 |
| New | 40 351 | 23 260 | 5 | 4 |
| Used | 18 138 | 12 731 | 19 | 8 |
| Retirements and disposition of depreciable assets | (S) | 30 357 | (S) | 7 |
| End-of-year gross book value of depreciable assets | 495 259 | 392 459 | 4 | 3 |
| Depreciation charges during year | 47 990 | 45 104 | 5 | 3 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | 77 466 | 63 703 | 12 | 9 |
| Capital expenditures, other than land | 3 971 | 5 362 | 21 | 12 |
| New buildings and other structures | 3 319 | 2 160 | 24 | 11 |
| Used buildings and other structures | 652 | 3 201 | 23 | 19 |
| Retirements and disposition of depreciable assets | (S) | 2 342 | (S) | 17 |
| End-of-year gross book value of depreciable assets | 62 613 | 66 722 | 15 | 9 |
| Depreciation charges during year | 5 240 | 6 066 | 7 | 17 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 399 172 | 323 121 | 4 | 3 |
| Capital expenditures, other than land | 54 518 | 30 630 | 7 | 4 |
| New machinery and equipment, including automobiles and trucks | 37 032 | 21 099 | 5 | 4 |
| New automobiles and trucks, intended primarily for highway use | 18 535 | 11 089 | 9 | 6 |
| Used machinery and equipment, including automobiles and trucks | 17 487 | 9 530 | 19 | 9 |
| Retirements and disposition of depreciable assets | 21 044 | 28 015 | 12 | 7 |
| End-of-year gross book value of depreciable assets | 432 646 | 325 736 | 3 | 3 |
| Depreciation charges during year | 42 750 | 39 038 | 5 | 3 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|--|-----------------------------|---|
| All establishments: | | |
| Number | 4 001 | 1 |
| Value of construction work | 2 789 755 | 2 |
| Establishments with inventories: | | |
| Number | 1 268 | 4 |
| Value of construction work | 1 087 716 | 2 |
| Inventories¹: | | |
| End of 1992, materials and supplies | 32 160 | 10 |
| End of 1991, materials and supplies | 30 807 | 10 |
| Establishments with no inventories: | | |
| Number | 1 534 | 4 |
| Value of construction work | 1 221 176 | 3 |
| Establishments not reporting: | | |
| Number | 1 199 | 4 |
| Value of construction work | 480 864 | 4 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|-----------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 4 001 | 2 569 | 702 | 434 | 215 | 53 | 22 | 5 | 1 | — |
| All employees** | 30 888 | 4 844 | 4 431 | 5 866 | 6 487 | 3 562 | 3 212 | 2 486 | (D) | — |
| Payroll, all employees | 609 996 | 63 852 | 69 184 | 104 887 | 142 723 | 78 029 | 77 321 | 74 001 | (D) | — |
| Dollar value of business done | 2 825 069 | 410 949 | 344 175 | 486 185 | 657 536 | 315 140 | 348 161 | 262 923 | (D) | — |
| Value of construction work | 2 789 755 | 404 579 | 337 838 | 480 976 | 646 383 | 311 780 | 345 276 | 262 923 | (D) | — |
| Net value of construction work† | 2 150 479 | 328 295 | 273 618 | 353 454 | 496 246 | 237 923 | 231 692 | 229 251 | (D) | — |
| Value added†† | 1 312 024 | 179 084 | 155 154 | 219 756 | 308 836 | 144 649 | 137 449 | 167 097 | (D) | — |
| Cost of materials, components, supplies, and fuels | 873 768 | 155 581 | 124 801 | 138 907 | 198 563 | 96 634 | 97 128 | 62 154 | (D) | — |
| Cost of construction work subcontracted out to others | 639 276 | 76 284 | 64 220 | 127 522 | 150 137 | 73 857 | 113 584 | 33 672 | (D) | — |
| Rental cost for machinery, equipment, and buildings | 44 789 | 4 856 | 3 901 | 6 223 | 10 777 | 7 745 | 6 514 | 4 772 | (D) | — |
| Capital expenditures, other than land | 58 489 | 6 960 | 7 230 | 12 972 | 14 233 | 5 343 | 7 965 | 3 785 | (D) | — |
| End-of-year gross book value of depreciable assets | 495 259 | 49 197 | 54 787 | 76 475 | 107 158 | 61 926 | 88 682 | 57 035 | (D) | — |
| 1987 | | | | | | | | | | |
| All employees** | 29 139 | (S) | 4 692 | 5 306 | 6 931 | 3 576 | 2 983 | 1 423 | — | — |
| Value of construction work | 2 347 300 | (S) | 330 750 | 368 111 | 565 110 | 330 687 | 306 825 | 123 309 | — | — |
| Value added†† | 1 071 100 | (S) | 159 349 | 169 943 | 254 189 | 158 406 | 125 375 | 60 378 | — | — |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 1 | 5 | 8 | 8 | 4 | (Z) | (Z) | (Z) | (D) | — |
| Net value of construction work† | 1 | 7 | 9 | 8 | 3 | (Z) | (Z) | (Z) | (D) | — |
| Capital expenditures, other than land | 7 | 17 | 19 | 24 | 6 | (Z) | (Z) | (Z) | (D) | — |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|-----------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 4 001 | (S) | (S) | 601 | 1 115 | 646 | 482 | 304 | 111 | 44 | 38 |
| All employees** | 30 888 | (S) | (S) | 1 024 | 3 445 | 3 438 | 5 108 | 5 421 | 3 613 | 2 701 | 5 580 |
| Payroll, all employees | 609 996 | (S) | (S) | 9 433 | 41 509 | 50 292 | 82 700 | 109 184 | 87 593 | 66 979 | 157 903 |
| Dollar value of business done | 2 825 069 | (S) | (S) | 43 022 | 180 022 | 226 937 | 341 130 | 471 136 | 378 819 | 292 543 | 875 284 |
| Value of construction work | 2 789 755 | (S) | (S) | 42 572 | 177 418 | 225 498 | 334 874 | 464 648 | 368 972 | 291 352 | 868 398 |
| Net value of construction work† | 2 150 479 | (S) | (S) | 37 721 | 159 534 | 192 706 | 284 183 | 389 442 | 281 300 | 208 532 | 582 513 |
| Value added†† | 1 312 024 | (S) | (S) | 22 440 | 94 650 | 114 369 | 169 701 | 221 778 | 171 565 | 128 578 | 380 523 |
| Cost of materials, components, supplies, and fuels | 873 768 | (S) | (S) | 15 731 | 67 488 | 79 777 | 120 739 | 174 152 | 119 581 | 81 145 | 208 876 |
| Cost of construction work subcontracted out to others | 639 276 | (S) | (S) | 4 850 | 17 884 | 32 791 | 50 691 | 75 206 | 87 673 | 82 820 | 285 885 |
| Rental cost for machinery, equipment, and buildings | 44 789 | (S) | (S) | (S) | 3 060 | 2 476 | 3 498 | 8 174 | 7 163 | 7 951 | 11 695 |
| Capital expenditures, other than land | 58 489 | (S) | (S) | (S) | 4 398 | 4 029 | 10 576 | 12 694 | 9 153 | 4 045 | 11 833 |
| End-of-year gross book value of depreciable assets | 495 259 | (S) | (S) | 8 947 | 31 059 | 31 954 | 65 170 | 78 582 | 79 640 | 44 084 | 153 093 |
| 1987 | | | | | | | | | | | |
| All employees** | 29 139 | (S) | (S) | (S) | (S) | (S) | 4 010 | 6 329 | 3 588 | 2 344 | 4 024 |
| Value of construction work | 2 347 300 | (S) | (S) | (S) | (S) | (S) | 254 756 | 490 206 | 328 941 | 295 859 | 560 945 |
| Value added†† | 1 071 100 | (S) | (S) | (S) | (S) | (S) | 134 543 | 226 094 | 156 912 | 128 018 | 205 455 |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 1 | (S) | (S) | 12 | 9 | 10 | 9 | 6 | 3 | 1 | (Z) |
| Net value of construction work† | 1 | (S) | (S) | 10 | 7 | 9 | 9 | 7 | 4 | 4 | 1 |
| Capital expenditures, other than land | 7 | (S) | (S) | 21 | 25 | 30 | 10 | 8 | 1 | 1 | (Z) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 8. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

| Type of construction | Value of construction work | | | | Relative standard error of estimate (percent) for column— | | | |
|--|----------------------------|------------------|---|------------------------|---|----------|----------|----------|
| | Total | New construction | Additions, alterations, or reconstruction | Maintenance and repair | A | B | C | D |
| | A | B | C | D | A | B | C | D |
| 1992 | | | | | | | | |
| Value of construction work | 2 789 755 | 1 749 705 | 634 894 | 261 913 | 2 | 3 | 3 | 4 |
| Building construction | 1 903 200 | 1 336 370 | 407 583 | 159 246 | 2 | 3 | 4 | 5 |
| Single-family houses | 796 570 | 626 404 | 105 705 | 64 461 | 5 | 7 | 6 | 10 |
| Single-family houses, detached | 752 879 | 596 106 | 99 055 | 57 718 | 6 | 7 | 7 | 11 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 43 691 | 30 298 | 6 651 | 6 742 | 14 | 18 | 14 | 17 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 38 922 | 27 974 | 5 060 | 5 888 | 10 | 14 | 12 | 12 |
| Other residential buildings, including hotels, motels, and tourist cabins | 20 818 | 11 448 | *4 346 | 5 024 | 19 | 27 | 41 | 37 |
| Office buildings | 145 655 | 75 561 | 55 249 | 14 845 | 7 | 6 | 14 | 6 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 231 525 | 154 872 | 51 937 | 24 716 | 6 | 8 | 11 | 11 |
| Industrial buildings and warehouses | 212 268 | 135 505 | 52 572 | 24 191 | 3 | 4 | 5 | 13 |
| Industrial buildings | 184 495 | 115 888 | 46 613 | 21 993 | 3 | 3 | 6 | 13 |
| Warehouses | 27 773 | 19 617 | (S) | 2 197 | 9 | 11 | (S) | 25 |
| Religious buildings | 24 241 | 14 001 | 7 327 | 2 913 | 8 | 6 | 22 | 20 |
| Educational buildings | 194 638 | 127 715 | 60 433 | 6 491 | 5 | 5 | 10 | 11 |
| Hospitals and institutional buildings | 140 216 | 96 225 | 37 550 | 6 441 | 4 | 4 | 6 | 16 |
| Other nonresidential buildings | 98 347 | 66 667 | 27 404 | 4 277 | 7 | 7 | 14 | 23 |
| Nonbuilding construction | 743 311 | 413 334 | 227 310 | 102 667 | 2 | 3 | 5 | 5 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 238 794 | 107 483 | 105 030 | 26 281 | 3 | 4 | 5 | 13 |
| Fencing | 24 089 | 17 875 | (D) | (D) | 28 | 28 | (D) | (D) |
| Conservation and development construction | 14 527 | *11 608 | (D) | (D) | 32 | 40 | (D) | (D) |
| Power and communication transmission lines, towers, and related facilities | 54 035 | (S) | 15 227 | 7 590 | 9 | (S) | 7 | 15 |
| Sewers, water mains, and related facilities | 94 579 | 59 897 | 22 067 | 12 614 | 8 | 10 | 19 | 11 |
| Sewers, sewer lines, septic systems, and related facilities | 49 715 | 27 855 | 14 123 | 7 738 | 10 | 8 | 30 | 17 |
| Water mains and related facilities | 44 864 | 32 043 | 7 945 | 4 876 | 11 | 16 | 10 | 8 |
| Pipeline construction other than sewer or water lines | 77 972 | 48 243 | 13 780 | 15 949 | 3 | 4 | 3 | 3 |
| Blast furnaces, petroleum refineries, chemical complexes, etc. | 56 084 | 47 968 | *1 765 | 6 351 | 4 | 4 | 49 | 7 |
| Oilfields | 20 195 | 13 360 | *1 862 | *4 972 | 27 | 23 | 49 | 48 |
| Other nonbuilding construction | 163 038 | 75 682 | 62 348 | 25 008 | 6 | 5 | 12 | 7 |
| Construction work, n.s.k. | 143 244 | (NA) | (NA) | (NA) | 7 | (NA) | (NA) | (NA) |
| 1987 | | | | | | | | |
| Value of construction work | 2 347 300 | 1 552 807 | 458 052 | 238 692 | 2 | 3 | 3 | 4 |
| Building construction | 1 589 549 | 1 161 613 | 305 861 | 120 217 | 3 | 4 | 4 | 4 |
| Single-family houses | 574 231 | 455 460 | 74 789 | 43 982 | 5 | 6 | 7 | 8 |
| Single-family houses, detached | 531 216 | 421 145 | 68 996 | 41 073 | 5 | 7 | 7 | 8 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 43 015 | 34 315 | 5 793 | 2 909 | 13 | 14 | 28 | 12 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 51 583 | 38 530 | 5 302 | 7 751 | 8 | 10 | 11 | 17 |
| Other residential buildings, including hotels, motels, and tourist cabins | 41 030 | 29 271 | 5 660 | 6 097 | 18 | 24 | 19 | 18 |
| Office buildings | 177 046 | 114 115 | 47 670 | 15 260 | 9 | 13 | 8 | 7 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 244 229 | 175 071 | 49 583 | 19 574 | 6 | 7 | 10 | 9 |
| Industrial buildings and warehouses | 203 527 | 147 001 | 42 154 | 14 371 | 5 | 7 | 7 | 5 |
| Industrial buildings | 175 069 | 124 092 | 38 374 | 12 602 | 6 | 8 | 8 | 6 |
| Warehouses | 28 458 | 22 909 | 3 780 | 1 769 | 7 | 9 | 8 | 13 |
| Religious buildings | 27 886 | 20 132 | 5 370 | 2 383 | 12 | 16 | 6 | 15 |
| Educational buildings | 179 853 | 123 236 | 50 663 | 5 952 | 5 | 5 | 9 | 6 |
| Hospitals and institutional buildings | 45 697 | 27 460 | 15 194 | 3 042 | 8 | 5 | 21 | 9 |
| Other nonresidential buildings | 44 462 | 32 690 | 9 482 | 2 286 | (NA) | (NA) | (NA) | (NA) |
| Nonbuilding construction | 660 000 | 389 835 | 152 179 | 117 985 | 2 | 2 | 3 | 8 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 313 765 | 183 093 | 99 089 | 31 582 | 2 | 2 | 3 | 11 |
| Fencing | 13 429 | 10 984 | 1 111 | 1 333 | 16 | 17 | 17 | 14 |
| Conservation and development construction | 8 420 | 6 418 | *313 | 1 689 | 11 | 8 | 41 | 16 |
| Power and communication transmission lines, towers, and related facilities | 25 286 | 14 920 | 2 415 | 7 950 | 8 | 6 | 9 | 18 |
| Sewers, water mains, and related facilities | 82 115 | 56 517 | 12 818 | 12 779 | 6 | 7 | 5 | 15 |
| Sewers, sewer lines, septic systems, and related facilities | 38 634 | 25 515 | 5 692 | 7 426 | 6 | 6 | 6 | 24 |
| Water mains and related facilities | 43 481 | 31 002 | 7 125 | 5 353 | 8 | 10 | 5 | 11 |
| Pipeline construction other than sewer or water lines | 43 063 | 26 618 | 2 104 | *14 340 | 17 | 2 | 18 | 52 |
| Oilfields | 7 333 | 3 733 | 526 | 3 074 | 6 | 7 | 18 | 4 |
| Other nonbuilding construction | 166 589 | 112 580 | 34 418 | 63 978 | (NA) | (NA) | (NA) | (NA) |
| Construction work, n.s.k. | 97 749 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F | |
| | | | | A | B | C | D | E | F | A | B | C | D | E |
| 15, 16, 17 | Construction industries ----- | 4 001 | 24 969 | 22 788 | 25 179 | 26 999 | 24 910 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 1 015 | 2 742 | 2 432 | 2 647 | 3 189 | 2 698 | 4 | 7 | 7 | 6 | 11 | 8 | |
| 1522 | Other residential buildings ----- | 28 | 93 | 78 | 103 | 89 | *103 | 39 | 39 | 39 | 33 | 34 | 60 | |
| 1531 | Operative builders ----- | 125 | 386 | 337 | 392 | 422 | 392 | 16 | 16 | 15 | 16 | 16 | 17 | |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 70 | 386 | 340 | 386 | 370 | 448 | 28 | 22 | 24 | 23 | 25 | 19 | |
| 1542 | Nonresidential buildings, n.e.c. --- | 233 | 2 819 | 2 526 | 2 770 | 3 154 | 2 826 | 12 | 5 | 4 | 6 | 5 | 5 | |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 51 | 1 885 | 1 697 | 2 010 | 2 012 | 1 820 | 21 | 3 | 3 | 3 | 3 | 3 | |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | (S) | 118 | 124 | 126 | 111 | 110 | (S) | 19 | 18 | 22 | 15 | 20 | |
| 1623 | Water, sewer, and utility lines ----- | 80 | 2 469 | 2 036 | 2 494 | 2 811 | 2 536 | 18 | 4 | 5 | 6 | 5 | 4 | |
| 1629 | Heavy construction, n.e.c. ----- | 112 | 1 001 | 1 057 | 1 077 | 839 | 1 031 | 18 | 14 | 13 | 13 | 24 | 12 | |
| 17 | Special trade contractors: | | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 498 | 2 538 | 2 330 | 2 567 | 2 704 | 2 550 | 5 | 5 | 5 | 6 | 6 | 6 | |
| 1721 | Painting and paper hanging ----- | 158 | 511 | 427 | 516 | 546 | 558 | 7 | 8 | 10 | 9 | 10 | 10 | |
| 1731 | Electrical work ----- | 518 | 3 128 | 3 028 | 3 101 | 3 182 | 3 200 | 4 | 3 | 3 | 3 | 3 | 4 | |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 108 | 692 | 633 | 712 | 762 | 660 | 15 | 14 | 10 | 12 | 17 | 18 | |
| 1742 | Plastering, drywall, and insulation work ----- | 169 | 1 347 | 1 272 | 1 408 | 1 481 | 1 229 | 11 | 15 | 17 | 17 | 18 | 12 | |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 33 | (S) | (S) | 75 | (S) | 54 | 23 | (S) | (S) | 20 | (S) | (Z) | |
| 175 | Carpentry and floor work: | | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 139 | 632 | 667 | 661 | 651 | 547 | 13 | 15 | 16 | 15 | 15 | 17 | |
| 1752 | Floor laying and other floor work -- | 56 | 125 | 117 | 114 | 134 | 134 | 9 | 16 | 17 | 17 | 14 | 15 | |
| 1761 | Roofing, siding, and sheet metal work ----- | 141 | 969 | 869 | 932 | 1 126 | 949 | 4 | 8 | 9 | 9 | 10 | 9 | |
| 1771 | Concrete work ----- | 139 | 835 | 756 | 855 | 860 | 869 | 12 | 11 | 12 | 10 | 12 | 12 | |
| 1781 | Water well drilling ----- | 55 | 138 | 121 | 132 | 161 | 139 | 21 | 12 | 11 | 10 | 10 | 11 | |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 23 | 347 | 359 | 358 | 339 | 334 | 25 | 24 | 21 | 24 | 26 | 27 | |
| 1793 | Glass and glazing work ----- | 31 | 79 | 75 | 80 | 82 | 80 | 27 | 18 | 19 | 18 | 17 | 18 | |
| 1794 | Excavation work ----- | 60 | 420 | 353 | 456 | 453 | 420 | 18 | 27 | 21 | 28 | 28 | 27 | |
| 1795 | Wrecking and demolition work ----- | 3 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | |
| 1796 | Installing building equipment, n.e.c. ----- | 16 | 263 | 219 | 239 | 277 | 315 | 22 | 12 | 14 | 13 | 11 | 10 | |
| 1799 | Special trade contractors, n.e.c. --- | 136 | (D) | (D) | (D) | (D) | (D) | 15 | (D) | (D) | (D) | (D) | (D) | |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees** per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|---|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 7.7 | 19.7 | 111.7 | .219 | .313 | .229 | .269 | .016 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 3.5 | 14.3 | 119.8 | .153 | .365 | .272 | .029 | .008 |
| 1522 | Other residential buildings ----- | 4.8 | 12.9 | 118.4 | .157 | .431 | .302 | (S) | *.010 |
| 1531 | Operative builders ----- | 5.3 | 24.9 | 597.7 | .072 | .205 | .391 | .001 | .003 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 7.0 | 19.5 | 84.0 | .297 | (D) | .353 | *.155 | (S) |
| 1542 | Nonresidential buildings, n.e.c. ----- | 16.0 | 26.8 | 224.7 | .158 | .220 | .466 | .031 | .009 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 42.5 | 22.5 | 114.0 | .226 | .366 | .169 | .091 | .025 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | * 18.1 | (D) | 157.2 | (D) | .394 | (D) | *.220 | — |
| 1623 | Water, sewer, and utility lines ----- | 35.3 | 22.9 | 80.3 | .325 | .250 | .116 | .143 | .058 |
| 1629 | Heavy construction, n.e.c. ----- | 10.7 | 19.4 | 84.3 | .274 | .266 | .117 | *.256 | .025 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 6.7 | 19.7 | 96.1 | .267 | .389 | .108 | .678 | .016 |
| 1721 | Painting and paper hanging ----- | 3.7 | 14.3 | 48.0 | .339 | .289 | .027 | .671 | .014 |
| 1731 | Electrical work ----- | 7.7 | 22.5 | 97.7 | .294 | .368 | .077 | .539 | .012 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 7.0 | 13.1 | (D) | (D) | (D) | (D) | (D) | (D) |
| 1742 | Plastering, drywall, and insulation work ----- | 9.2 | 15.8 | 50.9 | .361 | .352 | .048 | .885 | .012 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 3.0 | 14.6 | (S) | .235 | .453 | .022 | .964 | .008 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 5.4 | 15.0 | 74.2 | .240 | .353 | (S) | (S) | (S) |
| 1752 | Floor laying and other floor work ----- | 2.8 | 16.0 | 109.7 | .181 | .477 | .059 | .715 | .019 |
| 1761 | Roofing, siding, and sheet metal work ----- | 8.2 | 15.2 | 68.5 | .266 | .411 | .033 | .521 | .015 |
| 1771 | Concrete work ----- | 7.2 | 16.5 | 74.3 | .266 | .412 | .067 | .777 | .019 |
| 1781 | Water well drilling ----- | 3.0 | 19.6 | 97.2 | .241 | .462 | .010 | .404 | .009 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | 17.6 | 17.9 | 60.3 | .338 | .482 | .023 | .488 | .025 |
| 1793 | Glass and glazing work ----- | 3.3 | 21.3 | 113.1 | .241 | .499 | (D) | .707 | .024 |
| 1794 | Excavation work ----- | 8.2 | 15.8 | 71.3 | .260 | .325 | (S) | *.309 | *.030 |
| 1795 | Wrecking and demolition work ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 19.6 | 16.5 | 53.6 | .368 | .320 | (D) | .537 | .013 |
| 1799 | Special trade contractors, n.e.c. ----- | (D) | (D) | (D) | .251 | .375 | .044 | .507 | (D) |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

