

1992

Census of

Construction Industries

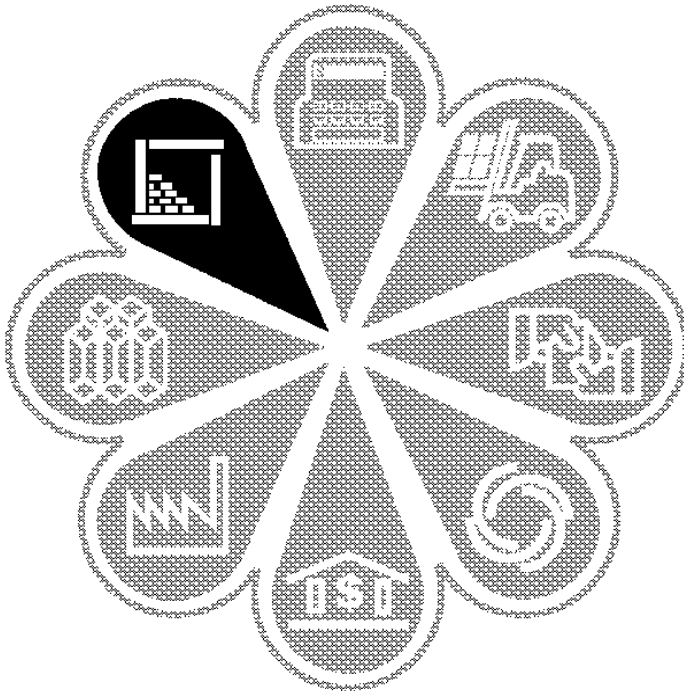
CC92-A-2

GEOGRAPHIC AREA SERIES

Middle Atlantic

States

New Jersey, New York, Pennsylvania



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.

1992 Census of Construction Industries

CC92-A-2

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Middle Atlantic States

New Jersey, New York, Pennsylvania

Issued April 1996



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Contents

Middle Atlantic States

	Page
Introduction to the Economic Census	IV
Census of Construction	VI
Users' Guide for Locating Statistics in This Report by Table Number	XI
Map—Regions and Census Divisions of the United States	XIII
 STATES	
New Jersey	NJ-1
New York	NY-1
Pennsylvania	PA-1
 APPENDIXES	
A. Explanation of Terms	A-1
B. Standard Industrial Classification Titles for Industry Groups and Industries	B-1
C. Geographic Divisions and States	C-1
D. Metropolitan Areas	D-1
<hr/>	
Publication Program	Inside back cover

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

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

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

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

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

AUTHORITY AND SCOPE

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

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

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.



Contents

New Jersey

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

	Page
Summary of Findings	2

FIGURES

1. Value of Construction Work by Type of Construction	3
2. Selected Costs per Dollar Value of Business Done	3

TABLES

Statistics for Establishments With and Without Payroll

1. Summary Statistics by Industry: 1992 and 1987	5
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Statistics for Establishments With Payroll

2. General Statistics by Industry: 1992 and 1987	6
3. Detailed Statistics: 1992 and Earlier Census Years	8
4. Assets, Capital Expenditures, and Depreciation: 1992 and 1987	9
5. Value of Inventories: 1992 and 1991	9
6. Selected Statistics by Employment Size Class: 1992 and 1987	10
7. Selected Statistics by Size Class of Dollar Value of Business Done: 1992 and 1987	10
8. Value of Construction Work by Type of Construction: 1992 and 1987	11
9. Quarterly Construction Worker Employment by Industry: 1992	12
10. Selected Industry Ratios in This State: 1992	13
11. Selected Statistics for Selected Metropolitan Areas: 1992	14

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for New Jersey. 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 56,627 establishments in this State operating in the construction industries. These establishments accounted for \$18.3 billion in total dollar value of business done.

Most of the 56,627 construction establishments were small. Of the total, 36,984 were nonemployers, and over half of the employer establishments had less than 5 employees. The 6,263 construction establishments with 5 employees or more, while representing only 11 percent of all establishments, accounted for more than 78 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$16.8 billion in total dollar value of business done. Of this amount, \$16.5 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 \$13.0 billion. In addition, these establishments paid out \$5.4 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 \$8.4 billion. (See Introduction and appendixes for explanation of terms.)

There were 19,643 establishments with total employment averaging 131,376 during the year. Total payroll for 1992 was \$4.0 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 36,984 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$1.5 billion. 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 

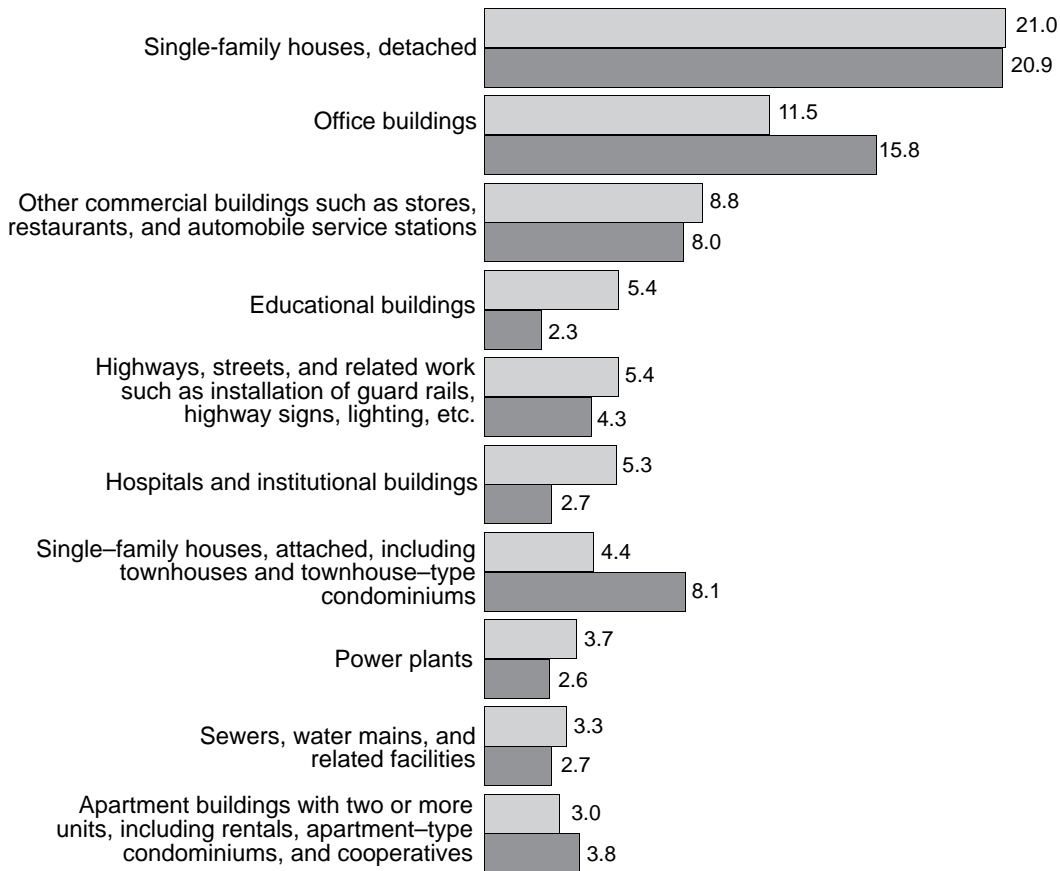




Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

1992 
1987 

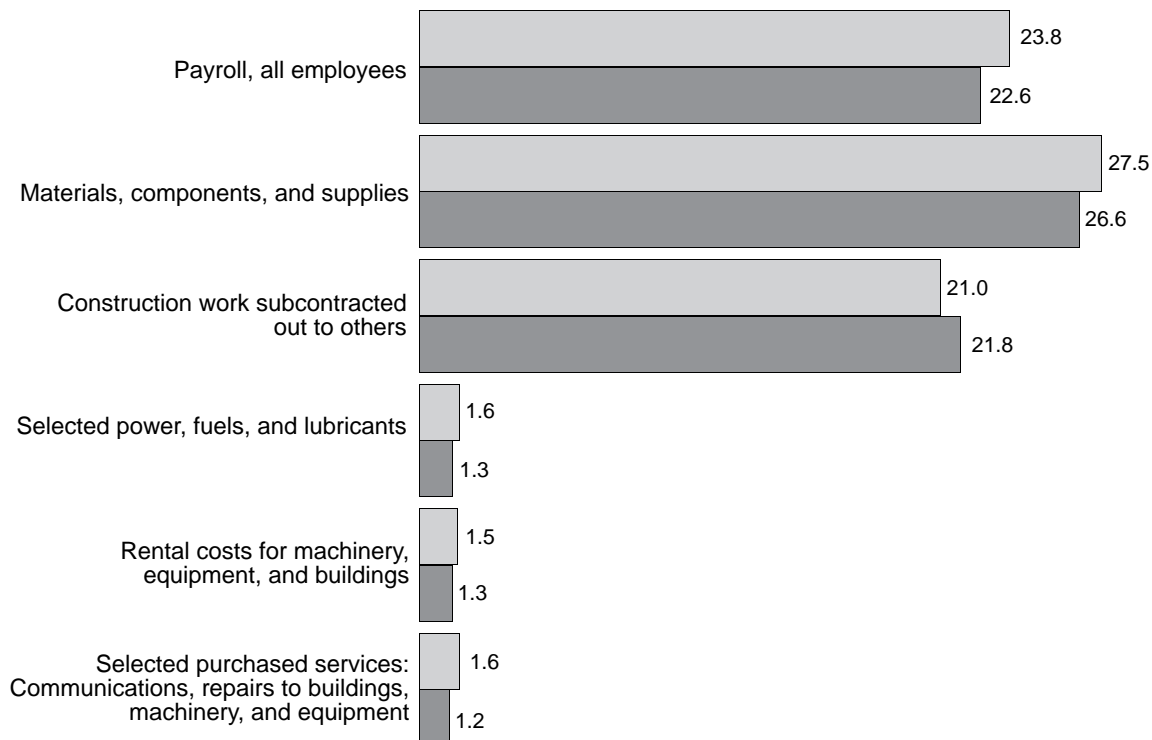


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

[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			J
1992															
15, 16, 17	Construction industries -----	56 627	39 956	131 376	18 300 743	36 984	34 329	1 451 127	19 643	5 627	131 376	16 849 616	1	1	
15	Building construction—General contractors and operative builders ----	11 705	6 488	30 235	6 716 989	6 397	5 086	515 379	5 308	1 402	30 235	6 201 610	1	2	
16	Heavy construction other than building construction—contractors -----	1 316	402	18 711	2 895 075	377	308	18 809	939	94	18 711	2 876 266	1	1	
17	Special trade contractors -----	43 606	33 066	82 430	8 688 678	30 210	28 935	916 939	13 396	4 131	82 430	7 771 739	1	1	
1711	Plumbing, heating, and air-conditioning --	6 343	3 797	18 189	2 110 995	3 312	3 087	128 328	3 031	710	18 189	1 982 667	1	1	
1731	Electrical work -----	5 053	2 917	15 640	1 556 603	2 730	2 330	72 246	2 323	587	15 640	1 484 357	1	1	
1987															
15, 16, 17	Construction industries ² -----	59 711	39 957	187 617	24 289 173	37 463	35 525	3 058 776	22 248	4 432	187 617	21 230 397	1	1	
15	Building construction—General contractors and operative builders ----	14 087	7 342	46 275	10 048 705	7 861	6 490	1 110 306	6 226	852	46 275	8 938 399	1	1	
16	Heavy construction other than building construction—contractors -----	1 283	370	24 835	2 736 155	295	274	33 390	988	96	24 835	2 702 765	1	1	
17	Special trade contractors -----	43 285	31 481	114 084	10 418 427	28 469	28 016	1 220 010	14 816	3 465	114 084	9 198 417	1	1	
1711	Plumbing, heating, and air-conditioning --	5 922	3 522	23 788	2 339 955	2 882	2 830	149 623	3 040	692	23 788	2 190 332	1	2	
1731	Electrical work -----	4 312	2 365	20 708	1 592 688	2 066	1 917	78 332	2 246	448	20 708	1 514 356	1	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.....	19 643	131 376	99 149	4 009 157	2 799 092	16 492 684	12 951 750	8 401 275
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses.....	3 394	10 282	7 633	202 575	140 893	1 152 543	862 965	471 768
1522	Other residential buildings.....	213	1 438	1 072	44 818	26 770	249 688	175 532	106 392
1531	Operative builders.....	559	4 058	1 588	122 571	36 441	1 472 728	958 805	648 651
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses.....	270	4 347	3 132	128 506	80 206	661 275	389 547	261 789
1542	Nonresidential buildings, n.e.c.....	872	10 110	6 946	348 267	211 512	2 506 283	1 257 986	805 954
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction.....	335	5 671	4 563	209 177	158 444	862 976	696 549	430 226
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction.....	24	1 067	846	48 780	35 824	169 713	146 054	94 691
1623	Water, sewer, and utility lines.....	223	4 967	4 040	199 617	149 056	688 829	610 053	437 381
1629	Heavy construction, n.e.c.....	358	7 005	5 344	273 413	193 031	1 033 561	907 840	733 164
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning.....	3 031	18 189	13 087	597 787	413 598	1 963 728	1 716 376	1 045 994
1721	Painting and paper hanging.....	1 049	4 130	3 523	89 769	70 937	250 453	232 508	175 312
1731	Electrical work.....	2 323	15 640	12 057	537 554	405 524	1 478 927	1 419 148	907 271
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework.....	903	4 432	3 710	99 212	76 453	334 767	302 850	198 229
1742	Plastering, drywall, and insulation work.....	436	5 106	4 240	167 067	128 180	444 705	398 241	274 721
1743	Terrazzo, tile, marble, and mosaic work.....	207	786	636	23 074	16 796	78 328	68 220	43 067
175	Carpentry and floor work:								
1751	Carpentry.....	1 558	5 305	4 173	121 704	87 854	544 315	446 526	250 118
1752	Floor laying and other floor work.....	318	1 613	1 231	42 199	29 134	152 643	139 688	79 688
1761	Roofing, siding, and sheet metal work.....	1 024	5 735	4 542	154 364	113 240	514 484	465 557	283 670
1771	Concrete work.....	585	3 788	3 194	101 896	79 144	337 570	313 709	182 542
1781	Water well drilling.....	75	491	374	15 479	10 726	58 839	52 910	32 482
179	Miscellaneous special trade contractors:								
1791	Structural steel erection.....	131	2 834	2 326	84 803	62 406	267 848	236 210	171 584
1793	Glass and glazing work.....	156	1 063	737	30 393	19 832	99 102	94 848	54 188
1794	Excavation work.....	463	2 215	1 773	59 766	46 050	198 211	177 315	127 812
1795	Wrecking and demolition work.....	37	745	601	18 811	12 493	75 765	68 369	54 741
1796	Installing building equipment, n.e.c.....	138	2 814	2 015	101 659	72 363	324 809	295 763	184 069
1799	Special trade contractors, n.e.c.....	963	7 546	5 768	185 899	122 186	570 594	518 179	345 771

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	
4 907 406	3 540 934	4 407 998	254 758	187 672	2 188 132	187 617	20 064 340	10 165 521	1	1	3	15, 16, 17
403 302 71 674	289 578 74 156	65 983 *21 429	10 820 2 711	9 176 *947	120 506 23 535	16 262 2 477	1 709 637 336 878	703 419 113 019	3 10	4 9	13 64	152 1522
383 802	513 923	4 659	4 912	8 833	122 022	8 311	2 570 031	1 022 611	4	6	10	1531
134 252 516 344	271 728 1 248 298	44 012 94 308	4 854 22 374	4 251 11 257	37 817 127 921	3 915 15 310	696 373 2 899 495	227 424 942 045	3 2	3 2	5 13	154 1542
284 657	166 427	192 844	28 662	23 568	285 389	7 016	838 067	469 724	2	2	3	1611
54 835 182 420 264 310	23 659 78 776 125 721	12 518 112 398 226 382	6 315 26 075 19 510	1 873 15 954 20 585	37 980 190 930 212 604	1 581 5 343 10 895	213 386 547 106 952 518	123 530 348 243 755 047	1 3 3	1 2 2	8 6 8	162 1622 1623 1629
689 322	247 352	830 128	30 415	19 895	211 192	23 788	2 167 859	1 155 305	1	1	8	1711
60 299 517 306	17 944 59 779	110 560 672 603	5 578 19 506	3 815 15 214	33 906 140 809	5 141 20 708	275 169 1 504 610	198 969 941 688	4 1	3 1	15 7	1721 1731
(D) 126 479 26 483	31 916 46 464 (S)	228 913 390 026 61 492	5 111 4 405 1 410	2 327 6 673 943	48 962 40 790 8 666	7 618 7 278 1 763	554 816 624 373 122 814	328 876 368 401 73 709	5 4 9	4 5 8	25 9 33	174 1742 1743
199 763 61 475	97 790 12 955	242 235 92 307	7 607 2 815	5 604 1 137	41 916 10 924	7 873 2 286	525 130 206 531	291 625 107 962	4 4	7 5	16 23	175 1751 1752
182 022	48 927	222 736	6 587	4 167	63 749	9 027	715 806	417 441	3	3	15	1761
135 358	23 861	185 110	7 236	6 867	84 518	6 635	528 415	299 478	4	4	21	1771
20 463	5 929	9 744	738	840	19 106	566	49 814	29 011	5	5	14	1781
69 093 44 390 52 410 (D)	31 638 4 253 20 896 (S)	117 837 71 653 110 322 35 964	5 728 2 485 7 624 2 119	2 715 672 8 786 *1 240	38 509 13 867 149 748 8 659	2 808 1 641 4 887 683	228 986 159 384 451 989 47 875	176 422 82 756 304 501 39 988	5 8 6 4	1 6 6 6	7 29 22 65	179 1791 1793 1794 1795
112 968 189 105	29 046 52 414	64 880 186 953	4 863 14 299	1 327 9 006	23 396 90 711	3 084 8 298	339 190 561 759	224 164 347 105	1 4	1 4	1 17	(Z) 1796 1799

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW JERSEY NJ-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	19 643	22 248	15 530	15 388	(Z)	1	1	2
Proprietors and working partners.....	5 627	4 432	4 009	6 504	2	4	4	4
All employees**	131 376	187 617	121 467	115 043	1	1	1	1
Construction workers:								
March.....	90 137	132 722	84 208	79 229	1	1	1	1
May.....	100 724	148 790	100 349	101 731	1	1	1	1
August.....	106 712	156 673	106 347	106 993	1	1	1	1
November.....	99 024	148 074	98 087	98 947	1	1	1	1
Average.....	99 149	146 565	98 810	96 806	1	1	1	1
Other employees:								
March.....	32 591	39 958	22 432	17 255	1	1	1	1
May.....	32 178	40 911	(NA)	(NA)	1	1	(NA)	(NA)
August.....	31 928	41 739	(NA)	(NA)	1	1	(NA)	(NA)
November.....	32 211	41 619	(NA)	(NA)	1	1	(NA)	(NA)
Average.....	32 227	41 057	(NA)	(NA)	1	1	(NA)	(NA)
Payroll, all employees	4 009 157	4 788 380	2 279 343	1 493 471	(Z)	(Z)	1	1
Payroll, construction workers	2 799 092	3 363 212	1 765 318	1 185 829	(Z)	(Z)	1	1
Payroll, other employees	1 210 065	1 425 168	514 025	307 643	1	1	1	1
First-quarter payroll, all employees	889 888	1 020 647	483 015	272 613	1	1	1	1
Fringe benefits, all employees	1 045 528	1 090 514	425 440	292 463	1	1	1	(Z)
Legally required expenditures.....	618 951	732 288	326 805	156 679	1	1	1	1
Voluntary expenditures.....	426 577	358 226	98 635	135 783	1	1	1	(Z)
Dollar value of business done	16 849 616	21 230 397	8 940 662	5 655 701	1	1	1	1
Value of construction work	16 492 684	20 064 340	8 718 512	5 489 386	1	1	1	1
Value of construction work subcontracted in from others	4 407 998	4 767 481	2 137 584	1 402 690	2	1	1	1
Other business receipts.....	356 932	675 566	162 062	166 315	2	2	2	3
Net value of construction†	12 951 750	15 427 920	6 871 562	4 258 469	1	1	1	1
Value added††	8 401 275	10 165 521	4 392 823	2 584 532	1	1	1	1
Selected costs	8 448 341	10 574 384	4 487 750	2 999 052	1	1	1	1
Materials, components, and supplies	4 638 799	5 655 665	2 479 330	1 676 547	1	1	1	1
Construction work subcontracted out to others	3 540 934	4 636 419	1 846 949	1 230 916	1	1	1	1
Selected power, fuels, and lubricants.....	268 608	282 299	161 470	91 589	1	1	1	1
Electricity.....	48 373	43 585	24 390	15 150	2	1	2	2
Natural gas.....	14 590	10 239	5 741	4 230	3	2	4	4
Gasoline and diesel fuel	190 985	209 043	121 384	60 142	1	1	1	1
On highway use.....	139 245	162 513	(NA)	(NA)	1	1	(NA)	(NA)
Off highway use.....	51 739	46 530	(NA)	(NA)	2	2	(NA)	(NA)
Other, including lubricating oils and greases.....	14 660	19 431	9 954	12 069	4	2	3	3
Rental cost for machinery, equipment, and buildings	254 758	285 212	119 095	67 513	2	1	1	1
For machinery and equipment	150 364	191 639	90 116	53 160	2	2	1	2
For buildings.....	104 394	93 573	28 979	14 352	2	2	2	2
Selected purchased services	273 703	262 213	127 273	91 261	1	1	1	1
Communication services	95 753	88 756	41 392	31 400	2	2	2	1
Repairs to buildings and other structures	17 341	17 737	9 139	5 187	4	4	3	4
Repairs to machinery and equipment	160 609	155 720	76 741	54 674	2	1	1	2
Ownership of construction projects:								
Value of construction work	16 492 684	20 064 340	8 718 512	5 489 386	1	1	1	1
Government owned	3 769 793	2 651 205	1 725 308	1 126 539	2	2	2	1
Federal	692 121	452 104	(NA)	(NA)	4	3	(NA)	(NA)
State and local	3 077 673	2 199 100	(NA)	(NA)	2	2	(NA)	(NA)
Privately owned	12 722 890	17 413 134	6 993 203	4 362 847	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	2 096 376	1 822 089	2	2
Capital expenditures, other than land	187 672	326 885	3	2
New	145 032	279 666	3	2
Used	42 640	47 218	6	5
Retirements and disposition of depreciable assets	95 916	102 179	8	6
End-of-year gross book value of depreciable assets	2 188 132	2 046 795	2	2
Depreciation charges during year	224 568	268 195	2	2
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets	328 074	428 125	4	6
Capital expenditures, other than land	20 476	42 167	6	5
New buildings and other structures	15 395	28 110	4	5
Used buildings and other structures	(S)	14 056	(S)	12
Retirements and disposition of depreciable assets	6 517	43 765	11	12
End-of-year gross book value of depreciable assets	342 033	426 527	4	5
Depreciation charges during year	26 543	36 449	7	5
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets	1 768 303	1 393 963	2	2
Capital expenditures, other than land	167 196	284 718	3	2
New machinery and equipment, including automobiles and trucks	129 637	251 556	3	3
New automobiles and trucks, intended primarily for highway use	54 610	129 696	4	3
Used machinery and equipment, including automobiles and trucks	37 558	33 161	6	6
Retirements and disposition of depreciable assets	89 399	58 414	9	4
End-of-year gross book value of depreciable assets	1 846 099	1 620 268	2	1
Depreciation charges during year	198 025	231 746	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	19 643	(Z)
Value of construction work	16 492 684	1
Establishments with inventories:		
Number	5 647	2
Value of construction work	5 902 946	1
Inventories ¹ :		
End of 1992, materials and supplies	179 360	6
End of 1991, materials and supplies	182 577	6
Establishments with no inventories:		
Number	7 213	2
Value of construction work	5 596 640	1
Establishments not reporting:		
Number	6 783	2
Value of construction work	4 993 098	1

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	19 643	13 381	3 587	1 549	799	211	91	20	4	2
All employees**	131 376	24 184	22 586	20 377	23 683	14 410	13 246	6 307	6 583	(D)
Payroll, all employees	4 009 157	475 288	586 206	628 056	816 624	520 075	527 607	249 980	205 320	(D)
Dollar value of business done	16 849 616	2 543 206	2 462 172	2 510 294	3 131 815	2 053 997	2 103 860	871 733	1 172 540	(D)
Value of construction work	16 492 684	2 521 726	2 417 676	2 475 135	3 086 855	1 974 539	2 059 025	867 586	1 090 143	(D)
Net value of construction work†	12 951 750	2 095 946	1 942 046	1 986 038	2 388 029	1 454 074	1 516 886	744 596	824 134	(D)
Value added††	8 401 275	1 213 444	1 159 877	1 260 572	1 554 048	1 012 231	1 047 568	506 631	646 904	(D)
Cost of materials, components, supplies, and fuels	4 907 406	903 982	826 665	760 626	878 941	521 301	514 153	242 112	259 627	(D)
Cost of construction work subcontracted out to others	3 540 934	425 780	475 629	489 096	698 826	520 465	542 139	122 990	266 009	(D)
Rental cost for machinery, equipment, and buildings	254 758	32 104	38 168	40 844	52 910	38 041	29 530	19 319	3 841	(D)
Capital expenditures, other than land	187 672	28 175	33 214	30 873	34 641	23 271	20 935	12 968	3 595	(D)
End-of-year gross book value of depreciable assets	2 188 132	346 324	385 683	391 251	422 586	264 850	210 517	152 967	13 954	(D)
1987										
All employees**	187 617	(S)	28 336	30 073	38 725	19 384	20 459	13 505	9 928	(D)
Value of construction work	20 064 340	(S)	2 392 029	3 043 632	4 394 590	2 297 613	4 581 581	(D)	720 352	(D)
Value added††	10 165 521	(S)	1 243 201	1 472 896	2 133 069	1 202 031	1 270 665	1 047 363	541 531	(D)
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees**	1	2	3	3	2	1	(Z)	(Z)	(Z)	(D)
Net value of construction work†	1	3	3	3	1	(Z)	(Z)	(Z)	(Z)	(D)
Capital expenditures, other than land	3	9	8	6	3	(Z)	(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	19 643	(S)	(S)	3 205	5 491	3 565	2 069	1 685	594	316	219
All employees**	131 376	(S)	(S)	4 593	13 303	15 194	15 170	22 589	14 734	14 170	29 285
Payroll, all employees	4 009 157	(S)	(S)	61 034	233 978	341 245	399 195	711 160	498 871	518 189	1 225 379
Dollar value of business done	16 849 616	(S)	(S)	237 030	878 851	1 250 090	1 443 540	2 584 924	2 046 307	2 132 072	6 208 509
Value of construction work	16 492 684	(S)	(S)	235 327	871 719	1 237 615	1 427 067	2 539 696	2 009 849	2 103 512	6 000 374
Net value of construction work†	12 951 750	(S)	(S)	218 148	801 069	1 100 927	1 217 573	2 103 678	1 599 929	1 592 380	4 254 388
Value added††	8 401 275	(S)	(S)	131 582	475 829	656 933	755 257	1 321 394	1 047 000	993 427	2 980 295
Cost of materials, components, supplies, and fuels	4 907 406	(S)	(S)	88 268	332 373	456 469	478 790	827 512	589 387	627 513	1 482 228
Cost of construction work subcontracted out to others	3 540 934	(S)	(S)	17 179	70 650	136 688	209 493	436 018	409 920	511 132	1 745 986
Rental cost for machinery, equipment, and buildings	254 758	(S)	(S)	3 724	13 554	23 668	22 306	45 017	30 877	37 168	77 900
Capital expenditures, other than land	187 672	(S)	(S)	(S)	10 686	19 924	20 356	33 837	19 893	19 783	58 691
End-of-year gross book value of depreciable assets	2 188 132	(S)	(S)	(S)	152 954	200 141	242 494	451 128	273 688	231 789	584 817
1987											
All employees**	187 617	(S)	(S)	(S)	(S)	20 109	21 585	32 429	23 537	21 300	41 953
Value of construction work	20 064 340	(S)	(S)	(S)	(S)	1 347 545	1 758 118	3 163 495	2 689 654	2 602 539	7 218 780
Value added††	10 165 521	(S)	(S)	(S)	(S)	749 667	911 446	1 663 612	1 385 239	1 320 760	3 397 996
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees**	1	(S)	(S)	5	4	4	4	2	2	1	(Z)
Net value of construction work†	1	(S)	(S)	4	3	4	4	3	3	3	1
Capital expenditures, other than land	3	(S)	(S)	(S)	12	12	11	7	2	4	(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	16 492 684	9 000 728	4 783 687	2 222 009	1	1	1	1
Building construction	12 307 223	6 937 836	3 866 439	1 502 948	1	1	2	2
Single-family houses	4 190 150	2 821 900	948 547	419 703	2	3	4	3
Single-family houses, detached	3 465 036	2 292 887	820 188	351 961	3	4	4	3
Single-family houses, attached, including townhouses and townhouse-type condominiums	725 114	529 013	128 359	67 742	6	8	16	9
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	499 076	237 547	153 204	108 326	5	8	7	9
Other residential buildings, including hotels, motels, and tourist cabins	144 345	46 976	70 958	26 411	5	8	6	8
Office buildings	1 894 940	1 058 217	639 237	197 486	1	1	2	3
Other commercial buildings such as stores, restaurants, and automobile service stations	1 451 641	757 612	487 606	206 423	2	3	4	5
Industrial buildings and warehouses	1 977 205	987 285	630 644	359 276	1	2	3	3
Industrial buildings	1 641 199	803 683	532 378	305 138	1	2	2	3
Warehouses	336 006	183 602	98 266	54 138	4	4	11	4
Religious buildings	118 863	48 150	53 065	17 648	5	9	6	7
Educational buildings	894 904	424 286	395 212	75 406	4	3	7	10
Hospitals and institutional buildings	867 432	445 351	355 977	66 104	1	1	3	4
Other nonresidential buildings	268 666	110 512	131 989	26 165	4	6	4	9
Nonbuilding construction	3 699 201	2 062 892	917 248	719 061	1	1	2	2
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	890 199	398 457	225 021	266 720	2	2	5	2
Private driveways and parking areas	93 622	52 083	24 026	17 513	10	11	16	18
Fencing	71 187	46 245	8 868	16 074	15	17	22	21
Bridges, tunnels, and elevated highways	287 761	115 188	114 803	57 769	1	2	1	3
Conservation and development construction	83 774	67 181	8 838	7 755	7	5	27	12
Power and communication transmission lines, towers, and related facilities	158 877	101 249	39 557	18 071	5	8	2	2
Sewers, water mains, and related facilities	550 577	350 805	129 702	70 070	3	3	2	10
Sewers, sewer lines, septic systems, and related facilities	341 735	221 677	74 647	45 411	3	3	2	14
Water mains and related facilities	208 842	129 128	55 056	24 659	4	6	2	7
Pipeline construction other than sewer or water lines	239 126	139 408	21 977	77 741	1	2	(Z)	(Z)
Mass transit construction	120 754	(D)	70 287	(D)	12	(D)	2	(D)
Blast furnaces, petroleum refineries, chemical complexes, etc.	158 733	57 174	30 453	71 106	2	3	6	3
Power plants	609 415	(D)	126 609	(D)	1	(D)	2	(D)
Sewage treatment and water treatment plants	189 332	99 076	73 243	17 013	4	5	8	9
Other nonbuilding construction	245 844	151 766	43 863	50 216	4	5	3	6
Construction work, n.s.k.	486 260	(NA)	(NA)	(NA)	4	(NA)	(NA)	(NA)
1987								
Value of construction work	20 064 340	12 981 725	4 275 963	1 924 824	1	1	1	2
Building construction	15 784 011	10 833 802	3 539 305	1 410 906	1	1	1	2
Single-family houses	5 829 172	4 545 171	878 794	405 206	2	2	3	6
Single-family houses, detached	4 200 430	3 054 080	799 519	346 830	2	3	3	6
Single-family houses, attached, including townhouses and townhouse-type condominiums	1 628 742	1 491 091	79 275	58 375	3	3	8	10
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	767 450	555 108	137 686	74 655	8	10	9	6
Other residential buildings, including hotels, motels, and tourist cabins	828 198	623 343	152 200	52 653	3	4	5	6
Office buildings	3 173 072	2 204 351	757 289	211 431	1	1	2	2
Other commercial buildings such as stores, restaurants, and automobile service stations	1 599 174	972 580	385 750	240 843	1	2	2	3
Industrial buildings and warehouses	2 040 782	1 212 837	543 822	284 122	1	2	2	3
Industrial buildings	1 519 868	836 349	434 904	248 615	1	2	3	3
Warehouses	520 914	376 488	108 918	35 507	3	4	4	4
Religious buildings	116 681	50 216	40 540	25 924	6	7	10	8
Educational buildings	456 963	235 842	167 219	53 901	3	3	5	5
Hospitals and institutional buildings	547 291	292 123	216 351	38 817	2	1	3	5
Other nonresidential buildings	425 228	142 231	259 654	23 354	(NA)	(NA)	(NA)	(NA)
Nonbuilding construction	3 398 500	2 147 923	736 658	513 918	1	1	1	2
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	856 268	470 278	234 785	151 203	2	4	2	4
Private driveways and parking areas	133 547	99 866	17 534	16 146	6	6	10	18
Bridges, tunnels, and elevated highways	236 854	129 578	90 629	16 647	1	2	1	2
Power and communication transmission lines, towers, and related facilities	122 333	57 337	40 562	24 432	4	5	4	11
Sewers, water mains, and related facilities	537 825	357 962	130 266	49 595	2	2	5	7
Sewers, sewer lines, septic systems, and related facilities	312 233	225 368	56 977	29 887	3	3	7	7
Water mains and related facilities	225 591	132 593	73 289	19 708	2	2	4	9
Pipeline construction other than sewer or water lines	151 903	113 200	22 300	16 403	2	2	4	4
Mass transit construction	75 747	41 984	18 900	14 863	9	7	8	28
Blast furnaces, petroleum refineries, chemical complexes, etc.	120 832	40 022	39 464	41 345	6	16	3	5
Power plants	514 180	391 754	31 932	90 493	1	(Z)	2	3
Sewage treatment and water treatment plants	115 988	86 707	22 019	7 262	5	5	5	15
Other nonbuilding construction	533 022	359 234	88 266	85 528	(NA)	(NA)	(NA)	(NA)
Construction work, n.s.k.	881 829	(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 -----	19 643	99 149	90 137	100 724	106 712	99 024	(Z)	1	1	1	1	1	1
15	Building construction—General contractors and operative builders:													
152	General contractors, residential buildings:													
1521	Single-family houses -----	3 394	7 633	7 209	7 699	8 129	7 494	2	4	4	4	4	4	4
1522	Other residential buildings -----	213	1 072	1 046	1 158	1 084	999	14	12	9	13	12	13	13
1531	Operative builders -----	559	1 588	1 503	1 591	1 703	1 555	8	6	6	5	6	7	7
154	General contractors, nonresidential buildings:													
1541	Industrial buildings and warehouses -----	270	3 132	2 968	3 175	3 335	3 049	11	3	3	3	3	3	3
1542	Nonresidential buildings, n.e.c. ---	872	6 946	6 417	6 642	7 698	7 027	5	3	3	3	3	3	3
16	Heavy construction other than building construction—contractors:													
1611	Highway and street construction ----	335	4 563	3 059	4 964	5 291	4 937	7	2	3	2	3	3	3
162	Heavy construction, except highway:													
1622	Bridge, tunnel, and elevated highway construction -----	24	846	688	874	949	871	9	1	1	1	1	2	2
1623	Water, sewer, and utility lines ----	223	4 040	3 580	3 943	4 417	4 219	8	3	3	3	3	3	3
1629	Heavy construction, n.e.c. -----	358	5 344	4 715	5 887	5 541	5 233	8	3	2	3	3	3	3
17	Special trade contractors:													
1711	Plumbing, heating, and air-conditioning -----	3 031	13 087	12 344	13 239	13 520	13 248	1	1	1	2	2	2	2
1721	Painting and paper hanging -----	1 049	3 523	2 586	3 633	4 300	3 572	3	4	4	4	4	4	4
1731	Electrical work -----	2 323	12 057	12 025	11 638	12 491	12 076	2	1	1	1	2	2	2
174	Masonry, stonework, tile setting, and plastering:													
1741	Masonry, stone setting, and other stonework -----	903	3 710	3 000	3 675	4 169	3 998	4	5	6	5	6	5	5
1742	Plastering, drywall, and insulation work -----	436	4 240	4 335	4 454	4 415	3 758	5	5	3	5	5	6	6
1743	Terrazzo, tile, marble, and mosaic work -----	207	636	572	641	683	648	10	9	9	9	8	9	9
175	Carpentry and floor work:													
1751	Carpentry -----	1 558	4 173	3 895	4 283	4 430	4 085	4	4	4	4	5	4	4
1752	Floor laying and other floor work --	318	1 231	1 194	1 258	1 318	1 153	6	5	5	5	5	4	4
1761	Roofing, siding, and sheet metal work -----	1 024	4 542	3 881	4 600	5 104	4 581	4	3	3	4	4	3	3
1771	Concrete work -----	585	3 194	2 394	3 425	3 720	3 238	6	5	5	4	5	5	5
1781	Water well drilling -----	75	374	362	374	382	377	14	6	5	6	6	5	5
179	Miscellaneous special trade contractors:													
1791	Structural steel erection -----	131	2 326	2 350	2 371	2 271	2 313	10	6	8	8	3	5	5
1793	Glass and glazing work -----	156	737	742	705	762	737	9	9	8	10	8	10	10
1794	Excavation work -----	463	1 773	1 464	1 801	1 919	1 908	7	6	7	6	6	7	7
1795	Wrecking and demolition work ----	37	601	545	606	658	594	5	5	3	3	5	7	7
1796	Installing building equipment, n.e.c. -----	138	2 015	1 971	1 983	2 062	2 044	6	1	1	1	1	1	1
1799	Special trade contractors, n.e.c. ---	963	5 768	5 291	6 106	6 362	5 311	6	4	4	4	4	4	4

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 -----	6.7	30.5	166.3	.243	.298	.215	.267	.015
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses -----	3.0	19.7	151.0	.176	.350	.251	.057	.009
1522	Other residential buildings -----	6.7	31.2	232.9	.179	.287	.297	.086	.011
1531	Operative builders -----	7.3	30.2	927.4	.083	.261	.349	.003	.003
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses -----	16.1	29.6	211.1	.194	.203	.411	.067	.007
1542	Nonresidential buildings, n.e.c. -----	11.6	34.4	360.8	.139	.206	.498	.038	.009
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction -----	16.9	36.9	189.1	.242	.330	.193	.223	.033
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction -----	45.2	45.7	200.6	.287	.323	.139	.074	.037
1623	Water, sewer, and utility lines -----	22.3	40.2	170.5	.290	.265	.114	.163	.038
1629	Heavy construction, n.e.c. -----	19.6	39.0	193.4	.265	.256	.122	.219	.019
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning -----	6.0	32.9	150.1	.304	.351	.126	.423	.015
1721	Painting and paper hanging -----	3.9	21.7	71.1	.358	.241	.072	.441	.022
1731	Electrical work -----	6.7	34.4	122.7	.363	.350	.040	.455	.013
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework -----	4.9	22.4	90.2	.296	(D)	.095	.684	.015
1742	Plastering, drywall, and insulation work -----	11.7	32.7	104.9	.376	.284	.104	.877	.010
1743	Terrazzo, tile, marble, and mosaic work -----	3.8	29.4	123.2	.295	.338	(S)	.785	.018
175	Carpentry and floor work:								
1751	Carpentry -----	3.4	22.9	130.4	.224	.367	.180	.445	.014
1752	Floor laying and other floor work -----	5.1	26.2	124.0	.276	.403	.085	.605	.018
1761	Roofing, siding, and sheet metal work -----	5.6	26.9	113.3	.300	.354	.095	.433	.013
1771	Concrete work -----	6.5	26.9	105.7	.302	.401	.071	.548	.021
1781	Water well drilling -----	6.6	31.5	157.3	.263	.348	.101	.166	.013
179	Miscellaneous special trade contractors:								
1791	Structural steel erection -----	21.7	29.9	115.2	.317	.258	.118	.440	.021
1793	Glass and glazing work -----	6.8	28.6	134.5	.307	.448	.043	.723	.025
1794	Excavation work -----	4.8	27.0	111.8	.302	.264	.105	.557	.038
1795	Wrecking and demolition work -----	20.4	25.3	126.1	.248	(D)	(S)	.475	.028
1796	Installing building equipment, n.e.c. -----	20.4	36.1	161.2	.313	.348	.089	.200	.015
1799	Special trade contractors, n.e.c. -----	7.8	24.6	98.9	.326	.331	.092	.328	.025

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
15,16,17	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA CMSA											
	Construction industries -----	42 350	293 351	9 218 472	37 414 756	28 282 143	18 392 725	10 662 353	9 132 613	369 395	(Z)	(Z)
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	7 113	21 794	432 130	2 472 841	1 798 370	985 496	848 216	674 471	20 780	2	3
1522	Other residential buildings -----	835	5 490	153 426	927 370	551 355	337 646	224 493	376 015	4 926	5	6
1531	Operative builders -----	1 018	6 282	181 447	2 108 389	1 398 163	896 224	583 977	710 226	10 621	4	5
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	473	6 777	228 107	1 478 248	721 385	485 489	256 717	756 863	6 091	3	3
1542	Nonresidential buildings, n.e.c. -----	2 184	25 875	942 296	6 760 487	2 879 876	1 837 012	1 345 434	3 880 610	31 176	2	1
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	648	11 541	420 833	1 779 832	1 448 854	921 211	565 867	330 978	42 479	2	2
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	78	4 397	198 889	823 663	632 063	445 470	199 490	191 600	10 308	1	1
1623	Water, sewer, and utility lines -----	466	9 358	355 962	1 249 484	1 065 185	789 931	296 065	184 299	27 771	2	2
1629	Heavy construction, n.e.c. -----	676	10 703	438 031	1 750 592	1 442 084	1 059 465	466 715	308 508	29 103	2	1
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning -----	6 509	42 500	1 392 063	4 696 119	4 054 819	2 482 719	1 610 349	641 300	44 984	1	1
1721	Painting and paper hanging -----	2 460	11 826	280 880	750 105	701 211	534 363	171 438	48 895	9 868	3	2
1731	Electrical work -----	5 212	42 806	1 529 521	4 135 160	3 952 544	2 587 075	1 383 066	182 616	29 419	1	1
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work -----	1 740	8 920	215 431	720 061	626 354	420 524	210 129	93 707	6 858	3	3
1742	Plastering, drywall, and insulation work -----	959	11 663	399 161	1 061 626	954 210	670 604	289 450	107 416	9 942	3	2
1743	Terrazzo, tile, marble, and mosaic work -----	560	2 518	72 380	227 457	212 009	135 777	78 384	15 448	2 410	8	7
175	Carpentry and floor work:											
1751	Carpentry -----	3 414	12 366	283 674	1 082 162	945 907	562 093	401 491	136 255	(S)	3	4
1752	Floor laying and other floor work -----	756	3 529	94 519	358 405	320 221	190 894	138 062	38 184	(S)	3	5
1761	Roofing, siding, and sheet metal work -----	1 817	10 839	307 237	976 792	882 317	563 423	324 331	94 475	12 679	2	2
1771	Concrete work -----	1 218	7 659	190 507	639 068	591 850	359 217	241 033	47 218	9 701	7	4
1781	Water well drilling -----	127	694	21 589	78 340	73 778	45 316	28 540	4 562	1 335	7	6
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	275	3 229	117 785	365 864	324 796	239 101	88 923	41 068	2 428	5	2
1793	Glass and glazing work -----	403	2 449	67 938	215 385	204 561	122 457	89 496	10 823	1 744	5	4
1794	Excavation work -----	926	4 876	140 467	476 199	427 018	302 804	134 726	49 181	20 201	4	5
1795	Wrecking and demolition work -----	90	1 668	38 783	141 649	126 897	106 930	23 890	14 752	1 945	2	3
1796	Installing building equipment, n.e.c. -----	339	7 802	311 525	841 241	792 198	565 583	228 917	49 042	4 371	1	(Z)
1799	Special trade contractors, n.e.c. -----	2 056	15 790	403 891	1 298 219	1 154 116	745 902	433 154	144 102	16 943	3	3
15,16,17	Bergen-Passaic, NJ PMSA											
	Construction industries -----	3 805	27 827	877 468	3 341 538	2 675 177	1 825 453	968 390	666 362	32 405	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	594	1 654	28 842	(S)	(S)	(S)	(S)	(S)	1 048	8	(S)
1522	Other residential buildings -----	47	246	5 370	23 372	(S)	(S)	7 588	7 464	(S)	18	(S)
1531	Operative builders -----	94	425	15 899	167 953	109 088	61 949	48 027	58 865	475	19	25
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	83	2 229	57 390	295 396	179 512	121 056	62 219	115 884	2 437	3	3
1542	Nonresidential buildings, n.e.c. -----	246	1 895	67 319	395 798	182 185	118 697	78 322	213 613	2 538	7	7
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	(S)	1 563	60 332	218 157	171 901	105 540	67 283	46 256	5 958	2	1
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	4	153	4 061	12 559	(D)	(D)	5 592	(D)	471	(Z)	(D)
1623	Water, sewer, and utility lines -----	26	499	18 202	49 277	42 552	36 879	11 958	6 725	2 537	5	6
1629	Heavy construction, n.e.c. -----	(S)	3 513	147 936	512 251	469 847	(D)	114 448	42 403	3 238	1	1

NJ-14 NEW JERSEY

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
	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA CMSA—Con.											
	Bergen-Passaic, NJ PMSA—Con.											
15,16,17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	650	3 455	112 737	387 064	342 851	204 626	142 277	44 213	2 340	3	3
1721	Painting and paper hanging	172	635	13 525	36 985	34 446	25 697	8 750	(S)	(D)	11	10
1731	Electrical work	477	2 529	83 852	241 156	227 158	144 929	82 691	13 998	1 812	3	3
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	177	839	19 186	59 824	55 486	36 572	18 916	4 338	99	10	10
1742	Plastering, drywall, and insulation work	105	1 047	35 586	86 002	78 883	56 664	22 296	7 119	266	4	5
1743	Terrazzo, tile, marble, and mosaic work	40	139	3 967	15 130	(D)	8 157	4 681	(D)	*351	14	(D)
175	Carpentry and floor work:											
1751	Carpentry	264	790	21 767	101 218	87 976	48 666	39 685	13 242	1 379	10	16
1752	Floor laying and other floor work	66	464	15 269	56 765	51 938	28 765	23 230	4 827	193	10	8
1761	Roofing, siding, and sheet metal work	154	1 241	35 579	114 445	108 268	67 392	40 876	6 177	1 611	5	6
1771	Concrete work	86	587	19 356	64 591	60 782	29 851	30 978	3 809	714	9	7
1781	Water well drilling	(S)	(S)	1 002	(S)	(D)	(D)	(S)	(D)	(D)	(S)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	27	363	10 091	22 972	(D)	13 803	5 351	(D)	357	15	(D)
1793	Glass and glazing work	41	289	7 681	26 770	25 311	15 045	11 123	1 459	(S)	14	14
1794	Excavation work	57	251	6 929	23 222	21 044	12 217	8 827	2 178	477	15	17
1795	Wrecking and demolition work	11	293	8 246	32 592	30 292	25 370	7 722	2 300	*924	10	13
1796	Installing building equipment, n.e.c. -	37	535	20 037	61 027	58 095	47 173	10 940	2 932	608	2	2
1799	Special trade contractors, n.e.c. -	212	2 155	57 309	174 511	150 674	97 272	55 970	23 838	2 013	5	3
	Bridgeport, CT PMSA											
15,16,17	Construction industries	1 032	5 940	178 098	698 909	529 942	347 931	194 890	168 967	8 091	3	3
	(See appropriate State for SIC detail.)											
	Danbury, CT PMSA											
15,16,17	Construction industries	710	3 255	98 901	453 931	324 836	195 875	133 634	129 095	6 059	4	4
	(See appropriate State for SIC detail.)											
	Dutchess County, NY PMSA											
15,16,17	Construction industries	742	4 096	114 520	489 015	375 227	231 309	156 061	113 789	6 023	5	6
	(See appropriate State for SIC detail.)											
	Jersey City, NJ PMSA											
15,16,17	Construction industries	776	5 896	188 387	674 560	558 706	369 589	196 350	115 854	5 989	3	4
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	23 570	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings	33	76	2 175	13 092	10 121	6 283	3 911	2 970	(D)	31	19
1531	Operative builders	7	(S)	(S)	(S)	(S)	(S)	(S)	(S)	*247	(S)	(S)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	5	(D)	(D)	(D)	(D)	(S)	(D)	(D)	(D)	(D)	(D)
1542	Nonresidential buildings, n.e.c. -	54	(S)	(S)	(S)	(S)	(S)	(S)	46 795	636	(S)	(S)
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	*17	461	(D)	(D)	40 800	28 496	12 311	(D)	(D)	9	6
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	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
1629	Heavy construction, n.e.c. -	(S)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)

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
NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA CMSA—Con.												
Jersey City, NJ PMSA—Con.												
15,16,17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	136	(S)	(S)	110 049	96 211	65 654	(S)	13 839	(S)	(S)	6
1721	Painting and paper hanging	(S)	371	5 136	12 758	12 675	9 639	3 037	(S)	(D)	10	14
1731	Electrical work	126	647	16 282	45 590	43 563	26 159	17 855	2 027	(D)	17	14
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	(S)	(S)	(S)	13 312	(S)	(S)	(S)	*2 794	(D)	(S)	(S)
1742	Plastering, drywall, and insulation work	*18	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1743	Terrazzo, tile, marble, and mosaic work	(S)	(D)	(D)	(D)	(D)	(D)	268	(D)	—	(D)	(D)
175	Carpentry and floor work:											
1751	Carpentry	60	191	4 675	19 645	16 773	10 627	6 782	(S)	(S)	26	32
1752	Floor laying and other floor work	(S)	(S)	2 676	(S)	(D)	4 159	(S)	(D)	(D)	(S)	(D)
1761	Roofing, siding, and sheet metal work	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1771	Concrete work	31	177	5 332	13 612	12 193	9 212	(S)	*1 419	57	22	14
1781	Water well drilling	—	—	—	—	—	—	—	—	—	—	—
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	(S)	(D)	(S)	(D)	(D)	(D)	(S)	(D)	(D)	(D)	(D)
1793	Glass and glazing work	7	(D)	2 708	(D)	(D)	4 765	(D)	(D)	(D)	(D)	(D)
1794	Excavation work	5	105	2 562	(D)	(D)	5 339	2 489	(D)	48	(Z)	(D)
1795	Wrecking and demolition work	4	30	703	2 225	(D)	1 989	214	(D)	(D)	18	(D)
1796	Installing building equipment, n.e.c.	9	250	12 024	(D)	(D)	13 513	(D)	(D)	157	(Z)	(D)
1799	Special trade contractors, n.e.c.	46	373	10 002	42 515	41 218	30 405	11 213	1 297	499	13	24
Middlesex-Somerset-Hunterdon, NJ PMSA												
15,16,17	Construction industries	2 765	19 015	604 438	2 620 186	2 000 280	1 247 470	789 895	619 906	29 971	1	2
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	492	1 367	26 886	123 262	(S)	(S)	(S)	27 591	(S)	10	(S)
1522	Other residential buildings	*24	(S)	2 574	(S)	(D)	(S)	(S)	(D)	(D)	(S)	(D)
1531	Operative builders	93	553	16 299	237 552	163 696	92 572	79 161	73 856	1 051	10	17
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	39	517	21 564	120 995	61 814	45 756	16 058	59 181	239	10	7
1542	Nonresidential buildings, n.e.c.	89	1 433	50 994	446 762	183 095	103 979	89 019	263 667	915	9	9
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	66	978	39 664	168 488	139 891	94 339	47 051	28 597	7 320	4	3
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	3	75	3 676	18 169	(D)	9 316	5 713	(D)	(D)	(Z)	(D)
1623	Water, sewer, and utility lines	(S)	714	26 229	132 880	115 032	71 573	44 676	17 848	3 418	5	4
1629	Heavy construction, n.e.c.	44	656	20 170	84 632	69 086	48 532	21 246	15 547	(S)	6	9
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	423	2 750	96 052	279 565	250 654	160 282	94 255	28 911	2 861	3	3
1721	Painting and paper hanging	154	690	17 148	40 462	37 494	31 767	8 474	2 968	897	10	6
1731	Electrical work	299	1 847	61 778	156 690	154 047	102 765	51 834	2 643	1 755	4	3
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	135	870	22 437	75 347	68 971	44 908	25 136	6 376	797	14	8
1742	Plastering, drywall, and insulation work	54	1 036	35 112	92 047	81 013	57 901	23 160	11 034	860	4	3
1743	Terrazzo, tile, marble, and mosaic work	(S)	71	1 699	6 615	(D)	2 933	2 933	(D)	(S)	23	(D)
175	Carpentry and floor work:											
1751	Carpentry	215	(S)	(S)	119 557	101 838	(S)	51 613	*17 719	(S)	(S)	18
1752	Floor laying and other floor work	(S)	95	2 333	12 519	11 589	5 417	6 176	930	88	16	21

NJ-16 NEW JERSEY

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
	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA CMSA—Con.											
	Middlesex-Somerset-Hunterdon, NJ PMSA—Con.											
15,16,17	Construction industries—Con.											
	Special trade contractors—Con.											
1761	Roofing, siding, and sheet metal work -----	126	699	18 375	55 779	51 897	29 335	22 649	3 883	508	9	8
1771	Concrete work -----	(S)	627	16 041	50 445	46 334	28 328	18 014	4 112	663	12	11
1781	Water well drilling -----	7	73	2 657	9 382	(D)	5 124	4 052	(D)	(D)	(Z)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	12	532	22 973	103 988	(D)	66 994	26 245	(D)	491	(Z)	(D)
1793	Glass and glazing work -----	25	144	4 468	10 806	(D)	6 632	5 674	(D)	55	29	(D)
1794	Excavation work -----	93	478	13 890	46 455	40 304	31 776	10 151	6 151	2 529	16	16
1795	Wrecking and demolition work -----	4	114	(S)	(S)	(D)	(S)	(D)	(D)	(D)	(Z)	(D)
1796	Installing building equipment, n.e.c. -----	17	540	26 082	127 626	(D)	42 051	(D)	(D)	202	(Z)	(D)
1799	Special trade contractors, n.e.c. -----	160	1 050	25 489	75 506	70 179	49 925	22 252	5 327	1 143	13	12
	Monmouth-Ocean, NJ PMSA											
15,16,17	Construction industries -----	2 725	15 377	418 295	2 128 055	1 594 996	1 004 473	631 216	533 059	25 342	2	3
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	559	1 487	28 008	175 380	126 473	65 702	61 742	48 907	1 117	9	7
1522	Other residential buildings -----	*15	*49	2 150	*15 345	*8 305	2 523	(S)	7 040	*640	61	67
1531	Operative builders -----	118	1 741	48 882	576 991	375 186	262 865	125 838	201 805	(D)	6	9
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	(S)	365	12 348	73 972	(D)	22 092	16 234	(D)	405	9	(D)
1542	Nonresidential buildings, n.e.c. -----	118	957	30 927	210 411	95 230	58 449	39 536	115 181	1 233	8	7
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	(S)	684	20 345	107 442	82 383	46 129	40 095	25 059	1 264	9	12
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines -----	45	889	37 297	132 778	121 093	84 416	37 584	11 686	2 676	13	6
1629	Heavy construction, n.e.c. -----	44	332	9 699	42 512	37 266	23 677	13 799	5 246	3 216	17	11
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning -----	427	2 185	60 675	229 542	195 829	108 617	94 758	33 713	1 956	5	5
1721	Painting and paper hanging -----	142	365	6 677	25 488	24 348	17 632	7 025	1 140	633	13	16
1731	Electrical work -----	325	1 585	46 501	143 227	138 871	84 245	55 278	4 356	(S)	5	5
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work -----	101	583	10 298	38 101	36 448	23 682	12 766	1 653	366	16	15
1742	Plastering, drywall, and insulation work -----	68	747	21 447	69 359	58 817	43 529	17 230	*10 541	806	26	30
1743	Terrazzo, tile, marble, and mosaic work -----	16	40	1 250	4 258	(D)	(S)	1 852	(D)	(D)	(Z)	(D)
175	Carpentry and floor work:											
1751	Carpentry -----	191	522	9 456	44 781	36 747	21 047	16 106	(S)	(S)	14	15
1752	Floor laying and other floor work -----	(S)	189	5 355	15 219	14 951	9 485	5 579	267	156	11	7
1761	Roofing, siding, and sheet metal work -----	153	725	17 543	62 324	52 191	33 690	18 511	*10 133	281	14	15
1771	Concrete work -----	62	293	(D)	20 615	19 414	10 115	9 310	(S)	(S)	25	19
1781	Water well drilling -----	7	(D)	880	3 744	(D)	2 316	1 352	(D)	(D)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	20	179	(D)	(D)	(D)	10 193	(D)	(D)	*69	6	(D)
1793	Glass and glazing work -----	*19	*97	*1 214	(D)	(D)	2 329	(D)	(D)	(S)	52	(D)
1794	Excavation work -----	65	323	8 109	26 857	24 948	17 940	7 843	1 909	1 197	15	18
1795	Wrecking and demolition work -----	(S)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c. -----	(S)	(D)	(S)	4 312	4 262	(D)	1 098	(S)	(S)	(D)	(Z)
1799	Special trade contractors, n.e.c. -----	(S)	718	16 506	50 629	44 533	30 326	18 048	(S)	1 479	15	14
	Nassau-Suffolk, NY PMSA											
15,16,17	Construction industries -----	8 068	44 952	1 224 727	4 994 826	3 872 198	2 440 215	1 491 173	1 122 629	54 762	1	1

(See appropriate State for SIC detail.)