[Not applicable]

Contents

Utah

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

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Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Utah. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 13,811 establishments in this State operating in the construction industries. These establishments accounted for \$4.2 billion in total dollar value of business done.

Most of the 13,811 construction establishments were small. Of the total, 9,445 were nonemployers, and over half of the employer establishments had less than 5 employees. The 1,917 construction establishments with 5 employees or more, while representing only 14 percent of all establishments, accounted for more than 82 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$3.9 billion in total dollar value of business done. Of this amount, \$3.8 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$1.1 billion, leaving net value of construction work of \$2.7 billion. In addition, these establishments paid out \$1.3 billion for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$1.6 billion. (See Introduction and appendixes for explanation of terms.)

There were 4,366 establishments with total employment averaging 34,950 during the year. Total payroll for 1992 was \$775 million.

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

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



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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 9,445 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$349 million. Most of these establishments, about 82 percent, were special trade contractors.

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

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

1992 
1987 

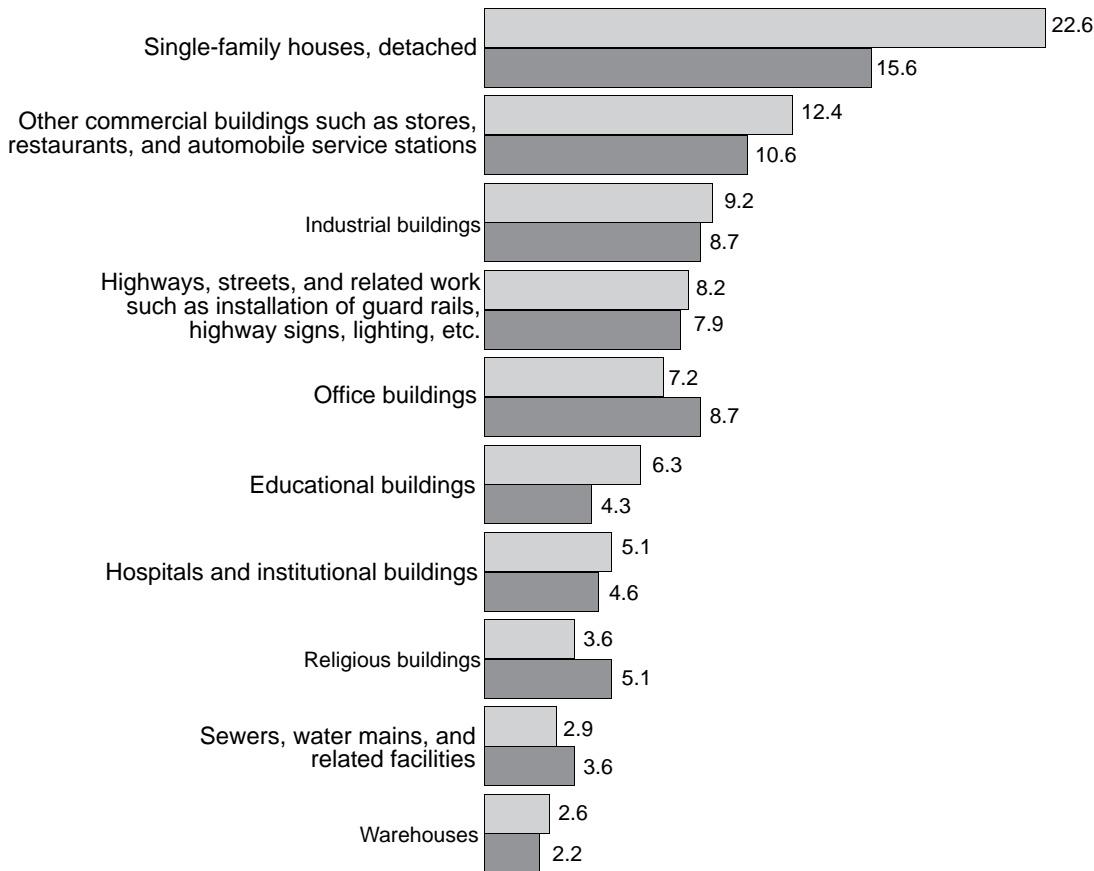




Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

1992 
1987 

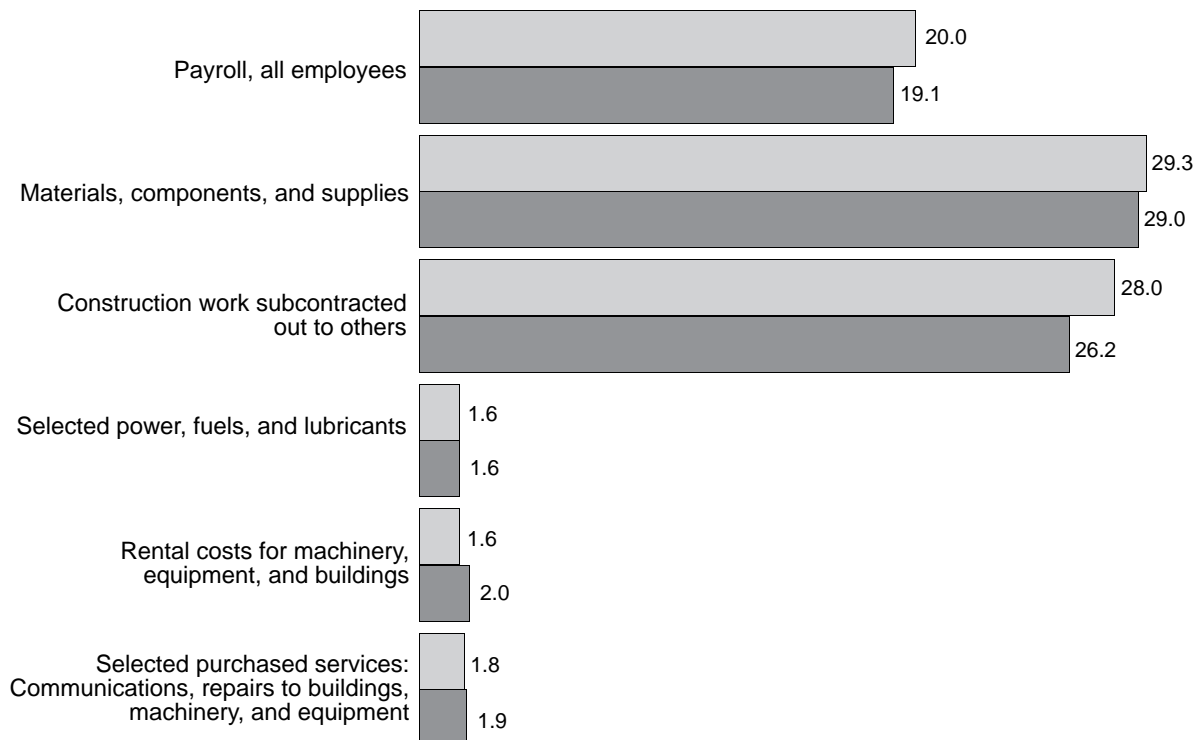


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|---|---|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | |
| | | A | B | C | D | E | F | G | H | I | J | K | | |
| 1992 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 13 811 | 11 590 | 34 950 | 4 222 479 | 9 445 | 9 295 | 349 029 | 4 366 | 2 295 | 34 950 | 3 873 450 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders ---- | 2 796 | 2 058 | 9 158 | 1 837 974 | 1 524 | 1 421 | 140 472 | 1 272 | 637 | 9 158 | 1 697 502 | 3 | 3 |
| 16 | Heavy construction other than building construction—contractors ----- | 473 | 270 | 5 945 | 695 173 | 168 | 158 | 7 822 | 305 | 112 | 5 945 | 687 351 | 3 | 2 |
| 17 | Special trade contractors ----- | 10 542 | 9 261 | 19 847 | 1 689 331 | 7 753 | 7 716 | 200 735 | 2 789 | 1 545 | 19 847 | 1 488 596 | 2 | 2 |
| 1711 | Plumbing, heating, and air-conditioning -- | 1 181 | 879 | 4 480 | 464 491 | 606 | 601 | 24 211 | 575 | 278 | 4 480 | 440 280 | 3 | 3 |
| 1731 | Electrical work ----- | 855 | 667 | 3 278 | 284 441 | 501 | 496 | 11 774 | 354 | (S) | 3 278 | 272 667 | 5 | 3 |
| 1987 | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 14 950 | 12 119 | 27 287 | 3 345 984 | 11 110 | 11 003 | 550 629 | 3 840 | 1 116 | 27 287 | 2 795 355 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders ---- | 3 639 | 2 651 | (D) | 1 350 265 | 2 528 | 2 390 | 210 038 | 1 111 | 261 | (D) | 1 140 227 | (D) | 4 |
| 16 | Heavy construction other than building construction—contractors ----- | 495 | 262 | (D) | 532 607 | 224 | 224 | 16 705 | 271 | 38 | (D) | 515 902 | (D) | 2 |
| 17 | Special trade contractors ----- | 10 459 | 8 902 | 16 212 | 1 386 371 | 8 063 | 8 102 | 262 847 | 2 396 | 800 | 16 212 | 1 123 524 | 3 | 2 |
| 1711 | Plumbing, heating, and air-conditioning -- | 1 182 | 820 | 3 774 | 342 937 | 720 | 726 | 35 127 | 462 | 94 | 3 774 | 307 810 | 7 | 3 |
| 1731 | Electrical work ----- | 831 | 655 | 2 612 | 211 512 | 508 | 504 | 16 057 | 323 | 151 | 2 612 | 195 455 | 4 | 5 |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|-------------------|--|--------------------------|---------------|----------------------|----------------|----------------------|----------------------------|---------------------------------|------------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added†† |
| | | | All | Construction workers | All employees | Construction workers | | | |
| | | | A | B | C | D | | | |
| 15, 16, 17 | Construction industries¹ | 4 366 | 34 950 | 27 708 | 775 340 | 581 218 | 3 774 719 | 2 691 420 | 1 592 868 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses | 850 | 3 683 | 2 869 | 59 887 | 44 630 | 415 066 | 286 142 | 156 335 |
| 1522 | Other residential buildings | 43 | 210 | 150 | 3 349 | 2 428 | 17 197 | 11 408 | *6 612 |
| 1531 | Operative builders | 104 | 616 | 393 | 13 613 | 6 793 | 185 144 | 106 147 | 56 120 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 57 | 759 | 606 | 20 442 | 15 047 | 113 257 | 60 796 | 28 984 |
| 1542 | Nonresidential buildings, n.e.c. | 218 | 3 891 | 2 830 | 99 344 | 64 474 | 934 192 | 361 116 | 216 246 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction | 75 | 2 514 | 2 058 | 67 241 | 50 953 | 299 262 | 224 831 | 141 384 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | *9 | 137 | 117 | 3 564 | 2 656 | 21 760 | 10 710 | 6 154 |
| 1623 | Water, sewer, and utility lines | 81 | 1 523 | 1 220 | 36 245 | 28 005 | 131 398 | 117 992 | 70 541 |
| 1629 | Heavy construction, n.e.c. | 140 | 1 771 | 1 469 | 47 341 | 37 698 | 192 050 | 159 246 | 104 349 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 575 | 4 480 | 3 485 | 112 188 | 85 044 | 428 277 | 369 042 | 203 812 |
| 1721 | Painting and paper hanging | 234 | 1 104 | 918 | 16 532 | 13 796 | 52 127 | 50 823 | 36 432 |
| 1731 | Electrical work | 354 | 3 278 | 2 601 | 85 349 | 66 740 | 270 236 | 260 857 | 158 854 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework | 210 | 1 134 | 1 013 | 20 491 | 18 081 | (D) | (D) | 40 054 |
| 1742 | Plastering, drywall, and insulation work | 216 | 2 244 | 1 952 | 41 311 | 33 317 | 128 771 | 120 730 | 65 368 |
| 1743 | Terrazzo, tile, marble, and mosaic work | 70 | 428 | 336 | 7 651 | 5 850 | 21 808 | 21 432 | 12 244 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry | 255 | 865 | 697 | 12 939 | 10 286 | 43 879 | 38 511 | 25 902 |
| 1752 | Floor laying and other floor work | 63 | 242 | 184 | 3 820 | 2 965 | 24 254 | 21 085 | 9 877 |
| 1761 | Roofing, siding, and sheet metal work | 191 | 1 786 | 1 421 | 30 857 | 22 244 | 117 990 | 113 487 | 64 996 |
| 1771 | Concrete work | 246 | 1 423 | 1 170 | 24 991 | 19 985 | 89 697 | 85 658 | 49 912 |
| 1781 | Water well drilling | 17 | *75 | *66 | *1 219 | *1 063 | *5 813 | *5 699 | *3 540 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection | 51 | 565 | 460 | 19 108 | 14 933 | 57 168 | 49 285 | 28 750 |
| 1793 | Glass and glazing work | 18 | 99 | 66 | 2 155 | 1 506 | 10 059 | (D) | (D) |
| 1794 | Excavation work | 86 | 530 | 447 | 10 716 | 8 743 | 41 409 | 38 950 | 31 446 |
| 1795 | Wrecking and demolition work | 2 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. | 37 | 288 | 222 | 6 476 | 5 350 | 26 229 | 26 000 | 15 340 |
| 1799 | Special trade contractors, n.e.c. | 166 | (D) | (D) | (D) | (D) | (D) | 80 413 | 54 499 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|--|--|--|--|--|--|---|--|---|---|-----------------------------------|-----------------------------------|---|
| 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 of 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†† | | | | |
| I | J | K | L | M | N | O | P | Q | B | G | M | |
| 1 197 283 | 1 083 299 | 1 157 015 | 63 675 | 87 670 | 610 777 | 27 287 | 2 698 609 | 1 181 307 | 1 | 1 | 5 | 15, 16, 17 15 |
| 138 183 6 209 | 128 923 5 789 | 14 394 *798 | 1 936 127 | 5 005 483 | 29 896 1 285 | 1 495 283 | 166 365 32 014 | 57 224 15 853 | 7 29 | 7 19 | 17 22 | 152 1521 1522 |
| 58 378 | 78 997 | *2 220 | 1 097 | (S) | 8 017 | (D) | (D) | 23 197 | 14 | 13 | (S) | 1531 |
| 31 924 159 264 | 52 461 573 076 | 6 125 9 945 | 5 699 6 775 | 3 759 7 335 | 20 299 51 195 | 726 3 152 | 109 874 636 672 | 32 195 175 794 | 12 4 | 10 4 | 17 15 | 154 1541 1542 16 |
| 118 421 | 74 431 | 61 151 | 10 802 | 17 357 | 175 181 | 2 076 | 245 015 | 140 650 | 4 | 2 | 11 | 1611 |
| 4 556 51 252 (D) | 11 050 13 407 32 804 | 6 127 18 453 (D) | 517 8 458 5 010 | 660 9 549 8 086 | 5 974 49 795 56 252 | (D) 1 321 1 227 | (D) 108 597 124 332 | 5 057 62 338 79 102 | 19 8 8 | 20 7 5 | 16 36 12 | 162 1622 1623 1629 17 |
| 177 233 | 59 235 | 282 731 | 6 207 | 6 010 | 46 186 | 3 774 | 301 199 | 140 228 | 3 | 3 | 18 | 1711 |
| 16 037 | 1 305 | 33 950 | 462 | 1 369 | 6 044 | 750 | 31 233 | 21 617 | 13 | 12 | 38 | 1721 |
| 104 434 | 9 379 | 183 166 | 3 880 | 6 650 | 39 100 | 2 612 | 192 262 | 100 874 | 5 | 3 | 12 | 1731 |
| (D) 55 751 9 195 | (D) (S) 377 | 51 248 119 126 17 054 | 888 1 643 254 | (D) 1 899 201 | 6 770 10 258 (S) | 955 1 663 258 | 45 818 93 514 15 734 | 28 688 52 744 7 829 | 8 7 7 | (D) 6 7 | (D) 18 24 | 174 1741 1742 1743 |
| (S) 11 290 | 5 368 *3 169 | 25 717 16 201 | 353 432 | 556 381 | 3 949 1 605 | 600 161 | 36 597 11 672 | 18 700 5 136 | 8 11 | 8 22 | 20 39 | 175 1751 1752 |
| 50 798 | 4 502 | 67 575 | 1 092 | 1 238 | 12 393 | 1 501 | 100 378 | 49 933 | 8 | 6 | 25 | 1761 |
| 36 891 | 4 039 | 39 465 | *2 833 | 2 381 | 15 026 | 1 479 | 78 415 | 48 728 | 11 | 11 | 18 | 1771 |
| *2 159 | (S) | (S) | 80 | (S) | *4 329 | 20 | 930 | 601 | 50 | 49 | (S) | 1781 |
| 20 674 6 787 7 574 (D) 10 985 (D) | 7 883 (D) 2 460 (D) 229 (D) | 52 129 8 051 36 542 (D) *15 490 58 230 | *848 95 1 351 (D) *748 (D) | *1 870 178 3 145 (D) *1 206 2 939 | *9 297 1 450 30 998 (D) *5 512 (D) | 483 91 545 162 152 1 006 | 58 887 5 540 55 406 5 491 11 704 53 546 | 26 323 3 288 33 884 3 611 7 817 35 389 | 12 10 15 (D) 30 (D) | 8 (D) 15 (D) 24 11 | 65 15 23 (D) 48 32 | 1791 1793 1794 (D) 1795 1796 1799 |