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW JERSEY NJ-17

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
	NEW YORK—NORTHERN NEW JERSEY—LONG ISLAND, NY—NJ—CT—PA CMSA—Con.											
	New Haven—Meriden, CT PMSA											
15,16,17	Construction industries	1 351	9 080	282 141	1 101 261	864 400	532 933	350 990	236 861	(S)	3	2
	(See appropriate State for SIC detail.)											
	New York, NY PMSA											
15,16,17	Construction industries	12 358	109 208	3 729 636	14 477 032	10 612 957	7 104 953	3 877 610	3 864 074	119 089	1	1
	(See appropriate State for SIC detail.)											
	Newark, NJ PMSA											
15,16,17	Construction industries	4 737	30 728	994 606	3 889 810	3 123 797	2 026 165	1 151 210	766 012	46 706	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	742	2 479	49 637	290 107	218 906	124 892	97 136	71 201	2 777	8	8
1522	Other residential buildings	36	505	21 663	125 515	91 545	59 632	33 567	33 970	(D)	9	14
1531	Operative builders	116	(S)	14 328	155 959	112 309	69 346	(S)	43 650	343	(S)	22
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	58	703	22 194	86 580	(D)	36 860	23 138	(D)	(S)	6	(D)
1542	Nonresidential buildings, n.e.c.	224	2 653	102 345	743 543	414 446	282 235	152 136	329 097	3 788	5	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	107	1 036	36 109	169 228	136 667	81 464	58 465	32 560	3 061	8	5
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	(S)	(S)	(S)	20 105	17 512	(S)	9 759	(S)	(S)	(S)	11
1623	Water, sewer, and utility lines	56	1 392	53 980	172 391	152 553	115 130	38 685	19 838	(S)	5	7
1629	Heavy construction, n.e.c.	82	897	38 334	169 351	146 281	95 433	53 234	23 070	5 131	8	4
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	677	4 504	163 262	527 874	453 277	283 113	170 962	74 597	6 232	2	2
1721	Painting and paper hanging	277	1 129	27 546	80 093	74 267	52 877	21 426	5 826	1 359	8	6
1731	Electrical work	560	5 476	212 667	546 264	521 914	342 469	181 495	24 350	5 241	2	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	241	912	16 924	67 602	54 189	35 670	18 564	13 413	691	11	11
1742	Plastering, drywall, and insulation work	92	844	29 494	75 217	67 182	46 869	20 563	8 036	(D)	7	4
1743	Terrazzo, tile, marble, and mosaic work	73	288	9 388	26 971	25 425	16 204	9 222	1 546	193	22	22
175	Carpentry and floor work:											
1751	Carpentry	460	1 153	24 541	96 248	86 158	52 806	33 838	10 089	(S)	8	8
1752	Floor laying and other floor work	(S)	482	10 707	(S)	(S)	20 744	(S)	(S)	(S)	9	(S)
1761	Roofing, siding, and sheet metal work	256	1 242	32 965	111 991	99 588	59 843	39 749	12 402	(S)	8	7
1771	Concrete work	125	746	22 986	79 629	75 442	47 799	29 761	4 187	2 505	10	11
1781	Water well drilling	20	129	5 489	23 670	(D)	13 290	7 635	(D)	(D)	12	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	22	444	10 519	26 650	24 022	19 385	4 772	2 628	252	31	8
1793	Glass and glazing work	38	229	8 887	30 736	28 574	16 445	12 371	2 163	(D)	9	8
1794	Excavation work	127	466	13 581	41 715	38 860	28 624	10 538	2 855	3 313	17	12
1795	Wrecking and demolition work	9	109	2 846	10 562	9 964	8 880	1 359	598	(D)	(Z)	(Z)
1796	Installing building equipment, n.e.c.	32	836	18 676	48 931	(D)	36 200	10 740	(D)	96	3	(D)
1799	Special trade contractors, n.e.c.	229	1 386	39 694	125 167	113 682	72 202	45 956	11 484	(S)	9	8
	Newburgh, NY—PA PMSA											
15,16,17	Construction industries	1 035	3 891	101 839	415 465	350 342	206 446	146 555	65 123	6 561	3	4
	(See appropriate State for SIC detail.)											
	Stamford—Norwalk, CT PMSA											
15,16,17	Construction industries	987	6 211	183 104	1 076 075	620 111	355 313	276 985	455 964	(S)	2	3
	(See appropriate State for SIC detail.)											

NJ—18 NEW JERSEY

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
	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA CMSA—Con.											
	Trenton, NJ PMSA											
15,16,17	Construction industries	691	4 984	137 822	746 410	524 888	345 956	195 957	221 522	5 847	2	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	118	344	8 704	41 369	31 495	18 982	12 880	9 874	206	17	18
1522	Other residential buildings	*11	44	825	5 800	(D)	(D)	1 492	(D)	—	17	(D)
1531	Operative builders	21	165	5 044	78 911	45 886	30 873	15 595	33 025	(S)	6	2
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	*14	*75	*1 767	*14 695	*9 086	(D)	*3 153	*5 609	—	55	57
1542	Nonresidential buildings, n.e.c.	29	952	25 112	309 214	161 601	106 720	68 049	147 613	526	5	1
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	*917	(D)	(D)
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	6	(D)	(D)	12 574	12 272	9 856	2 416	302	(D)	(D)	14
1629	Heavy construction, n.e.c.	11	(D)	4 033	14 192	12 702	(D)	3 265	1 490	(D)	(D)	5
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	(S)	721	20 794	68 339	61 872	35 816	26 079	6 466	(S)	11	5
1721	Painting and paper hanging	40	116	1 855	5 267	4 678	3 705	973	*589	*22	15	11
1731	Electrical work	104	654	21 087	59 604	57 738	35 113	22 976	1 865	678	4	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	18	47	1 152	2 990	2 848	1 946	(D)	(S)	(D)	18	21
1742	Plastering, drywall, and insulation work	20	276	8 340	23 177	19 189	12 725	6 496	3 988	86	12	9
1743	Terrazzo, tile, marble, and mosaic work	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(D)	(S)	(S)
175	Carpentry and floor work:											
1751	Carpentry	49	268	5 241	21 373	17 273	11 573	5 970	(S)	338	23	12
1752	Floor laying and other floor work	(S)	20	315	(D)	(D)	675	411	(S)	—	(Z)	(D)
1761	Roofing, siding, and sheet metal work	35	204	5 801	19 956	19 001	11 688	7 313	955	(S)	8	9
1771	Concrete work	(S)	(S)	(D)	(S)	(D)	(S)	(S)	(D)	(S)	(S)	(D)
1781	Water well drilling	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	4	36	1 555	3 201	3 201	2 368	833	—	(D)	(Z)	(Z)
1793	Glass and glazing work	3	23	(D)	(D)	(D)	(D)	483	(D)	(D)	(Z)	(D)
1794	Excavation work	(S)	(S)	723	(S)	(S)	2 026	(S)	133	139	(S)	(S)
1795	Wrecking and demolition work	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	(D)	(S)
1796	Installing building equipment, n.e.c.	6	129	5 637	11 776	11 709	9 656	2 053	67	(D)	(Z)	(Z)
1799	Special trade contractors, n.e.c.	(S)	247	5 408	(D)	(D)	10 642	4 147	(D)	*139	15	(D)
	Waterbury, CT PMSA											
15,16,17	Construction industries	569	2 891	84 490	307 681	254 285	158 646	101 436	53 396	4 683	6	6

(See appropriate State for SIC detail.)

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
	PHILADELPHIA-WILMINGTON-ATLANTIC CITY, PA-NJ-DE-MD CMSA											
15,16,17	Construction industries	13 010	105 943	3 072 558	12 663 461	9 443 230	6 052 455	3 736 651	3 220 232	163 018	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	2 309	8 868	182 063	1 032 402	732 371	377 108	369 480	300 031	7 495	3	4
1522	Other residential buildings	97	1 003	29 588	139 771	82 251	57 972	27 975	57 520	499	13	10
1531	Operative builders	366	2 767	77 295	985 023	632 627	419 108	278 463	352 396	5 653	4	4
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	165	2 943	100 243	449 964	246 674	194 050	61 968	203 290	3 201	5	7
1542	Nonresidential buildings, n.e.c.	589	7 924	272 380	2 114 457	746 560	474 380	373 287	1 367 897	6 458	2	2
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	175	4 978	161 333	787 298	643 901	401 973	274 208	143 396	25 540	2	3
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	25	437	21 230	99 544	63 031	47 054	17 364	36 513	939	7	4
1623	Water, sewer, and utility lines	168	5 868	211 645	587 661	525 255	389 636	138 175	62 406	21 085	2	2
1629	Heavy construction, n.e.c.	226	3 526	126 055	527 677	419 197	285 302	150 112	108 480	16 971	5	3
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	1 828	16 046	510 888	1 681 450	1 441 079	849 431	629 554	240 371	17 100	2	2
1721	Painting and paper hanging	736	3 720	83 383	215 610	202 389	147 992	54 856	13 221	2 282	5	3
1731	Electrical work	1 346	11 310	372 617	1 078 973	1 036 199	670 112	381 387	42 774	12 375	2	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	639	4 460	110 528	307 555	292 198	194 808	97 827	15 357	3 402	4	4
1742	Plastering, drywall, and insulation work	281	2 746	76 553	221 158	199 875	129 583	73 567	21 284	1 451	4	5
1743	Terrazzo, tile, marble, and mosaic work	135	689	21 628	66 679	(D)	38 736	23 791	(D)	613	6	(D)
175	Carpentry and floor work:											
1751	Carpentry	986	4 346	93 612	361 174	289 994	173 571	118 488	71 180	3 280	5	7
1752	Floor laying and other floor work	263	1 166	28 190	114 342	104 567	53 392	56 511	9 775	999	7	5
1761	Roofing, siding, and sheet metal work	761	4 776	122 776	422 154	385 206	240 706	147 007	36 948	3 285	4	4
1771	Concrete work	672	4 801	112 339	391 724	354 987	211 219	147 824	36 738	7 322	4	4
1781	Water well drilling	45	316	8 685	30 873	(D)	17 797	9 789	(D)	432	7	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	89	1 974	51 920	158 925	138 188	93 524	48 807	20 737	2 078	2	2
1793	Glass and glazing work	110	866	24 974	91 016	86 079	49 478	41 391	4 937	307	9	8
1794	Excavation work	327	1 758	47 872	178 380	152 688	101 472	54 614	25 692	6 055	5	5
1795	Wrecking and demolition work	22	509	14 647	48 788	46 464	37 872	11 275	2 323	994	9	6
1796	Installing building equipment, n.e.c.	83	2 518	78 817	210 002	199 795	159 027	45 521	10 207	1 938	2	2
1799	Special trade contractors, n.e.c.	568	5 628	131 296	360 864	331 742	237 151	103 409	29 121	11 264	4	4
	Atlantic-Cape May, NJ PMSA											
15,16,17	Construction industries	1 032	6 001	176 618	722 675	591 515	367 391	239 927	131 160	7 973	2	2
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	211	790	17 560	118 510	78 172	35 372	43 109	40 338	1 146	11	13
1522	Other residential buildings	(S)	146	5 200	29 846	(D)	13 354	5 802	(D)	—	13	(D)
1531	Operative builders	41	103	1 659	27 312	23 707	18 763	5 004	3 605	(D)	28	31
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	*8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	(D)	(D)
1542	Nonresidential buildings, n.e.c.	29	277	9 206	50 917	26 648	18 395	8 342	24 269	*376	14	9
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	10	(D)	11 786	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines	13	295	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(D)
1629	Heavy construction, n.e.c.	17	(D)	(D)	36 352	27 939	21 241	11 438	8 413	(D)	(D)	3

NJ-20 NEW JERSEY

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
	PHILADELPHIA—WILMINGTON—ATLANTIC CITY, PA—NJ—DE—MD CMSA—Con.											
	Atlantic—Cape May, NJ PMSA—Con.											
15,16,17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning-----	152	851	24 171	77 666	70 859	41 705	30 069	(S)	807	7	4
1721	Painting and paper hanging-----	71	(S)	4 435	11 740	10 694	7 930	2 764	(S)	281	(S)	10
1731	Electrical work-----	110	777	26 040	85 777	85 221	52 678	32 786	556	(D)	5	3
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work-----	43	214	4 940	17 243	16 955	10 915	6 040	*288	(S)	11	6
1742	Plastering, drywall, and insulation work-----	17	146	4 100	10 195	(D)	6 520	(D)	(D)	(D)	9	(D)
1743	Terrazzo, tile, marble, and mosaic work-----	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(D)	(D)	(S)	(D)
175	Carpentry and floor work:											
1751	Carpentry-----	(S)	288	5 994	22 382	20 195	11 197	9 020	*2 187	121	5	8
1752	Floor laying and other floor work---	(S)	41	639	(D)	(D)	(S)	1 548	(D)	(D)	10	(D)
1761	Roofing, siding, and sheet metal work-----	63	302	7 695	22 203	21 323	14 001	7 322	880	87	7	6
1771	Concrete work-----	29	225	5 938	23 203	(D)	9 186	10 344	(D)	*154	11	(D)
1781	Water well drilling-----	6	31	*731	*2 991	*2 880	*1 810	(D)	*111	(D)	34	41
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	(S)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1793	Glass and glazing work-----	10	69	1 775	(D)	(D)	(D)	(D)	(D)	*56	3	(D)
1794	Excavation work-----	(S)	(S)	1 920	(D)	(D)	4 962	1 436	(D)	(S)	(S)	(D)
1795	Wrecking and demolition work-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1796	Installing building equipment, n.e.c.---	6	133	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(D)
1799	Special trade contractors, n.e.c.-----	(S)	221	5 249	(D)	(D)	12 949	7 259	(D)	103	22	(D)
	Philadelphia, PA—NJ PMSA											
15,16,17	Construction industries-----	10 203	84 254	2 477 200	10 256 615	7 564 572	4 872 495	2 991 358	2 692 042	128 446	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses-----	1 757	6 743	135 123	777 659	555 636	288 529	280 299	222 024	4 886	4	5
1522	Other residential buildings-----	73	650	(S)	95 046	56 963	36 998	20 800	38 083	(D)	20	14
1531	Operative builders-----	272	2 139	64 152	809 734	511 808	339 033	233 120	297 927	4 998	5	5
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	121	2 151	74 362	340 955	189 624	151 469	41 585	151 332	2 288	5	9
1542	Nonresidential buildings, n.e.c.-----	476	6 594	232 019	1 821 752	604 375	387 651	311 457	1 217 378	5 394	2	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction-----	131	3 291	107 824	525 647	424 446	272 402	176 453	101 201	13 726	3	4
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	14	(D)	10 827	65 458	34 933	26 375	8 579	30 525	446	(D)	2
1623	Water, sewer, and utility lines-----	132	4 272	155 204	436 357	395 587	293 959	104 016	40 771	18 391	3	2
1629	Heavy construction, n.e.c.-----	187	3 123	112 524	472 894	375 595	252 814	133 843	97 299	15 779	6	3
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning-----	1 504	12 990	424 811	1 399 531	1 200 386	700 218	533 334	199 145	14 130	2	2
1721	Painting and paper hanging-----	538	2 948	68 745	179 390	168 791	121 910	47 282	10 599	1 596	5	4
1731	Electrical work-----	1 079	9 170	304 542	873 198	835 096	545 676	303 721	38 103	10 192	2	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work-----	499	3 517	90 200	246 781	232 816	155 819	77 330	13 964	2 535	5	5
1742	Plastering, drywall, and insulation work-----	214	2 206	63 391	186 516	167 660	109 489	60 532	18 856	1 175	5	5
1743	Terrazzo, tile, marble, and mosaic work-----	(S)	492	15 912	44 831	44 314	26 911	17 570	517	270	8	6
175	Carpentry and floor work:											
1751	Carpentry-----	788	3 505	78 888	306 136	242 050	146 864	97 030	64 086	2 761	6	9
1752	Floor laying and other floor work---	206	976	24 145	96 705	(D)	45 836	47 655	(D)	870	8	(D)

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW JERSEY NJ—21

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
	PHILADELPHIA—WILMINGTON—ATLANTIC CITY, PA—NJ—DE—MD CMSA—Con.											
	Philadelphia, PA—NJ PMSA—Con.											
15,16,17	Construction industries—Con.											
1761	Special trade contractors—Con.											
	Roofing, siding, and sheet metal work	608	3 816	97 174	350 260	316 233	197 949	120 353	34 027	2 730	5	4
1771	Concrete work	523	3 780	91 333	321 275	292 837	175 154	121 273	28 438	6 368	4	4
1781	Water well drilling	33	258	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	63	1 594	39 060	117 609	(D)	73 583	34 535	(D)	1 594	3	(D)
1793	Glass and glazing work	80	726	21 208	79 470	74 586	43 130	35 722	4 884	251	9	9
1794	Excavation work	268	1 383	37 590	136 842	116 606	79 856	39 947	20 235	4 749	7	6
1795	Wrecking and demolition work	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c. .	69	2 301	72 438	192 216	(D)	146 065	40 966	(D)	1 837	2	(D)
1799	Special trade contractors, n.e.c.	450	4 930	115 069	309 844	283 527	204 195	86 428	26 317	10 592	4	4
	Vineland—Millville—Bridgeton, NJ PMSA											
15,16,17	Construction industries	311	1 891	52 851	224 524	178 191	115 784	65 657	46 332	(S)	4	3
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	9 149	4 636	(S)	(S)	(S)	(S)	12
1522	Other residential buildings	*2	*5	*110	*644	(D)	(D)	*214	(D)	—	63	(D)
1531	Operative builders	5	(S)	(S)	*3 206	*2 710	*1 606	(S)	*496	(D)	(S)	54
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	*6	69	2 453	14 330	(D)	7 506	(D)	(D)	(D)	18	(D)
1542	Nonresidential buildings, n.e.c.	12	258	8 117	38 311	21 176	13 710	7 618	17 135	140	6	4
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	(S)	(D)	3 996	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	—	—	—	—	—	—	—	—	—	—	—
1623	Water, sewer, and utility lines	4	58	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(D)
1629	Heavy construction, n.e.c.	(S)	(D)	(D)	(D)	(D)	(S)	(D)	(D)	(D)	(D)	(D)
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	26	318	11 078	46 784	36 208	21 466	15 468	10 575	391	13	7
1721	Painting and paper hanging	23	76	1 443	3 714	3 591	2 749	847	123	(D)	9	8
1731	Electrical work	27	(S)	(S)	24 373	23 614	13 957	9 662	(S)	(D)	(S)	1
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	(S)	82	(S)	4 250	4 084	2 992	1 196	(S)	(S)	4	9
1742	Plastering, drywall, and insulation work	(S)	(S)	(S)	(S)	(D)	(S)	(D)	(D)	(D)	(S)	(D)
1743	Terrazzo, tile, marble, and mosaic work	10	(D)	(D)	2 784	2 736	(D)	1 065	(S)	34	(D)	(Z)
175	Carpentry and floor work:											
1751	Carpentry	(S)	86	1 314	6 931	5 907	3 816	2 092	1 024	119	21	23
1752	Floor laying and other floor work	(S)	16	194	(D)	959	645	319	(D)	(D)	(Z)	(Z)
1761	Roofing, siding, and sheet metal work	(S)	69	1 720	5 351	5 143	3 161	2 015	208	*76	14	23
1771	Concrete work	24	*116	*2 372	*9 151	(D)	*5 622	*3 216	(D)	*58	52	(D)
1781	Water well drilling	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	(S)	52	1 767	(D)	7 164	4 562	2 602	(D)	(D)	(Z)	(Z)
1793	Glass and glazing work	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work	9	38	1 126	(D)	(D)	2 355	924	(D)	(S)	13	(D)
1795	Wrecking and demolition work	—	—	—	—	—	—	—	—	—	—	—
1796	Installing building equipment, n.e.c. .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1799	Special trade contractors, n.e.c.	(S)	(S)	(S)	(D)	(D)	(S)	(S)	(D)	(S)	(S)	(D)

NJ-22 NEW JERSEY

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	C	D	E	F	G	H	I	B	E
15,16,17	PHILADELPHIA–WILMINGTON–ATLANTIC CITY, PA–NJ–DE–MD CMSA—Con.											
	Wilmington–Newark, DE–MD PMSA											
	Construction industries ----- (See appropriate State for SIC detail.)	1 464	13 797	365 890	1 459 648	1 108 951	696 784	439 709	350 697	23 149	1	1

Contents

New York

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

	Page
Summary of Findings	2

FIGURES

1. Value of Construction Work by Type of Construction	3
2. Selected Costs per Dollar Value of Business Done	3

TABLES

Statistics for Establishments With and Without Payroll

1. Summary Statistics by Industry: 1992 and 1987	5
--	---

Statistics for Establishments With Payroll

2. General Statistics by Industry: 1992 and 1987	6
3. Detailed Statistics: 1992 and Earlier Census Years	8
4. Assets, Capital Expenditures, and Depreciation: 1992 and 1987	9
5. Value of Inventories: 1992 and 1991	9
6. Selected Statistics by Employment Size Class: 1992 and 1987	10
7. Selected Statistics by Size Class of Dollar Value of Business Done: 1992 and 1987	10
8. Value of Construction Work by Type of Construction: 1992 and 1987	11
9. Quarterly Construction Worker Employment by Industry: 1992	12
10. Selected Industry Ratios in This State: 1992	13
11. Selected Statistics for Selected Metropolitan Areas: 1992	14

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for New York. 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 108,270 establishments in this State operating in the construction industries. These establishments accounted for \$33.7 billion in total dollar value of business done.

Most of the 108,270 construction establishments were small. Of the total, 71,720 were nonemployers, and over half of the employer establishments had less than 5 employees. The 12,319 construction establishments with 5 employees or more, while representing only 11 percent of all establishments, accounted for more than 80 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$31.3 billion in total dollar value of business done. Of this amount, \$30.7 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$7.5 billion, leaving net value of construction work of \$23.3 billion. In addition, these establishments paid out \$10.0 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 \$14.8 billion. (See Introduction and appendixes for explanation of terms.)

There were 36,550 establishments with total employment averaging 257,391 during the year. Total payroll for 1992 was \$7.6 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 71,720 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$2.3 billion. 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 

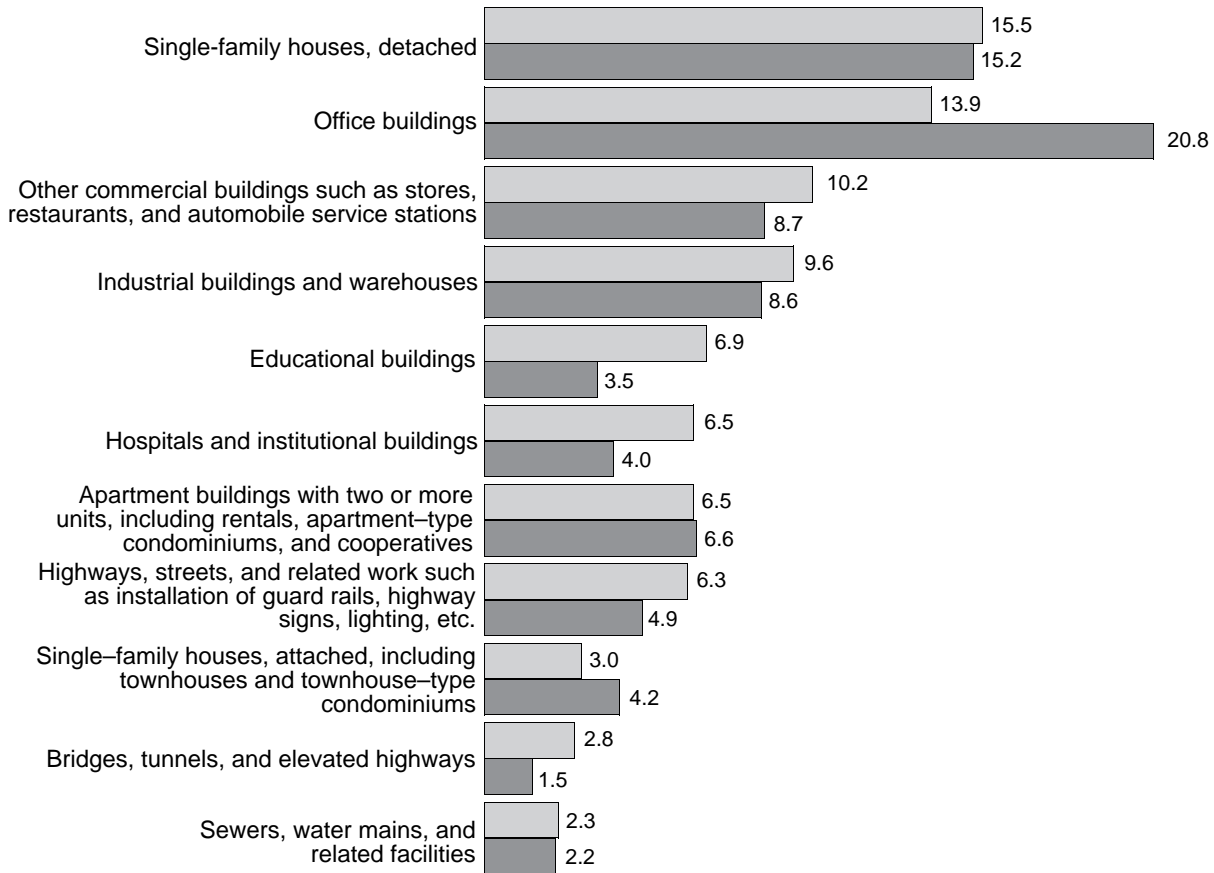




Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

1992 
1987 

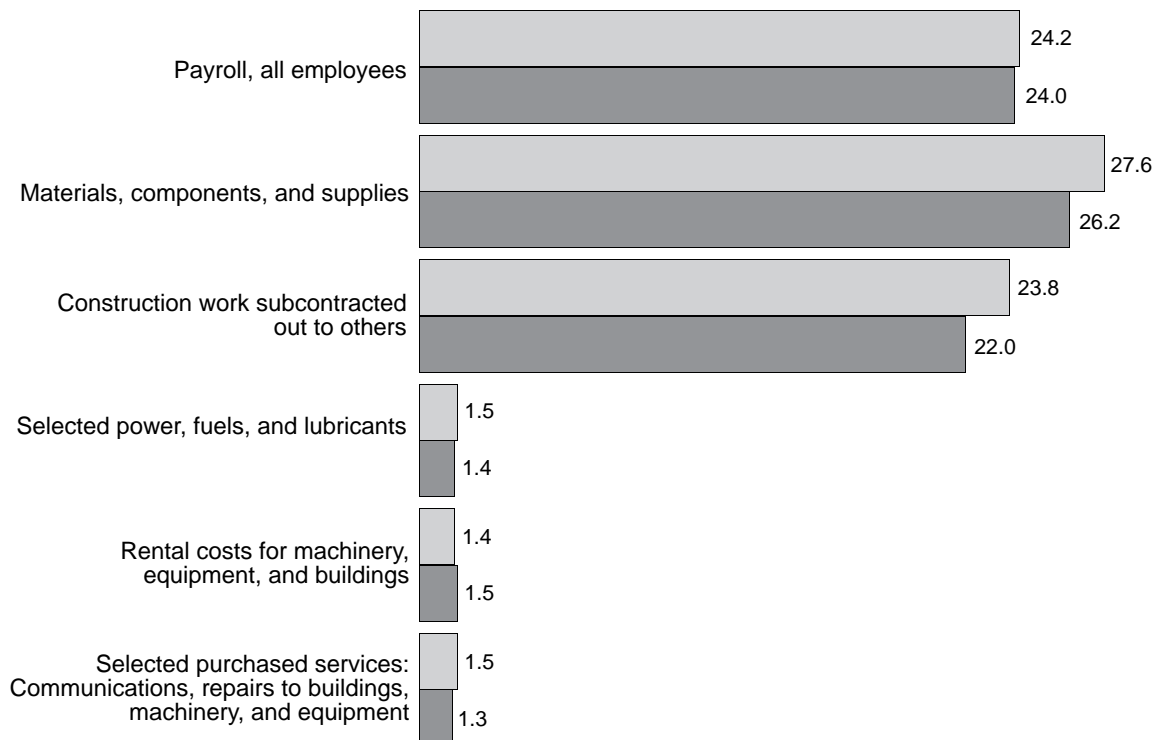


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

[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	K	
1992															
15, 16, 17	Construction industries -----	108 270	76 999	257 391	33 690 533	71 720	67 290	2 341 927	36 550	9 709	257 391	31 348 606	(Z)	(Z)	
15	Building construction—General contractors and operative builders ----	23 867	13 654	57 724	12 154 787	13 317	10 897	856 279	10 550	2 757	57 724	11 298 508	1	1	
16	Heavy construction other than building construction—contractors -----	2 553	963	30 063	4 582 115	724	627	30 863	1 829	336	30 063	4 551 252	1	1	
17	Special trade contractors -----	81 850	62 381	169 604	16 953 632	57 679	55 766	1 454 785	24 171	6 615	169 604	15 498 847	1	1	
1711	Plumbing, heating, and air-conditioning --	10 236	5 802	37 160	4 258 345	5 210	4 866	185 568	5 026	936	37 160	4 072 777	1	1	
1731	Electrical work -----	8 461	4 890	35 867	3 566 430	4 563	4 236	108 838	3 898	654	35 867	3 457 592	1	1	
1987															
15, 16, 17	Construction industries ² -----	104 913	71 412	326 979	38 961 146	68 036	64 942	4 289 938	36 877	6 470	326 979	34 671 208	(Z)	1	
15	Building construction—General contractors and operative builders ----	25 546	14 108	80 421	14 824 996	14 482	12 369	1 458 061	11 064	1 739	80 421	13 366 935	1	1	
16	Heavy construction other than building construction—contractors -----	2 185	742	33 186	4 045 853	547	487	83 537	1 638	255	33 186	3 962 316	1	1	
17	Special trade contractors -----	75 490	55 643	211 276	18 988 213	51 794	51 211	1 928 396	23 696	4 432	211 276	17 059 817	1	(Z)	
1711	Plumbing, heating, and air-conditioning --	9 210	5 090	42 058	4 234 523	4 570	4 432	244 840	4 640	658	42 058	3 989 683	1	1	
1731	Electrical work -----	7 528	4 359	45 658	3 975 944	3 929	3 809	147 625	3 599	550	45 658	3 828 319	1	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	E	F	G	H		
15, 16, 17	Construction industries¹	36 550	257 391	193 972	7 572 256	5 308 972	30 716 613	23 250 658	14 768 059
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses	6 638	20 907	15 309	385 146	269 085	2 185 871	1 617 622	855 481
1522	Other residential buildings	791	5 273	3 721	134 785	81 135	830 709	482 065	277 090
1531	Operative builders	828	4 228	1 995	122 446	44 212	1 318 436	843 844	485 367
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses	411	4 767	3 268	164 576	101 526	1 020 051	497 458	325 880
1542	Nonresidential buildings, n.e.c.	1 883	22 550	14 981	790 218	456 267	5 563 580	2 296 448	1 465 237
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction	536	10 744	8 563	377 271	281 816	1 650 334	1 374 730	862 025
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction	96	4 232	3 462	184 300	137 555	760 910	565 471	387 577
1623	Water, sewer, and utility lines	455	7 766	6 193	269 170	206 139	922 895	815 585	597 590
1629	Heavy construction, n.e.c.	742	7 322	5 589	263 833	179 875	1 132 037	880 949	587 640
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning	5 026	37 160	26 743	1 142 038	781 545	4 037 256	3 435 502	2 062 954
1721	Painting and paper hanging	2 092	11 155	9 382	242 732	190 233	644 565	605 022	452 106
1731	Electrical work	3 898	35 867	28 030	1 240 243	933 598	3 439 187	3 283 874	2 120 531
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework	1 435	7 934	6 697	192 976	150 563	601 515	528 536	356 334
1742	Plastering, drywall, and insulation work	835	10 241	8 454	333 207	260 072	908 644	817 962	566 611
1743	Terrazzo, tile, marble, and mosaic work	454	2 438	1 766	68 978	49 198	215 374	203 555	125 818
175	Carpentry and floor work:								
1751	Carpentry	3 112	11 293	8 982	236 553	177 896	886 633	790 587	470 761
1752	Floor laying and other floor work	686	2 568	1 944	63 156	44 665	250 779	225 052	131 538
1761	Roofing, siding, and sheet metal work	1 655	10 777	8 232	286 097	198 498	934 882	856 800	531 697
1771	Concrete work	1 332	8 127	6 579	180 763	135 632	660 760	613 897	370 589
1781	Water well drilling	146	599	439	14 309	10 460	51 396	49 839	29 851
179	Miscellaneous special trade contractors:								
1791	Structural steel erection	282	2 976	2 294	104 578	74 599	306 554	273 211	200 382
1793	Glass and glazing work	341	2 234	1 546	58 471	37 841	190 450	182 022	110 023
1794	Excavation work	884	4 627	3 646	121 889	95 265	451 170	400 535	287 544
1795	Wrecking and demolition work	63	1 101	915	25 583	18 771	88 750	79 720	66 073
1796	Installing building equipment, n.e.c.	307	6 830	5 141	250 761	182 574	629 624	606 071	458 732
1799	Special trade contractors, n.e.c.	1 622	13 677	10 100	318 176	209 952	1 034 251	924 301	582 626

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				
9 114 592	7 465 955	8 097 102	442 685	324 994	3 758 837	326 979	33 594 491	17 131 349	(Z)	(Z)	2	15, 16, 17
795 035	568 249	95 098	18 305	20 627	177 134	28 883	2 494 522	1 052 516	2	3	10	152
214 158	348 643	24 306	7 519	5 699	46 798	6 378	943 638	321 663	6	6	17	1522
422 534	474 592	4 874	3 920	5 962	109 500	7 506	2 140 888	684 003	5	5	17	1531
194 308	522 593	49 192	11 385	5 263	88 649	7 435	1 171 459	435 828	4	3	8	154
1 082 208	3 267 132	254 105	41 589	28 656	258 223	30 219	6 007 129	1 989 955	2	2	5	1542
												16
558 087	275 604	297 721	47 639	36 488	509 890	14 372	1 689 221	907 846	2	3	4	1611
188 183	195 440	49 209	21 846	11 569	145 104	3 583	323 040	176 688	1	2	4	162
233 792	107 310	161 456	30 995	21 759	249 488	6 771	682 317	445 462	2	2	17	1622
306 915	251 088	197 367	27 956	28 242	308 463	8 460	1 142 148	604 195	3	2	9	1623
												17
1 408 069	601 754	1 666 553	52 873	39 104	394 765	42 058	3 951 782	2 137 461	1	1	9	1711
154 882	39 544	281 170	9 604	8 163	57 228	12 182	675 524	487 626	3	3	9	1721
1 181 748	155 313	1 579 533	45 158	25 918	278 394	45 658	3 803 434	2 560 106	1	1	5	1731
176 136	72 979	317 368	9 006	9 034	83 208	11 026	722 348	472 945	4	3	13	174
255 819	90 681	753 466	10 942	5 351	66 883	16 365	1 276 255	812 851	2	2	10	1741
80 672	11 819	150 197	3 127	2 466	34 871	2 441	158 356	99 354	8	7	30	1742
												1743
337 237	96 046	359 282	9 512	8 997	101 627	14 433	973 950	537 670	3	3	13	175
97 875	25 727	118 003	3 494	1 422	18 214	3 602	304 169	171 670	4	6	13	1751
												1752
338 919	78 082	358 558	14 995	12 349	138 116	14 567	1 049 763	618 481	2	2	12	1761
252 567	46 863	291 023	11 738	8 251	151 390	10 998	952 856	556 442	7	3	14	1771
20 219	1 556	*7 761	1 481	1 108	25 472	897	68 799	42 801	7	8	14	1781
												179
81 267	33 343	218 589	8 729	3 478	50 131	4 899	414 577	276 622	4	3	8	1791
82 846	8 428	124 489	3 522	*1 208	20 757	2 471	202 792	107 817	5	5	42	1793
126 113	50 635	229 704	15 289	13 945	211 217	7 028	600 041	426 135	4	4	17	1794
14 682	9 030	31 087	3 962	1 190	22 528	1 533	110 716	89 154	(Z)	(Z)	(Z)	1795
150 706	23 553	165 165	9 845	4 590	60 441	6 952	600 546	438 018	2	1	5	1796
359 616	109 950	311 826	18 251	14 155	150 347	14 166	960 322	581 588	3	3	16	1799

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW YORK NY-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	36 550	36 877	26 521	27 120	(Z)	(Z)	1	1
Proprietors and working partners.....	9 709	6 470	6 146	9 386	2	3	3	3
All employees**	257 391	326 979	245 558	206 021	(Z)	(Z)	1	1
Construction workers:								
March.....	170 732	228 787	172 510	137 514	1	1	1	1
May.....	198 219	262 450	201 775	174 168	(Z)	(Z)	1	1
August.....	214 006	282 147	209 738	185 281	1	(Z)	(Z)	1
November.....	192 930	263 233	198 858	172 848	1	1	1	1
Average.....	193 972	259 154	198 098	167 610	(Z)	(Z)	1	1
Other employees:								
March.....	63 704	66 419	47 101	36 811	1	1	1	1
May.....	63 256	67 747	(NA)	(NA)	1	1	(NA)	(NA)
August.....	63 195	68 879	(NA)	(NA)	1	1	(NA)	(NA)
November.....	63 522	68 280	(NA)	(NA)	1	1	(NA)	(NA)
Average.....	63 419	67 831	(NA)	(NA)	1	1	(NA)	(NA)
Payroll, all employees	7 572 256	8 319 456	4 493 607	2 858 468	(Z)	(Z)	(Z)	(Z)
Payroll, construction workers	5 308 972	6 006 049	3 497 569	2 228 805	(Z)	(Z)	(Z)	(Z)
Payroll, other employees	2 263 285	2 313 407	996 038	629 663	(Z)	(Z)	1	1
First-quarter payroll, all employees	1 661 688	1 783 591	962 335	579 854	(Z)	1	(Z)	1
Fringe benefits, all employees	2 167 921	2 078 848	870 059	643 020	1	(Z)	1	(Z)
Legally required expenditures.....	1 283 853	1 417 665	661 127	309 194	1	(Z)	(Z)	(Z)
Voluntary expenditures.....	884 068	661 182	208 931	333 826	1	1	(Z)	(Z)
Dollar value of business done	31 348 606	34 671 208	18 036 541	10 764 509	(Z)	1	(Z)	(Z)
Value of construction work	30 716 613	33 594 491	17 682 919	10 519 618	(Z)	1	(Z)	(Z)
Value of construction work subcontracted in from others	8 097 102	379 080	4 133 824	2 297 267	1	1	1	1
Other business receipts.....	631 993	697 636	272 740	244 891	2	2	2	2
Net value of construction†	23 250 658	25 981 282	13 647 342	8 150 917	(Z)	(Z)	(Z)	(Z)
Value added††	14 768 059	17 131 349	8 635 210	5 124 726	(Z)	(Z)	(Z)	(Z)
Selected costs	16 580 547	17 160 778	9 320 449	5 555 440	1	1	(Z)	1
Materials, components, and supplies	8 657 740	9 068 136	5 000 493	3 012 597	1	1	1	1
Construction work subcontracted out to others	7 465 955	7 613 209	4 035 577	2 368 702	1	1	1	1
Selected power, fuels, and lubricants.....	456 853	479 432	284 379	174 141	1	1	1	1
Electricity.....	94 367	73 431	49 145	28 654	1	1	1	2
Natural gas.....	19 991	17 050	13 968	9 609	2	1	2	2
Gasoline and diesel fuel	316 444	357 816	202 773	111 457	1	1	1	1
On highway use.....	241 554	281 316	(NA)	(NA)	1	1	(NA)	(NA)
Off highway use.....	74 890	76 500	(NA)	(NA)	2	3	(NA)	(NA)
Other, including lubricating oils and greases.....	26 051	31 133	18 493	24 424	2	2	2	2
Rental cost for machinery, equipment, and buildings	442 685	503 179	219 840	147 877	1	2	1	1
For machinery and equipment	251 390	342 188	162 787	117 106	2	2	1	2
For buildings.....	191 295	160 990	57 053	30 771	2	1	1	1
Selected purchased services	462 909	445 455	224 353	171 126	1	1	1	3
Communication services	165 967	150 778	81 260	66 403	2	1	1	5
Repairs to buildings and other structures	31 181	30 371	13 911	11 523	4	4	2	10
Repairs to machinery and equipment	265 761	264 305	129 182	93 200	2	1	1	3
Ownership of construction projects:								
Value of construction work	30 716 613	33 594 491	17 682 919	10 519 618	(Z)	1	(Z)	(Z)
Government owned	9 322 566	6 695 977	3 830 181	2 927 820	1	1	1	(Z)
Federal	1 362 132	1 212 207	(NA)	(NA)	2	2	(NA)	(NA)
State and local	7 960 435	5 483 769	(NA)	(NA)	2	1	(NA)	(NA)
Privately owned	21 394 047	26 898 514	13 852 738	7 591 798	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	3 589 031	2 787 307	1	2
Capital expenditures, other than land	324 994	504 538	2	2
New	253 391	409 428	3	2
Used	71 602	95 109	4	5
Retirements and disposition of depreciable assets	155 188	99 741	3	4
End-of-year gross book value of depreciable assets	3 758 837	3 192 104	1	2
Depreciation charges during year	401 098	401 845	2	2
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets	527 042	601 852	3	4
Capital expenditures, other than land	38 882	57 288	7	5
New buildings and other structures	28 965	43 783	8	6
Used buildings and other structures	9 917	13 505	11	7
Retirements and disposition of depreciable assets	20 225	18 081	14	14
End-of-year gross book value of depreciable assets	545 699	641 059	3	4
Depreciation charges during year	44 370	55 018	4	4
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets	3 061 989	2 185 454	1	2
Capital expenditures, other than land	286 112	447 249	2	2
New machinery and equipment, including automobiles and trucks	224 427	365 645	3	2
New automobiles and trucks, intended primarily for highway use	88 907	193 327	4	2
Used machinery and equipment, including automobiles and trucks	61 685	81 604	5	5
Retirements and disposition of depreciable assets	134 962	81 660	3	4
End-of-year gross book value of depreciable assets	3 213 138	2 551 044	1	2
Depreciation charges during year	356 729	346 826	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	36 550	(Z)
Value of construction work	30 716 613	(Z)
Establishments with inventories:		
Number	10 611	1
Value of construction work	11 590 484	1
Inventories ¹ :		
End of 1992, materials and supplies	413 033	4
End of 1991, materials and supplies	421 158	5
Establishments with no inventories:		
Number	11 924	1
Value of construction work	11 205 753	1
Establishments not reporting:		
Number	14 015	1
Value of construction work	7 920 376	1

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	36 550	24 231	6 731	3 171	1 732	439	203	32	11	—
All employees**	257 391	43 676	42 583	41 737	51 500	29 732	29 500	11 071	7 592	—
Payroll, all employees	7 572 256	808 640	1 027 994	1 187 804	1 730 504	1 056 050	1 098 856	389 292	273 117	—
Dollar value of business done	31 348 606	4 483 184	4 168 744	4 729 704	6 937 252	4 071 947	4 321 091	1 618 485	1 018 199	—
Value of construction work	30 716 613	4 430 032	4 090 979	4 657 601	6 831 143	4 003 663	4 267 048	1 453 740	982 408	—
Net value of construction work†	23 250 658	3 615 999	3 340 323	3 713 843	4 981 941	2 958 051	3 068 187	923 187	649 127	—
Value added††	14 768 059	2 055 811	2 026 161	2 348 390	3 163 820	1 938 783	2 117 190	657 320	460 585	—
Cost of materials, components, supplies, and fuels	9 114 592	1 613 340	1 391 928	1 437 557	1 924 230	1 087 552	1 005 040	430 612	224 333	—
Cost of construction work subcontracted out to others	7 465 955	814 033	750 656	943 757	1 849 201	1 045 612	1 198 861	530 553	333 281	—
Rental cost for machinery, equipment, and buildings	442 685	55 735	55 693	75 559	98 187	57 298	63 900	20 568	15 745	—
Capital expenditures, other than land	324 994	64 433	48 997	51 523	70 915	40 237	33 477	(S)	7 874	—
End-of-year gross book value of depreciable assets	3 758 837	656 641	575 684	680 390	902 739	434 199	365 599	83 561	60 024	—
1987										
All employees**	326 979	(S)	48 358	55 165	66 923	40 191	39 574	16 720	8 560	7 094
Value of construction work	33 594 491	(S)	4 194 661	5 351 331	6 886 758	4 791 730	4 603 876	2 375 657	1 566 414	(D)
Value added††	17 131 349	(S)	2 087 809	2 704 478	3 533 331	2 424 478	2 471 532	1 198 704	484 402	455 113
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees**	(Z)	2	3	2	1	2	(Z)	(Z)	(Z)	—
Net value of construction work†	(Z)	2	3	2	1	(Z)	(Z)	(Z)	(Z)	—
Capital expenditures, other than land	2	7	9	6	1	(Z)	(Z)	(S)	(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 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	36 550	(S)	(S)	5 736	9 843	6 124	4 188	3 111	1 189	605	440
All employees**	257 391	(S)	(S)	8 482	25 427	28 129	32 685	44 065	32 118	28 916	52 505
Payroll, all employees	7 572 256	(S)	(S)	108 420	423 605	593 802	802 440	1 271 673	1 066 037	1 029 673	2 230 190
Dollar value of business done	31 348 606	(S)	(S)	414 493	1 589 195	2 145 837	2 199 378	4 780 067	4 177 990	4 102 532	11 068 612
Value of construction work	30 716 613	(S)	(S)	411 287	1 571 194	2 120 311	2 870 213	4 696 861	4 110 666	4 034 993	10 751 440
Net value of construction work†	23 250 658	(S)	(S)	385 034	1 452 091	1 895 697	2 499 061	3 876 439	3 309 557	2 949 333	6 742 949
Value added††	14 768 059	(S)	(S)	232 356	876 817	1 151 280	1 521 271	2 411 588	2 089 066	1 882 312	4 516 463
Cost of materials, components, supplies, and fuels	9 114 592	(S)	(S)	155 885	593 275	769 943	1 026 955	1 548 056	1 287 814	1 134 559	2 543 658
Cost of construction work subcontracted out to others	7 465 955	(S)	(S)	(S)	119 103	224 614	371 152	820 423	801 109	1 085 660	4 008 491
Rental cost for machinery, equipment, and buildings	442 685	(S)	(S)	5 598	23 044	35 788	40 004	73 693	63 200	66 982	132 051
Capital expenditures, other than land	324 994	(S)	(S)	9 346	24 665	37 022	40 958	51 906	43 123	40 921	74 922
End-of-year gross book value of depreciable assets	3 758 837	(S)	(S)	85 848	275 344	415 867	441 861	654 009	586 990	473 648	799 988
1987											
All employees**	326 979	(S)	(S)	(S)	(S)	33 530	39 326	56 677	41 335	35 386	74 311
Value of construction work	33 594 491	(S)	(S)	(S)	(S)	2 093 967	2 957 733	5 464 528	4 600 118	4 396 085	11 932 609
Value added††	17 131 349	(S)	(S)	(S)	(S)	1 140 863	1 583 015	2 922 583	2 362 997	2 231 841	5 657 157
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees**	(Z)	(S)	(S)	4	3	3	3	2	1	(Z)	(Z)
Net value of construction work†	(Z)	(S)	(S)	3	3	3	3	2	2	1	(Z)
Capital expenditures, other than land	2	(S)	(S)	12	10	9	10	8	5	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	30 716 613	13 377 460	11 493 159	4 874 349	(Z)	1	1	1
Building construction	23 663 293	10 659 183	9 330 047	3 674 063	1	1	1	1
Single-family houses	5 682 138	3 255 531	1 617 792	808 814	2	3	3	3
Single-family houses, detached	4 773 962	2 678 074	1 392 874	703 014	2	3	3	3
Single-family houses, attached, including townhouses and townhouse-type condominiums	908 176	577 458	224 918	105 800	7	10	8	6
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	1 984 788	539 812	897 593	547 382	3	2	4	5
Other residential buildings, including hotels, motels, and tourist cabins	368 518	142 866	166 205	59 447	5	6	9	5
Office buildings	4 268 001	1 241 900	2 357 958	668 144	1	2	1	2
Other commercial buildings such as stores, restaurants, and automobile service stations	3 137 249	1 499 622	1 055 268	582 359	1	2	2	2
Industrial buildings and warehouses	2 933 560	1 448 856	982 598	502 105	1	1	2	2
Industrial buildings	2 422 362	1 087 165	886 546	448 652	1	2	2	2
Warehouses	511 198	361 692	96 053	53 453	2	2	5	5
Religious buildings	254 105	91 512	107 348	55 245	3	4	5	5
Educational buildings	2 109 293	967 113	954 453	187 726	2	1	3	6
Hospitals and institutional buildings	2 000 236	968 098	873 220	158 918	1	1	2	3
Amusement, social, and recreational buildings, indoors	212 499	82 080	105 701	24 718	3	3	4	11
Other nonresidential buildings	712 908	421 792	211 912	79 204	3	3	3	7
Nonbuilding construction	6 081 675	2 718 277	2 163 112	1 200 287	1	1	1	2
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	1 936 792	665 959	831 889	438 943	2	3	2	5
Outdoor swimming pools	107 755	72 907	14 572	20 276	10	11	13	17
Private driveways and parking areas	211 667	98 258	45 645	67 764	7	11	9	7
Bridges, tunnels, and elevated highways	868 074	186 998	503 091	177 985	2	6	1	4
Marine construction	137 404	60 790	32 489	44 125	2	2	5	2
Conservation and development construction	169 687	111 874	43 580	14 233	6	6	10	4
Power and communication transmission lines, towers, and related facilities	324 769	180 403	69 016	75 350	4	7	3	3
Sewers, water mains, and related facilities	719 363	478 276	135 125	105 962	2	3	3	4
Sewers, sewer lines, septic systems, and related facilities	456 408	188 179	74 010	64 219	3	3	4	5
Water mains and related facilities	262 955	160 097	61 116	41 742	4	6	4	6
Pipeline construction other than sewer or water lines	235 301	144 425	40 667	50 209	2	3	2	3
Mass transit construction	279 797	127 891	118 372	33 534	4	1	8	18
Power plants	187 931	92 805	45 291	49 834	2	2	3	4
Sewage treatment and water treatment plants	458 799	271 973	155 440	31 386	2	2	2	4
Sewage treatment plants	290 159	191 339	77 496	21 324	2	2	4	3
Water treatment plants	168 640	80 634	77 944	10 063	2	2	2	8
Other nonbuilding construction	444 337	225 719	127 935	90 684	4	6	7	5
Construction work, n.s.k.	971 645	(NA)	(NA)	(NA)	3	(NA)	(NA)	(NA)
1987								
Value of construction work	33 594 491	17 380 155	10 289 820	3 914 629	1	1	1	1
Building construction	25 821 724	14 222 094	8 578 801	3 020 832	1	1	1	1
Single-family houses	6 498 756	4 461 415	1 451 238	586 102	2	3	3	3
Single-family houses, detached	5 101 827	3 285 225	1 313 058	503 543	2	3	3	3
Single-family houses, attached, including townhouses and townhouse-type condominiums	1 396 928	1 176 190	138 179	82 558	5	5	7	7
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	2 220 823	1 243 672	596 036	381 114	2	2	5	3
Other residential buildings, including hotels, motels, and tourist cabins	934 118	539 864	273 277	120 977	3	3	6	6
Office buildings	6 996 574	3 167 353	3 123 026	706 195	1	1	1	2
Other commercial buildings such as stores, restaurants, and automobile service stations	2 907 629	1 496 201	963 432	447 995	1	2	2	2
Industrial buildings and warehouses	2 880 100	1 569 977	860 109	450 014	2	2	2	2
Industrial buildings	2 420 931	1 277 078	744 316	399 537	2	2	2	2
Warehouses	459 169	292 898	115 793	50 477	3	4	5	4
Religious buildings	198 283	76 424	73 315	48 543	4	6	8	5
Educational buildings	1 168 165	537 203	525 353	105 607	2	2	3	3
Hospitals and institutional buildings	1 328 126	673 830	547 918	106 378	1	2	2	5
Amusement, social, and recreational buildings, indoors	154 263	86 471	51 136	16 656	4	4	5	6
Other nonresidential buildings	534 887	369 684	113 961	51 251	3	3	8	15
Nonbuilding construction	5 762 878	3 158 061	1 711 019	893 797	1	1	2	2
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	1 662 564	745 378	605 795	311 390	2	2	4	2
Outdoor swimming pools	170 350	131 766	15 861	22 723	10	11	22	16
Private driveways and parking areas	194 278	125 630	31 149	37 499	7	8	12	12
Bridges, tunnels, and elevated highways	503 608	277 719	148 895	76 993	1	1	1	7
Power and communication transmission lines, towers, and related facilities	477 307	292 899	141 497	42 910	2	3	1	8
Sewers, water mains, and related facilities	736 052	531 484	113 986	90 581	3	3	6	5
Sewers, sewer lines, septic systems, and related facilities	446 568	317 644	68 371	60 553	3	3	7	6
Water mains and related facilities	289 484	213 840	45 615	30 028	3	3	8	6
Pipeline construction other than sewer or water lines	163 036	76 596	35 178	51 261	5	6	3	10
Mass transit construction	438 944	130 339	269 567	39 038	1	1	(Z)	4
Power plants	156 009	61 034	45 660	49 314	3	3	6	4
Sewage treatment and water treatment plants	466 414	347 862	97 826	20 725	3	4	4	3
Sewage treatment plants	381 420	297 007	70 000	14 412	4	5	2	3
Water treatment plants	84 994	50 855	27 825	6 313	6	5	13	9
Other nonbuilding construction	794 316	437 354	205 605	151 363	(NA)	(NA)	(NA)	(NA)
Construction work, n.s.k.	2 009 889	(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 -----	36 550	193 972	170 732	198 219	214 006	192 930	(Z)	(Z)	1	(Z)	1	1
15	Building construction—General contractors and operative builders:												
152	General contractors, residential buildings:												
1521	Single-family houses -----	6 638	15 309	13 816	15 514	16 992	14 916	2	3	3	3	3	3
1522	Other residential buildings -----	791	3 721	3 233	3 803	3 940	3 909	8	6	6	6	6	7
1531	Operative builders -----	828	1 995	1 915	2 059	2 123	1 885	6	7	7	7	7	7
154	General contractors, nonresidential buildings:												
1541	Industrial buildings and warehouses -----	411	3 268	3 086	3 125	3 334	3 527	9	4	4	4	4	5
1542	Nonresidential buildings, n.e.c. ---	1 883	14 981	13 483	15 215	16 445	14 783	4	2	2	2	2	2
16	Heavy construction other than building construction—contractors:												
1611	Highway and street construction ----	536	8 563	4 738	9 791	10 889	8 834	6	2	3	3	3	2
162	Heavy construction, except highway:												
1622	Bridge, tunnel, and elevated highway construction -----	96	3 462	2 558	3 389	4 214	3 685	11	1	1	2	1	1
1623	Water, sewer, and utility lines ----	455	6 193	5 340	6 403	6 901	6 127	7	2	2	2	2	2
1629	Heavy construction, n.e.c. -----	742	5 589	4 117	5 844	6 443	5 955	6	3	3	3	3	3
17	Special trade contractors:												
1711	Plumbing, heating, and air-conditioning -----	5 026	26 743	25 981	26 561	28 103	26 326	1	1	1	1	1	1
1721	Painting and paper hanging -----	2 092	9 382	6 843	10 456	11 913	8 316	2	3	3	3	3	3
1731	Electrical work -----	3 898	28 030	28 504	27 587	28 731	27 299	1	1	1	1	1	1
174	Masonry, stonework, tile setting, and plastering:												
1741	Masonry, stone setting, and other stonework -----	1 435	6 697	5 219	6 997	7 413	7 157	4	4	3	4	4	5
1742	Plastering, drywall, and insulation work -----	835	8 454	8 375	8 357	8 735	8 349	5	2	2	2	2	3
1743	Terrazzo, tile, marble, and mosaic work -----	454	1 766	1 777	1 877	1 817	1 592	8	8	7	8	8	8
175	Carpentry and floor work:												
1751	Carpentry -----	3 112	8 982	8 185	9 289	9 610	8 843	2	3	3	3	3	3
1752	Floor laying and other floor work --	686	1 944	1 929	1 995	2 027	1 825	5	4	4	4	4	6
1761	Roofing, siding, and sheet metal work -----	1 655	8 232	6 390	8 156	9 599	8 782	3	3	3	3	3	3
1771	Concrete work -----	1 332	6 579	3 898	7 157	8 019	7 242	4	7	11	6	6	10
1781	Water well drilling -----	146	439	417	419	464	457	2	7	7	7	8	10
179	Miscellaneous special trade contractors:												
1791	Structural steel erection -----	282	2 294	2 278	2 375	2 349	2 172	11	4	5	4	4	4
1793	Glass and glazing work -----	341	1 546	1 501	1 558	1 657	1 469	8	5	4	5	5	5
1794	Excavation work -----	884	3 646	2 685	3 761	4 334	3 804	6	5	5	4	5	5
1795	Wrecking and demolition work ----	63	915	857	936	987	881	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
1796	Installing building equipment, n.e.c. -----	307	5 141	5 309	4 775	5 179	5 303	6	3	3	3	3	3
1799	Special trade contractors, n.e.c. ---	1 622	10 100	8 297	10 820	11 790	9 492	5	3	3	3	4	3