CONSTRUCTION—GEOGRAPHIC AREA SERIES

UTAH UT-7

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|-----------|-----------|-----------|-----------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 4 366 | 3 840 | 3 715 | 4 389 | 1 | 2 | 3 | 4 |
| Proprietors and working partners..... | 2 295 | 1 116 | 1 409 | 2 773 | 3 | 7 | 5 | 6 |
| All employees** | 34 950 | 27 287 | 29 501 | 34 603 | 1 | 2 | 2 | 2 |
| Construction workers: | | | | | | | | |
| March..... | 24 305 | 19 414 | 21 167 | 25 508 | 1 | 2 | 2 | 2 |
| May..... | 28 258 | 21 516 | 24 699 | 30 258 | 2 | 2 | 2 | 2 |
| August..... | 30 324 | 23 387 | 27 481 | 33 246 | 1 | 2 | 2 | 2 |
| November..... | 27 945 | 21 874 | 24 111 | 30 974 | 1 | 2 | 2 | 2 |
| Average..... | 27 708 | 21 548 | 24 680 | 30 018 | 1 | 2 | 2 | 2 |
| Other employees: | | | | | | | | |
| March..... | 7 084 | 5 631 | 4 628 | 4 365 | 2 | 2 | 2 | 3 |
| May..... | 7 196 | 5 624 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| August..... | 7 428 | 6 086 | (NA) | (NA) | 2 | 4 | (NA) | (NA) |
| November..... | 7 258 | 5 624 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| Average..... | 7 242 | 5 741 | (NA) | (NA) | 2 | 2 | (NA) | (NA) |
| Payroll, all employees | 775 340 | 535 088 | 512 402 | 425 914 | 1 | 1 | 1 | 1 |
| Payroll, construction workers | 581 218 | 402 087 | 410 477 | 349 978 | 1 | 1 | 1 | 1 |
| Payroll, other employees | 194 121 | 133 001 | 101 925 | 75 936 | 2 | 2 | 2 | 2 |
| First-quarter payroll, all employees | 162 953 | 115 557 | 109 025 | 85 817 | 2 | 2 | 2 | 1 |
| Fringe benefits, all employees | 173 875 | 115 764 | 96 406 | 75 658 | 2 | 2 | 1 | 1 |
| Legally required expenditures..... | 124 370 | 79 867 | 68 336 | 42 884 | 2 | 2 | 1 | 2 |
| Voluntary expenditures..... | 49 505 | 35 896 | 28 070 | 32 774 | 2 | 3 | 2 | 1 |
| Dollar value of business done | 3 873 450 | 2 795 355 | 2 281 233 | 1 828 645 | 1 | 2 | 1 | 2 |
| Value of construction work | 3 774 719 | 2 698 609 | 2 206 144 | 1 742 122 | 1 | 2 | 1 | 2 |
| Value of construction work subcontracted in from others | 1 157 015 | 639 002 | 530 050 | 443 115 | 3 | 5 | 3 | 2 |
| Other business receipts..... | 98 730 | 70 650 | 55 125 | 86 523 | 4 | 4 | 4 | 5 |
| Net value of construction† | 2 691 420 | 1 966 934 | 1 621 730 | 1 299 582 | 1 | 2 | 2 | 2 |
| Value added†† | 1 592 868 | 1 181 307 | 979 248 | 753 766 | 1 | 2 | 1 | 1 |
| Selected costs | 2 280 582 | 1 587 952 | 1 282 021 | 1 037 685 | 2 | 2 | 2 | 2 |
| Materials, components, and supplies | 1 134 295 | 810 498 | 644 852 | 563 169 | 2 | 2 | 2 | 2 |
| Construction work subcontracted out to others | 1 083 299 | 731 675 | 584 414 | 442 540 | 2 | 3 | 2 | 3 |
| Selected power, fuels, and lubricants..... | 62 988 | 45 778 | 52 755 | 31 977 | 2 | 2 | 3 | 2 |
| Electricity..... | 7 061 | 5 518 | 5 634 | 3 386 | 4 | 4 | 6 | 4 |
| Natural gas..... | 3 577 | 2 145 | 2 816 | 2 255 | 7 | 4 | 5 | 5 |
| Gasoline and diesel fuel | 48 077 | 34 785 | 41 101 | 22 488 | 2 | 2 | 2 | 2 |
| On highway use..... | 33 292 | 21 966 | (NA) | (NA) | 3 | 2 | (NA) | (NA) |
| Off highway use..... | 14 786 | 12 818 | (NA) | (NA) | 3 | 3 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 4 272 | 3 329 | 3 204 | 3 848 | 3 | 4 | 4 | 5 |
| Rental cost for machinery, equipment, and buildings | 63 675 | 54 986 | 33 535 | 24 966 | 5 | 4 | 4 | 2 |
| For machinery and equipment | 47 540 | 40 279 | 25 734 | 21 447 | 6 | 4 | 5 | 2 |
| For buildings..... | 16 135 | 14 706 | 7 801 | 3 520 | 6 | 4 | 4 | 5 |
| Selected purchased services | 71 348 | 52 778 | 47 692 | 31 864 | 4 | 3 | 2 | 2 |
| Communication services | 17 565 | 10 852 | 8 801 | 6 188 | 5 | 4 | 3 | 3 |
| Repairs to buildings and other structures | 4 472 | 2 198 | 1 506 | 1 629 | 12 | 11 | 5 | 8 |
| Repairs to machinery and equipment | 49 312 | 39 727 | 37 385 | 24 047 | 4 | 4 | 3 | 2 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 3 774 719 | 2 698 609 | 2 206 144 | 1 742 122 | 1 | 2 | 1 | 2 |
| Government owned | 1 160 001 | 907 520 | 415 649 | 305 463 | 4 | 4 | 5 | 1 |
| Federal | 362 077 | 373 219 | (NA) | (NA) | 4 | 8 | (NA) | (NA) |
| State and local | 797 924 | 534 301 | (NA) | (NA) | 6 | 4 | (NA) | (NA) |
| Privately owned | 2 614 718 | 1 791 089 | 1 790 495 | 1 436 659 | 3 | 3 | 2 | 2 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|---------|---------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 548 972 | 507 266 | 3 | 3 |
| Capital expenditures, other than land | 87 670 | 50 893 | 5 | 5 |
| New | 60 329 | 35 850 | 5 | 4 |
| Used | 27 341 | 15 043 | 15 | 11 |
| Retirements and disposition of depreciable assets | 25 866 | 36 945 | 3 | 8 |
| End-of-year gross book value of depreciable assets | 610 777 | 521 214 | 3 | 3 |
| Depreciation charges during year | 62 075 | 57 333 | 3 | 4 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | 64 347 | 79 207 | 12 | 9 |
| Capital expenditures, other than land | 8 455 | 9 913 | 14 | 12 |
| New buildings and other structures | 6 848 | 7 045 | 17 | 7 |
| Used buildings and other structures | (S) | 2 867 | (S) | 35 |
| Retirements and disposition of depreciable assets | 2 173 | 7 768 | 9 | 29 |
| End-of-year gross book value of depreciable assets | 70 630 | 81 351 | 11 | 9 |
| Depreciation charges during year | 4 768 | 5 118 | 11 | 9 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 484 625 | 428 059 | 3 | 3 |
| Capital expenditures, other than land | 79 215 | 40 980 | 6 | 5 |
| New machinery and equipment, including automobiles and trucks | 53 481 | 28 804 | 5 | 5 |
| New automobiles and trucks, intended primarily for highway use | 19 694 | 11 030 | 7 | 8 |
| Used machinery and equipment, including automobiles and trucks | 25 734 | 12 175 | 16 | 10 |
| Retirements and disposition of depreciable assets | 23 693 | 29 176 | 3 | 8 |
| End-of-year gross book value of depreciable assets | 540 147 | 439 863 | 3 | 3 |
| Depreciation charges during year | 57 307 | 52 215 | 4 | 4 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|--|-----------------------------|---|
| All establishments: | | |
| Number | 4 366 | 1 |
| Value of construction work | 3 774 719 | 1 |
| Establishments with inventories: | | |
| Number | 1 490 | 3 |
| Value of construction work | 1 734 283 | 2 |
| Inventories¹: | | |
| End of 1992, materials and supplies | 32 492 | 7 |
| End of 1991, materials and supplies | 31 008 | 6 |
| Establishments with no inventories: | | |
| Number | 1 537 | 4 |
| Value of construction work | 1 526 135 | 2 |
| Establishments not reporting: | | |
| Number | 1 340 | 3 |
| Value of construction work | 514 301 | 5 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|-----------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 4 366 | (S) | 1 064 | 505 | 254 | 67 | 24 | 3 | — | — |
| All employees** | 34 950 | 4 932 | 6 836 | 6 758 | 7 520 | 4 485 | 3 412 | 1 005 | — | — |
| Payroll, all employees | 775 340 | 70 979 | 120 217 | 136 673 | 183 963 | 120 412 | 110 743 | 32 353 | — | — |
| Dollar value of business done | 3 873 450 | 429 474 | 589 722 | 645 861 | 869 991 | 559 959 | 578 089 | 200 353 | — | — |
| Value of construction work | 3 774 719 | 424 347 | 576 244 | 638 429 | 859 495 | 550 932 | 525 367 | 199 905 | — | — |
| Net value of construction work† | 2 691 420 | 347 405 | 456 296 | 468 775 | 615 893 | 369 887 | 433 164 | (D) | — | — |
| Value added†† | 1 592 868 | 195 369 | 247 753 | 255 129 | 377 164 | 223 126 | 249 928 | 44 399 | — | — |
| Cost of materials, components, supplies, and fuels | 1 197 283 | 157 163 | 222 021 | 221 079 | 249 225 | 155 788 | 192 007 | (D) | — | — |
| Cost of construction work subcontracted out to others | 1 083 299 | 76 942 | 119 948 | 169 654 | 243 603 | 181 045 | 292 108 | (D) | — | — |
| Rental cost for machinery, equipment, and buildings | 63 675 | 6 160 | 9 550 | 12 745 | 13 854 | 9 310 | 10 498 | 1 558 | — | — |
| Capital expenditures, other than land | 87 670 | 12 292 | 9 846 | 15 588 | 22 284 | 13 765 | 13 896 | (D) | — | — |
| End-of-year gross book value of depreciable assets | 610 777 | 59 683 | 82 049 | 100 426 | 122 886 | 83 083 | 162 650 | (D) | — | — |
| 1987 | | | | | | | | | | |
| All employees** | 27 287 | 4 786 | 5 242 | 5 547 | 5 817 | 3 682 | 2 212 | (D) | — | — |
| Value of construction work | 2 698 609 | 445 036 | 371 985 | 531 203 | 621 621 | 429 527 | 299 235 | (D) | — | — |
| Value added†† | 1 181 307 | 170 568 | 179 666 | 220 486 | 280 453 | 178 247 | 151 886 | (D) | — | — |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 1 | 5 | 7 | 7 | 4 | (Z) | (Z) | (Z) | — | — |
| Net value of construction work† | 1 | 6 | 7 | 6 | 3 | (Z) | (Z) | (D) | — | — |
| Capital expenditures, other than land | 5 | 14 | 15 | 16 | 14 | (Z) | (Z) | (D) | — | — |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|-----------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 4 366 | (S) | (S) | (S) | 1 166 | 820 | 647 | 358 | 168 | 78 | 53 |
| All employees** | 34 950 | (S) | (S) | (S) | 3 699 | 4 464 | 5 725 | 5 831 | 4 742 | 3 423 | 5 597 |
| Payroll, all employees | 775 340 | (S) | (S) | (S) | 50 012 | 71 807 | 104 663 | 123 963 | 129 692 | 98 830 | 182 552 |
| Dollar value of business done | 3 873 450 | (S) | (S) | (S) | 190 864 | 288 016 | 431 663 | 543 063 | 587 563 | 546 389 | 1 231 080 |
| Value of construction work | 3 774 719 | (S) | (S) | (S) | 187 737 | 282 282 | 427 553 | 530 556 | 580 032 | 537 123 | 1 175 563 |
| Net value of construction work† | 2 691 420 | (S) | (S) | (S) | 169 133 | 257 204 | 366 140 | 425 895 | 452 775 | 370 193 | 600 448 |
| Value added†† | 1 592 868 | (S) | (S) | (S) | 105 582 | 149 732 | 210 616 | 254 933 | 256 186 | 202 559 | 383 135 |
| Cost of materials, components, supplies, and fuels | 1 197 283 | (S) | (S) | (S) | 66 678 | 113 206 | 159 634 | 183 469 | 204 120 | 176 901 | 272 830 |
| Cost of construction work subcontracted out to others | 1 083 299 | (S) | (S) | (S) | 18 604 | 25 078 | 61 413 | 104 661 | 127 257 | 166 930 | 575 115 |
| Rental cost for machinery, equipment, and buildings | 63 675 | (S) | (S) | (S) | 3 088 | 5 426 | 10 475 | 8 556 | 11 330 | 9 705 | 14 461 |
| Capital expenditures, other than land | 87 670 | (S) | (S) | (S) | 6 618 | 7 737 | 12 787 | 14 662 | 13 439 | 12 351 | 18 893 |
| End-of-year gross book value of depreciable assets | 610 777 | (S) | (S) | (S) | 34 353 | 57 198 | 80 810 | 77 708 | 81 847 | 78 318 | 192 831 |
| 1987 | | | | | | | | | | | |
| All employees** | 27 287 | (S) | (S) | (S) | (S) | 4 033 | 4 173 | 4 903 | 3 341 | 2 295 | 3 570 |
| Value of construction work | 2 698 609 | (S) | (S) | (S) | (S) | 236 747 | 298 613 | 463 257 | 401 885 | 388 857 | 683 743 |
| Value added†† | 1 181 307 | (S) | (S) | (S) | (S) | 118 951 | 145 742 | 195 693 | 194 630 | 144 943 | 261 921 |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 1 | (S) | (S) | (S) | 7 | 8 | 7 | 6 | 2 | 2 | (Z) |
| Net value of construction work† | 1 | (S) | (S) | (S) | 7 | 8 | 7 | 7 | 4 | 4 | 1 |
| Capital expenditures, other than land | 5 | (S) | (S) | (S) | 17 | 19 | 17 | 23 | 7 | 2 | (Z) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