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 -----	7.0	29.4	158.4	.247	.297	.243	.264	.014
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses -----	3.2	18.4	142.8	.176	.364	.260	.044	.008
1522	Other residential buildings -----	6.7	25.6	223.2	.162	.258	.420	.029	.009
1531	Operative builders -----	5.1	29.0	660.9	.093	.320	.360	.004	.003
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses -----	11.6	34.5	312.1	.161	.190	.512	.048	.011
1542	Nonresidential buildings, n.e.c. -----	12.0	35.0	371.4	.142	.195	.587	.046	.007
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction -----	20.1	35.1	192.7	.229	.338	.167	.180	.029
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction -----	44.1	43.5	219.8	.242	.247	.257	.065	.029
1623	Water, sewer, and utility lines -----	17.1	34.7	149.0	.292	.253	.116	.175	.034
1629	Heavy construction, n.e.c. -----	9.9	36.0	202.5	.233	.271	.222	.174	.025
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning -----	7.4	30.7	151.0	.283	.349	.149	.413	.013
1721	Painting and paper hanging -----	5.3	21.8	68.7	.377	.240	.061	.436	.015
1731	Electrical work -----	9.2	34.6	122.7	.361	.344	.045	.459	.013
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework -----	5.5	24.3	89.8	.321	.293	.121	.528	.015
1742	Plastering, drywall, and insulation work -----	12.3	32.5	107.5	.367	.282	.100	.829	.012
1743	Terrazzo, tile, marble, and mosaic work -----	5.4	28.3	122.0	.320	.375	.055	.697	.015
175	Carpentry and floor work:								
1751	Carpentry -----	3.6	20.9	98.7	.267	.380	.108	.405	.011
1752	Floor laying and other floor work -----	3.7	24.6	129.0	.252	.390	.103	.471	.014
1761	Roofing, siding, and sheet metal work -----	6.5	26.5	113.6	.306	.363	.084	.384	.016
1771	Concrete work -----	6.1	22.2	100.4	.274	.382	.071	.440	.018
1781	Water well drilling -----	4.1	23.9	117.1	.278	.393	.030	*.151	.029
179	Miscellaneous special trade contractors:								
1791	Structural steel erection -----	10.5	35.1	133.6	.341	.265	.109	.713	.028
1793	Glass and glazing work -----	6.5	26.2	123.2	.307	.435	.044	.654	.018
1794	Excavation work -----	5.2	26.3	123.7	.270	.280	.112	.509	.034
1795	Wrecking and demolition work -----	17.5	23.2	97.0	.288	.165	.102	.350	.045
1796	Installing building equipment, n.e.c. -----	22.2	36.7	122.5	.398	.239	.037	.262	.016
1799	Special trade contractors, n.e.c. -----	8.4	23.3	102.4	.308	.348	.106	.301	.018

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
15,16, 17	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA CMSA											
	Construction industries -----	42 350	293 351	9 218 472	37 414 756	28 282 143	18 392 725	10 662 353	9 132 613	369 395	(Z)	(Z)
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	7 113	21 794	432 130	2 472 841	1 798 370	985 496	848 216	674 471	20 780	2	3
1522	Other residential buildings -----	835	5 490	153 426	927 370	551 355	337 646	224 493	376 015	4 926	5	6
1531	Operative builders -----	1 018	6 282	181 447	2 108 389	1 398 163	896 224	583 977	710 226	10 621	4	5
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	473	6 777	228 107	1 478 248	721 385	485 489	256 717	756 863	6 091	3	3
1542	Nonresidential buildings, n.e.c. -----	2 184	25 875	942 296	6 760 487	2 879 876	1 837 012	1 345 434	3 880 610	31 176	2	1
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction ----	648	11 541	420 833	1 779 832	1 448 854	921 211	565 867	330 978	42 479	2	2
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	78	4 397	198 889	823 663	632 063	445 470	199 490	191 600	10 308	1	1
1623	Water, sewer, and utility lines -----	466	9 358	355 962	1 249 484	1 065 185	789 931	296 065	184 299	27 771	2	2
1629	Heavy construction, n.e.c. -----	676	10 703	438 031	1 750 592	1 442 084	1 059 465	466 715	308 508	29 103	2	1
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning -----	6 509	42 500	1 392 063	4 696 119	4 054 819	2 482 719	1 610 349	641 300	44 984	1	1
1721	Painting and paper hanging -----	2 460	11 826	280 880	750 105	701 211	534 363	171 438	48 895	9 868	3	2
1731	Electrical work -----	5 212	42 806	1 529 521	4 135 160	3 952 544	2 587 075	1 383 066	182 616	29 419	1	1
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work -----	1 740	8 920	215 431	720 061	626 354	420 524	210 129	93 707	6 858	3	3
1742	Plastering, drywall, and insulation work -----	959	11 663	399 161	1 061 626	954 210	670 604	289 450	107 416	9 942	3	2
1743	Terrazzo, tile, marble, and mosaic work -----	560	2 518	72 380	227 457	212 009	135 777	78 384	15 448	2 410	8	7
175	Carpentry and floor work:											
1751	Carpentry -----	3 414	12 366	283 674	1 082 162	945 907	562 093	401 491	136 255	(S)	3	4
1752	Floor laying and other floor work ----	756	3 529	94 519	358 405	320 221	190 894	138 062	38 184	(S)	3	5
1761	Roofing, siding, and sheet metal work -----	1 817	10 839	307 237	976 792	882 317	563 423	324 331	94 475	12 679	2	2
1771	Concrete work -----	1 218	7 659	190 507	639 068	591 850	359 217	241 033	47 218	9 701	7	4
1781	Water well drilling -----	127	694	21 589	78 340	73 778	45 316	28 540	4 562	1 335	7	6
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	275	3 229	117 785	365 864	324 796	239 101	88 923	41 068	2 428	5	2
1793	Glass and glazing work -----	403	2 449	67 938	215 385	204 561	122 457	89 496	10 823	1 744	5	4
1794	Excavation work -----	926	4 876	140 467	476 199	427 018	302 804	134 726	49 181	20 201	4	5
1795	Wrecking and demolition work -----	90	1 668	38 783	141 649	126 897	106 930	23 890	14 752	1 945	2	3
1796	Installing building equipment, n.e.c. -	339	7 802	311 525	841 241	792 198	565 583	228 917	49 042	4 371	1	(Z)
1799	Special trade contractors, n.e.c. -----	2 056	15 790	403 891	1 298 219	1 154 116	745 902	433 154	144 102	16 943	3	3
	Bergen-Passaic, NJ PMSA											
15,16, 17	Construction industries -----	3 805	27 827	877 468	3 341 538	2 675 177	1 825 453	968 390	666 362	32 405	1	1
	(See appropriate State for SIC detail.)											
	Bridgeport, CT PMSA											
15,16, 17	Construction industries -----	1 032	5 940	178 098	698 909	529 942	347 931	194 890	168 967	8 091	3	3
	(See appropriate State for SIC detail.)											
	Danbury, CT PMSA											
15,16, 17	Construction industries -----	710	3 255	98 901	453 931	324 836	195 875	133 634	129 095	6 059	4	4
	(See appropriate State for SIC detail.)											

NY-14 NEW YORK

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
	NEW YORK—NORTHERN NEW JERSEY—LONG ISLAND, NY—NJ—CT—PA CMSA—Con.											
	Dutchess County, NY PMSA											
15,16,17	Construction industries	742	4 096	114 520	489 015	375 227	231 309	156 061	113 789	6 023	5	6
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	138	387	7 277	63 296	45 417	19 018	26 621	*17 880	629	21	25
1522	Other residential buildings	*20	*69	*964	*5 048	*4 252	*2 544	*1 708	*796	(D)	57	53
1531	Operative builders	(S)	185	(S)	(S)	(S)	(S)	*13 167	14 207	*127	37	(S)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	*16	(S)	7 173	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1542	Nonresidential buildings, n.e.c.	(S)	(S)	(S)	(S)	(S)	16 146	(S)	(S)	517	(S)	(S)
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	11	238	5 504	*31 334	*22 771	*14 717	*8 180	*8 563	865	23	46
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	—	—	—	—	—	—	—	—	—	—	—
1623	Water, sewer, and utility lines	*7	69	1 647	(D)	6 606	4 153	(D)	(D)	(D)	22	12
1629	Heavy construction, n.e.c.	12	160	5 340	19 485	16 467	11 769	4 717	3 018	327	2	2
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	(S)	712	26 480	88 103	72 201	46 595	25 748	15 903	1 142	10	7
1721	Painting and paper hanging	33	218	4 265	10 519	10 107	7 378	*2 738	412	538	35	37
1731	Electrical work	65	354	10 975	33 230	31 967	17 696	14 431	*1 263	623	16	15
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	(S)	(S)	(S)	(S)	(S)	(S)	(S)	297	(D)	(S)	(S)
1742	Plastering, drywall, and insulation work	(S)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	102	(D)	(D)
1743	Terrazzo, tile, marble, and mosaic work	—	—	—	—	—	—	—	—	—	—	—
175	Carpentry and floor work:											
1751	Carpentry	71	226	4 967	19 113	17 402	*9 342	8 175	*1 711	252	34	36
1752	Floor laying and other floor work	*19	*36	632	*2 631	*2 631	*1 606	*1 025	—	(D)	46	44
1761	Roofing, siding, and sheet metal work	(S)	(S)	(S)	(S)	(S)	3 104	(S)	(S)	62	(S)	(S)
1771	Concrete work	(S)	(S)	*2 430	8 846	8 659	5 414	(S)	(S)	*280	(S)	37
1781	Water well drilling	*2	*17	*479	*1 502	*1 502	*1 094	*408	—	*22	72	71
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	—	—	—	—	—	—	—	—	—	—	—
1793	Glass and glazing work	*3	*21	*592	(D)	(D)	*941	*1 300	(D)	—	66	(D)
1794	Excavation work	38	(S)	(S)	(D)	(D)	(S)	1 639	(D)	—	(S)	(D)
1795	Wrecking and demolition work	1	(D)	(D)	(D)	(D)	(D)	(D)	—	—	(D)	(D)
1796	Installing building equipment, n.e.c.	2	(D)	(D)	(D)	(D)	(D)	(D)	—	—	(D)	(D)
1799	Special trade contractors, n.e.c.	45	297	5 968	24 383	22 889	12 999	11 358	1 494	125	21	16
	Jersey City, NJ PMSA											
15,16,17	Construction industries	776	5 896	188 387	674 560	558 706	369 589	196 350	115 854	5 989	3	4
	(See appropriate State for SIC detail.)											
	Middlesex—Somerset—Hunterdon, NJ PMSA											
15,16,17	Construction industries	2 765	19 015	604 438	2 620 186	2 000 280	1 247 470	789 895	619 906	29 971	1	2
	(See appropriate State for SIC detail.)											
	Monmouth—Ocean, NJ PMSA											
15,16,17	Construction industries	2 725	15 377	418 295	2 128 055	1 594 996	1 004 473	631 216	533 059	25 342	2	3
	(See appropriate State for SIC detail.)											

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW YORK NY—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
	NEW YORK—NORTHERN NEW JERSEY—LONG ISLAND, NY—NJ—CT—PA CMSA—Con.											
	Nassau—Suffolk, NY PMSA											
15,16,17	Construction industries	8 068	44 952	1 224 727	4 994 826	3 872 198	2 440 215	1 491 173	1 122 629	54 762	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	1 549	4 715	90 346	534 858	368 726	199 073	180 185	166 132	(S)	5	6
1522	Other residential buildings	(S)	(S)	13 614	85 345	55 083	(S)	23 194	30 261	(D)	(S)	16
1531	Operative builders	155	591	18 580	250 621	170 048	114 231	60 013	80 573	809	11	15
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	(S)	498	14 912	109 390	34 964	24 691	(S)	74 426	(S)	15	16
1542	Nonresidential buildings, n.e.c.	387	3 381	101 669	662 514	301 898	178 526	126 894	360 615	(S)	5	6
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	96	1 541	49 812	239 991	200 761	124 169	83 634	39 230	4 232	7	5
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1623	Water, sewer, and utility lines	(S)	1 209	44 662	139 928	126 329	97 199	29 199	13 599	2 319	4	3
1629	Heavy construction, n.e.c.	(S)	1 638	66 702	254 671	182 065	131 901	53 547	72 606	5 376	8	5
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	1 243	6 728	195 399	681 939	597 751	364 267	237 040	84 188	7 067	3	2
1721	Painting and paper hanging	384	2 099	44 954	120 022	111 993	82 548	29 599	8 030	2 897	5	6
1731	Electrical work	954	5 261	148 341	458 547	427 425	268 998	161 677	31 122	4 466	4	3
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	345	1 790	42 257	136 920	120 976	81 670	39 918	15 943	2 417	7	5
1742	Plastering, drywall, and insulation work	196	1 968	66 523	185 695	171 366	112 841	58 579	14 329	1 409	4	5
1743	Terrazzo, tile, marble, and mosaic work	127	378	10 316	33 649	29 827	19 704	10 202	*3 822	887	16	16
175	Carpentry and floor work:											
1751	Carpentry	697	2 582	57 307	222 192	194 539	112 392	(S)	27 654	2 320	5	6
1752	Floor laying and other floor work	207	833	19 480	75 016	64 240	39 121	27 744	10 776	(S)	8	11
1761	Roofing, siding, and sheet metal work	315	1 656	49 292	153 361	136 301	89 600	46 833	17 060	(S)	7	6
1771	Concrete work	330	2 358	45 302	161 448	153 237	93 053	63 950	8 211	(S)	21	8
1781	Water well drilling	21	170	5 883	17 369	(D)	10 969	5 301	(D)	222	16	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	50	540	22 231	70 974	62 664	44 038	18 653	*8 310	(S)	9	10
1793	Glass and glazing work	83	528	10 249	33 846	33 366	18 091	16 038	*480	592	11	11
1794	Excavation work	(S)	543	15 185	49 236	44 179	34 055	13 345	5 057	3 147	14	12
1795	Wrecking and demolition work	9	83	2 590	6 441	(D)	5 344	487	(D)	117	(Z)	(D)
1796	Installing building equipment, n.e.c.	(S)	441	15 964	47 061	44 821	27 924	17 010	2 239	(D)	7	3
1799	Special trade contractors, n.e.c.	384	2 724	63 173	233 141	196 113	125 763	72 637	37 028	(S)	7	6
	New Haven—Meriden, CT PMSA											
15,16,17	Construction industries	1 351	9 080	282 141	1 101 261	864 400	532 933	350 990	236 861	(S)	3	2

(See appropriate State for SIC detail.)

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
	NEW YORK—NORTHERN NEW JERSEY—LONG ISLAND, NY—NJ—CT—PA CMSA—Con.											
	New York, NY PMSA											
15,16,17	Construction industries	12 358	109 208	3 729 636	14 477 032	10 612 957	7 104 953	3 877 610	3 864 074	119 089	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	174 829	(S)	(S)	(S)
1522	Other residential buildings	503	3 806	101 163	626 007	344 169	212 584	139 886	281 837	3 876	7	7
1531	Operative builders	(S)	(S)	(S)	(S)	(S)	124 461	(S)	(S)	(S)	(S)	(S)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	(S)	(S)	(S)	541 439	(S)	(S)	(S)	304 958	(S)	(S)	(S)
1542	Nonresidential buildings, n.e.c.	791	11 017	436 203	3 033 047	1 172 074	805 621	587 361	1 860 973	13 622	3	2
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	169	4 099	157 125	661 565	535 220	355 161	200 205	126 345	13 765	3	4
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	45	2 664	125 835	541 042	403 766	298 210	114 536	137 276	6 976	1	2
1623	Water, sewer, and utility lines	141	3 380	120 695	441 666	383 213	293 899	98 352	58 454	9 682	3	3
1629	Heavy construction, n.e.c.	(S)	2 189	94 440	455 501	344 347	224 375	121 538	111 153	9 706	3	2
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	1 965	15 916	535 454	1 832 814	1 549 056	955 273	605 170	283 758	16 250	2	2
1721	Painting and paper hanging	872	4 967	134 908	353 077	329 456	254 808	75 927	23 621	(S)	5	4
1731	Electrical work	1 620	20 483	799 200	2 087 583	1 998 837	1 349 452	655 834	88 746	(S)	1	1
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	(S)	2 882	78 929	261 708	216 994	145 843	71 503	44 714	(S)	5	5
1742	Plastering, drywall, and insulation work	287	4 102	148 533	376 951	338 370	250 416	88 841	38 582	(S)	4	3
1743	Terrazzo, tile, marble, and mosaic work	199	1 391	40 765	122 855	117 658	76 108	42 448	5 197	828	12	11
175	Carpentry and floor work:											
1751	Carpentry	(S)	4 211	102 521	335 719	297 162	187 908	(S)	(S)	(S)	4	6
1752	Floor laying and other floor work	(S)	894	26 699	106 790	96 037	55 314	41 229	10 752	(S)	7	10
1761	Roofing, siding, and sheet metal work	494	3 445	104 021	305 260	278 472	189 046	94 515	26 787	5 357	4	4
1771	Concrete work	247	1 740	47 968	168 010	149 735	90 293	60 803	18 276	1 307	7	7
1781	Water well drilling	11	(S)	1 171	(S)	(S)	2 545	(S)	(S)	(D)	(S)	(S)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	117	962	37 628	103 348	89 977	71 078	21 306	13 371	(S)	8	5
1793	Glass and glazing work	134	743	24 339	69 607	66 046	43 298	24 692	3 561	(D)	8	7
1794	Excavation work	173	1 599	50 473	161 330	138 878	91 354	50 531	22 452	4 036	7	9
1795	Wrecking and demolition work	36	777	16 157	54 884	48 423	40 839	7 920	6 461	589	(Z)	(Z)
1796	Installing building equipment, n.e.c.	147	4 224	193 408	459 673	444 197	342 987	102 193	15 476	2 387	1	(Z)
1799	Special trade contractors, n.e.c.	(S)	5 071	132 319	413 231	368 715	234 651	138 290	44 516	3 391	5	6
	Newark, NJ PMSA											
15,16,17	Construction industries	4 737	30 728	994 606	3 889 810	3 123 797	2 026 165	1 151 210	766 012	46 706	1	1

(See appropriate State for SIC detail.)

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
	NEW YORK—NORTHERN NEW JERSEY—LONG ISLAND, NY—NJ—CT—PA CMSA—Con.											
	Newburgh, NY—PA PMSA											
15,16,17	Construction industries	1 035	3 891	101 839	415 465	350 342	206 446	146 555	65 123	6 561	3	4
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	55 551	(D)	(S)	29 408	(D)	(S)	(S)	(D)
1522	Other residential buildings	(S)	*43	*748	*4 662	*3 717	*2 456	*1 261	(S)	(D)	47	47
1531	Operative builders	(S)	145	(S)	47 630	32 840	21 406	12 104	14 790	(S)	23	26
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	3	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(D)
1542	Nonresidential buildings, n.e.c.	37	158	4 229	17 836	(D)	7 032	(S)	(D)	(S)	17	(D)
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	(S)	(S)	(S)	(S)	(D)	(S)	(S)	(D)	(D)	(S)	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	—	—	—	—	—	—	—	—	—	—	—
1623	Water, sewer, and utility lines	27	236	11 395	30 462	28 990	22 392	6 625	1 472	(D)	10	5
1629	Heavy construction, n.e.c.	19	(S)	(S)	(S)	(D)	(S)	(S)	(D)	(S)	(S)	(D)
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	119	460	12 079	52 146	48 453	26 150	23 121	3 692	(S)	9	8
1721	Painting and paper hanging	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1731	Electrical work	101	635	19 349	47 659	46 760	28 744	18 054	898	892	7	7
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	75	188	4 118	14 129	13 748	10 025	3 726	381	(S)	23	25
1742	Plastering, drywall, and insulation work	(S)	(S)	(S)	2 872	2 201	(S)	(D)	671	(S)	(S)	(Z)
1743	Terrazzo, tile, marble, and mosaic work	*16	*48	*834	*3 436	*3 356	*1 914	*1 460	80	—	62	57
175	Carpentry and floor work:											
1751	Carpentry	98	208	4 560	21 648	17 027	9 085	8 047	4 620	144	12	18
1752	Floor laying and other floor work ...	22	80	1 920	7 889	7 277	4 472	2 897	612	(D)	19	13
1761	Roofing, siding, and sheet metal work	44	106	1 979	6 151	5 787	3 775	2 069	(S)	(D)	20	19
1771	Concrete work	(S)	(S)	(S)	(S)	11 499	(S)	4 703	(S)	(S)	(S)	10
1781	Water well drilling	(S)	(S)	(D)	(S)	(S)	(S)	(S)	29	113	(S)	(S)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	4	(D)	(D)	(D)	(D)	(D)	66	(D)	—	(D)	(D)
1793	Glass and glazing work	2	(D)	(D)	(D)	(D)	(D)	—	—	—	(D)	(D)
1794	Excavation work	75	224	4 608	18 027	17 419	12 592	4 939	608	*660	25	27
1795	Wrecking and demolition work	—	—	—	—	—	—	—	—	—	—	—
1796	Installing building equipment, n.e.c. ...	(S)	(S)	(D)	(D)	(D)	(S)	(S)	(D)	(D)	(S)	(D)
1799	Special trade contractors, n.e.c.	42	280	7 891	(D)	(D)	14 716	8 505	(D)	361	16	(D)
	Stamford—Norwalk, CT PMSA											
15,16,17	Construction industries	987	6 211	183 104	1 076 075	620 111	355 313	276 985	455 964	(S)	2	3
	(See appropriate State for SIC detail.)											
	Trenton, NJ PMSA											
15,16,17	Construction industries	691	4 984	137 822	746 410	524 888	345 956	195 957	221 522	5 847	2	1
	(See appropriate State for SIC detail.)											
	Waterbury, CT PMSA											
15,16,17	Construction industries	569	2 891	84 490	307 681	254 285	158 646	101 436	53 396	4 683	6	6
	(See appropriate State for SIC detail.)											

NY-18 NEW YORK

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
	BUFFALO-NIAGARA FALLS, NY MSA											
15,16,17	Construction industries -----	2 770	19 882	511 310	2 223 494	1 731 257	1 044 741	721 901	492 237	29 018	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	520	1 690	30 528	187 406	133 044	62 005	72 671	54 363	1 791	9	11
1522	Other residential buildings -----	47	253	3 895	23 162	13 946	8 166	(D)	9 216	300	19	22
1531	Operative builders -----	82	434	12 363	135 325	85 710	47 967	45 946	49 616	673	18	12
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	44	518	16 860	93 481	48 813	33 992	14 921	44 668	589	9	5
1542	Nonresidential buildings, n.e.c. -----	87	1 011	33 031	343 777	151 996	94 347	61 594	191 781	1 201	5	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	50	929	30 845	133 403	112 124	67 171	48 969	21 279	3 770	6	3
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	8	348	9 971	33 667	28 912	19 504	9 508	4 755	313	4	6
1623	Water, sewer, and utility lines -----	49	553	16 620	57 849	50 479	33 152	18 109	7 370	(S)	14	8
1629	Heavy construction, n.e.c. -----	36	450	13 242	52 875	43 855	29 696	14 220	9 020	1 563	10	9
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning -----	315	2 792	75 487	271 497	227 101	128 192	101 093	44 396	1 837	4	3
1721	Painting and paper hanging -----	177	649	13 955	41 440	39 974	26 683	13 319	1 466	624	11	11
1731	Electrical work -----	205	1 763	52 474	156 999	152 324	89 697	63 838	4 676	1 580	4	3
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work -----	93	776	18 082	49 112	46 440	32 705	14 167	2 672	1 779	11	7
1742	Plastering, drywall, and insulation work -----	65	1 117	30 791	85 788	78 256	53 694	24 966	7 531	328	7	5
1743	Terrazzo, tile, marble, and mosaic work -----	16	116	(D)	13 368	(D)	(D)	6 717	(D)	134	1	(D)
175	Carpentry and floor work:											
1751	Carpentry -----	228	928	13 925	64 230	57 493	32 187	26 644	6 737	*1 214	12	14
1752	Floor laying and other floor work -----	62	232	4 913	19 844	18 508	11 350	7 794	1 336	*251	6	6
1761	Roofing, siding, and sheet metal work -----	175	1 619	42 211	143 058	136 585	79 836	59 594	6 473	2 356	4	5
1771	Concrete work -----	204	1 121	28 186	102 656	96 630	50 221	47 560	6 026	(S)	6	7
1781	Water well drilling -----	-	-	-	-	-	-	-	-	-	-	-
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	19	365	11 713	36 254	33 916	25 183	9 977	2 338	1 351	2	5
1793	Glass and glazing work -----	35	210	5 666	19 576	18 731	9 590	9 176	*845	113	20	14
1794	Excavation work -----	60	362	11 336	61 230	52 977	44 522	9 732	8 252	1 020	13	8
1795	Wrecking and demolition work -----	6	106	(D)	17 165	(D)	(D)	(D)	(D)	(D)	(Z)	(D)
1796	Installing building equipment, n.e.c. -----	30	468	7 912	21 374	(D)	13 875	7 309	(D)	(D)	6	(D)
1799	Special trade contractors, n.e.c. -----	157	1 073	20 102	58 957	54 944	34 164	24 175	4 012	1 947	9	9
	ALBANY-SCHENECTADY-TROY, NY MSA											
15,16,17	Construction industries -----	2 202	16 191	442 078	1 933 524	1 474 339	888 242	615 221	459 185	22 061	2	2
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	437	1 262	24 216	134 826	109 084	54 513	56 551	25 742	1 401	10	13
1522	Other residential buildings -----	(S)	(D)	1 829	12 475	7 127	(D)	5 344	5 348	67	(D)	13
1531	Operative builders -----	92	528	17 685	173 618	106 847	58 162	52 561	66 772	715	15	14
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	24	284	8 200	32 049	21 163	13 717	7 832	10 886	620	14	8
1542	Nonresidential buildings, n.e.c. -----	98	1 639	57 688	379 814	159 066	97 251	62 999	220 749	2 026	5	2
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	21	661	27 505	115 937	98 367	51 111	50 389	17 570	3 530	3	4
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	8	249	12 259	46 911	30 932	16 366	14 847	15 979	990	5	2
1623	Water, sewer, and utility lines -----	27	320	8 996	31 221	27 099	16 257	13 014	4 121	959	12	12
1629	Heavy construction, n.e.c. -----	58	584	17 433	71 283	63 745	38 542	26 989	7 538	1 524	10	11

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW YORK NY-19

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
	ALBANY-SCHENECTADY-TROY, NY MSA—Con.											
15,16,17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning-----	260	2 331	66 770	248 807	215 281	136 374	81 563	33 526	1 632	3	2
1721	Painting and paper hanging-----	88	1 263	12 998	32 741	31 054	21 885	9 542	1 687	*640	5	10
1731	Electrical work-----	181	1 626	50 520	153 363	144 660	81 622	65 467	8 703	1 525	8	6
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work-----	93	379	8 780	27 891	23 022	13 915	9 256	4 869	554	16	11
1742	Plastering, drywall, and insulation work-----	57	873	27 410	77 772	72 621	50 809	22 751	5 150	529	7	5
1743	Terrazzo, tile, marble, and mosaic work-----	30	241	7 114	17 717	16 936	10 934	7 863	*782	411	22	20
175	Carpentry and floor work:											
1751	Carpentry-----	250	581	10 175	54 314	47 952	24 887	23 510	(S)	768	14	18
1752	Floor laying and other floor work-----	39	131	2 597	10 432	10 001	3 800	6 507	431	*113	18	21
1761	Roofing, siding, and sheet metal work-----	103	733	19 183	68 586	65 297	40 837	25 064	3 289	690	6	5
1771	Concrete work-----	100	597	15 112	82 516	76 605	55 481	21 568	5 911	884	9	5
1781	Water well drilling-----	11	76	(D)	(D)	(D)	3 408	(D)	66	(D)	29	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	29	353	11 363	32 470	28 577	20 080	10 105	3 893	595	12	8
1793	Glass and glazing work-----	20	104	2 755	14 913	13 370	8 472	5 743	*1 544	(D)	25	34
1794	Excavation work-----	63	297	5 809	27 241	25 560	17 998	7 795	1 680	(S)	18	14
1795	Wrecking and demolition work-----	2	(D)	(D)	(D)	(D)	(D)	(D)	—	(D)	(D)	(D)
1796	Installing building equipment, n.e.c.-----	21	254	6 313	18 287	17 157	14 475	*3 273	1 130	(S)	21	26
1799	Special trade contractors, n.e.c.-----	59	735	17 137	60 981	55 521	34 320	22 002	5 460	1 197	11	9
	ROCHESTER, NY MSA											
15,16,17	Construction industries-----	2 450	18 015	472 607	2 103 105	1 579 430	891 385	730 158	523 675	25 002	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses-----	431	1 359	27 517	168 649	133 807	68 589	66 329	34 842	2 039	10	11
1522	Other residential buildings-----	18	200	(S)	34 716	24 278	(S)	19 345	(S)	961	18	33
1531	Operative builders-----	87	603	18 478	188 721	122 014	51 322	76 143	66 707	1 403	6	10
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	46	455	14 484	76 659	46 899	31 177	17 915	29 760	642	9	8
1542	Nonresidential buildings, n.e.c.-----	104	1 313	43 190	369 280	132 778	64 689	70 084	236 502	2 477	4	4
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction-----	(S)	933	29 153	122 740	103 959	55 268	52 893	18 781	2 547	3	2
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	(S)	159	4 482	22 718	(D)	7 506	7 913	(D)	381	2	(D)
1623	Water, sewer, and utility lines-----	36	679	21 160	75 573	70 116	41 236	29 649	5 457	2 225	6	4
1629	Heavy construction, n.e.c.-----	47	459	12 343	66 440	51 519	29 189	22 602	14 921	340	11	11
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning-----	293	3 197	92 265	319 823	263 727	157 842	115 787	56 097	2 437	3	3
1721	Painting and paper hanging-----	157	685	12 646	34 802	33 548	22 746	10 874	1 254	204	11	10
1731	Electrical work-----	205	1 960	59 970	186 373	176 748	101 328	76 887	9 625	1 821	4	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work-----	179	752	13 126	39 330	38 477	24 901	15 797	853	772	20	18
1742	Plastering, drywall, and insulation work-----	62	835	24 002	66 138	59 733	37 529	23 807	6 405	(S)	5	6
1743	Terrazzo, tile, marble, and mosaic work-----	24	79	2 300	11 463	(D)	3 771	*7 346	(D)	(D)	21	(D)
175	Carpentry and floor work:											
1751	Carpentry-----	233	832	15 320	51 566	48 334	31 808	16 646	3 232	801	10	10
1752	Floor laying and other floor work-----	40	105	2 278	10 371	9 099	5 133	4 152	1 271	*16	6	10
1761	Roofing, siding, and sheet metal work-----	132	774	17 673	63 616	56 552	30 664	27 761	7 064	283	9	7
1771	Concrete work-----	91	368	6 660	26 028	24 246	13 996	10 340	*1 782	618	15	14

NY-20 NEW YORK

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
ROCHESTER, NY MSA—Con.												
15,16,17	Construction industries—Con.											
1781	Special trade contractors—Con.											
	Water well drilling	(S)	(D)	(D)	(D)	(D)	(D)	(D)	(S)	(D)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	6	67	2 382	5 326	(D)	3 721	2 783	(D)	(D)	(Z)	(D)
1793	Glass and glazing work	20	275	7 278	23 568	22 865	13 932	13 393	703	(D)	8	10
1794	Excavation work	69	353	8 461	34 054	29 815	19 152	11 490	4 239	1 872	11	13
1795	Wrecking and demolition work	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	(D)	(D)
1796	Installing building equipment, n.e.c.	20	730	12 863	46 672	45 776	34 678	12 444	896	634	1	3
1799	Special trade contractors, n.e.c.	(S)	824	18 920	56 886	51 729	34 637	17 242	5 157	(S)	9	10
SYRACUSE, NY MSA												
15,16,17	Construction industries	1 867	13 795	360 508	1 536 864	1 176 248	733 609	475 554	360 616	18 523	2	2
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	341	1 039	16 002	92 203	72 511	34 398	39 821	19 692	692	12	18
1522	Other residential buildings	10	62	1 729	*12 416	*8 309	*2 918	5 525	*4 108	(S)	34	43
1531	Operative builders	54	248	7 501	61 466	35 287	14 952	23 095	26 179	433	22	20
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	23	393	10 110	55 669	35 516	22 207	14 202	20 153	*597	13	13
1542	Nonresidential buildings, n.e.c.	121	1 388	41 381	316 704	141 172	101 721	53 704	175 533	1 294	7	6
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	47	676	22 551	119 905	109 800	75 571	34 491	10 104	1 823	12	9
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	8	347	13 221	49 606	35 837	20 072	16 471	13 770	758	4	8
1623	Water, sewer, and utility lines	41	661	22 889	70 911	64 250	43 370	21 435	6 661	1 469	7	8
1629	Heavy construction, n.e.c.	53	693	22 744	89 233	76 325	50 127	27 441	12 908	1 486	7	4
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	211	1 767	51 016	193 210	163 244	90 272	74 217	29 966	3 273	4	5
1721	Painting and paper hanging	127	479	7 652	20 741	19 336	13 332	6 029	*1 405	(S)	12	10
1731	Electrical work	(S)	1 243	33 409	102 821	97 430	56 796	42 056	5 391	1 827	4	3
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	71	519	13 251	29 891	28 871	18 991	9 905	1 020	457	11	7
1742	Plastering, drywall, and insulation work	49	578	14 810	48 039	41 867	25 927	16 209	6 171	213	10	5
1743	Terrazzo, tile, marble, and mosaic work	(S)	96	2 456	6 871	(D)	4 472	2 275	(D)	(D)	20	(D)
175	Carpentry and floor work:											
1751	Carpentry	(S)	481	9 461	34 561	31 490	18 007	13 516	3 071	*255	11	10
1752	Floor laying and other floor work	(S)	121	2 329	8 989	8 202	5 113	3 110	787	240	8	4
1761	Roofing, siding, and sheet metal work	99	649	14 748	56 638	50 507	30 145	20 694	6 131	756	11	9
1771	Concrete work	75	649	12 155	39 456	34 802	21 520	13 462	4 653	361	26	13
1781	Water well drilling	4	(D)	(D)	(D)	(D)	(D)	(D)	—	(D)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	26	305	9 160	24 804	23 437	17 750	7 238	1 368	168	13	11
1793	Glass and glazing work	15	136	2 924	8 459	7 603	5 455	2 362	856	134	30	16
1794	Excavation work	(S)	222	5 053	24 101	20 754	15 939	5 707	3 347	414	13	13
1795	Wrecking and demolition work	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	(D)	(D)
1796	Installing building equipment, n.e.c.	23	272	7 042	21 797	19 916	13 552	6 390	1 881	691	7	8
1799	Special trade contractors, n.e.c.	76	739	16 243	46 037	40 835	28 736	15 564	5 202	624	14	11

CONSTRUCTION—GEOGRAPHIC AREA SERIES

NEW YORK NY—21

Contents

Pennsylvania

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

	Page
Summary of Findings	2

FIGURES

1. Value of Construction Work by Type of Construction	3
2. Selected Costs per Dollar Value of Business Done	3

TABLES

Statistics for Establishments With and Without Payroll

1. Summary Statistics by Industry: 1992 and 1987	5
--	---

Statistics for Establishments With Payroll

2. General Statistics by Industry: 1992 and 1987	6
3. Detailed Statistics: 1992 and Earlier Census Years	8
4. Assets, Capital Expenditures, and Depreciation: 1992 and 1987	9
5. Value of Inventories: 1992 and 1991	9
6. Selected Statistics by Employment Size Class: 1992 and 1987	10
7. Selected Statistics by Size Class of Dollar Value of Business Done: 1992 and 1987	10
8. Value of Construction Work by Type of Construction: 1992 and 1987	11
9. Quarterly Construction Worker Employment by Industry: 1992	12
10. Selected Industry Ratios in This State: 1992	13
11. Selected Statistics for Selected Metropolitan Areas: 1992	14

Summary of Findings

This report provides results from the 1992 Census of Construction Industries for Pennsylvania. 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 87,339 establishments in this State operating in the construction industries. These establishments accounted for \$26.7 billion in total dollar value of business done.

Most of the 87,339 construction establishments were small. Of the total, 61,117 were nonemployers, and over half of the employer establishments had less than 5 employees. The 9,608 construction establishments with 5 employees or more, while representing only 11 percent of all establishments, accounted for more than 81 percent of the total dollar value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1992, the establishments with paid employees accounted for \$24.6 billion in total dollar value of business done. Of this amount, \$24.0 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$6.0 billion, leaving net value of construction work of \$18.0 billion. In addition, these establishments paid out \$8.2 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 \$11.2 billion. (See Introduction and appendixes for explanation of terms.)

There were 26,222 establishments with total employment averaging 213,478 during the year. Total payroll for 1992 was \$5.6 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 61,117 establishments with no payroll classified as construction. According to administrative records of the Federal Government, their dollar value of business done during 1992 was \$2.1 billion. Most of these establishments, about 81 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 

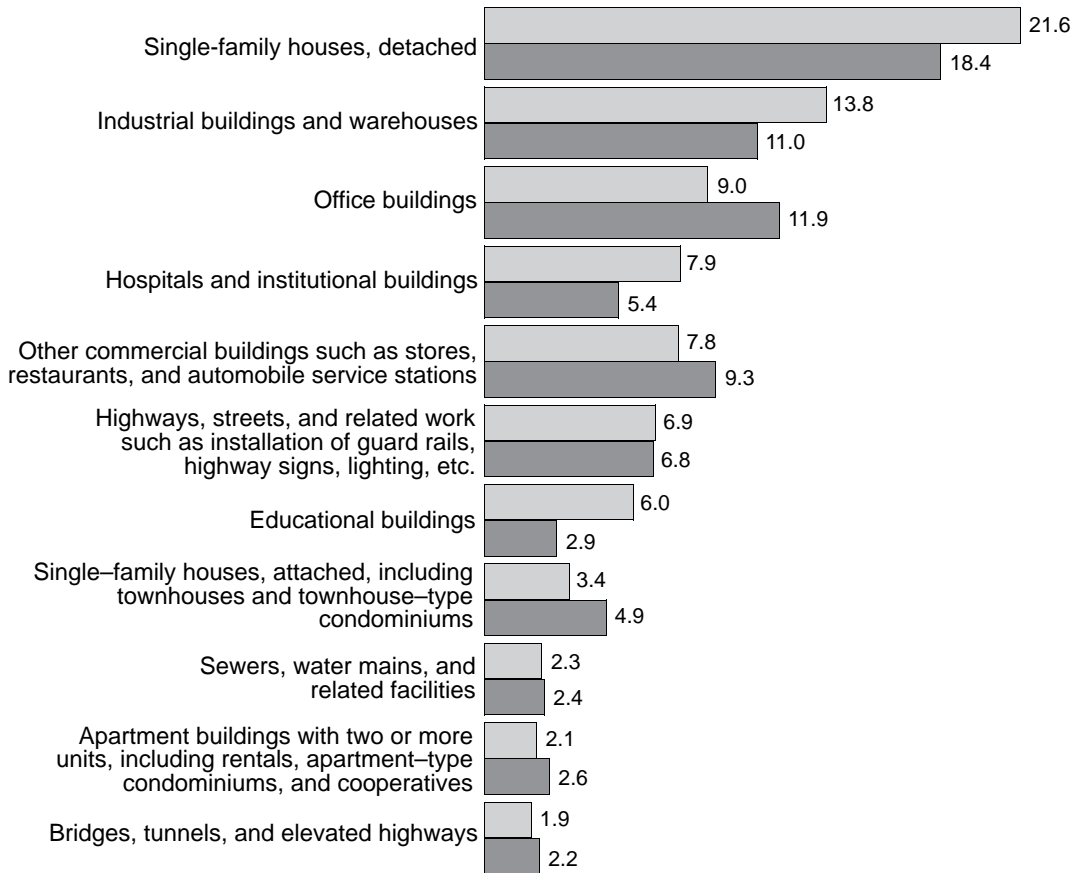




Figure 2. **Selected Costs per Dollar Value of Business Done**
(Percent)

1992 
1987 

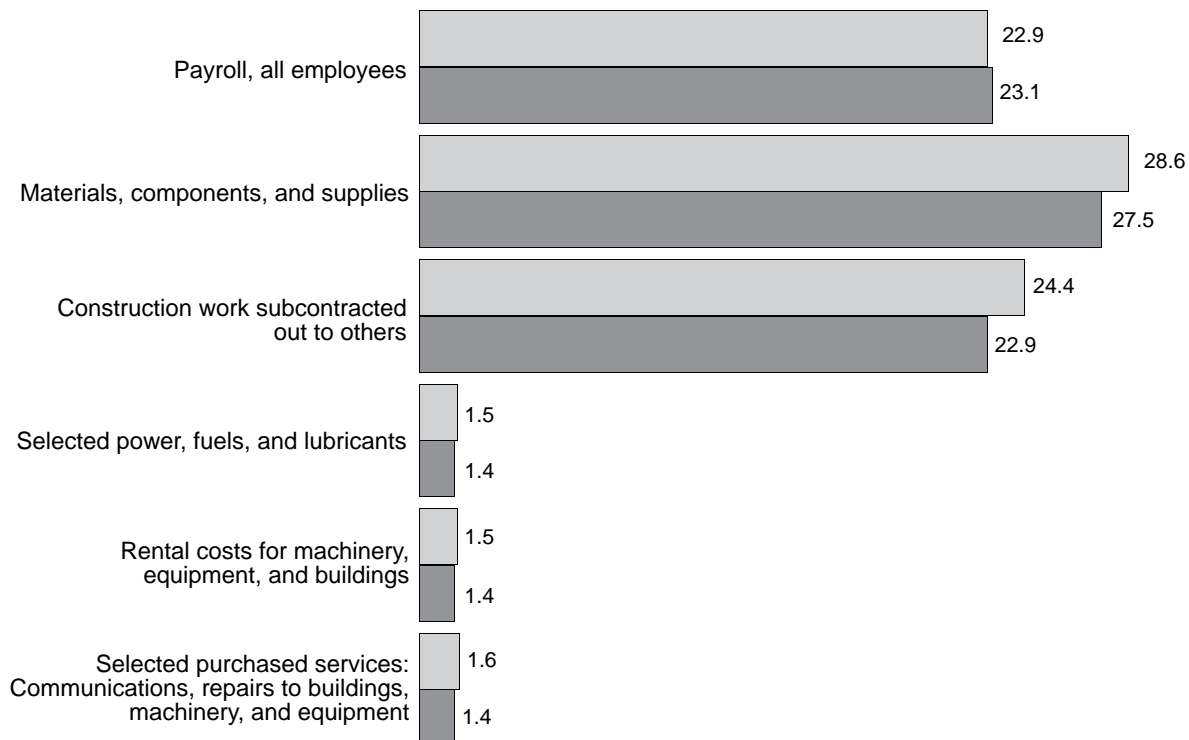


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1992 and 1987

[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— 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 -----	87 339	75 860	213 478	26 653 388	61 117	61 126	2 060 064	26 222	14 734	213 478	24 593 324	(Z)	(Z)
15	Building construction—General contractors and operative builders ----	18 822	15 021	52 835	10 416 159	10 775	10 388	707 449	8 047	4 633	52 835	9 708 710	1	1
16	Heavy construction other than building construction—contractors -----	2 030	1 096	31 670	4 075 895	647	623	29 154	1 383	(S)	31 670	4 046 741	1	1
17	Special trade contractors -----	66 487	59 744	128 973	12 161 334	49 695	50 115	1 323 461	16 792	9 629	128 973	10 837 873	1	1
1711	Plumbing, heating, and air-conditioning --	7 954	6 147	31 411	3 281 452	4 495	4 534	172 889	3 459	1 613	31 411	3 108 563	1	1
1731	Electrical work -----	6 785	5 476	20 713	1 951 323	4 510	4 495	107 089	2 275	981	20 713	1 844 234	1	1
1987														
15, 16, 17	Construction industries ² -----	86 344	70 268	234 314	27 392 699	61 269	61 111	3 964 077	25 075	9 157	234 314	23 428 622	(Z)	1
15	Building construction—General contractors and operative builders ----	19 742	14 104	59 132	10 335 571	12 293	11 581	1 161 300	7 449	2 523	59 132	9 174 271	1	1
16	Heavy construction other than building construction—contractors -----	1 857	878	42 148	4 332 896	553	545	68 301	1 304	333	42 148	4 264 595	1	1
17	Special trade contractors -----	63 112	53 720	132 409	11 596 940	46 937	47 434	1 683 661	16 175	6 286	132 409	9 913 279	1	1
1711	Plumbing, heating, and air-conditioning --	7 592	5 685	27 660	2 601 038	4 412	4 442	218 320	3 180	1 243	27 660	2 382 718	1	2
1731	Electrical work -----	6 172	4 777	20 678	1 683 866	4 137	4 145	129 904	2 035	632	20 678	1 553 962	1	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	26 222	213 478	165 712	5 620 793	4 076 840	24 007 544	18 000 782	11 183 225
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses	5 713	22 485	16 777	410 230	278 387	2 617 485	1 849 481	889 653
1522	Other residential buildings	185	1 377	977	(D)	19 464	228 035	137 158	(S)
1531	Operative builders	646	4 489	2 414	111 353	48 160	1 279 369	855 123	502 140
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses	295	4 634	3 341	144 436	94 060	684 467	389 011	262 344
1542	Nonresidential buildings, n.e.c.	1 208	19 851	14 272	625 674	413 102	4 635 315	1 872 285	1 137 402
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction	418	10 929	9 014	327 089	251 288	1 504 733	1 213 437	733 947
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction	66	2 935	2 398	86 218	63 739	403 860	300 275	202 207
1623	Water, sewer, and utility lines	344	9 096	7 425	270 758	210 672	831 280	740 870	509 160
1629	Heavy construction, n.e.c.	555	8 709	6 542	268 661	185 991	1 180 417	902 839	614 028
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning	3 459	31 411	23 889	934 974	696 592	3 056 292	2 669 234	1 621 444
1721	Painting and paper hanging	1 372	7 370	6 192	149 253	118 498	401 497	385 310	274 464
1731	Electrical work	2 275	20 713	15 884	616 912	453 870	1 819 016	1 760 712	1 109 643
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework	1 483	9 597	8 392	206 685	168 327	587 140	554 366	373 679
1742	Plastering, drywall, and insulation work	607	7 713	6 664	218 224	175 132	601 997	556 155	364 189
1743	Terrazzo, tile, marble, and mosaic work	183	1 012	785	32 077	21 452	90 838	88 288	54 470
175	Carpentry and floor work:								
1751	Carpentry	1 895	7 621	6 217	145 385	114 625	544 843	481 908	291 983
1752	Floor laying and other floor work	446	1 899	1 359	41 313	26 774	168 936	158 565	85 283
1761	Roofing, siding, and sheet metal work	1 218	9 721	7 548	214 827	153 052	794 365	746 205	449 499
1771	Concrete work	1 158	7 347	6 195	163 767	127 115	606 263	558 776	334 940
1781	Water well drilling	143	675	501	16 952	12 587	62 376	(D)	37 806
179	Miscellaneous special trade contractors:								
1791	Structural steel erection	148	2 024	1 660	55 270	42 081	175 991	162 255	115 464
1793	Glass and glazing work	164	1 463	989	39 425	23 816	142 877	136 575	79 231
1794	Excavation work	916	4 835	3 976	109 777	88 259	413 381	370 776	256 535
1795	Wrecking and demolition work	37	515	425	(D)	11 165	50 399	(D)	41 975
1796	Installing building equipment, n.e.c.	191	6 165	4 964	185 826	147 608	548 938	471 718	384 015
1799	Special trade contractors, n.e.c.	1 097	8 891	6 912	190 196	131 026	577 433	530 508	375 382

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				
7 403 337	6 006 762	6 064 622	370 958	337 971	3 703 576	234 314	22 632 570	11 065 791	(Z)	(Z)	2	15, 16, 17
												15
997 245 58 305	768 004 90 877	87 885 (S)	23 307 (S)	26 390 (S)	262 738 (S)	21 006 3 113	2 294 671 294 118	793 325 115 171	2 10	3 11	9 (S)	152 1522
410 335	424 246	13 262	4 437	7 980	104 364	5 841	(D)	368 615	5	6	7	1531
135 891 891 439	295 456 2 763 030	44 971 161 128	7 823 37 434	7 377 24 774	71 137 287 106	7 009 22 163	(D) 3 932 849	307 851 1 177 028	4 2	6 2	24 6	154 1542
												16
549 884	291 296	296 866	42 620	46 448	577 964	12 701	1 654 971	882 588	2	2	4	1611
104 953 237 817 331 876	103 585 90 410 277 578	92 672 152 498 186 851	11 709 28 558 41 149	5 705 36 738 28 820	107 236 315 953 378 008	3 425 8 888 17 134	461 661 695 293 1 288 528	232 990 474 065 790 001	5 4 3	3 2	3 6 9	162 1622 1623 1629
												17
1 100 063	387 057	1 355 059	42 684	35 966	355 116	27 660	2 341 572	1 266 872	1	1	6	1711
114 334	16 186	169 132	8 096	4 768	60 230	8 015	400 263	300 946	4	3	20	1721
676 286	58 304	781 343	20 283	20 094	170 808	20 678	1 530 536	983 939	1	1	8	1731
182 946 198 219 36 393	32 774 45 843 2 550	388 969 433 469 66 194	8 414 6 960 875	7 178 3 486 869	80 780 46 944 12 594	11 105 11 157 976	640 805 970 380 76 729	403 016 611 532 43 035	3 2 7	2 2 6	15 13 23	174 1741 1742 1743
197 122 82 094	62 935 10 371	234 638 95 617	5 965 2 318	8 226 1 569	67 544 18 064	8 455 2 368	502 227 179 082	252 606 94 272	4 7	4 5	25 15	175 1751 1752
300 595	48 161	331 366	12 136	7 781	95 506	10 865	726 695	413 808	3	3	10	1761
230 320	47 487	342 290	14 352	12 889	156 397	7 878	538 348	302 757	3	3	10	1771
25 236	(D)	11 987	700	1 835	42 463	848	66 009	43 826	9	(D)	5	1781
49 129 68 217 123 633 8 359 100 871 191 774	13 736 6 301 42 605 (D) 77 221 46 926	100 629 85 822 228 550 19 059 140 641 231 018	5 903 2 413 14 017 1 979 11 662 13 662	*3 212 788 21 553 401 4 415 18 247	30 440 13 603 284 422 10 849 35 421 103 427	3 512 1 362 6 168 887 3 524 6 951	234 520 114 932 513 173 41 061 342 500 508 237	164 159 61 024 352 227 40 535 266 631 299 360	6 6 5 5 1 3	6 7 3 (D) 1 3	43 22 12 (Z) 8 12	1791 1793 1794 1795 1796 1799