Table 8. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

| Type of construction | Value of construction work | | | | Relative standard error of estimate (percent) for column— | | | |
|--|----------------------------|------------------|---|------------------------|---|----------|----------|----------|
| | Total | New construction | Additions, alterations, or reconstruction | Maintenance and repair | A | B | C | D |
| | A | B | C | D | A | B | C | D |
| 1992 | | | | | | | | |
| Value of construction work | 3 774 719 | 2 655 308 | 725 026 | 301 478 | 1 | 2 | 3 | 3 |
| Building construction | 2 879 733 | 2 112 098 | 585 309 | 182 326 | 2 | 2 | 3 | 4 |
| Single-family houses | 924 501 | 715 308 | 154 014 | 55 180 | 4 | 5 | 8 | 8 |
| Single-family houses, detached | 853 306 | 665 205 | 140 793 | 47 308 | 5 | 6 | 8 | 8 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 71 195 | 50 102 | 13 221 | (S) | 11 | 16 | 12 | (S) |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 55 201 | 28 944 | 15 993 | 10 264 | 7 | 8 | 17 | 13 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 43 124 | 22 870 | 12 860 | (S) | 7 | 8 | 17 | (S) |
| Office buildings | 272 944 | 160 263 | 89 913 | 22 768 | 4 | 4 | 8 | 8 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 466 819 | 327 136 | 107 857 | 31 827 | 4 | 4 | 5 | 9 |
| Industrial buildings and warehouses | 443 954 | 332 990 | 79 404 | 31 560 | 3 | 3 | 4 | 8 |
| Industrial buildings | 346 700 | 253 266 | 65 511 | 27 923 | 4 | 4 | 4 | 8 |
| Warehouses | 97 254 | 79 724 | 13 893 | 3 637 | 5 | 5 | 9 | 12 |
| Religious buildings | 137 608 | 102 247 | 29 360 | 6 001 | 11 | 14 | 10 | 8 |
| Educational buildings | 239 003 | 178 944 | 52 350 | 7 708 | 5 | 5 | 7 | 16 |
| Hospitals and institutional buildings | 193 203 | 157 265 | 28 704 | 7 234 | 4 | 4 | 10 | 20 |
| Amusement, social, and recreational buildings, indoors | 31 146 | 26 271 | * 4 016 | 859 | 7 | 5 | 44 | 17 |
| Other nonresidential buildings | (S) | (S) | 10 839 | 1 530 | (S) | (S) | 2 | 16 |
| Nonbuilding construction..... | 802 080 | 543 210 | 139 717 | 119 152 | 2 | 3 | 4 | 6 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 308 041 | 191 586 | 66 919 | 49 535 | 3 | 3 | 5 | 7 |
| Private driveways and parking areas | 32 020 | 15 186 | * 4 860 | * 11 974 | 25 | 31 | 40 | 41 |
| Bridges, tunnels, and elevated highways | 23 355 | 16 098 | 3 472 | 3 785 | 14 | 6 | 30 | 32 |
| Conservation and development construction | 38 514 | 30 580 | 3 299 | 4 635 | 14 | 18 | 30 | 21 |
| Power and communication transmission lines, towers, and related facilities..... | 42 356 | 28 639 | 11 892 | * 1 825 | 7 | 6 | 20 | 55 |
| Sewers, water mains, and related facilities..... | 108 509 | 88 277 | 8 454 | 11 778 | 9 | 10 | 10 | 20 |
| Sewers, sewer lines, septic systems, and related facilities | 55 772 | 45 550 | 3 674 | 6 547 | 12 | 13 | 14 | 29 |
| Water mains and related facilities..... | 52 737 | 42 727 | 4 780 | 5 231 | 9 | 9 | 11 | 23 |
| Pipeline construction other than sewer or water lines | 38 523 | 28 442 | 4 973 | 5 108 | 5 | 6 | 13 | 10 |
| Blast furnaces, petroleum refineries, chemical complexes, etc. | 46 024 | 18 036 | 14 853 | 13 134 | 6 | 7 | 7 | 12 |
| Sewage treatment and water treatment plants | 63 027 | 51 759 | 10 354 | 913 | 1 | 1 | (Z) | 7 |
| Sewage treatment plants | 43 435 | (D) | (D) | (D) | 1 | (D) | (D) | (D) |
| Water treatment plants | 19 591 | (D) | (D) | (D) | 2 | (D) | (D) | (D) |
| Other nonbuilding construction | 101 712 | 74 605 | 10 641 | 16 465 | 7 | 8 | 14 | 14 |
| Construction work, n.s.k. | 92 907 | (NA) | (NA) | (NA) | 8 | (NA) | (NA) | (NA) |
| 1987 | | | | | | | | |
| Value of construction work | 2 698 609 | 1 806 139 | 526 667 | 231 373 | 2 | 2 | 4 | 3 |
| Building construction | 1 894 356 | 1 330 611 | 413 049 | 137 175 | 2 | 3 | 4 | 4 |
| Single-family houses | 476 016 | 360 174 | 72 502 | 43 338 | 7 | 8 | 8 | 9 |
| Single-family houses, detached | 421 652 | 325 235 | 61 871 | 34 545 | 7 | 9 | 8 | 9 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 54 364 | 34 939 | 10 631 | 8 793 | 11 | 15 | 22 | 25 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 84 080 | 61 249 | 15 677 | 7 153 | 10 | 12 | 17 | 13 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 60 373 | 40 684 | 12 451 | 7 237 | 11 | 15 | 9 | 18 |
| Office buildings | 236 042 | 168 074 | 51 349 | 16 617 | 6 | 8 | 11 | 7 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 285 152 | 208 119 | 56 810 | 20 222 | 5 | 7 | 4 | 11 |
| Industrial buildings and warehouses | 293 832 | 200 262 | 68 664 | 24 905 | 4 | 5 | 8 | 7 |
| Industrial buildings | 235 574 | 163 347 | 54 410 | 17 816 | 4 | 5 | 8 | 9 |
| Warehouses | 58 258 | 36 915 | 14 254 | 7 089 | 11 | 16 | 18 | 8 |
| Religious buildings | 137 896 | 94 118 | 38 748 | 5 030 | 7 | 7 | 16 | 12 |
| Educational buildings | 115 495 | 69 074 | 41 678 | 4 743 | 9 | 9 | 15 | 4 |
| Hospitals and institutional buildings | 124 899 | 90 002 | 29 990 | 4 906 | 3 | 1 | 13 | 6 |
| Amusement, social, and recreational buildings, indoors | 8 295 | 4 892 | 2 501 | 901 | 12 | 14 | 22 | 19 |
| Other nonresidential buildings | 72 271 | 47 090 | 22 686 | 2 493 | (NA) | (NA) | (NA) | (NA) |
| Nonbuilding construction..... | 668 176 | 462 394 | 113 605 | 92 176 | 2 | 2 | 6 | 4 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 213 834 | 127 249 | 52 796 | 33 788 | 3 | 4 | 3 | 4 |
| Private driveways and parking areas | 25 645 | 16 896 | 5 691 | 3 058 | 15 | 15 | 29 | 24 |
| Bridges, tunnels, and elevated highways | 18 066 | 13 957 | * 2 115 | 1 993 | 6 | 2 | 46 | 9 |
| Conservation and development construction | 51 989 | 43 139 | * 3 959 | 4 890 | 6 | 3 | 61 | 7 |
| Power and communication transmission lines, towers, and related facilities..... | 42 625 | 35 833 | 2 577 | 4 214 | 10 | 12 | 8 | 30 |
| Sewers, water mains, and related facilities..... | 97 785 | 77 726 | 14 467 | 5 591 | 8 | 8 | 33 | 25 |
| Sewers, sewer lines, septic systems, and related facilities | 49 347 | 41 206 | 6 480 | 1 659 | 10 | 11 | 38 | 18 |
| Water mains and related facilities..... | 48 438 | 36 520 | 7 987 | 3 931 | 8 | 7 | 28 | 34 |
| Pipeline construction other than sewer or water lines | 24 559 | 17 439 | 1 688 | 5 431 | 2 | 2 | 15 | 1 |
| Blast furnaces, petroleum refineries, chemical complexes, etc. | 43 780 | 28 212 | 3 200 | 12 368 | 2 | 1 | 1 | 7 |
| Sewage treatment and water treatment plants | 45 666 | 38 895 | 5 212 | 1 558 | 4 | 4 | 21 | 26 |
| Sewage treatment plants | 42 606 | 36 291 | 5 189 | 1 124 | 4 | 3 | 21 | 32 |
| Water treatment plants | 3 060 | 2 604 | (S) | * 433 | 22 | 19 | (S) | 41 |
| Other nonbuilding construction | 104 227 | 63 047 | 21 922 | 19 391 | (NA) | (NA) | (NA) | (NA) |
| Construction work, n.s.k. | 136 076 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Financial, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F |
| | | | | A | B | C | D | E | F | A | B | C | D |
| 15, 16, 17 | Construction industries ----- | 4 366 | 27 708 | 24 305 | 28 258 | 30 324 | 27 945 | 1 | 1 | 1 | 2 | 1 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 850 | 2 869 | 2 512 | 2 884 | 3 176 | 2 906 | 4 | 7 | 8 | 7 | 7 | 7 |
| 1522 | Other residential buildings ----- | 43 | 150 | 154 | 133 | 177 | 135 | 31 | 29 | 32 | 26 | 32 | 25 |
| 1531 | Operative builders ----- | 104 | 393 | 333 | 377 | 446 | 417 | 16 | 15 | 16 | 15 | 16 | 14 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 57 | 606 | 556 | 591 | 675 | 603 | 24 | 13 | 11 | 9 | 15 | 14 |
| 1542 | Nonresidential buildings, n.e.c. --- | 218 | 2 830 | 2 556 | 2 779 | 3 027 | 2 956 | 10 | 4 | 4 | 4 | 4 | 4 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 75 | 2 058 | 1 464 | 2 299 | 2 581 | 1 888 | 9 | 4 | 5 | 5 | 5 | 3 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | *9 | 117 | 103 | 108 | 120 | 138 | 51 | 19 | 17 | 16 | 15 | 19 |
| 1623 | Water, sewer, and utility lines ---- | 81 | 1 220 | 920 | 1 206 | 1 413 | 1 343 | 14 | 7 | 7 | 6 | 7 | 8 |
| 1629 | Heavy construction, n.e.c. ----- | 140 | 1 469 | 1 216 | 1 705 | 1 523 | 1 430 | 13 | 8 | 6 | 13 | 8 | 8 |
| 17 | Special trade contractors: | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 575 | 3 485 | 3 242 | 3 478 | 3 764 | 3 458 | 3 | 3 | 3 | 3 | 4 | 3 |
| 1721 | Painting and paper hanging ----- | 234 | 918 | 791 | 989 | 1 002 | 889 | 7 | 11 | 13 | 14 | 12 | 11 |
| 1731 | Electrical work ----- | 354 | 2 601 | 2 458 | 2 592 | 2 667 | 2 688 | 4 | 4 | 4 | 4 | 5 | 5 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 210 | 1 013 | 880 | 1 028 | 1 093 | 1 052 | 7 | 8 | 9 | 10 | 9 | 11 |
| 1742 | Plastering, drywall, and insulation work ----- | 216 | 1 952 | 1 846 | 1 925 | 1 994 | 2 044 | 8 | 7 | 7 | 7 | 7 | 7 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 70 | 336 | 328 | 328 | 349 | 340 | 12 | 9 | 8 | 8 | 10 | 11 |
| 175 | Carpentry and floor work: | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 255 | 697 | 626 | 735 | 758 | 671 | 7 | 8 | 9 | 9 | 8 | 9 |
| 1752 | Floor laying and other floor work -- | 63 | 184 | 179 | 170 | 195 | 193 | 5 | 11 | 14 | 12 | 12 | 11 |
| 1761 | Roofing, siding, and sheet metal work ----- | 191 | 1 421 | 1 212 | 1 401 | 1 574 | 1 497 | 8 | 9 | 9 | 9 | 9 | 11 |
| 1771 | Concrete work ----- | 246 | 1 170 | 900 | 1 264 | 1 386 | 1 129 | 6 | 10 | 11 | 10 | 9 | 10 |
| 1781 | Water well drilling ----- | 17 | *66 | *57 | *63 | *74 | *70 | 19 | 52 | 49 | 44 | 55 | 58 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 51 | 460 | 448 | 458 | 526 | 406 | 18 | 12 | 11 | 11 | 16 | 11 |
| 1793 | Glass and glazing work ----- | 18 | 66 | 64 | 69 | 68 | 61 | 8 | 10 | 12 | 12 | 10 | 9 |
| 1794 | Excavation work ----- | 86 | 447 | 406 | 470 | 490 | 422 | 19 | 16 | 19 | 16 | 15 | 15 |
| 1795 | Wrecking and demolition work ---- | 2 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 37 | 222 | 223 | 223 | 221 | 222 | 25 | 28 | 28 | 28 | 29 | 29 |
| 1799 | Special trade contractors, n.e.c. --- | 166 | (D) | (D) | (D) | (D) | (D) | 13 | (D) | (D) | (D) | (D) | (D) |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees** per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|---|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 8.0 | 22.2 | 136.2 | .205 | .317 | .287 | .307 | .017 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 4.3 | 16.3 | 144.7 | .144 | .333 | .311 | .035 | .005 |
| 1522 | Other residential buildings ----- | 4.9 | 15.9 | 114.7 | .195 | .361 | .337 | .046 | .007 |
| 1531 | Operative builders ----- | 5.9 | 22.1 | 471.1 | .074 | .315 | .427 | *.012 | .006 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 13.3 | 26.9 | 186.9 | .180 | .282 | .463 | .054 | .050 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 17.8 | 25.5 | 330.1 | .106 | .170 | .613 | .011 | .007 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 33.4 | 26.7 | 145.4 | .225 | .396 | .249 | .204 | .036 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 15.8 | 26.0 | 186.0 | .164 | .209 | .508 | .282 | .024 |
| 1623 | Water, sewer, and utility lines ----- | 18.9 | 23.8 | 107.7 | .276 | .390 | .102 | .140 | .064 |
| 1629 | Heavy construction, n.e.c. ----- | 12.6 | 26.7 | 130.7 | .247 | (D) | .171 | (D) | .026 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 7.8 | 25.0 | 122.9 | .262 | .414 | .138 | .660 | .014 |
| 1721 | Painting and paper hanging ----- | 4.7 | 15.0 | 56.8 | .317 | .308 | .025 | .651 | .009 |
| 1731 | Electrical work ----- | 9.3 | 26.0 | 103.9 | .316 | .386 | .035 | .678 | .014 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 5.4 | 18.1 | (D) | (D) | (D) | (D) | (D) | (D) |
| 1742 | Plastering, drywall, and insulation work ----- | 10.4 | 18.4 | 66.0 | .321 | .433 | (S) | .925 | .013 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 6.2 | 17.9 | 64.9 | .351 | .422 | .017 | .782 | .012 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 3.4 | 15.0 | 63.0 | .295 | (S) | .122 | .586 | .008 |
| 1752 | Floor laying and other floor work ----- | 3.9 | 15.8 | 131.8 | .157 | .465 | .131 | .668 | .018 |
| 1761 | Roofing, siding, and sheet metal work ----- | 9.4 | 17.3 | 83.0 | .262 | .431 | .038 | .573 | .009 |
| 1771 | Concrete work ----- | 5.8 | 17.6 | 76.7 | .279 | .411 | .045 | .440 | *.032 |
| 1781 | Water well drilling ----- | 4.5 | 16.2 | 88.1 | .210 | .371 | (S) | (S) | .014 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | 11.1 | 33.8 | 124.3 | .334 | .362 | .138 | .912 | .015 |
| 1793 | Glass and glazing work ----- | 5.5 | 21.8 | 152.4 | .214 | .675 | (D) | .800 | .009 |
| 1794 | Excavation work ----- | 6.2 | 20.2 | 92.6 | .259 | .183 | .059 | .882 | .033 |
| 1795 | Wrecking and demolition work ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 7.9 | 22.5 | 118.1 | .247 | .419 | .009 | *.591 | .029 |
| 1799 | Special trade contractors, n.e.c. ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