CONSTRUCTION—GEOGRAPHIC AREA SERIES

PENNSYLVANIA PA-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	26 222	25 075	20 613	24 340	(Z)	1	1	2
Proprietors and working partners.....	14 734	9 157	10 094	17 067	1	2	2	2
All employees**	213 478	234 314	194 058	217 238	(Z)	(Z)	1	1
Construction workers:								
March.....	145 420	165 601	134 274	148 795	(Z)	1	1	1
May.....	168 557	190 370	158 772	188 529	1	1	1	1
August.....	182 251	204 422	167 139	201 546	1	1	1	1
November.....	166 621	192 238	155 393	185 849	1	1	1	1
Average.....	165 712	188 158	156 080	181 302	(Z)	(Z)	1	1
Other employees:								
March.....	48 198	44 873	37 802	34 633	1	1	1	1
May.....	47 435	45 832	(NA)	(NA)	1	1	(NA)	(NA)
August.....	47 651	46 923	(NA)	(NA)	1	1	(NA)	(NA)
November.....	47 778	47 021	(NA)	(NA)	1	1	(NA)	(NA)
Average.....	47 765	46 162	(NA)	(NA)	1	1	(NA)	(NA)
Payroll, all employees	5 620 793	5 400 446	3 780 060	2 921 623	(Z)	(Z)	(Z)	(Z)
Payroll, construction workers	4 076 840	3 989 315	2 929 698	2 307 389	(Z)	(Z)	(Z)	(Z)
Payroll, other employees	1 543 953	1 411 131	850 362	614 234	1	1	(Z)	1
First-quarter payroll, all employees	1 182 709	1 147 380	827 362	581 681	1	(Z)	(Z)	(Z)
Fringe benefits, all employees	1 604 753	1 337 407	735 937	568 176	1	(Z)	(Z)	(Z)
Legally required expenditures.....	971 307	865 258	546 990	297 643	1	1	(Z)	(Z)
Voluntary expenditures.....	633 447	472 148	188 947	270 533	1	1	1	(Z)
Dollar value of business done	24 593 324	23 428 622	14 151 852	10 606 024	(Z)	1	(Z)	(Z)
Value of construction work	24 007 544	22 632 570	13 670 606	10 166 864	(Z)	1	(Z)	(Z)
Value of construction work subcontracted in from others	6 064 622	5 072 735	3 159 703	2 161 677	1	1	1	1
Other business receipts.....	585 780	565 207	434 875	439 160	2	2	1	1
Net value of construction†	18 000 782	17 269 813	10 716 736	8 104 608	(Z)	1	(Z)	(Z)
Value added††	11 183 225	11 065 791	7 048 422	5 112 567	1	1	(Z)	(Z)
Selected costs	13 410 099	12 131 986	7 057 059	5 413 755	1	1	(Z)	1
Materials, components, and supplies	7 023 558	6 435 872	3 860 118	3 170 413	1	1	1	1
Construction work subcontracted out to others	6 006 762	5 362 757	2 953 870	2 062 256	1	1	1	1
Selected power, fuels, and lubricants.....	379 779	333 356	243 071	181 086	1	1	1	1
Electricity.....	72 453	51 368	36 213	25 079	1	1	1	1
Natural gas.....	19 880	12 310	15 256	13 145	2	2	3	6
Gasoline and diesel fuel	264 593	248 698	174 254	117 737	1	1	1	1
On highway use.....	197 640	186 904	(NA)	(NA)	1	1	(NA)	(NA)
Off highway use.....	66 954	61 793	(NA)	(NA)	2	2	(NA)	(NA)
Other, including lubricating oils and greases.....	22 852	20 979	17 346	25 127	3	2	2	2
Rental cost for machinery, equipment, and buildings	370 958	318 060	188 346	133 566	1	1	1	1
For machinery and equipment	249 749	228 738	136 972	112 217	2	1	1	1
For buildings.....	121 209	89 322	51 374	21 350	2	2	2	1
Selected purchased services	388 898	328 082	218 594	186 217	1	1	1	1
Communication services	118 943	94 740	61 054	42 828	2	1	1	2
Repairs to buildings and other structures	26 416	23 090	15 540	10 928	4	3	3	3
Repairs to machinery and equipment	243 539	210 250	142 000	132 461	2	1	1	1
Ownership of construction projects:								
Value of construction work	24 007 544	22 632 570	13 670 606	10 166 864	(Z)	1	(Z)	(Z)
Government owned	5 640 273	3 998 631	2 547 396	1 878 659	1	1	2	(Z)
Federal	992 353	894 746	(NA)	(NA)	3	3	(NA)	(NA)
State and local	4 647 920	3 103 884	(NA)	(NA)	1	1	(NA)	(NA)
Privately owned	18 367 271	18 633 938	11 123 209	8 288 205	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	3 517 453	2 348 517	1	2
Capital expenditures, other than land	337 971	427 950	2	2
New	263 830	354 558	2	2
Used	74 141	73 391	4	3
Retirements and disposition of depreciable assets	151 849	88 443	5	4
End-of-year gross book value of depreciable assets	3 703 576	2 688 025	1	1
Depreciation charges during year	379 894	325 828	2	2
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets	583 843	511 459	4	4
Capital expenditures, other than land	52 174	67 964	5	4
New buildings and other structures	41 849	52 113	6	5
Used buildings and other structures	10 325	15 850	11	8
Retirements and disposition of depreciable assets	9 178	16 040	6	9
End-of-year gross book value of depreciable assets	626 839	563 383	4	3
Depreciation charges during year	40 787	46 650	5	4
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets	2 933 610	1 837 058	1	2
Capital expenditures, other than land	285 797	359 986	2	2
New machinery and equipment, including automobiles and trucks	221 981	302 444	2	2
New automobiles and trucks, intended primarily for highway use	91 057	140 783	4	3
Used machinery and equipment, including automobiles and trucks	63 816	57 541	5	4
Retirements and disposition of depreciable assets	142 670	72 403	5	4
End-of-year gross book value of depreciable assets	3 076 737	2 124 641	1	2
Depreciation charges during year	339 107	279 177	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	26 222	(Z)
Value of construction work	24 007 544	(Z)
Establishments with inventories:		
Number	7 817	2
Value of construction work	10 330 430	1
Inventories ¹ :		
End of 1992, materials and supplies	348 521	7
End of 1991, materials and supplies	327 673	5
Establishments with no inventories:		
Number	10 045	2
Value of construction work	8 829 078	1
Establishments not reporting:		
Number	8 360	1
Value of construction work	4 848 037	1

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	26 222	16 613	5 116	2 432	1 448	400	167	29	14	2
All employees**	213 478	31 750	32 064	32 093	42 175	27 426	25 748	9 922	12 301	(D)
Payroll, all employees	5 620 793	524 276	650 927	797 369	1 192 232	882 040	819 215	330 463	424 270	(D)
Dollar value of business done	24 593 324	3 084 048	2 860 625	3 293 890	4 952 707	3 723 700	3 837 347	1 307 917	1 533 090	(D)
Value of construction work	24 007 544	3 050 452	2 810 299	3 213 706	4 837 911	3 628 467	3 713 973	1 237 368	1 515 368	(D)
Net value of construction work†	18 000 782	2 562 323	2 321 479	2 534 932	3 597 550	2 583 341	2 485 404	936 261	979 492	(D)
Value added††	11 183 225	1 459 972	1 352 344	1 547 387	2 213 729	1 630 708	1 702 929	611 245	664 912	(D)
Cost of materials, components, supplies, and fuels	7 403 337	1 135 946	1 019 461	1 067 730	1 498 618	1 047 866	905 849	395 565	332 302	(D)
Cost of construction work subcontracted out to others	6 006 762	488 130	488 820	678 774	1 240 361	1 045 126	1 228 569	301 107	535 876	(D)
Rental cost for machinery, equipment, and buildings	370 958	34 518	38 177	48 298	78 696	64 570	54 448	26 102	26 149	(D)
Capital expenditures, other than land	337 971	48 452	47 600	42 871	58 795	45 292	48 389	27 681	18 890	(D)
End-of-year gross book value of depreciable assets	3 703 576	504 712	461 094	541 580	769 296	509 235	537 813	282 351	97 495	(D)
1987										
All employees**	234 314	(S)	33 481	35 522	44 425	26 077	28 726	12 618	8 901	14 788
Value of construction work	22 632 570	(S)	2 506 320	3 164 929	4 663 040	2 945 300	5 075 729	(D)	1 797 249	(D)
Value added††	11 065 791	(S)	1 210 036	1 489 866	2 144 950	1 412 185	1 642 945	962 156	390 875	672 519
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees**	(Z)	2	3	3	2	(Z)	(Z)	(Z)	(Z)	(D)
Net value of construction work†	(Z)	3	3	3	1	(Z)	(Z)	(Z)	(Z)	(D)
Capital expenditures, other than land	2	7	10	7	3	(Z)	(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	26 222	(S)	(S)	3 967	7 885	4 529	3 271	2 239	840	457	358
All employees**	213 478	(S)	(S)	6 085	21 083	21 312	26 730	34 275	24 297	24 368	52 533
Payroll, all employees	5 620 793	(S)	(S)	69 659	312 094	391 570	581 672	879 731	716 393	757 230	1 889 619
Dollar value of business done	24 593 324	(S)	(S)	292 555	1 277 647	1 574 053	2 260 600	3 467 271	2 922 893	3 152 440	9 569 857
Value of construction work	24 007 544	(S)	(S)	289 678	1 261 304	1 551 816	2 229 986	3 385 686	2 857 103	3 089 868	9 266 563
Net value of construction work†	18 000 782	(S)	(S)	270 444	1 168 910	1 386 540	1 903 981	2 801 894	2 266 184	2 378 387	5 752 733
Value added††	11 183 225	(S)	(S)	163 619	695 769	806 850	1 149 043	1 689 077	1 381 355	1 490 596	3 762 575
Cost of materials, components, supplies, and fuels	7 403 337	(S)	(S)	109 702	489 484	601 927	785 552	1 194 402	950 620	950 362	2 293 452
Cost of construction work subcontracted out to others	6 006 762	(S)	(S)	19 234	92 394	165 276	326 004	583 792	590 919	711 481	3 513 830
Rental cost for machinery, equipment, and buildings	370 958	(S)	(S)	4 302	15 076	22 253	36 073	54 150	44 289	61 476	132 714
Capital expenditures, other than land	337 971	(S)	(S)	7 470	25 877	27 057	38 768	50 162	38 454	35 616	113 310
End-of-year gross book value of depreciable assets	3 703 576	(S)	(S)	60 466	248 868	250 622	467 539	613 898	422 417	507 602	1 115 525
1987											
All employees**	234 314	(S)	(S)	(S)	(S)	22 989	26 080	37 122	27 138	23 326	64 710
Value of construction work	22 632 570	(S)	(S)	(S)	(S)	1 452 052	1 851 566	3 316 968	2 910 610	2 651 500	8 916 343
Value added††	11 065 791	(S)	(S)	(S)	(S)	768 077	960 153	1 660 830	1 403 029	1 237 784	4 176 039
1992 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees**	(Z)	(S)	(S)	5	3	4	3	2	1	1	(Z)
Net value of construction work†	(Z)	(S)	(S)	4	3	4	3	3	2	2	(Z)
Capital expenditures, other than land	2	(S)	(S)	15	11	11	11	7	3	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 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				
1992								
Value of construction work	24 007 544	12 898 448	6 870 548	3 655 462	(Z)	1	1	1
Building construction	18 258 740	10 383 122	5 458 220	2 417 398	1	1	1	1
Single-family houses	6 001 108	4 070 009	1 260 768	670 331	2	2	3	3
Single-family houses, detached	5 190 115	3 517 181	1 111 355	561 579	2	3	3	3
Single-family houses, attached, including townhouses and townhouse-type condominiums	810 994	552 828	149 413	108 752	4	6	7	7
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	515 293	236 269	160 570	118 454	4	4	8	6
Other residential buildings, including hotels, motels, and tourist cabins.....	208 336	84 890	91 347	32 099	4	6	6	8
Office buildings	2 150 055	1 068 297	817 954	263 804	2	2	2	2
Other commercial buildings such as stores, restaurants, and automobile service stations	1 865 580	995 909	573 774	295 897	2	3	3	4
Industrial buildings and warehouses	3 315 444	1 594 808	1 036 447	684 188	1	2	2	1
Industrial buildings	2 816 267	1 307 879	884 415	623 973	1	2	2	1
Warehouses	499 177	286 929	152 032	60 215	4	4	11	4
Religious buildings	287 888	139 588	102 532	45 767	3	5	4	8
Educational buildings	1 440 756	736 144	577 228	127 384	2	1	3	6
Hospitals and institutional buildings	1 896 751	1 052 328	724 450	119 973	1	1	1	2
Farm buildings, nonresidential	143 643	100 543	14 660	28 440	5	4	11	21
Amusement, social, and recreational buildings, indoors	107 574	66 518	27 478	13 578	4	6	4	4
Other nonresidential buildings	326 313	237 820	71 011	17 482	2	2	7	13
Nonbuilding construction.....	5 165 718	2 515 326	1 412 328	1 238 064	1	1	1	2
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	1 664 847	708 599	523 731	432 517	2	2	2	4
Private driveways and parking areas	182 242	86 902	33 076	62 264	6	7	6	8
Bridges, tunnels, and elevated highways	458 629	189 355	189 860	79 414	2	6	(Z)	4
Conservation and development construction	188 258	111 980	42 282	33 996	4	6	4	1
Power and communication transmission lines, towers, and related facilities.....	436 984	219 662	72 568	144 754	3	5	4	3
Sewers, water mains, and related facilities.....	561 738	364 273	113 802	83 663	3	3	7	9
Sewers, sewer lines, septic systems, and related facilities	328 045	216 357	63 567	48 121	3	4	8	10
Water mains and related facilities.....	233 692	147 916	50 235	35 541	4	4	7	14
Pipeline construction other than sewer or water lines	169 789	108 494	30 876	30 418	6	4	9	17
Blast furnaces, petroleum refineries, chemical complexes, etc.	401 487	143 956	84 605	172 926	1	1	6	2
Power plants	272 928	73 281	71 881	127 766	1	2	4	1
Sewage treatment and water treatment plants	397 854	271 027	112 436	14 390	2	2	3	10
Sewage treatment plants	269 010	169 812	93 472	5 725	3	3	3	16
Water treatment plants	128 844	101 215	18 964	8 665	1	1	6	7
Other nonbuilding construction	430 962	237 796	137 212	55 955	4	5	5	6
Construction work, n.s.k.....	583 085	(NA)	(NA)	(NA)	4	(NA)	(NA)	(NA)
1987								
Value of construction work	22 632 570	13 455 428	5 601 811	2 643 440	1	1	1	1
Building construction	16 161 284	10 461 834	3 893 610	1 805 842	1	1	1	1
Single-family houses	5 271 472	3 865 930	904 597	500 945	2	2	3	3
Single-family houses, detached	4 154 983	2 939 358	791 082	424 543	2	3	3	3
Single-family houses, attached, including townhouses and townhouse-type condominiums	1 116 489	926 571	113 515	76 402	5	5	13	7
Apartment buildings with two or more units, including rentals, apartment-type condominiums, and cooperatives	579 846	352 845	135 371	91 629	3	5	5	5
Other residential buildings, including hotels, motels, and tourist cabins.....	549 774	368 894	114 823	66 055	3	3	7	7
Office buildings	2 699 231	1 808 624	638 534	252 072	1	2	2	5
Other commercial buildings such as stores, restaurants, and automobile service stations	2 096 707	1 283 824	590 182	222 701	1	2	3	3
Industrial buildings and warehouses	2 490 260	1 479 629	601 072	409 558	1	1	2	2
Industrial buildings	1 930 265	1 048 141	514 340	367 782	1	1	2	2
Warehouses	559 995	431 487	86 731	41 776	3	3	3	4
Religious buildings	248 334	140 266	71 588	36 479	3	5	5	5
Educational buildings	650 095	305 606	270 842	73 645	1	1	2	4
Hospitals and institutional buildings	1 220 501	686 381	435 213	98 906	1	2	2	2
Farm buildings, nonresidential	80 299	48 541	20 092	11 666	15	22	23	8
Amusement, social, and recreational buildings, indoors	100 871	41 231	49 330	10 310	5	7	8	10
Other nonresidential buildings	173 894	80 063	61 966	31 876	9	6	21	15
Nonbuilding construction.....	5 539 394	2 993 594	1 708 201	837 598	1	1	1	2
Highways, streets, and related work such as installation of guard rails, highway signs, lighting, etc.	1 543 541	683 814	592 575	267 151	2	3	1	4
Private driveways and parking areas	169 328	106 294	30 116	32 917	7	7	10	11
Bridges, tunnels, and elevated highways	502 242	257 725	181 361	63 154	2	1	1	10
Power and communication transmission lines, towers, and related facilities.....	382 905	198 187	100 993	83 724	2	2	2	2
Sewers, water mains, and related facilities.....	532 387	425 416	60 352	46 618	3	3	4	7
Sewers, sewer lines, septic systems, and related facilities	343 488	277 260	39 104	27 122	3	4	4	5
Water mains and related facilities.....	188 899	148 155	21 247	19 496	4	4	4	15
Pipeline construction other than sewer or water lines	109 635	77 499	13 871	18 264	3	3	4	9
Blast furnaces, petroleum refineries, chemical complexes, etc.	373 353	108 256	215 649	49 447	1	1	1	4
Power plants	1 028 383	557 419	332 772	138 191	(Z)	1	(Z)	1
Sewage treatment and water treatment plants	309 892	196 164	69 202	44 526	3	4	4	5
Sewage treatment plants	150 243	115 385	(D)	(D)	5	6	(D)	(D)
Water treatment plants	159 649	80 778	(D)	(D)	1	1	(D)	(D)
Other nonbuilding construction	587 728	382 819	111 310	93 605	(NA)	(NA)	(NA)	(NA)
Construction work, n.s.k.....	931 891	(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 -----	26 222	165 712	145 420	168 557	182 251	166 621	(Z)	(Z)	(Z)	1	1	1
15	Building construction—General contractors and operative builders:												
152	General contractors, residential buildings:												
1521	Single-family houses -----	5 713	16 777	14 987	17 443	18 474	16 204	2	2	2	2	3	3
1522	Other residential buildings -----	185	977	913	980	1 081	933	14	10	10	9	11	11
1531	Operative builders -----	646	2 414	2 252	2 443	2 576	2 385	7	6	6	5	6	6
154	General contractors, nonresidential buildings:												
1541	Industrial buildings and warehouses -----	295	3 341	3 158	3 364	3 377	3 465	10	4	4	5	5	5
1542	Nonresidential buildings, n.e.c. ---	1 208	14 272	13 645	14 163	15 496	13 784	5	2	2	3	3	3
16	Heavy construction other than building construction—contractors:												
1611	Highway and street construction ----	418	9 014	5 648	10 049	11 046	9 312	7	2	3	2	2	2
162	Heavy construction, except highway:												
1622	Bridge, tunnel, and elevated highway construction -----	66	2 398	1 524	2 620	2 941	2 505	6	6	7	4	5	8
1623	Water, sewer, and utility lines -----	344	7 425	5 696	7 551	7 933	8 520	8	4	4	4	4	5
1629	Heavy construction, n.e.c. -----	555	6 542	5 506	6 920	7 163	6 580	7	3	3	3	3	3
17	Special trade contractors:												
1711	Plumbing, heating, and air-conditioning -----	3 459	23 889	22 337	23 463	25 424	24 331	1	1	1	1	1	1
1721	Painting and paper hanging -----	1 372	6 192	4 938	6 222	7 417	6 192	3	4	4	4	4	4
1731	Electrical work -----	2 275	15 884	15 629	15 518	16 588	15 801	2	2	1	2	2	2
174	Masonry, stonework, tile setting, and plastering:												
1741	Masonry, stone setting, and other stonework -----	1 483	8 392	7 031	8 739	9 350	8 447	3	3	3	3	3	3
1742	Plastering, drywall, and insulation work -----	607	6 664	6 413	6 769	7 091	6 381	4	2	2	2	2	2
1743	Terrazzo, tile, marble, and mosaic work -----	183	785	734	774	883	750	10	6	7	6	6	6
175	Carpentry and floor work:												
1751	Carpentry -----	1 895	6 217	5 721	6 248	6 803	6 098	3	4	4	4	4	4
1752	Floor laying and other floor work --	446	1 359	1 272	1 336	1 473	1 356	4	7	8	7	7	9
1761	Roofing, siding, and sheet metal work -----	1 218	7 548	6 389	7 635	8 235	7 932	3	3	3	3	3	3
1771	Concrete work -----	1 158	6 195	4 378	6 724	7 160	6 518	4	3	4	3	3	3
1781	Water well drilling -----	143	501	480	499	520	505	8	9	9	9	9	9
179	Miscellaneous special trade contractors:												
1791	Structural steel erection -----	148	1 660	1 501	1 559	1 895	1 684	15	5	4	4	5	11
1793	Glass and glazing work -----	164	989	986	973	1 023	973	11	7	7	7	8	7
1794	Excavation work -----	916	3 976	3 441	4 139	4 420	3 904	5	4	5	4	4	4
1795	Wrecking and demolition work -----	37	425	386	437	465	413	8	4	4	4	5	5
1796	Installing building equipment, n.e.c. -----	191	4 964	5 041	4 822	4 872	5 119	10	1	1	1	1	1
1799	Special trade contractors, n.e.c. ---	1 097	6 912	5 411	7 167	8 543	6 530	5	4	3	3	3	6

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 -----	8.1	26.3	144.9	.234	.308	.250	.253	.015
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses -----	3.9	18.2	156.0	.157	.381	.293	.034	.009
1522	Other residential buildings -----	7.4	(D)	233.4	(D)	.256	.399	(S)	(S)
1531	Operative builders -----	7.0	24.8	530.0	.087	.321	.332	.010	.003
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses -----	15.7	31.2	204.9	.211	.199	.432	.066	.011
1542	Nonresidential buildings, n.e.c. -----	16.4	31.5	324.8	.135	.192	.596	.035	.008
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction -----	26.1	29.9	166.9	.217	.365	.194	.197	.028
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction -----	44.8	29.4	168.4	.213	.260	.256	.229	.029
1623	Water, sewer, and utility lines -----	26.5	29.8	112.0	.326	.286	.109	.183	.034
1629	Heavy construction, n.e.c. -----	15.7	30.8	180.4	.228	.281	.235	.158	.035
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning -----	9.1	29.8	127.9	.306	.360	.127	.443	.014
1721	Painting and paper hanging -----	5.4	20.3	64.8	.372	.285	.040	.421	.020
1731	Electrical work -----	9.1	29.8	114.5	.339	.372	.032	.430	.011
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework -----	6.5	21.5	70.0	.352	.312	.056	.662	.014
1742	Plastering, drywall, and insulation work -----	12.7	28.3	90.3	.363	.329	.076	.720	.012
1743	Terrazzo, tile, marble, and mosaic work -----	5.5	31.7	115.7	.353	.401	.028	.729	.010
175	Carpentry and floor work:								
1751	Carpentry -----	4.0	19.1	87.6	.267	.362	.116	.431	.011
1752	Floor laying and other floor work -----	4.3	21.8	124.3	.245	.486	.061	.566	.014
1761	Roofing, siding, and sheet metal work -----	8.0	22.1	105.2	.270	.378	.061	.417	.015
1771	Concrete work -----	6.3	22.3	97.9	.270	.380	.078	.565	.024
1781	Water well drilling -----	4.7	25.1	124.5	.272	.405	(D)	.192	.011
179	Miscellaneous special trade contractors:								
1791	Structural steel erection -----	13.7	27.3	106.0	.314	.279	.078	.572	.034
1793	Glass and glazing work -----	8.9	26.9	144.5	.276	.477	.044	.601	.017
1794	Excavation work -----	5.3	22.7	104.0	.266	.299	.103	.553	.034
1795	Wrecking and demolition work -----	13.9	(D)	118.6	(D)	.166	(D)	.378	.039
1796	Installing building equipment, n.e.c. -----	32.2	30.1	110.6	.339	.184	.141	.256	.021
1799	Special trade contractors, n.e.c. -----	8.1	21.4	83.5	.329	.332	.081	.400	.024

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
	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA CMSA											
15,16,17	Construction industries	42 350	293 351	9 218 472	37 414 756	28 282 143	18 392 725	10 662 353	9 132 613	369 395	(Z)	(Z)
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	7 113	21 794	432 130	2 472 841	1 798 370	985 496	848 216	674 471	20 780	2	3
1522	Other residential buildings	835	5 490	153 426	927 370	551 355	337 646	224 493	376 015	4 926	5	6
1531	Operative builders	1 018	6 282	181 447	2 108 389	1 398 163	896 224	583 977	710 226	10 621	4	5
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	473	6 777	228 107	1 478 248	721 385	485 489	256 717	756 863	6 091	3	3
1542	Nonresidential buildings, n.e.c.	2 184	25 875	942 296	6 760 487	2 879 876	1 837 012	1 345 434	3 880 610	31 176	2	1
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	648	11 541	420 833	1 779 832	1 448 854	921 211	565 867	330 978	42 479	2	2
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction.....	78	4 397	198 889	823 663	632 063	445 470	199 490	191 600	10 308	1	1
1623	Water, sewer, and utility lines	466	9 358	355 962	1 249 484	1 065 185	789 931	296 065	184 299	27 771	2	2
1629	Heavy construction, n.e.c.	676	10 703	438 031	1 750 592	1 442 084	1 059 465	466 715	308 508	29 103	2	1
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	6 509	42 500	1 392 063	4 696 119	4 054 819	2 482 719	1 610 349	641 300	44 984	1	1
1721	Painting and paper hanging.....	2 460	11 826	280 880	750 105	701 211	534 363	171 438	48 895	9 868	3	2
1731	Electrical work	5 212	42 806	1 529 521	4 135 160	3 952 544	2 587 075	1 383 066	182 616	29 419	1	1
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	1 740	8 920	215 431	720 061	626 354	420 524	210 129	93 707	6 858	3	3
1742	Plastering, drywall, and insulation work	959	11 663	399 161	1 061 626	954 210	670 604	289 450	107 416	9 942	3	2
1743	Terrazzo, tile, marble, and mosaic work	560	2 518	72 380	227 457	212 009	135 777	78 384	15 448	2 410	8	7
175	Carpentry and floor work:											
1751	Carpentry	3 414	12 366	283 674	1 082 162	945 907	562 093	401 491	136 255	(S)	3	4
1752	Floor laying and other floor work	756	3 529	94 519	358 405	320 221	190 894	138 062	38 184	(S)	3	5
1761	Roofing, siding, and sheet metal work	1 817	10 839	307 237	976 792	882 317	563 423	324 331	94 475	12 679	2	2
1771	Concrete work	1 218	7 659	190 507	639 068	591 850	359 217	241 033	47 218	9 701	7	4
1781	Water well drilling	127	694	21 589	78 340	73 778	45 316	28 540	4 562	1 335	7	6
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	275	3 229	117 785	365 864	324 796	239 101	88 923	41 068	2 428	5	2
1793	Glass and glazing work	403	2 449	67 938	215 385	204 561	122 457	89 496	10 823	1 744	5	4
1794	Excavation work	926	4 876	140 467	476 199	427 018	302 804	134 726	49 181	20 201	4	5
1795	Wrecking and demolition work	90	1 668	38 783	141 649	126 897	106 930	23 890	14 752	1 945	2	3
1796	Installing building equipment, n.e.c.	339	7 802	311 525	841 241	792 198	565 583	228 917	49 042	4 371	1	(Z)
1799	Special trade contractors, n.e.c.	2 056	15 790	403 891	1 298 219	1 154 116	745 902	433 154	144 102	16 943	3	3
	Bergen-Passaic, NJ PMSA											
15,16,17	Construction industries	3 805	27 827	877 468	3 341 538	2 675 177	1 825 453	968 390	666 362	32 405	1	1
	(See appropriate State for SIC detail.)											
	Bridgeport, CT PMSA											
15,16,17	Construction industries	1 032	5 940	178 098	698 909	529 942	347 931	194 890	168 967	8 091	3	3
	(See appropriate State for SIC detail.)											
	Danbury, CT PMSA											
15,16,17	Construction industries	710	3 255	98 901	453 931	324 836	195 875	133 634	129 095	6 059	4	4
	(See appropriate State for SIC detail.)											
	Dutchess County, NY PMSA											
15,16,17	Construction industries	742	4 096	114 520	489 015	375 227	231 309	156 061	113 789	6 023	5	6
	(See appropriate State for SIC detail.)											

PA-14 PENNSYLVANIA

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
	NEW YORK—NORTHERN NEW JERSEY—LONG ISLAND, NY—NJ—CT—PA CMSA—Con.											
	Jersey City, NJ PMSA											
15,16,17	Construction industries ----- (See appropriate State for SIC detail.)	776	5 896	188 387	674 560	558 706	369 589	196 350	115 854	5 989	3	4
	Middlesex—Somerset—Hunterdon, NJ PMSA											
15,16,17	Construction industries ----- (See appropriate State for SIC detail.)	2 765	19 015	604 438	2 620 186	2 000 280	1 247 470	789 895	619 906	29 971	1	2
	Monmouth—Ocean, NJ PMSA											
15,16,17	Construction industries ----- (See appropriate State for SIC detail.)	2 725	15 377	418 295	2 128 055	1 594 996	1 004 473	631 216	533 059	25 342	2	3
	Nassau—Suffolk, NY PMSA											
15,16,17	Construction industries ----- (See appropriate State for SIC detail.)	8 068	44 952	1 224 727	4 994 826	3 872 198	2 440 215	1 491 173	1 122 629	54 762	1	1
	New Haven—Meriden, CT PMSA											
15,16,17	Construction industries ----- (See appropriate State for SIC detail.)	1 351	9 080	282 141	1 101 261	864 400	532 933	350 990	236 861	(S)	3	2
	New York, NY PMSA											
15,16,17	Construction industries ----- (See appropriate State for SIC detail.)	12 358	109 208	3 729 636	14 477 032	10 612 957	7 104 953	3 877 610	3 864 074	119 089	1	1
	Newark, NJ PMSA											
15,16,17	Construction industries ----- (See appropriate State for SIC detail.)	4 737	30 728	994 606	3 889 810	3 123 797	2 026 165	1 151 210	766 012	46 706	1	1
	Newburgh, NY—PA PMSA											
15,16,17	Construction industries -----	1 035	3 891	101 839	415 465	350 342	206 446	146 555	65 123	6 561	3	4
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	(S)	(S)	(S)	55 551	(D)	(S)	29 408	(D)	(S)	(S)	(D)
1522	Other residential buildings -----	(S)	*43	*748	*4 662	*3 717	*2 456	*1 261	(S)	(D)	47	47
1531	Operative builders -----	(S)	145	(S)	47 630	32 840	21 406	12 104	14 790	(S)	23	26
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	3	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	(D)
1542	Nonresidential buildings, n.e.c. -----	37	158	4 229	17 836	(D)	7 032	(S)	(D)	(S)	17	(D)
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	(S)	(S)	(S)	(S)	(D)	(S)	(S)	(D)	(D)	(S)	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	—	—	—	—	—	—	—	—	—	—	—
1623	Water, sewer, and utility lines -----	27	236	11 395	30 462	28 990	22 392	6 625	1 472	(D)	10	5
1629	Heavy construction, n.e.c. -----	19	(S)	(S)	(S)	(D)	(S)	(S)	(D)	(S)	(S)	(D)

CONSTRUCTION—GEOGRAPHIC AREA SERIES

PENNSYLVANIA PA—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
	NEW YORK—NORTHERN NEW JERSEY—LONG ISLAND, NY—NJ—CT—PA CMSA—Con.											
	Newburgh, NY—PA PMSA—Con.											
	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning-----	119	460	12 079	52 146	48 453	26 150	23 121	3 692	(S)	9	8
1721	Painting and paper hanging-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1731	Electrical work-----	101	635	19 349	47 659	46 760	28 744	18 054	898	892	7	7
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work-----	75	188	4 118	14 129	13 748	10 025	3 726	381	(S)	23	25
1742	Plastering, drywall, and insulation work-----	(S)	(S)	(S)	2 872	2 201	(S)	(D)	671	(S)	(S)	(Z)
1743	Terrazzo, tile, marble, and mosaic work-----	*16	*48	*834	*3 436	*3 356	*1 914	*1 460	80	-	62	57
175	Carpentry and floor work:											
1751	Carpentry-----	98	208	4 560	21 648	17 027	9 085	8 047	4 620	144	12	18
1752	Floor laying and other floor work---	22	80	1 920	7 889	7 277	4 472	2 897	612	(D)	19	13
1761	Roofing, siding, and sheet metal work-----	44	106	1 979	6 151	5 787	3 775	2 069	(S)	(D)	20	19
1771	Concrete work-----	(S)	(S)	(S)	(S)	11 499	(S)	4 703	(S)	(S)	(S)	10
1781	Water well drilling-----	(S)	(S)	(D)	(S)	(S)	(S)	(S)	29	113	(S)	(S)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	4	(D)	(D)	(D)	(D)	(D)	66	(D)	-	(D)	(D)
1793	Glass and glazing work-----	2	(D)	(D)	(D)	(D)	(D)	-	-	-	(D)	(D)
1794	Excavation work-----	75	224	4 608	18 027	17 419	12 592	4 939	608	*660	25	27
1795	Wrecking and demolition work-----	-	-	-	-	-	-	-	-	-	-	-
1796	Installing building equipment, n.e.c.--	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(D)	(D)	(S)	(D)
1799	Special trade contractors, n.e.c.-----	42	280	7 891	(D)	(D)	14 716	8 505	(D)	361	16	(D)
	Stamford—Norwalk, CT PMSA											
15,16,17	Construction industries-----	987	6 211	183 104	1 076 075	620 111	355 313	276 985	455 964	(S)	2	3
	(See appropriate State for SIC detail.)											
	Trenton, NJ PMSA											
15,16,17	Construction industries-----	691	4 984	137 822	746 410	524 888	345 956	195 957	221 522	5 847	2	1
	(See appropriate State for SIC detail.)											
	Waterbury, CT PMSA											
15,16,17	Construction industries-----	569	2 891	84 490	307 681	254 285	158 646	101 436	53 396	4 683	6	6
	(See appropriate State for SIC detail.)											
	PHILADELPHIA—WILMINGTON—ATLANTIC CITY, PA—NJ—DE—MD CMSA											
15,16,17	Construction industries-----	13 010	105 943	3 072 558	12 663 461	9 443 230	6 052 455	3 736 651	3 220 232	163 018	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses-----	2 309	8 868	182 063	1 032 402	732 371	377 108	369 480	300 031	7 495	3	4
1522	Other residential buildings-----	97	1 003	29 588	139 771	82 251	57 972	27 975	57 520	499	13	10
1531	Operative builders-----	366	2 767	77 295	985 023	632 627	419 108	278 463	352 396	5 653	4	4
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	165	2 943	100 243	449 964	246 674	194 050	61 968	203 290	3 201	5	7
1542	Nonresidential buildings, n.e.c.-----	589	7 924	272 380	2 114 457	746 560	474 380	373 287	1 367 897	6 458	2	2
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction-----	175	4 978	161 333	787 298	643 901	401 973	274 208	143 396	25 540	2	3
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	25	437	21 230	99 544	63 031	47 054	17 364	36 513	939	7	4
1623	Water, sewer, and utility lines-----	168	5 868	211 645	587 661	525 255	389 636	138 175	62 406	21 085	2	2
1629	Heavy construction, n.e.c.-----	226	3 526	126 055	527 677	419 197	285 302	150 112	108 480	16 971	5	3

PA—16 PENNSYLVANIA

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
	PHILADELPHIA—WILMINGTON—ATLANTIC CITY, PA—NJ—DE—MD CMSA—Con.											
15,16,17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	1 828	16 046	510 888	1 681 450	1 441 079	849 431	629 554	240 371	17 100	2	2
1721	Painting and paper hanging	736	3 720	83 383	215 610	202 389	147 992	54 856	13 221	2 282	5	3
1731	Electrical work	1 346	11 310	372 617	1 078 973	1 036 199	670 112	381 387	42 774	12 375	2	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	639	4 460	110 528	307 555	292 198	194 808	97 827	15 357	3 402	4	4
1742	Plastering, drywall, and insulation work	281	2 746	76 553	221 158	199 875	129 583	73 567	21 284	1 451	4	5
1743	Terrazzo, tile, marble, and mosaic work	135	689	21 628	66 679	(D)	38 736	23 791	(D)	613	6	(D)
175	Carpentry and floor work:											
1751	Carpentry	986	4 346	93 612	361 174	289 994	173 571	118 488	71 180	3 280	5	7
1752	Floor laying and other floor work	263	1 166	28 190	114 342	104 567	53 392	56 511	9 775	999	7	5
1761	Roofing, siding, and sheet metal work	761	4 776	122 776	422 154	385 206	240 706	147 007	36 948	3 285	4	4
1771	Concrete work	672	4 801	112 339	391 724	354 987	211 219	147 824	36 738	7 322	4	4
1781	Water well drilling	45	316	8 685	30 873	(D)	17 797	9 789	(D)	432	7	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	89	1 974	51 920	158 925	138 188	93 524	48 807	20 737	2 078	2	2
1793	Glass and glazing work	110	866	24 974	91 016	86 079	49 478	41 391	4 937	307	9	8
1794	Excavation work	327	1 758	47 872	178 380	152 688	101 472	54 614	25 692	6 055	5	5
1795	Wrecking and demolition work	22	509	14 647	48 788	46 464	37 872	11 275	2 323	994	9	6
1796	Installing building equipment, n.e.c.	83	2 518	78 817	210 002	199 795	159 027	45 521	10 207	1 938	2	2
1799	Special trade contractors, n.e.c.	568	5 628	131 296	360 864	331 742	237 151	103 409	29 121	11 264	4	4
	Atlantic—Cape May, NJ PMSA											
15,16,17	Construction industries	1 032	6 001	176 618	722 675	591 515	367 391	239 927	131 160	7 973	2	2
	(See appropriate State for SIC detail.)											
	Philadelphia, PA—NJ PMSA											
15,16,17	Construction industries	10 203	84 254	2 477 200	10 256 615	7 564 572	4 872 495	2 991 358	2 692 042	128 446	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	1 757	6 743	135 123	777 659	555 636	288 529	280 299	222 024	4 886	4	5
1522	Other residential buildings	73	650	(S)	95 046	56 963	36 998	20 800	38 083	(D)	20	14
1531	Operative builders	272	2 139	64 152	809 734	511 808	339 033	233 120	297 927	4 998	5	5
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	121	2 151	74 362	340 955	189 624	151 469	41 585	151 332	2 288	5	9
1542	Nonresidential buildings, n.e.c.	476	6 594	232 019	1 821 752	604 375	387 651	311 457	1 217 378	5 394	2	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	131	3 291	107 824	525 647	424 446	272 402	176 453	101 201	13 726	3	4
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	14	(D)	10 827	65 458	34 933	26 375	8 579	30 525	446	(D)	2
1623	Water, sewer, and utility lines	132	4 272	155 204	436 357	395 587	293 959	104 016	40 771	18 391	3	2
1629	Heavy construction, n.e.c.	187	3 123	112 524	472 894	375 595	252 814	133 843	97 299	15 779	6	3

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
	PHILADELPHIA—WILMINGTON—ATLANTIC CITY, PA—NJ—DE—MD CMSA—Con.											
	Philadelphia, PA—NJ PMSA—Con.											
15,16,17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning	1 504	12 990	424 811	1 399 531	1 200 386	700 218	533 334	199 145	14 130	2	2
1721	Painting and paper hanging	538	2 948	68 745	179 390	168 791	121 910	47 282	10 599	1 596	5	4
1731	Electrical work	1 079	9 170	304 542	873 198	835 096	545 676	303 721	38 103	10 192	2	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work	499	3 517	90 200	246 781	232 816	155 819	77 330	13 964	2 535	5	5
1742	Plastering, drywall, and insulation work	214	2 206	63 391	186 516	167 660	109 489	60 532	18 856	1 175	5	5
1743	Terrazzo, tile, marble, and mosaic work	(S)	492	15 912	44 831	44 314	26 911	17 570	517	270	8	6
175	Carpentry and floor work:											
1751	Carpentry	788	3 505	78 888	306 136	242 050	146 864	97 030	64 086	2 761	6	9
1752	Floor laying and other floor work	206	976	24 145	96 705	(D)	45 836	47 655	(D)	870	8	(D)
1761	Roofing, siding, and sheet metal work	608	3 816	97 174	350 260	316 233	197 949	120 353	34 027	2 730	5	4
1771	Concrete work	523	3 780	91 333	321 275	292 837	175 154	121 273	28 438	6 368	4	4
1781	Water well drilling	33	258	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	63	1 594	39 060	117 609	(D)	73 583	34 535	(D)	1 594	3	(D)
1793	Glass and glazing work	80	726	21 208	79 470	74 586	43 130	35 722	4 884	251	9	9
1794	Excavation work	268	1 383	37 590	136 842	116 606	79 856	39 947	20 235	4 749	7	6
1795	Wrecking and demolition work	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c.	69	2 301	72 438	192 216	(D)	146 065	40 966	(D)	1 837	2	(D)
1799	Special trade contractors, n.e.c.	450	4 930	115 069	309 844	283 527	204 195	86 428	26 317	10 592	4	4
	Vineland—Millville—Bridgeton, NJ PMSA											
15,16,17	Construction industries	311	1 891	52 851	224 524	178 191	115 784	65 657	46 332	(S)	4	3
	(See appropriate State for SIC detail.)											
	Wilmington—Newark, DE—MD PMSA											
15,16,17	Construction industries	1 464	13 797	365 890	1 459 648	1 108 951	696 784	439 709	350 697	23 149	1	1
	(See appropriate State for SIC detail.)											
	ALLENTOWN—BETHLEHEM—EASTON, PA MSA											
15,16,17	Construction industries	1 482	9 555	228 424	907 857	745 586	463 886	305 866	162 271	12 565	2	2
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	328	1 219	22 623	139 933	101 174	55 532	51 100	38 759	(S)	8	9
1522	Other residential buildings	(S)	43	745	3 654	3 167	1 767	1 400	487	*34	35	23
1531	Operative builders	35	226	5 303	42 560	26 490	12 555	(S)	16 070	198	18	12
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	15	(S)	3 308	(S)	(S)	6 258	(S)	(S)	*151	(S)	(S)
1542	Nonresidential buildings, n.e.c.	38	615	17 447	108 828	57 792	39 448	21 056	51 036	597	7	10
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	15	281	6 530	50 422	37 589	28 744	15 308	12 833	2 059	3	1
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	5	137	4 862	21 953	(D)	10 006	4 648	(D)	353	(Z)	(D)
1623	Water, sewer, and utility lines	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1629	Heavy construction, n.e.c.	(S)	268	8 896	25 125	22 828	16 044	8 925	2 297	935	16	15

PA—18 PENNSYLVANIA

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
	ALLENTOWN—BETHLEHEM—EASTON, PA MSA—Con.											
15,16,17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning-----	168	1 111	31 420	100 128	92 906	54 810	38 902	7 222	1 135	4	4
1721	Painting and paper hanging-----	94	502	11 136	28 120	27 375	19 961	7 568	*745	72	12	10
1731	Electrical work-----	105	920	25 347	74 225	72 821	44 658	29 723	1 404	497	6	5
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work-----	94	511	10 702	29 305	28 341	20 400	8 008	964	842	17	12
1742	Plastering, drywall, and insulation work-----	37	674	20 156	55 151	50 367	30 911	19 478	4 784	162	3	3
1743	Terrazzo, tile, marble, and mosaic work-----	(S)	46	1 243	4 432	4 146	3 071	1 083	(S)	97	15	9
175	Carpentry and floor work:											
1751	Carpentry-----	156	565	9 283	41 369	36 083	18 732	18 020	5 286	*344	14	15
1752	Floor laying and other floor work---	30	124	2 696	13 398	(D)	6 521	6 803	(D)	53	18	(D)
1761	Roofing, siding, and sheet metal work-----	71	390	7 603	27 419	25 838	12 938	13 022	1 581	232	12	10
1771	Concrete work-----	(S)	367	7 858	29 006	28 448	15 334	13 119	(S)	682	12	13
1781	Water well drilling-----	3	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	7	104	4 223	14 052	13 473	7 891	5 583	(S)	(D)	17	16
1793	Glass and glazing work-----	(S)	*16	253	(S)	(S)	545	(S)	-	-	48	(S)
1794	Excavation work-----	68	290	6 421	25 255	24 008	18 628	6 560	1 247	*1 272	17	19
1795	Wrecking and demolition work-----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c.--	6	230	4 842	10 837	(D)	8 233	2 419	(D)	(D)	(Z)	(D)
1799	Special trade contractors, n.e.c.-----	59	564	8 191	25 326	24 164	17 372	8 121	1 162	683	8	9
	HARRISBURG—LEBANON—CARLISLE, PA MSA											
15,16,17	Construction industries-----	1 276	12 181	322 918	1 489 561	1 065 112	638 045	458 459	424 449	20 200	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses-----	300	1 348	29 650	247 149	150 824	62 754	91 982	96 325	2 575	9	7
1522	Other residential buildings-----	8	54	1 125	10 469	(D)	2 867	*5 107	(D)	(D)	32	(D)
1531	Operative builders-----	34	245	7 420	64 729	41 847	14 116	29 539	22 882	1 327	15	22
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1542	Nonresidential buildings, n.e.c.-----	73	1 483	44 968	412 444	193 336	119 487	76 928	219 108	1 162	4	2
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction-----	30	721	20 782	(S)	(S)	46 654	(S)	(S)	3 997	5	(S)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines-----	13	232	7 705	21 819	20 680	13 600	7 148	1 139	306	11	7
1629	Heavy construction, n.e.c.-----	19	188	5 556	27 290	(D)	12 754	6 512	(D)	515	11	(D)
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning-----	174	2 310	70 853	219 006	188 192	114 136	77 705	30 814	5 127	2	2
1721	Painting and paper hanging-----	57	322	6 744	15 872	15 144	12 020	3 335	727	323	16	14
1731	Electrical work-----	99	942	25 537	78 841	75 797	45 427	30 758	3 045	489	5	4
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work-----	86	825	20 493	59 557	57 398	41 421	15 996	(S)	733	6	4
1742	Plastering, drywall, and insulation work-----	56	943	23 576	65 479	62 051	40 024	22 646	3 428	427	4	4
1743	Terrazzo, tile, marble, and mosaic work-----	(S)	45	(D)	(D)	(D)	(D)	(D)	(D)	(S)	11	(D)
175	Carpentry and floor work:											
1751	Carpentry-----	67	267	5 303	19 629	17 914	11 718	6 686	(S)	236	16	12
1752	Floor laying and other floor work---	11	38	867	3 456	3 390	1 812	2 265	(S)	(D)	15	27
1761	Roofing, siding, and sheet metal work-----	68	557	11 583	38 929	36 527	23 716	13 461	2 402	344	11	8
1771	Concrete work-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

CONSTRUCTION—GEOGRAPHIC AREA SERIES

PENNSYLVANIA PA—19

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
HARRISBURG—LEBANON—CARLISLE, PA MSA—Con.												
15,16,17	Construction industries—Con.											
17	Special trade contractors—Con.											
1781	Water well drilling -----	3	(D)	(D)	(D)	(D)	(D)	1 651	(D)	(D)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	5	64	1 639	3 673	(D)	2 611	610	(D)	(D)	(Z)	(D)
1793	Glass and glazing work -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work -----	50	300	5 938	20 278	19 354	12 380	7 021	925	669	13	12
1795	Wrecking and demolition work -----	*3	*39	*664	*2 636	*2 441	*2 197	*244	*195	-	47	41
1796	Installing building equipment, n.e.c. -	9	383	9 814	25 042	(D)	18 533	2 634	(D)	(D)	(Z)	(D)
1799	Special trade contractors, n.e.c. ----	50	286	5 542	15 753	14 875	10 133	5 288	878	139	25	19
PITTSBURGH, PA MSA												
15,16,17	Construction industries -----	5 518	54 910	1 458 387	6 331 124	4 682 231	3 014 743	1 804 254	1 648 893	79 794	1	1
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	1 118	4 185	71 249	425 160	309 217	149 766	164 028	115 943	3 946	6	6
1522	Other residential buildings -----	42	315	(S)	61 221	(S)	(S)	17 209	30 329	-	23	(S)
1531	Operative builders -----	122	792	17 039	191 278	136 769	81 132	63 866	54 509	614	12	13
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	37	411	(S)	48 121	(D)	21 745	13 424	(D)	(S)	14	(D)
1542	Nonresidential buildings, n.e.c. ----	276	6 015	196 635	1 518 799	651 492	387 995	296 396	867 307	10 495	4	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction ----	115	3 069	95 178	425 845	329 249	194 344	149 731	96 596	12 885	5	4
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	23	1 553	35 434	158 328	126 410	78 155	49 023	31 918	2 733	9	8
1623	Water, sewer, and utility lines -----	106	1 990	58 736	215 274	187 463	118 370	70 864	27 811	8 299	5	5
1629	Heavy construction, n.e.c. -----	144	3 689	109 608	510 654	364 888	263 299	132 258	145 766	11 227	4	2
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning -----	773	8 705	254 473	851 393	733 774	499 124	240 575	117 619	6 995	2	1
1721	Painting and paper hanging -----	388	2 263	43 306	119 657	115 922	83 262	35 100	3 735	1 083	7	7
1731	Electrical work -----	426	5 134	161 827	478 966	462 937	291 150	174 008	16 028	3 668	3	2
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work -----	307	2 117	42 091	125 300	114 959	82 932	32 286	(S)	1 209	7	5
1742	Plastering, drywall, and insulation work -----	(S)	1 791	46 694	131 107	121 540	82 307	41 513	9 567	843	4	4
1743	Terrazzo, tile, marble, and mosaic work -----	25	231	6 510	17 702	17 299	11 835	6 826	(S)	*331	16	14
175	Carpentry and floor work:											
1751	Carpentry -----	302	1 406	25 096	91 314	83 971	53 788	30 862	7 343	1 206	10	11
1752	Floor laying and other floor work ---	(S)	523	10 520	43 646	41 723	24 658	18 500	(S)	350	10	10
1761	Roofing, siding, and sheet metal work -----	238	2 799	66 441	242 698	234 092	146 225	87 952	8 605	1 760	6	4
1771	Concrete work -----	272	1 407	26 597	104 854	97 449	59 304	38 436	7 405	1 347	9	8
1781	Water well drilling -----	12	68	(D)	6 534	(D)	(D)	(D)	(D)	(D)	4	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	21	411	11 750	33 579	(D)	23 906	5 698	(D)	(D)	10	(D)
1793	Glass and glazing work -----	40	231	5 288	23 303	22 720	13 767	10 659	*583	373	20	22
1794	Excavation work -----	173	877	19 655	69 857	65 448	45 040	21 619	4 410	4 693	11	8
1795	Wrecking and demolition work -----	(S)	42	(D)	(S)	(D)	(D)	(D)	(D)	7	(Z)	(D)
1796	Installing building equipment, n.e.c. -	43	2 530	85 265	273 305	(D)	183 321	34 218	(D)	734	1	(D)
1799	Special trade contractors, n.e.c. ----	273	2 358	45 323	156 995	143 087	97 216	64 106	13 908	3 857	7	6

PA—20 PENNSYLVANIA

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
SCRANTON-WILKES-BARRE-HAZLETON, PA MSA												
15,16,17	Construction industries	1 614	8 699	206 050	825 138	681 573	416 091	284 099	143 566	15 042	3	3
15	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	469	1 410	22 265	164 173	122 730	61 066	62 620	41 443	3 328	9	13
1522	Other residential buildings	*6	45	1 164	*4 263	*3 925	*2 401	*1 680	*338	—	36	44
1531	Operative builders	*23	105	2 439	14 058	13 150	(S)	5 656	908	(S)	27	17
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	26	589	22 349	65 533	49 055	32 268	16 797	16 478	356	16	25
1542	Nonresidential buildings, n.e.c.	49	515	12 767	78 625	44 142	30 193	14 825	34 482	582	10	17
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	26	605	16 463	62 996	51 666	30 178	25 745	11 330	3 296	5	3
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction.....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines	20	398	11 470	33 731	29 608	22 114	7 501	4 122	316	16	15
1629	Heavy construction, n.e.c.	22	321	9 666	30 010	25 379	20 607	5 531	4 630	354	14	14
17	Special trade contractors:											
1711	Plumbing, heating, and air-conditioning.....	194	1 158	30 381	100 770	89 170	49 637	40 565	11 600	1 737	9	7
1721	Painting and paper hanging.....	63	202	4 454	14 022	13 859	10 963	(S)	*164	*251	19	18
1731	Electrical work	123	839	25 374	79 570	77 402	46 620	31 119	2 169	1 268	6	4
174	Masonry, stone work, tile setting, and plastering:											
1741	Masonry, stone setting, and other stone work.....	(S)	322	5 362	16 380	15 509	9 778	5 739	(S)	446	17	16
1742	Plastering, drywall, and insulation work	40	201	4 210	15 518	13 553	9 611	4 731	1 965	(S)	13	16
1743	Terrazzo, tile, marble, and mosaic work	*18	33	799	2 974	(D)	1 591	1 377	(D)	(D)	25	(D)
175	Carpentry and floor work:											
1751	Carpentry	120	383	5 540	24 028	21 967	13 453	10 129	(S)	*1 308	27	29
1752	Floor laying and other floor work	(S)	(S)	316	(S)	(S)	(S)	(S)	(S)	(D)	(S)	(S)
1761	Roofing, siding, and sheet metal work	70	373	6 578	27 205	24 592	11 698	13 100	(S)	(S)	20	20
1771	Concrete work	(S)	162	2 802	20 101	16 449	9 531	7 016	*3 652	*377	26	22
1781	Water well drilling	10	35	841	4 139	4 104	2 528	1 576	*35	214	16	17
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	(S)	(S)	(D)	(S)	2 421	(S)	(D)	(S)	(D)	(S)	(Z)
1793	Glass and glazing work	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work.....	(S)	187	3 939	12 587	(D)	8 540	5 162	(D)	(S)	21	(D)
1795	Wrecking and demolition work	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1796	Installing building equipment, n.e.c.	(S)	174	1 835	5 360	(D)	3 992	1 271	(D)	(D)	4	(D)
1799	Special trade contractors, n.e.c.	94	317	4 902	17 520	16 803	11 426	6 741	717	(D)	15	15

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.