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

| SIC code | Geographic area and industry | Number of establishments | All employees** | Payroll, all employees | Value of construction work | Net value of construction work† | Value added†† | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Capital expenditures, other than land | Relative standard error of estimate (percent) for column— | |
|----------|--|--------------------------|-----------------|------------------------|----------------------------|---------------------------------|------------------|--|--|---------------------------------------|---|----------|
| | | | | | | | | | | | A | B |
| | SALT LAKE CITY-OGDEN, UT MSA | | | | | | | | | | | |
| 15,16,17 | Construction industries ----- | 2 707 | 23 990 | 560 317 | 2 772 085 | 1 898 262 | 1 105 519 | 857 348 | 873 823 | 55 833 | 2 | 1 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | |
| 1521 | Single-family houses ----- | (S) | 2 037 | 33 900 | 220 517 | 160 465 | 95 389 | 71 168 | 60 052 | 2 602 | 10 | 11 |
| 1522 | Other residential buildings ----- | (S) | 102 | 2 138 | 10 646 | (D) | (D) | (D) | (D) | 383 | 23 | (D) |
| 1531 | Operative builders ----- | 71 | 331 | 8 598 | 117 095 | 66 113 | 26 020 | (S) | 50 982 | (D) | 22 | 19 |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 43 | 536 | 15 417 | 85 268 | 43 694 | 20 926 | 22 805 | 41 574 | 3 362 | 15 | 12 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 145 | 3 379 | 89 229 | 841 590 | 313 990 | 195 391 | 131 163 | 527 600 | 5 437 | 4 | 3 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | |
| 1611 | Highway and street construction ----- | 35 | 1 189 | 34 796 | 180 093 | 125 434 | 73 785 | 70 677 | 54 659 | 8 618 | 5 | 3 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | *7 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1623 | Water, sewer, and utility lines ----- | 40 | 857 | 21 990 | 73 068 | 67 097 | 42 816 | 26 697 | 5 970 | 6 803 | 8 | 6 |
| 1629 | Heavy construction, n.e.c. ----- | 56 | 617 | 19 015 | 85 663 | 62 021 | 35 726 | 29 633 | 23 642 | (S) | 9 | 8 |
| 17 | Special trade contractors: | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 381 | 3 629 | 93 582 | 353 540 | 302 378 | 165 193 | 148 689 | 51 162 | 4 029 | 3 | 3 |
| 1721 | Painting and paper hanging ----- | (S) | 792 | 12 077 | 37 757 | 36 869 | 26 077 | 12 247 | 889 | 868 | 18 | 17 |
| 1731 | Electrical work ----- | 230 | 2 450 | 65 743 | 207 110 | 200 108 | 118 384 | 82 594 | 7 002 | 3 761 | 5 | 4 |
| 174 | Masonry, stone work, tile setting, and plastering: | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stone work ----- | 124 | 693 | 12 549 | 36 240 | 35 803 | 23 267 | 12 542 | (S) | 836 | 12 | 11 |
| 1742 | Plastering, drywall, and insulation work ----- | 144 | 1 560 | 29 988 | 90 528 | 83 453 | 42 813 | 40 989 | (S) | 1 065 | 8 | 7 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | (S) | 383 | 7 053 | 19 353 | 19 004 | 10 979 | 8 032 | *350 | 163 | 7 | 8 |
| 175 | Carpentry and floor work: | | | | | | | | | | | |
| 1751 | Carpentry ----- | 152 | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) |
| 1752 | Floor laying and other floor work ----- | 43 | 194 | 3 237 | 20 433 | 17 554 | 8 226 | 9 409 | *2 879 | *269 | 14 | 26 |
| 1761 | Roofing, siding, and sheet metal work ----- | 131 | 1 417 | 25 655 | 96 944 | 93 210 | 53 463 | 41 006 | 3 735 | 1 069 | 8 | 6 |
| 1771 | Concrete work ----- | 164 | 1 023 | 19 151 | 68 450 | 65 368 | 38 154 | 27 665 | 3 082 | 1 646 | 13 | 13 |
| 1781 | Water well drilling ----- | 11 | *64 | (D) | *4 963 | (D) | *3 073 | *1 832 | (D) | 1 805 | 58 | (D) |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 36 | 469 | 16 516 | 50 331 | 42 541 | 23 639 | 18 937 | 7 790 | 1 738 | 14 | 9 |
| 1793 | Glass and glazing work ----- | 11 | 65 | 1 575 | (D) | (D) | 2 924 | 4 865 | (D) | 137 | 16 | (D) |
| 1794 | Excavation work ----- | (S) | 310 | 6 241 | 21 368 | 20 458 | 15 727 | 4 800 | 911 | (S) | 22 | 23 |
| 1795 | Wrecking and demolition work ----- | 2 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1796 | Installing building equipment, n.e.c. ----- | 36 | (D) | (D) | (D) | (D) | (D) | (D) | 229 | (D) | (D) | (D) |
| 1799 | Special trade contractors, n.e.c. ----- | 112 | 1 000 | 23 080 | 69 188 | 64 708 | 43 512 | 22 512 | 4 480 | 2 816 | 13 | 12 |

Contents

Wyoming

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Statistics for Establishments With Payroll

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-- Not applicable for this report.

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Wyoming. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

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

During 1992, there were 4,533 establishments in this State operating in the construction industries. These establishments accounted for \$1.0 billion in total dollar value of business done.

Most of the 4,533 construction establishments were small. Of the total, 2,841 were nonemployers, and over half of the employer establishments had less than 5 employees. The 533 construction establishments with 5 employees or more, while representing only 12 percent of all establishments, accounted for more than 75 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$942 million in total dollar value of business done. Of this amount, \$916 million were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$173 million, leaving net value of construction work of \$743 million. In addition, these establishments paid out \$373 million for the cost of materials, fuels, power, rental of equipment and buildings,

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

and the cost of selected purchased services. Value added for 1992 was \$450 million. (See Introduction and appendixes for explanation of terms.)

There were 1,692 establishments with total employment averaging 10,948 during the year. Total payroll for 1992 was \$235 million.

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

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



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

ESTABLISHMENTS WITHOUT PAYROLL

During 1992, there were 2,841 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$59 million. Most of these establishments, about 80 percent, were special trade contractors.

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

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

1992 
1987 

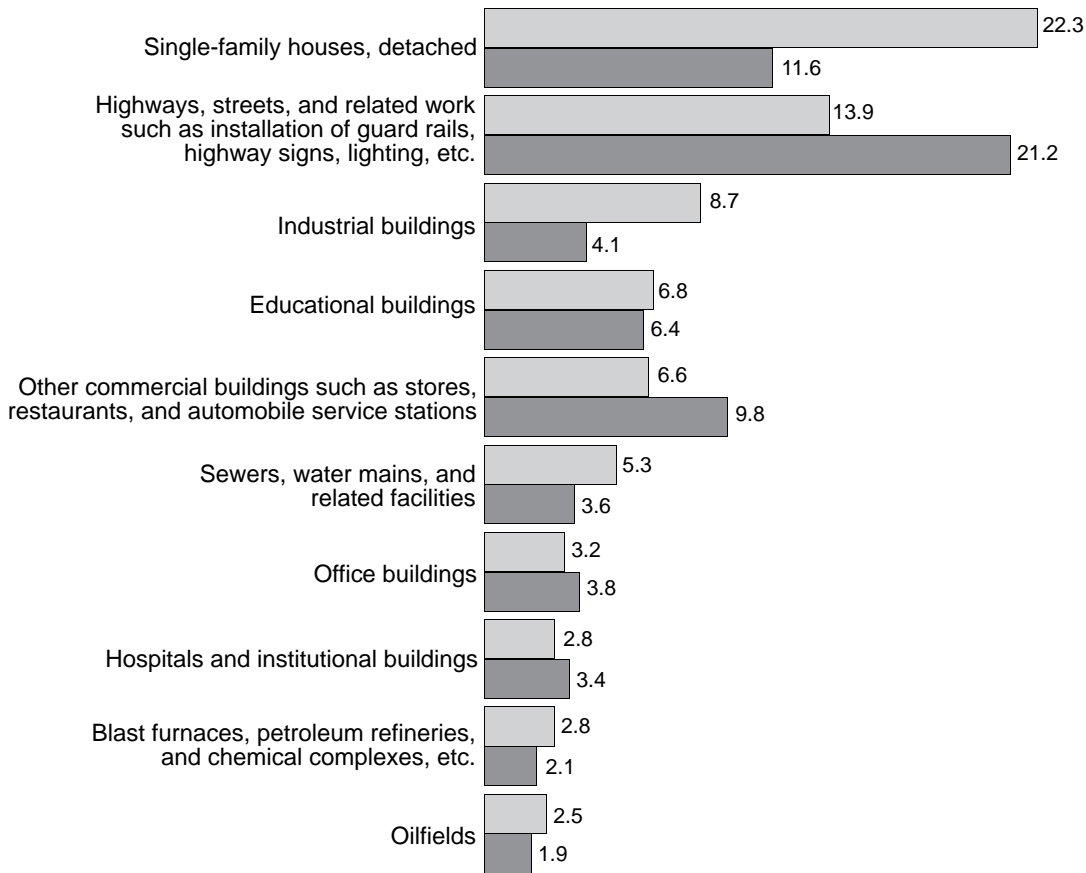




Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

1992 
1987 

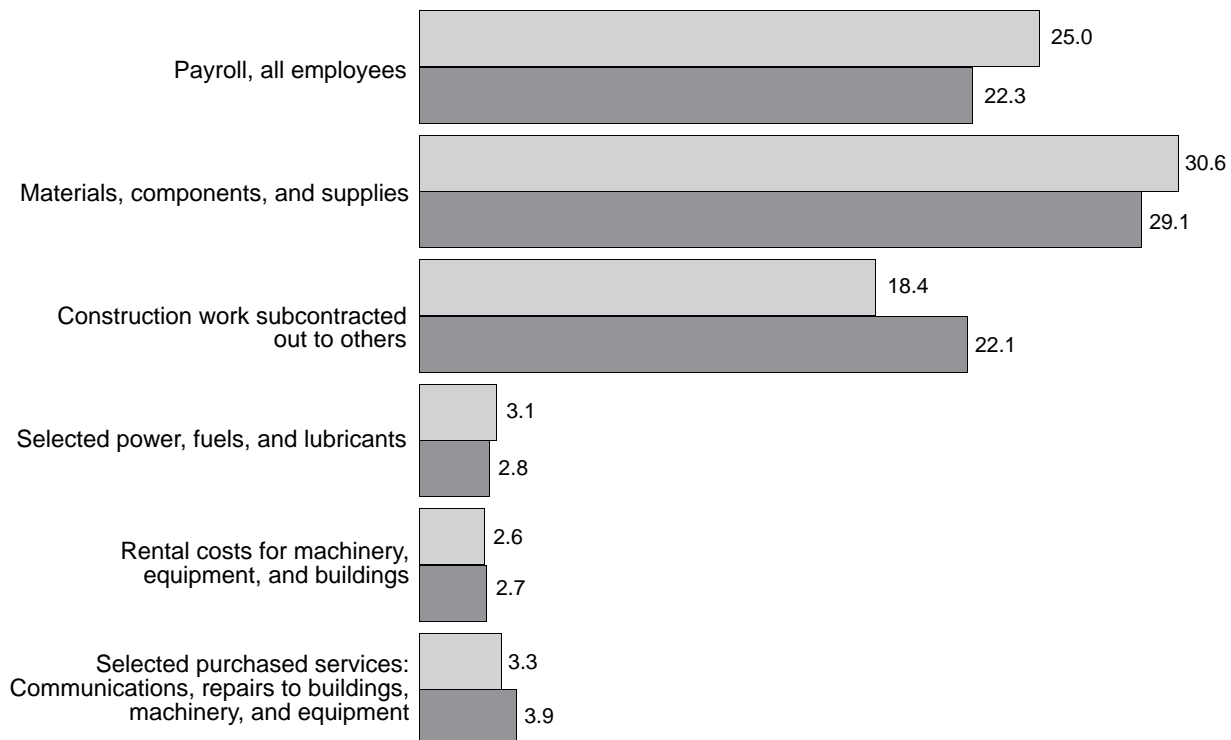


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | All establishments | | | | Establishments without payroll | | | Establishments with payroll | | | | Relative standard error of estimate (percent) for column— | | |
|-------------|---|--------------------|----------------------------------|-----------------|-------------------------------|--------------------------------|----------------------------------|--|-----------------------------|----------------------------------|-----------------|-------------------------------|---|-----|---|
| | | Number | Proprietors and working partners | All employees** | Dollar value of business done | Number | Proprietors and working partners | Dollar value of business done ¹ | Number | Proprietors and working partners | All employees** | Dollar value of business done | | | |
| | | A | B | C | D | E | F | G | H | I | J | K | | | J |
| 1992 | | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ----- | 4 533 | 3 843 | 10 948 | 1 000 886 | 2 841 | 2 816 | 59 180 | 1 692 | 1 027 | 10 948 | 941 706 | 2 | 2 | |
| 15 | Building construction—General contractors and operative builders ---- | 935 | 717 | 2 709 | 318 275 | 420 | 409 | 15 089 | 515 | (S) | 2 709 | 303 186 | 5 | 5 | |
| 16 | Heavy construction other than building construction— contractors----- | 364 | 222 | 3 333 | 312 362 | 142 | 133 | 3 284 | 222 | 89 | 3 333 | 309 078 | 4 | 3 | |
| 17 | Special trade contractors ----- | 3 234 | 2 904 | 4 907 | 370 249 | 2 279 | 2 274 | 40 807 | 955 | 630 | 4 907 | 329 442 | 3 | 3 | |
| 1711 | Plumbing, heating, and air-conditioning -- | 321 | 251 | 877 | 87 945 | 129 | 128 | 4 685 | 192 | 123 | 877 | 83 260 | 7 | 9 | |
| 1731 | Electrical work----- | 282 | 181 | 1 154 | 92 508 | 114 | 111 | 3 452 | 168 | 70 | 1 154 | 89 056 | 4 | 5 | |
| 1987 | | | | | | | | | | | | | | | |
| 15, 16, 17 | Construction industries ² ----- | 4 716 | 3 775 | 8 952 | 854 485 | 3 410 | 3 396 | 100 937 | 1 306 | 379 | 8 952 | 753 548 | 2 | 2 | |
| 15 | Building construction—General contractors and operative builders ---- | 1 037 | 798 | 1 836 | 251 476 | 709 | 678 | 28 115 | 328 | 120 | 1 836 | 223 361 | 6 | 7 | |
| 16 | Heavy construction other than building construction— contractors----- | 377 | 194 | (D) | (D) | 140 | 143 | 7 671 | 237 | 51 | (D) | (D) | (D) | (D) | |
| 17 | Special trade contractors ----- | 3 175 | 2 667 | (D) | (D) | 2 444 | 2 462 | 57 661 | 731 | 205 | (D) | (D) | (D) | (D) | |
| 1711 | Plumbing, heating, and air-conditioning -- | 317 | 207 | 761 | 59 715 | 166 | 167 | 6 023 | 151 | 40 | 761 | 53 692 | 10 | 13 | |
| 1731 | Electrical work----- | 295 | 182 | 969 | 65 345 | 157 | 156 | 7 250 | 138 | 26 | 969 | 58 095 | 8 | 8 | |

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

²Includes data for "Land Subdividers and Developers", SIC 6552.

Table 2. General Statistics for Establishments With Payroll by Industry: 1992 and 1987

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

| SIC code | Industry | 1992 | | | | | | | |
|------------|--|--------------------------|---------------|----------------------|----------------|----------------------|----------------------------|---------------------------------|----------------|
| | | Number of establishments | Employees** | | Payroll | | Value of construction work | Net value of construction work† | Value added†† |
| | | | All | Construction workers | All employees | Construction workers | | | |
| A | B | C | D | E | F | G | H | | |
| 15, 16, 17 | Construction industries¹ | 1 692 | 10 948 | 9 012 | 235 264 | 183 942 | 915 974 | 742 521 | 450 239 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses | 377 | 1 525 | 1 245 | 25 914 | 21 380 | 137 324 | 100 651 | 47 837 |
| 1522 | Other residential buildings | *13 | *67 | *58 | *1 525 | *1 131 | *6 148 | *3 350 | *2 643 |
| 1531 | Operative builders | 18 | (S) | (S) | (S) | (S) | *5 889 | (S) | (S) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses | 22 | 461 | 386 | 15 304 | 12 681 | 51 192 | 35 032 | 25 767 |
| 1542 | Nonresidential buildings, n.e.c. | 85 | 628 | 484 | 12 558 | 9 040 | 96 251 | 41 346 | 23 775 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction | 66 | 1 222 | 1 041 | 31 392 | 24 533 | 131 040 | 109 695 | 65 992 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction | *8 | 211 | 172 | 4 421 | 3 174 | 20 359 | 15 302 | 8 841 |
| 1623 | Water, sewer, and utility lines | 37 | 860 | 716 | 19 039 | 14 578 | 68 232 | 62 909 | 37 572 |
| 1629 | Heavy construction, n.e.c. | 111 | 1 039 | 865 | 29 950 | 22 047 | 83 579 | 74 709 | 54 892 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning | 192 | 877 | 662 | 20 037 | 15 138 | 80 693 | 72 736 | 40 638 |
| 1721 | Painting and paper hanging | 79 | 290 | 254 | (D) | 3 509 | 10 992 | (D) | 8 775 |
| 1731 | Electrical work | 168 | 1 154 | 891 | 29 007 | 22 406 | 84 949 | 81 987 | 51 170 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework | 50 | 228 | 198 | 3 169 | 2 745 | 11 621 | 11 263 | 8 060 |
| 1742 | Plastering, drywall, and insulation work | 55 | 305 | 245 | 6 163 | 4 848 | 18 323 | 18 068 | 12 210 |
| 1743 | Terrazzo, tile, marble, and mosaic work | *17 | 29 | 22 | 503 | 343 | 1 845 | 1 804 | 1 077 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry | 74 | 174 | 158 | 2 683 | 2 462 | 8 910 | 8 243 | 5 759 |
| 1752 | Floor laying and other floor work | 17 | 37 | 32 | 409 | 328 | 1 507 | 1 442 | (D) |
| 1761 | Roofing, siding, and sheet metal work | 53 | 458 | 395 | 6 833 | 5 213 | 23 778 | 22 415 | 10 426 |
| 1771 | Concrete work | 73 | 412 | 367 | 7 290 | 6 404 | (D) | (D) | (D) |
| 1781 | Water well drilling | 20 | 74 | 57 | (D) | 1 065 | (D) | 4 959 | 3 002 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection | 6 | 41 | (D) | (D) | (D) | (D) | (D) | (D) |
| 1793 | Glass and glazing work | 3 | (D) | (D) | 412 | (D) | (D) | (D) | 1 060 |
| 1794 | Excavation work | 42 | 148 | *129 | *2 516 | *2 283 | 10 127 | 9 293 | 6 878 |
| 1795 | Wrecking and demolition work | — | — | — | — | — | — | — | — |
| 1796 | Installing building equipment, n.e.c. | *9 | (D) | 40 | (D) | 1 499 | 3 916 | 3 916 | 2 545 |
| 1799 | Special trade contractors, n.e.c. | 97 | 610 | 528 | 7 671 | 5 984 | 23 195 | 20 245 | 14 177 |

¹For 1987, includes data for "Land Subdividers and Developers", SIC 6552. For 1992, SIC 6552 data are included in the Census of Financial, Insurance, and Real Estate Industries.

| 1992—Con. | | | | | | 1987 | | | Relative standard error of estimate (percent) for column— | | | SIC code |
|--|--|--|--|---------------------------------------|--|----------------------|----------------------------|----------------------------|---|-----------------------|-----------------------|-------------------------------------|
| 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 of 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†† | | | | |
| I | J | K | L | M | N | O | P | Q | B | G | M | |
| 318 013 | 173 454 | 193 974 | 24 341 | 30 970 | 255 917 | 8 952 | 731 687 | 344 334 | 2 | 2 | 10 | 15, 16, 17 15 |
| 54 681 767 | 36 674 (S) | 4 901 — | (S) *32 | 1 599 — | 12 703 (S) | (S) *107 | (S) 10 690 | (S) 4 076 | 8 68 | 11 55 | 26 — | 152 1521 1522 |
| *1 952 | *2 253 | (S) | (S) | *97 | 294 | (S) | (S) | (S) | (S) | (S) | 62 | 1531 |
| 9 536 21 756 | 16 159 54 905 | 3 665 (S) | 2 245 *1 192 | 560 *914 | 5 508 11 160 | 153 1 057 | 20 108 134 633 | 5 795 30 947 | 10 13 | 6 11 | 22 45 | 154 1541 1542 |
| 45 628 | 21 346 | 15 969 | 5 738 | 7 477 | 81 885 | 1 768 | 168 028 | 86 992 | 8 | 4 | 18 | 1611 |
| 7 087 27 573 20 897 | 5 057 5 322 8 870 | 3 537 11 497 7 556 | 506 3 198 4 902 | 1 109 6 069 4 840 | *9 848 30 813 40 712 | (D) 528 915 | (D) 57 373 77 565 | (D) 35 387 40 882 | 22 11 7 | 19 8 9 | 39 39 26 | 162 1622 1623 1629 |
| 34 665 | 7 957 | 29 471 | 1 228 | 2 382 | 14 527 | 761 | 50 939 | 27 566 | 7 | 9 | 20 | 1711 |
| (D) | (D) | 6 448 | 85 | 254 | 2 358 | 119 | 5 452 | 4 831 | 14 | (D) | 36 | 1721 |
| 34 923 | 2 962 | 40 180 | 1 492 | 2 216 | 13 509 | 969 | 56 090 | 33 298 | 4 | 5 | 18 | 1731 |
| 3 203 5 936 767 | 358 256 *41 | 8 202 10 332 *1 761 | 108 413 *32 | (D) 281 51 | *3 303 2 100 345 | 137 232 (D) | 5 124 8 054 840 | 2 736 5 360 420 | 12 15 27 | 13 16 29 | (D) 32 30 | 174 1741 1742 1743 |
| (S) 839 | (S) 64 | 4 730 886 | 40 36 | 276 61 | 2 195 304 | (S) (D) | (S) (D) | (S) (D) | 15 5 | 14 6 | 18 5 | 175 1751 1752 |
| 12 086 | 1 363 | 12 640 | 275 | 512 | (D) | 417 | 21 284 | 11 041 | 17 | 9 | 23 | 1761 |
| 12 198 | (D) | 11 969 | 313 | (D) | 3 705 | 224 | 12 062 | 7 794 | 7 | (D) | (D) | 1771 |
| (D) | (D) | 246 | 55 | *188 | (S) | 74 | 4 247 | 2 102 | 11 | 9 | 43 | 1781 |
| 1 506 (D) *2 427 — | (D) (D) *834 — | (D) (D) 4 373 — | (D) (D) *218 — | (D) (D) *386 — | 496 716 *3 506 — | 92 57 (S) — | 6 706 (D) (S) — | 4 341 2 014 (S) — | (Z) (D) 38 — | (D) (D) 38 — | (D) (D) 51 — | 179 1791 1793 1794 1795 |
| 1 371 9 288 | — 2 950 | (D) 7 369 | (D) 1 217 | 64 850 | (D) 6 938 | (D) 359 | (S) 13 422 | (S) 8 403 | (D) 11 | (D) 18 | 13 26 | 1796 1799 |

CONSTRUCTION—GEOGRAPHIC AREA SERIES

WYOMING WY-7

Table 3. Detailed Statistics for Establishments With Payroll: 1992 and Earlier Census Years

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

| Item | 1992 | 1987 | 1982 | 1977 | Relative standard error of estimate (percent) | | | |
|---|---------|---------|-----------|---------|---|------|------|------|
| | | | | | 1992 | 1987 | 1982 | 1977 |
| Number of establishments in business during year | 1 692 | 1 306 | 1 819 | 1 759 | 1 | 3 | 4 | 5 |
| Proprietors and working partners..... | 1 027 | 379 | 665 | 1 111 | 4 | 12 | 8 | 9 |
| All employees** | 10 948 | 8 952 | 14 851 | 13 175 | 2 | 2 | 2 | 3 |
| Construction workers: | | | | | | | | |
| March..... | 7 625 | 5 659 | 11 675 | 9 559 | 2 | 3 | 2 | 3 |
| May..... | 9 072 | 7 452 | 12 630 | 12 024 | 2 | 3 | 2 | 3 |
| August..... | 10 288 | 8 574 | 13 447 | 13 472 | 2 | 2 | 2 | 3 |
| November..... | 9 065 | 7 158 | 11 509 | 11 617 | 2 | 3 | 2 | 3 |
| Average..... | 9 012 | 7 211 | 12 521 | 11 678 | 2 | 2 | 2 | 3 |
| Other employees: | | | | | | | | |
| March..... | 1 863 | 1 680 | 2 316 | 1 370 | 3 | 4 | 4 | 5 |
| May..... | 1 910 | 1 664 | (NA) | (NA) | 3 | 4 | (NA) | (NA) |
| August..... | 2 002 | 1 882 | (NA) | (NA) | 4 | 5 | (NA) | (NA) |
| November..... | 1 969 | 1 736 | (NA) | (NA) | 4 | 4 | (NA) | (NA) |
| Average..... | 1 936 | 1 740 | (NA) | (NA) | 3 | 4 | (NA) | (NA) |
| Payroll, all employees | 235 264 | 168 001 | 253 400 | 151 945 | 1 | 2 | 2 | 2 |
| Payroll, construction workers | 183 942 | 128 734 | 204 582 | 130 005 | 2 | 2 | 2 | 2 |
| Payroll, other employees | 51 322 | 39 266 | 48 817 | 21 940 | 2 | 3 | 3 | 3 |
| First quarter payroll, all employees | 49 950 | 32 633 | 58 619 | 30 447 | 2 | 3 | 2 | 2 |
| Fringe benefits, all employees | 48 736 | 32 484 | 44 321 | 22 597 | 3 | 3 | 2 | 2 |
| Legally required expenditures..... | 37 594 | 23 043 | 34 614 | 14 818 | 3 | 3 | 2 | 2 |
| Voluntary expenditures..... | 11 143 | 9 441 | 9 706 | 7 779 | 5 | 5 | 3 | 1 |
| Dollar value of business done | 941 706 | 753 548 | 1 081 190 | 650 014 | 2 | 2 | 2 | 2 |
| Value of construction work | 915 974 | 731 687 | 1 038 734 | 630 497 | 2 | 2 | 2 | 2 |
| Value of construction work subcontracted in from others | 193 974 | 140 105 | 194 816 | 130 120 | 6 | 6 | 5 | 4 |
| Other business receipts | 25 732 | 20 071 | 36 800 | 19 517 | 9 | 7 | 5 | 8 |
| Net value of construction† | 742 521 | 565 131 | 808 260 | 519 838 | 2 | 2 | 2 | 2 |
| Value added†† | 450 239 | 344 334 | 511 670 | 314 891 | 2 | 2 | 2 | 2 |
| Selected costs | 491 466 | 407 424 | 563 864 | 328 368 | 3 | 3 | 3 | 3 |
| Materials, components, and supplies | 288 547 | 219 594 | 300 384 | 194 023 | 4 | 4 | 2 | 3 |
| Construction work subcontracted out to others | 173 454 | 166 556 | 230 474 | 110 658 | 6 | 4 | 3 | 4 |
| Selected power, fuels, and lubricants | 29 465 | 21 274 | 33 006 | 23 686 | 3 | 2 | 3 | 2 |
| Electricity..... | 2 736 | 1 714 | 2 447 | 1 014 | 9 | 4 | 4 | 6 |
| Natural gas..... | 2 612 | 733 | 1 219 | 646 | 3 | 9 | 4 | 9 |
| Gasoline and diesel fuel | 22 019 | 17 049 | 27 115 | 18 700 | 3 | 2 | 3 | 2 |
| On highway use..... | 12 844 | 9 010 | (NA) | (NA) | 4 | 3 | (NA) | (NA) |
| Off highway use..... | 9 175 | 8 039 | (NA) | (NA) | 4 | 4 | (NA) | (NA) |
| Other, including lubricating oils and greases..... | 2 098 | 1 776 | 2 224 | 3 334 | 6 | 6 | 3 | 3 |
| Rental cost for machinery, equipment, and buildings | 24 341 | 20 390 | 24 840 | 10 805 | 5 | 4 | 3 | 4 |
| For machinery and equipment | 18 997 | 16 731 | 20 871 | 9 347 | 5 | 4 | 3 | 4 |
| For buildings..... | 5 344 | 3 658 | 3 969 | 1 458 | 12 | 8 | 6 | 6 |
| Selected purchased services | 30 724 | 29 594 | 27 595 | 30 324 | 4 | 3 | 3 | 2 |
| Communication services | 5 707 | 3 238 | 4 522 | 2 550 | 5 | 5 | 4 | 4 |
| Repairs to buildings and other structures | 1 395 | 708 | 730 | 841 | 10 | 18 | 6 | 12 |
| Repairs to machinery and equipment | 23 622 | 25 647 | 22 343 | 26 932 | 4 | 3 | 3 | 2 |
| Ownership of construction projects: | | | | | | | | |
| Value of construction work | 915 974 | 731 687 | 1 038 734 | 630 497 | 2 | 2 | 2 | 2 |
| Government owned | 327 774 | 349 603 | 331 958 | 144 494 | 6 | 5 | 4 | 2 |
| Federal | 71 599 | 152 031 | (NA) | (NA) | 9 | 10 | (NA) | (NA) |
| State and local | 256 175 | 197 571 | (NA) | (NA) | 7 | 3 | (NA) | (NA) |
| Privately owned | 588 200 | 382 084 | 706 776 | 486 003 | 4 | 4 | 3 | 3 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 4. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1992 and 1987

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

| Item | 1992 | 1987 | Relative standard error of estimate (percent) | |
|--|---------|---------|---|------|
| | | | 1992 | 1987 |
| BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT | | | | |
| Beginning-of-year gross book value of depreciable assets | 258 436 | 224 604 | 6 | 5 |
| Capital expenditures, other than land | 30 970 | 16 236 | 10 | 7 |
| New | 18 655 | 10 563 | 16 | 8 |
| Used | 12 315 | 5 673 | 9 | 13 |
| Retirements and disposition of depreciable assets | (S) | 9 188 | (S) | 15 |
| End-of-year gross book value of depreciable assets | 255 917 | 231 653 | 6 | 5 |
| Depreciation charges during year | 27 332 | 24 361 | 6 | 6 |
| Buildings and Other Structures, Additions, and Related Facilities | | | | |
| Beginning-of-year gross book value of depreciable assets | (S) | 30 094 | (S) | 14 |
| Capital expenditures, other than land | 1 440 | 1 709 | 20 | 38 |
| New buildings and other structures | 1 100 | 401 | 25 | 25 |
| Used buildings and other structures | 339 | *1 307 | 13 | 48 |
| Retirements and disposition of depreciable assets | (S) | 232 | (S) | 27 |
| End-of-year gross book value of depreciable assets | 25 280 | 31 570 | 12 | 14 |
| Depreciation charges during year | (S) | 2 638 | (S) | 21 |
| Machinery and Equipment | | | | |
| Beginning-of-year gross book value of depreciable assets | 215 127 | 194 510 | 6 | 5 |
| Capital expenditures, other than land | 29 530 | 14 527 | 10 | 6 |
| New machinery and equipment, including automobiles and trucks | 17 555 | 10 161 | 17 | 8 |
| New automobiles and trucks, intended primarily for highway use | 6 141 | 4 613 | 14 | 12 |
| Used machinery and equipment, including automobiles and trucks | 11 976 | 4 365 | 9 | 8 |
| Retirements and disposition of depreciable assets | 14 020 | 8 956 | 8 | 15 |
| End-of-year gross book value of depreciable assets | 230 637 | 200 082 | 6 | 5 |
| Depreciation charges during year | 24 217 | 21 723 | 6 | 6 |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 5. Value of Inventories for Establishments With Payroll: 1992 and 1991

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

| Item | Establishments with payroll | Relative standard error of estimate (percent) |
|--|-----------------------------|---|
| All establishments: | | |
| Number | 1 692 | 1 |
| Value of construction work | 915 974 | 2 |
| Establishments with inventories: | | |
| Number | 554 | 5 |
| Value of construction work | 413 149 | 3 |
| Inventories¹: | | |
| End of 1992, materials and supplies | 12 910 | 14 |
| End of 1991, materials and supplies | 12 349 | 15 |
| Establishments with no inventories: | | |
| Number | 618 | 6 |
| Value of construction work | 318 103 | 6 |
| Establishments not reporting: | | |
| Number | 520 | 5 |
| Value of construction work | 184 722 | 6 |

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

Table 6. Selected Statistics for Establishments With Payroll by Employment Size Class: 1992 and 1987

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

| Selected statistics | Total | Establishments with an average of— | | | | | | | | |
|---|---------|------------------------------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-------------------------|
| | | 1 to 4 employees | 5 to 9 employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | 100 to 249 employees | 250 to 499 employees | 500 to 999 employees | 1,000 employees or more |
| 1992 | | | | | | | | | | |
| Number of establishments | 1 692 | 1 158 | 270 | 157 | 82 | 16 | 6 | (D) | — | — |
| All employees** | 10 948 | 2 364 | 1 742 | 2 057 | 2 276 | 1 080 | 1 431 | (D) | — | — |
| Payroll, all employees | 235 264 | 37 057 | 28 972 | 43 810 | 55 481 | 31 469 | 38 476 | (D) | — | — |
| Dollar value of business done | 941 706 | 192 179 | 137 280 | 176 539 | 203 666 | 114 363 | 117 680 | (D) | — | — |
| Value of construction work | 915 974 | 189 172 | 132 078 | 172 519 | 193 720 | 111 169 | 117 317 | (D) | — | — |
| Net value of construction work† | 742 521 | 155 087 | 107 418 | 137 762 | 154 949 | 86 957 | 100 346 | (D) | — | — |
| Value added†† | 450 239 | 87 989 | 62 075 | 86 150 | 97 001 | 51 176 | 65 848 | (D) | — | — |
| Cost of materials, components, supplies, and fuels | 318 013 | 70 105 | 50 545 | 55 633 | 67 894 | 38 975 | 34 861 | (D) | — | — |
| Cost of construction work subcontracted out to others | 173 454 | 34 084 | (S) | 34 756 | 38 770 | 24 212 | 16 971 | (D) | — | — |
| Rental cost for machinery, equipment, and buildings | 24 341 | (S) | 2 105 | 4 227 | 6 690 | 4 202 | 4 501 | (D) | — | — |
| Capital expenditures, other than land | 30 970 | 4 969 | 3 356 | 5 486 | 10 825 | 2 795 | 3 540 | (D) | — | — |
| End-of-year gross book value of depreciable assets | 255 917 | 36 613 | 32 831 | 56 898 | 63 569 | 28 388 | 37 618 | (D) | — | — |
| 1987 | | | | | | | | | | |
| All employees** | 8 952 | (S) | 1 481 | 1 746 | 1 887 | 1 403 | 857 | — | — | — |
| Value of construction work | 731 687 | (S) | 82 957 | 144 370 | 192 462 | 208 892 | (D) | — | — | — |
| Value added†† | 344 334 | (S) | 46 089 | 63 923 | 92 899 | 49 050 | 43 293 | — | — | — |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | |
| All employees** | 2 | 7 | 12 | 10 | 6 | (Z) | (Z) | (D) | — | — |
| Net value of construction work† | 2 | 9 | 13 | 9 | 4 | (Z) | (Z) | (D) | — | — |
| Capital expenditures, other than land | 10 | 21 | 17 | 14 | 23 | (Z) | (Z) | (D) | — | — |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 7. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1992 and 1987

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

| Selected statistics | Total | Establishments with dollar value of business done— | | | | | | | | | |
|---|---------|--|----------------------|----------------------|------------------------|------------------------|------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| | | 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 | 1 692 | (S) | (S) | (S) | 533 | 287 | 197 | 115 | 45 | 15 | 9 |
| All employees** | 10 948 | (S) | (S) | 410 | 1 511 | 1 602 | 1 627 | 1 919 | 1 467 | 1 003 | 1 221 |
| Payroll, all employees | 235 264 | (S) | (S) | 4 805 | 22 050 | 25 743 | 32 132 | 44 779 | 41 102 | 25 518 | 37 721 |
| Dollar value of business done | 941 706 | (S) | (S) | (S) | 87 337 | 101 919 | 135 074 | 184 514 | 155 868 | 101 869 | 150 549 |
| Value of construction work | 915 974 | (S) | (S) | (S) | 85 028 | 100 036 | 132 568 | 177 852 | 147 482 | 100 074 | 148 523 |
| Net value of construction work† | 742 521 | (S) | (S) | 17 345 | 74 756 | 88 075 | 111 392 | 147 180 | 121 186 | 68 551 | 108 861 |
| Value added†† | 450 239 | (S) | (S) | 10 551 | 44 123 | 53 162 | 70 791 | 87 338 | 72 539 | 44 118 | 64 617 |
| Cost of materials, components, supplies, and fuels | 318 013 | (S) | (S) | (S) | 32 942 | 36 795 | 43 107 | 66 504 | 57 032 | 26 228 | 46 270 |
| Cost of construction work subcontracted out to others | 173 454 | (S) | (S) | (S) | (S) | (S) | 21 176 | 30 672 | 26 296 | 31 523 | 39 662 |
| Rental cost for machinery, equipment, and buildings | 24 341 | (S) | (S) | (S) | 1 297 | 1 411 | 2 284 | 6 683 | 3 481 | 4 245 | 4 475 |
| Capital expenditures, other than land | 30 970 | (S) | (S) | 684 | 3 226 | 2 474 | 3 575 | 8 360 | 6 217 | 2 107 | 4 248 |
| End-of-year gross book value of depreciable assets | 255 917 | (S) | (S) | 3 640 | 18 501 | 27 726 | 45 292 | 49 624 | 39 199 | 28 126 | 42 840 |
| 1987 | | | | | | | | | | | |
| All employees** | 8 952 | (S) | (S) | (S) | 1 029 | 1 119 | 1 103 | 1 687 | 1 347 | 901 | 928 |
| Value of construction work | 731 687 | (S) | (S) | (S) | 50 940 | 69 987 | 72 914 | 132 214 | 103 371 | 123 525 | 149 588 |
| Value added†† | 344 334 | (S) | (S) | (S) | 28 430 | 36 351 | 38 337 | 67 650 | 52 065 | 43 108 | 61 772 |
| 1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT) | | | | | | | | | | | |
| All employees** | 2 | (S) | (S) | 13 | 10 | 13 | 10 | 9 | 2 | 2 | (Z) |
| Net value of construction work† | 2 | (S) | (S) | 12 | 10 | 13 | 11 | 10 | 3 | 2 | (Z) |
| Capital expenditures, other than land | 10 | (S) | (S) | 32 | 30 | 21 | 19 | 30 | 3 | 7 | (Z) |

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies. Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

Table 8. Value of Construction Work for Establishments With Payroll by Type of Construction: 1992 and 1987

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

| Type of construction | Value of construction work | | | | Relative standard error of estimate (percent) for column— | | | |
|--|----------------------------|------------------|---|------------------------|---|----------|----------|----------|
| | Total | New construction | Additions, alterations, or reconstruction | Maintenance and repair | A | B | C | D |
| | A | B | C | D | A | B | C | D |
| 1992 | | | | | | | | |
| Value of construction work | 915 974 | 516 742 | 235 719 | 114 427 | 2 | 4 | 3 | 5 |
| Building construction | 518 981 | 343 848 | 119 224 | 55 910 | 4 | 5 | 4 | 9 |
| Single-family houses | 216 529 | 152 675 | 41 528 | 22 326 | 7 | 9 | 8 | 15 |
| Single-family houses, detached | 204 130 | 145 398 | 38 296 | 20 436 | 7 | 9 | 8 | 15 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 12 399 | 7 277 | *3 232 | 1 891 | 22 | 20 | 46 | 21 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 10 284 | 5 763 | 2 437 | 2 084 | 25 | 33 | 36 | 17 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 7 912 | 4 522 | 2 449 | 941 | 17 | 23 | 16 | 19 |
| Office buildings | 29 379 | 10 804 | (S) | 6 062 | 12 | 14 | (S) | 18 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 60 038 | 37 809 | 15 162 | 7 067 | 8 | 10 | 12 | 17 |
| Industrial buildings and warehouses | 89 265 | 66 001 | 13 634 | 9 630 | 7 | 8 | 6 | 18 |
| Industrial buildings | 79 446 | 58 203 | 11 956 | 9 287 | 8 | 8 | 7 | 19 |
| Warehouses | 9 819 | 7 798 | (S) | 343 | 28 | 35 | (S) | 34 |
| Religious buildings | 5 969 | 1 827 | 2 879 | 1 263 | 10 | 4 | 13 | 23 |
| Educational buildings | 62 410 | 46 772 | 11 600 | 4 038 | 19 | 24 | 12 | 19 |
| Hospitals and institutional buildings | 25 844 | 10 733 | 13 864 | 1 247 | 13 | 30 | 7 | 34 |
| Other nonresidential buildings | 11 351 | 6 940 | 3 158 | 1 253 | 12 | 16 | 21 | 21 |
| Nonbuilding construction..... | 347 907 | 172 895 | 116 495 | 58 517 | 3 | 5 | 3 | 6 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 127 443 | 35 165 | 72 856 | 19 422 | 4 | 7 | 3 | 9 |
| Airport runways and related work | 7 406 | (D) | 1 923 | (D) | 5 | (D) | (Z) | (D) |
| Private driveways and parking areas | 6 623 | (D) | 2 227 | (D) | 9 | (D) | 6 | (D) |
| Recreational facilities | (S) | 1 416 | (S) | (S) | 39 | (S) | (S) | — |
| Bridges, tunnels, and elevated highways | 20 127 | (D) | (D) | — | 22 | (D) | (D) | — |
| Conservation and development construction | 20 270 | 12 198 | *2 923 | *5 148 | 19 | 20 | 48 | 48 |
| Power and communication transmission lines, towers, and related facilities..... | 19 818 | 16 094 | (D) | (D) | 7 | 9 | (D) | (D) |
| Sewers, water mains, and related facilities..... | 48 117 | 35 059 | 8 577 | 4 481 | 11 | 13 | 9 | 23 |
| Sewers, sewer lines, septic systems, and related facilities | 16 651 | 11 397 | 3 490 | 1 764 | 13 | 12 | 19 | 28 |
| Water mains and related facilities..... | 31 466 | 23 662 | 5 087 | 2 718 | 13 | 15 | 7 | 33 |
| Pipeline construction other than sewer or water lines | 20 778 | 14 532 | 2 057 | 4 188 | 19 | 26 | 10 | 21 |
| Blast furnaces, petroleum refineries, chemical complexes, etc. | 25 522 | 8 779 | 7 303 | 9 439 | 6 | 2 | 2 | 13 |
| Oilfields..... | 23 305 | 10 951 | (D) | (D) | 7 | 12 | (D) | (D) |
| Other nonbuilding construction | 23 430 | 16 085 | 2 912 | 4 433 | 17 | 15 | 38 | 25 |
| Construction work, n.s.k..... | 49 086 | (NA) | (NA) | (NA) | 11 | (NA) | (NA) | (NA) |
| 1987 | | | | | | | | |
| Value of construction work | 731 687 | 400 840 | 209 808 | 83 284 | 2 | 4 | 3 | 5 |
| Building construction | 347 376 | 217 197 | 81 255 | 47 178 | 4 | 6 | 7 | 10 |
| Single-family houses | 91 696 | 64 379 | 17 048 | 10 267 | 14 | 18 | 17 | 14 |
| Single-family houses, detached | 84 801 | 60 495 | 15 224 | 9 081 | 15 | 20 | 18 | 14 |
| Single-family houses, attached, including townhouses and townhouse-type condominiums | 6 895 | 3 884 | *1 824 | 1 186 | 20 | 15 | 47 | 29 |
| Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives | 6 209 | 2 460 | 1 572 | 2 176 | 10 | 23 | 6 | 12 |
| Other residential buildings, including hotels, motels, and tourist cabins..... | 12 366 | 3 934 | *3 871 | 4 561 | 20 | 20 | 51 | 24 |
| Office buildings | 27 780 | 14 667 | 9 096 | 4 016 | 14 | 12 | 35 | 8 |
| Other commercial buildings such as stores, restaurants, and automobile service stations | 71 595 | 52 096 | 12 596 | 6 902 | 6 | 6 | 15 | 17 |
| Industrial buildings and warehouses | 34 562 | 21 637 | 7 537 | 5 386 | 7 | 10 | 13 | 4 |
| Industrial buildings | 29 830 | 19 036 | 5 900 | 4 893 | 7 | 11 | 12 | 3 |
| Warehouses | 4 732 | 2 601 | *1 637 | 493 | 30 | 27 | 43 | 16 |
| Religious buildings | 9 736 | 6 964 | 1 356 | 1 415 | 11 | 14 | 6 | 30 |
| Educational buildings | 46 632 | 28 280 | 14 823 | 3 528 | 4 | 6 | 4 | 22 |
| Hospitals and institutional buildings | 24 561 | 11 051 | 8 581 | 4 929 | 17 | 23 | 17 | 38 |
| Other nonresidential buildings | 18 965 | 11 459 | 4 770 | 3 119 | (NA) | (NA) | (NA) | (NA) |
| Nonbuilding construction..... | 346 557 | 181 943 | 128 553 | 36 060 | 2 | 4 | 2 | 6 |
| Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc. | 155 194 | 47 901 | 98 001 | 9 292 | 2 | 4 | 1 | 8 |
| Private driveways and parking areas | 6 473 | 4 379 | 781 | 1 311 | 19 | 19 | 20 | 26 |
| Bridges, tunnels, and elevated highways | 9 227 | 1 691 | 5 703 | 1 832 | 5 | 1 | (Z) | 27 |
| Conservation and development construction | 15 207 | 10 755 | 3 228 | 1 223 | 28 | 38 | 27 | 10 |
| Power and communication transmission lines, towers, and related facilities..... | 32 631 | 24 010 | 7 227 | 1 394 | 9 | 2 | 27 | 20 |
| Sewers, water mains, and related facilities..... | 26 544 | 21 928 | 1 928 | 2 687 | 7 | 7 | 6 | 28 |
| Sewers, sewer lines, septic systems, and related facilities | 13 965 | 10 960 | 995 | 2 010 | 8 | 6 | 12 | 33 |
| Water mains and related facilities..... | 12 579 | 10 968 | 933 | *677 | 12 | 12 | (Z) | 42 |
| Pipeline construction other than sewer or water lines | 5 431 | 4 283 | *444 | 702 | 16 | 12 | 41 | 23 |
| Blast furnaces, petroleum refineries, chemical complexes, etc. | 15 533 | 8 010 | 1 333 | 6 190 | 5 | (Z) | 3 | 12 |
| Oilfields..... | 13 946 | 9 582 | 2 387 | 1 975 | 9 | 10 | 8 | 8 |
| Other nonbuilding construction | 66 371 | 49 404 | 9 878 | 18 279 | (NA) | (NA) | (NA) | (NA) |
| Construction work, n.s.k..... | 37 753 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: Statistics for "Land Subdividers and Developers," SIC 6552, are included in the statistics from previous censuses, but excluded for 1992. SIC 6552 is covered in the Census of Finance, Insurance, and Real Estate Industries.

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

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

| SIC code | Industry | Number of establishments | Average number of construction workers | Construction workers ¹ | | | | Relative standard error of estimate (percent) for column— | | | | | | |
|-------------------|--|--------------------------|--|-----------------------------------|---------------|-------------------|---------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | January to March | April to June | July to September | October to December | A | B | C | D | E | F | |
| | | | | A | B | C | D | E | F | A | B | C | D | E |
| 15, 16, 17 | Construction industries ----- | 1 692 | 9 012 | 7 625 | 9 072 | 10 288 | 9 065 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | | | | | | |
| 1521 | Single-family houses ----- | 377 | 1 245 | 1 015 | 1 280 | 1 396 | 1 290 | 6 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1522 | Other residential buildings ----- | *13 | *58 | (S) | *49 | *94 | *40 | 52 | 69 | (S) | 73 | 65 | 65 | 65 |
| 1531 | Operative builders ----- | 18 | (S) | (S) | (S) | (S) | (S) | 30 | (S) | (S) | (S) | (S) | (S) | (S) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 22 | 386 | 506 | 335 | 466 | 238 | 29 | 8 | 10 | 5 | 16 | 7 | 7 |
| 1542 | Nonresidential buildings, n.e.c. --- | 85 | 484 | 399 | 504 | 501 | 533 | 19 | 12 | 12 | 13 | 12 | 15 | 15 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | | | | | | |
| 1611 | Highway and street construction ---- | 66 | 1 041 | 689 | 1 178 | 1 415 | 883 | 20 | 7 | 5 | 6 | 9 | 7 | 7 |
| 162 | Heavy construction, except highway: | | | | | | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | *8 | 172 | 98 | 169 | 264 | 159 | 50 | 25 | 27 | 16 | 31 | 23 | 23 |
| 1623 | Water, sewer, and utility lines ----- | 37 | 716 | 598 | 660 | 758 | 848 | 23 | 12 | 14 | 10 | 11 | 12 | 12 |
| 1629 | Heavy construction, n.e.c. ----- | 111 | 865 | 747 | 843 | 943 | 927 | 15 | 7 | 6 | 7 | 9 | 6 | 6 |
| 17 | Special trade contractors: | | | | | | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 192 | 662 | 610 | 627 | 699 | 711 | 6 | 7 | 8 | 7 | 7 | 9 | 9 |
| 1721 | Painting and paper hanging ----- | 79 | 254 | 166 | 274 | 318 | 256 | 6 | 14 | 12 | 14 | 17 | 17 | 17 |
| 1731 | Electrical work ----- | 168 | 891 | 870 | 847 | 898 | 948 | 2 | 4 | 4 | 4 | 5 | 6 | 6 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 50 | 198 | 184 | 176 | (S) | 213 | 8 | 12 | 14 | 10 | (S) | 18 | 18 |
| 1742 | Plastering, drywall, and insulation work ----- | 55 | 245 | 180 | 264 | 221 | 315 | 21 | 15 | 9 | 18 | 22 | 12 | 12 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | *17 | 22 | *26 | *30 | 17 | 13 | 46 | 36 | 58 | 51 | 14 | (Z) | (Z) |
| 175 | Carpentry and floor work: | | | | | | | | | | | | | |
| 1751 | Carpentry ----- | 74 | 158 | 156 | 172 | 175 | 129 | 11 | 16 | 17 | 15 | 15 | 17 | 17 |
| 1752 | Floor laying and other floor work -- | 17 | 32 | 24 | 31 | 40 | 34 | 11 | 6 | 6 | 4 | 5 | 4 | 4 |
| 1761 | Roofing, siding, and sheet metal work ----- | 53 | 395 | 323 | 357 | 485 | 415 | 10 | 19 | 17 | 18 | 22 | 16 | 16 |
| 1771 | Concrete work ----- | 73 | 367 | 271 | 409 | 420 | 365 | 9 | 7 | 8 | 7 | 7 | 6 | 6 |
| 1781 | Water well drilling ----- | 20 | 57 | 53 | 61 | 62 | 53 | 11 | 12 | 12 | 14 | 10 | 12 | 12 |
| 179 | Miscellaneous special trade contractors: | | | | | | | | | | | | | |
| 1791 | Structural steel erection ----- | 6 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1793 | Glass and glazing work ----- | 3 | (D) | (D) | (D) | (D) | (D) | (Z) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1794 | Excavation work ----- | 42 | *129 | 80 | *142 | *149 | *147 | 27 | 41 | 37 | 44 | 43 | 41 | 41 |
| 1795 | Wrecking and demolition work ----- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1796 | Installing building equipment, n.e.c. ----- | *9 | 40 | 37 | 39 | 46 | 37 | 61 | 26 | 30 | 28 | 24 | 15 | 15 |
| 1799 | Special trade contractors, n.e.c. --- | 97 | 528 | 481 | 556 | 629 | 447 | 18 | 12 | 11 | 12 | 14 | 11 | 11 |

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

Table 10. Selected Industry Ratios for Establishments With Payroll in This State: 1992

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

| SIC code | Industry | Average number of employees** per establishment | Payroll per employee (\$1,000) | Value of construction work per construction worker (\$1,000) | Average per dollar value of construction work | | | | |
|-------------------|--|---|--------------------------------|--|---|--|--|--|---|
| | | | | | Payroll, all employees | Cost of materials, components, supplies, and fuels | Cost of construction work sub-contracted out to others | Value of construction work sub-contracted in from others | Rental cost for machinery, equipment, and buildings |
| 15, 16, 17 | Construction industries ----- | 6.5 | 21.5 | 101.6 | .257 | .347 | .189 | .212 | .027 |
| 15 | Building construction—General contractors and operative builders: | | | | | | | | |
| 152 | General contractors, residential buildings: | | | | | | | | |
| 1521 | Single-family houses ----- | 4.0 | 17.0 | 110.3 | .189 | .398 | .267 | .036 | (S) |
| 1522 | Other residential buildings ----- | *5.0 | 22.8 | *106.0 | *.248 | *.125 | *.455 | — | .005 |
| 1531 | Operative builders ----- | (S) | (S) | (S) | (S) | .331 | .383 | (S) | (S) |
| 154 | General contractors, nonresidential buildings: | | | | | | | | |
| 1541 | Industrial buildings and warehouses ----- | 21.2 | 33.2 | 132.6 | .299 | .186 | .316 | .072 | .044 |
| 1542 | Nonresidential buildings, n.e.c. ----- | 7.4 | 20.0 | 198.9 | .130 | .226 | .570 | (S) | .012 |
| 16 | Heavy construction other than building construction—contractors: | | | | | | | | |
| 1611 | Highway and street construction ----- | 18.4 | 25.7 | 125.9 | .240 | .348 | .163 | .122 | .044 |
| 162 | Heavy construction, except highway: | | | | | | | | |
| 1622 | Bridge, tunnel, and elevated highway construction ----- | 27.8 | 21.0 | 118.4 | .217 | .348 | .248 | .174 | .025 |
| 1623 | Water, sewer, and utility lines ----- | 23.0 | 22.1 | 95.3 | .279 | .404 | .078 | .169 | .047 |
| 1629 | Heavy construction, n.e.c. ----- | 9.4 | 28.8 | 96.6 | .358 | .250 | .106 | .090 | .059 |
| 17 | Special trade contractors: | | | | | | | | |
| 1711 | Plumbing, heating, and air-conditioning ----- | 4.6 | 22.8 | 121.9 | .248 | .430 | .099 | .365 | .015 |
| 1721 | Painting and paper hanging ----- | 3.7 | (D) | 43.3 | (D) | (D) | (D) | .587 | .008 |
| 1731 | Electrical work ----- | 6.9 | 25.1 | 95.3 | .341 | .411 | .035 | .473 | .018 |
| 174 | Masonry, stonework, tile setting, and plastering: | | | | | | | | |
| 1741 | Masonry, stone setting, and other stonework ----- | 4.6 | 13.9 | 58.7 | .273 | .276 | .031 | .706 | .009 |
| 1742 | Plastering, drywall, and insulation work ----- | 5.5 | 20.2 | 74.8 | .336 | .324 | .014 | .564 | .023 |
| 1743 | Terrazzo, tile, marble, and mosaic work ----- | 1.7 | 17.3 | 83.9 | .273 | .416 | *.022 | .954 | .017 |
| 175 | Carpentry and floor work: | | | | | | | | |
| 1751 | Carpentry ----- | 2.4 | 15.4 | 56.4 | .301 | (S) | (S) | .531 | .005 |
| 1752 | Floor laying and other floor work ----- | 2.2 | 11.1 | 47.1 | .271 | .557 | .043 | .588 | .024 |
| 1761 | Roofing, siding, and sheet metal work ----- | 8.7 | 14.9 | 60.2 | .287 | .508 | .057 | .532 | .012 |
| 1771 | Concrete work ----- | 5.6 | 17.7 | (D) | (D) | (D) | (D) | (D) | (D) |
| 1781 | Water well drilling ----- | 3.7 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 179 | Miscellaneous special trade contractors: | | | | | | | | |
| 1791 | Structural steel erection ----- | 6.8 | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1793 | Glass and glazing work ----- | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 1794 | Excavation work ----- | 3.5 | 17.0 | 78.5 | .248 | .240 | *.082 | .432 | .022 |
| 1795 | Wrecking and demolition work ----- | — | — | — | — | — | — | — | — |
| 1796 | Installing building equipment, n.e.c. ----- | (D) | (D) | 97.9 | (D) | .350 | — | (D) | (D) |
| 1799 | Special trade contractors, n.e.c. ----- | 6.3 | 12.6 | 43.9 | .331 | .400 | .127 | .318 | .052 |

Table 11. Selected Statistics for Establishments With Payroll for Selected Metropolitan Areas: 1992

[Not applicable]

Appendix A.

Explanation of Terms

Construction. Is composed of three broad categories:

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

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

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

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

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

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

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

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

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

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

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

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

Dollar value of business done comprises the following detail:

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

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

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

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

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

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

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

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

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

Costs for materials, components, and supplies include:

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

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

Excluded from this item are:

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

Costs for construction work subcontracted out to others include:

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

Excluded from this item are:

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

Costs for selected power, fuels, and lubricants include:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Building construction:

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

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

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

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

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

Appendix C. Geographic Divisions and States

NEW ENGLAND STATES

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

MIDDLE ATLANTIC STATES

New Jersey
New York
Pennsylvania

EAST NORTH CENTRAL STATES

Illinois
Indiana
Michigan
Ohio
Wisconsin

WEST NORTH CENTRAL STATES

Iowa
Kansas
Minnesota
Missouri
Nebraska
North Dakota
South Dakota

SOUTH ATLANTIC STATES

Delaware
District of Columbia
Florida
Georgia
Maryland

SOUTH ATLANTIC STATES—Con.

North Carolina
South Carolina
Virginia
West Virginia

EAST SOUTH CENTRAL STATES

Alabama
Kentucky
Mississippi
Tennessee

WEST SOUTH CENTRAL STATES

Arkansas
Louisiana
Oklahoma
Texas

MOUNTAIN STATES

Arizona
Colorado
Idaho
Montana
Nevada
New Mexico
Utah
Wyoming

PACIFIC STATES

Alaska
California
Hawaii
Oregon
Washington

Appendix D. Metropolitan Areas

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

Abilene, TX MSA

Taylor County, TX

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

Albany, GA MSA

Dougherty County, GA
Lee County, GA

Albany–Schenectady–Troy, NY MSA

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

Albuquerque, NM MSA

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

Alexandria, LA MSA

Rapides Parish, LA

Allentown–Bethlehem–Easton, PA MSA

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

Altoona, PA MSA

Blair County, PA

Amarillo, TX MSA

Potter County, TX
Randall County, TX

Anchorage, AK MSA

Anchorage Borough, AK

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

Anniston, AL MSA

Calhoun County, AL

Appleton–Oshkosh–Neenah, WI MSA

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

Asheville, NC MSA

Buncombe County, NC
Madison County, NC

Athens, GA MSA

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

Atlanta, GA MSA

Barrow County, GA
Bartow County, GA

Atlanta, GA MSA—Con.

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

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

Augusta–Aiken, GA–SC MSA

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

Austin–San Marcos, TX MSA

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

Bakersfield, CA MSA

Kern County, CA

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

Bangor, ME MSA

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

Bangor, ME MSA—Con.

Waldo County, ME (part)
Winterport town, ME

Barnstable–Yarmouth, MA MSA

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

Baton Rouge, LA MSA

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

Beaumont–Port Arthur, TX MSA

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

Bellingham, WA MSA

Whatcom County, WA

Benton Harbor, MI MSA

Berrien County, MI

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

Billings, MT MSA

Yellowstone County, MT

Biloxi–Gulfport–Pascagoula, MS MSA

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

Binghamton, NY MSA

Broome County, NY
Tioga County, NY

Birmingham, AL MSA

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

Bismarck, ND MSA

Burleigh County, ND
Morton County, ND

Bloomington, IN MSA

Monroe County, IN

Bloomington–Normal, IL MSA
McLean County, IL

Boise City, ID MSA
Ada County, ID
Canyon County, ID

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

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

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

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

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

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

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

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

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

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

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

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

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

Burlington, VT MSA—Con.

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

Canton–Massillon, OH MSA

Carroll County, OH
 Stark County, OH

Casper, WY MSA

Natrona County, WY

Cedar Rapids, IA MSA

Linn County, IA

Champaign–Urbana, IL MSA

Champaign County, IL

Charleston–North Charleston, SC MSA

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

Charleston, WV MSA

Kanawha County, WV
 Putnam County, WV

Charlotte–Gastonia–Rock Hill, NC–SC MSA

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

Charlottesville, VA MSA

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

Chattanooga, TN–GA MSA

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

Cheyenne, WY MSA

Laramie County, WY

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

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

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

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

Fort Walton Beach, FL MSA
Okaloosa County, FL

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

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

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

Gadsden, AL MSA
Etowah County, AL

Gainesville, FL MSA
Alachua County, FL

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

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

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

Goldsboro, NC MSA
Wayne County, NC

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

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

Great Falls, MT MSA
Cascade County, MT

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

Green Bay, WI MSA
Brown County, WI

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

Greenville, NC MSA
Pitt County, NC

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

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

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

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

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

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

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

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

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

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

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

Honolulu, HI MSA
Honolulu County, HI

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

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

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

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

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

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

Iowa City, IA MSA
Johnson County, IA

Jackson, MI MSA
Jackson County, MI

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

Jackson, TN MSA
Madison County, TN

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

Jacksonville, NC MSA
Onslow County, NC

Jamestown, NY MSA
Chautauqua County, NY

Janesville—Beloit, WI MSA
Rock County, WI

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

Johnson City–Kingsport–Bristol, TN–VA MSA

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

Johnstown, PA MSA

Cambria County, PA
Somerset County, PA

Joplin, MO MSA

Jasper County, MO
Newton County, MO

Kalamazoo–Battle Creek, MI MSA

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

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

Kansas City, MO–KS MSA

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

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

Killeen–Temple, TX MSA

Bell County, TX
Coryell County, TX

Knoxville, TN MSA

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

Kokomo, IN MSA

Howard County, IN
Tipton County, IN

La Crosse, WI–MN MSA

Houston County, MN
La Crosse County, WI

Lafayette, LA MSA

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

Lafayette, IN MSA

Clinton County, IN
Tippecanoe County, IN

Lake Charles, LA MSA

Calcasieu Parish, LA

Lakeland–Winter Haven, FL MSA

Polk County, FL

Lancaster, PA MSA

Lancaster County, PA

Lansing–East Lansing, MI MSA

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

Laredo, TX MSA

Webb County, TX

Las Cruces, NM MSA

Dona Ana County, NM

Las Vegas, NV–AZ MSA

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

Lawrence, KS MSA

Douglas County, KS

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

Lawton, OK MSA

Comanche County, OK

Lewiston–Auburn, ME MSA

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

Lexington, KY MSA

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

Lima, OH MSA

Allen County, OH
Auglaize County, OH

Lincoln, NE MSA

Lancaster County, NE

Little Rock–North Little Rock, AR MSA

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

Longview–Marshall, TX MSA

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

Los Angeles–Riverside–Orange County, CA CMSA

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

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

Louisville, KY–IN MSA

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

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

Lubbock, TX MSA

Lubbock County, TX

Lynchburg, VA MSA

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

Macon, GA MSA

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

Madison, WI MSA

Dane County, WI

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

Mansfield, OH MSA

Crawford County, OH
Richland County, OH

McAllen–Edinburg–Mission, TX MSA

Hidalgo County, TX

Medford–Ashland, OR MSA

Jackson County, OR

Melbourne–Titusville–Palm Bay, FL MSA

Brevard County, FL

Memphis, TN–AR–MS MSA

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

Merced, CA MSA

Merced County, CA

Miami–Fort Lauderdale, FL CMSA

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

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

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

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

Milwaukee–Racine, WI CMSA

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

Milwaukee-Racine, WI CMSA—Con.

Racine, WI PMSA
Racine County, WI

Minneapolis-St. Paul, MN-WI MSA

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

Mobile, AL MSA

Baldwin County, AL
Mobile County, AL

Modesto, CA MSA

Stanislaus County, CA

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

Monroe, LA MSA

Ouachita Parish, LA

Montgomery, AL MSA

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

Muncie, IN MSA

Delaware County, IN

Myrtle Beach, SC MSA

Horry County, SC

Naples, FL MSA

Collier County, FL

Nashua, NH PMSA—see Boston-

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

Nashville, TN MSA

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

Nassau-Suffolk, NY PMSA—see New

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

New Bedford, MA PMSA—see Boston-

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

New Haven-Meriden, CT PMSA—see New

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

New London-Norwich, CT-RI MSA

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

New London-Norwich, CT-RI MSA—Con.

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

New Orleans, LA MSA

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

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

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

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

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

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

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

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

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

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

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

Ocala, FL MSA

Marion County, FL

Odessa–Midland, TX MSA

Ector County, TX
 Midland County, TX

Oklahoma City, OK MSA

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

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

Omaha, NE–IA MSA

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

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

Orlando, FL MSA

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

Owensboro, KY MSA

Daviess County, KY

Panama City, FL MSA

Bay County, FL

Parkersburg–Marietta, WV–OH MSA

Washington County, OH
 Wood County, WV

Pensacola, FL MSA

Escambia County, FL
 Santa Rosa County, FL

Peoria–Pekin, IL MSA

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

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

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

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

Philadelphia, PA–NJ PMSA

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

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

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

Phoenix–Mesa, AZ MSA

Maricopa County, AZ
 Pinal County, AZ

Pine Bluff, AR MSA

Jefferson County, AR

Pittsburgh, PA MSA

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

Pittsfield, MA MSA

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

Portland, ME MSA

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

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

Portland–Salem, OR–WA CMSA

Portland–Vancouver, OR–WA PMSA

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

Salem, OR PMSA

Marion County, OR
 Polk County, OR

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

Providence–Fall River–Warwick, RI–MA MSA

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

Provo–Orem, UT MSA

Utah County, UT

Pueblo, CO MSA

Pueblo County, CO

Punta Gorda, FL MSA

Charlotte County, FL

- Racine, WI PMSA—see Milwaukee–Racine, WI CMSA**
- Raleigh–Durham–Chapel Hill, NC MSA**
 Chatham County, NC
 Durham County, NC
 Franklin County, NC
 Johnston County, NC
 Orange County, NC
 Wake County, NC
- Rapid City, SD MSA**
 Pennington County, SD
- Reading, PA MSA**
 Berks County, PA
- Redding, CA MSA**
 Shasta County, CA
- Reno, NV MSA**
 Washoe County, NV
- Richland–Kennewick–Pasco, WA MSA**
 Benton County, WA
 Franklin County, WA
- Richmond–Petersburg, VA MSA**
 Charles City County, VA
 Chesterfield County, VA
 Dinwiddie County, VA
 Goochland County, VA
 Hanover County, VA
 Henrico County, VA
 New Kent County, VA
 Powhatan County, VA
 Prince George County, VA
 Colonial Heights city, VA
 Hopewell city, VA
 Petersburg city, VA
 Richmond city, VA
- Riverside–San Bernardino, CA PMSA—see Los Angeles–Riverside–Orange County, CA CMSA**
- Roanoke, VA MSA**
 Botetourt County, VA
 Roanoke County, VA
 Roanoke city, VA
 Salem city, VA
- Rochester, MN MSA**
 Olmsted County, MN
- Rochester, NY MSA**
 Genesee County, NY
 Livingston County, NY
 Monroe County, NY
 Ontario County, NY
 Orleans County, NY
 Wayne County, NY
- Rockford, IL MSA**
 Boone County, IL
 Ogle County, IL
 Winnebago County, IL
- Rocky Mount, NC MSA**
 Edgecombe County, NC
 Nash County, NC
- Sacramento, CA PMSA—see Sacramento–Yolo, CA CMSA**
- Sacramento–Yolo, CA CMSA**
 Sacramento, CA PMSA
 El Dorado County, CA
 Placer County, CA
 Sacramento County, CA
 Yolo, CA PMSA
 Yolo County, CA
- Saginaw–Bay City–Midland, MI MSA**
 Bay County, MI
 Midland County, MI
 Saginaw County, MI
- St. Cloud, MN MSA**
 Benton County, MN
 Stearns County, MN
- St. Joseph, MO MSA**
 Andrew County, MO
 Buchanan County, MO
- St. Louis, MO–IL MSA**
 Clinton County, IL
 Jersey County, IL
 Madison County, IL
 Monroe County, IL
 St. Clair County, IL
 Franklin County, MO
 Jefferson County, MO
 Lincoln County, MO
 St. Charles County, MO
 St. Louis County, MO
 Warren County, MO
 St. Louis city, MO
- Salem, OR PMSA—see Portland–Salem, OR–WA CMSA**
- Salinas, CA MSA**
 Monterey County, CA
- Salt Lake City–Ogden, UT MSA**
 Davis County, UT
 Salt Lake County, UT
 Weber County, UT
- San Angelo, TX MSA**
 Tom Green County, TX
- San Antonio, TX MSA**
 Bexar County, TX
 Comal County, TX
 Guadalupe County, TX
 Wilson County, TX
- San Diego, CA MSA**
 San Diego County, CA
- San Francisco, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA**
- San Francisco–Oakland–San Jose, CA CMSA**
 Oakland, CA PMSA
 Alameda County, CA
 Contra Costa County, CA
 San Francisco, CA PMSA
 Marin County, CA
 San Francisco County, CA
 San Mateo County, CA
 San Jose, CA PMSA
 Santa Clara County, CA
 Santa Cruz–Watsonville, CA PMSA
 Santa Cruz County, CA
 Santa Rosa, CA PMSA
 Sonoma County, CA
 Vallejo–Fairfield–Napa, CA PMSA
 Napa County, CA
 Solano County, CA
- San Jose, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA**
- San Luis Obispo–Atascadero–Paso Robles, CA MSA**
 San Luis Obispo County, CA
- Santa Barbara–Santa Maria–Lompoc, CA MSA**
 Santa Barbara County, CA
- Santa Cruz–Watsonville, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA**
- Santa Fe, NM MSA**
 Los Alamos County, NM
 Santa Fe County, NM
- Santa Rosa, CA PMSA—see San Francisco–Oakland–San Jose, CA CMSA**
- Sarasota–Bradenton, FL MSA**
 Manatee County, FL
 Sarasota County, FL
- Savannah, GA MSA**
 Bryan County, GA
 Chatham County, GA
 Effingham County, GA
- Scranton–Wilkes-Barre–Hazleton, PA MSA**
 Columbia County, PA
 Lackawanna County, PA
 Luzerne County, PA
 Wyoming County, PA
- Seattle–Bellevue–Everett, WA PMSA—see Seattle–Tacoma–Bremerton, WA CMSA**
- Seattle–Tacoma–Bremerton, WA CMSA**
 Bremerton, WA PMSA
 Kitsap County, WA
 Olympia, WA PMSA
 Thurston County, WA
 Seattle–Bellevue–Everett, WA PMSA
 Island County, WA
 King County, WA
 Snohomish County, WA
 Tacoma, WA PMSA
 Pierce County, WA
- Sharon, PA MSA**
 Mercer County, PA
- Sheboygan, WI MSA**
 Sheboygan County, WI
- Sherman–Denison, TX MSA**
 Grayson County, TX
- Shreveport–Bossier City, LA MSA**
 Bossier Parish, LA
 Caddo Parish, LA
 Webster Parish, LA
- Sioux City, IA–NE MSA**
 Woodbury County, IA
 Dakota County, NE
- Sioux Falls, SD MSA**
 Lincoln County, SD
 Minnehaha County, SD
- South Bend, IN MSA**
 St. Joseph County, IN
- Spokane, WA MSA**
 Spokane County, WA
- Springfield, IL MSA**
 Menard County, IL
 Sangamon County, IL
- Springfield, MO MSA**
 Christian County, MO
 Greene County, MO
 Webster County, MO
- Springfield, MA MSA**
 Franklin County, MA (part)
 Sunderland town, MA
 Hampden County, MA (part)
 Agawam city, MA
 Chicopee city, MA

Springfield, MA MSA—Con.

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

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

State College, PA MSA

Centre County, PA

Steubenville–Weirton, OH–WV MSA

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

Stockton–Lodi, CA MSA

San Joaquin County, CA

Sumter, SC MSA

Sumter County, SC

Syracuse, NY MSA

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

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

Tallahassee, FL MSA

Gadsden County, FL
 Leon County, FL

Tampa–St. Petersburg–Clearwater, FL MSA

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

Terre Haute, IN MSA

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

Texarkana, TX–Texarkana, AR MSA

Miller County, AR
 Bowie County, TX

Toledo, OH MSA

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

Topeka, KS MSA

Shawnee County, KS

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

Tucson, AZ MSA

Pima County, AZ

Tulsa, OK MSA

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

Tuscaloosa, AL MSA

Tuscaloosa County, AL

Tyler, TX MSA

Smith County, TX

Utica–Rome, NY MSA

Herkimer County, NY
 Oneida County, NY

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

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

Victoria, TX MSA

Victoria County, TX

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

Visalia–Tulare–Porterville, CA MSA

Tulare County, CA

Waco, TX MSA

McLennan County, TX

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

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

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

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

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

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

Waterloo–Cedar Falls, IA MSA

Black Hawk County, IA

Wausau, WI MSA

Marathon County, WI

West Palm Beach–Boca Raton, FL MSA

Palm Beach County, FL

Wheeling, WV–OH MSA

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

Wichita, KS MSA

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

Wichita Falls, TX MSA

Archer County, TX
 Wichita County, TX

Williamsport, PA MSA

Lycoming County, PA

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

Wilmington, NC MSA

Brunswick County, NC
 New Hanover County, NC

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

Yakima, WA MSA

Yakima County, WA

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

York, PA MSA

York County, PA

Youngstown–Warren, OH MSA

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

Yuba City, CA MSA

Sutter County, CA
 Yuba County, CA

Yuma, AZ MSA

Yuma County, AZ

Publication Program

1992 CENSUS OF CONSTRUCTION INDUSTRIES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(Available November 1995) [P] [C]

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

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

OTHER ECONOMIC CENSUS REPORTS

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

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

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

HOW TO ORDER DATA PRODUCTS

Order forms for the specific reports and other data products may be obtained from 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.