

1990 Census of Population and Housing Equal Employment Opportunity File: Virgin Islands Technical Documentation

D1-D90-EEOF-14-TECHV

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1990 Census of
Population and Housing

**Equal
Employment
Opportunity
(EEO) File**
*Virgin Islands
of the United States*

**TECHNICAL
DOCUMENTATION**

Issued May 1993



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The files should be cited as follows:

Census of Population and Housing, 1990: Equal Employment Opportunity (EEO) File Virgin Islands of the United States [machine-readable data files] / prepared by the Bureau of the Census. —Washington: The Bureau [producer and distributor], 1993.

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Census of Population and Housing, 1990: Equal Employment Opportunity (EEO) File Virgin Islands of the United States Technical Documentation / prepared by the Bureau of the Census. —Washington: The Bureau, 1993.

For additional information concerning the files, contact Data User Services Division, Customer Services Branch, Bureau of the Census, Washington, DC 20233. Telephone: 301-763-4100.

For additional information concerning the technical documentation, contact Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, DC 20233. Telephone: 301-763-2074.

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ABSTRACT

The user should note that there are limitations to many of these data. Please refer to the technical documentation provided with the 1990 Census of Population and Housing, Equal Employment Opportunity (EEO) File Virgin Islands of the United States for a further explanation on the limitations of the data.

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CITATION

1990 Census of Population and Housing, Equal Employment Opportunity (EEO) File Virgin Islands of the United States [machine-readable data files] / prepared by the Bureau of the Census. Washington: The Bureau [producer and distributor], 1993.

TYPE OF FILE

Summary statistics.

UNIVERSE DESCRIPTION

All persons in the civilian labor force in the U.S. Virgin Islands.

SUBJECT MATTER DESCRIPTION

The 1990 Census Equal Employment Opportunity (EEO) File for the Virgin Islands is based on civilian labor force data from the 1990 decennial census. The file contains two sets of tabulations. The first set is a cross-tabulation of a detailed census occupation distribution by sex, race, and Hispanic origin. The second set shows educational attainment for selected age groupings, by sex, race, and Hispanic origin.

The format of the 1990 EEO File is somewhat different from the 1980 version. Each record contains all occupation and educational attainment categories by sex, race, and Hispanic origin. Shown below is an example of how the data are sorted for each geographic unit, that is, for the Virgin Islands and each island. The file contains data for two sets of three tables (six altogether).

1. Detailed Occupation by Sex
Universe: Civilian Labor Force
Legislators (001-003):
Male
Female
Chief executives and general administrators, public administration (004):
(Repeat SEX)
(For each occupation repeat Sex)
2. Detailed Occupation by Sex by Hispanic Origin and Race
Universe: Civilian Labor Force
Legislators (001-003):
Male:
Hispanic origin
White, not of Hispanic origin
Black, not of Hispanic origin
American Indian, Eskimo, or Aleut, not of Hispanic origin
Asian or Pacific Islander, not of Hispanic origin
Other race, not of Hispanic origin
Female:
(Repeat Hispanic origin and Race)
Chief executives and general administrators, public administration (004):
(Repeat Sex by Hispanic origin and Race)
(For each occupation repeat Sex by Hispanic origin and Race)
3. Detailed Occupation by Sex by Race
Universe: Civilian Labor Force
Legislators (001-003):
Male:
White
Black
American Indian, Eskimo, or Aleut
Asian or Pacific Islander
Other Race
Female:
(Repeat Race)
Chief executives and general administrators, public administration (004):
(Repeat Sex by Race)
(For each occupation repeat Sex by Race)

4. Educational Attainment by Sex
Universe: Civilian Labor Force
Not high school graduate:

Male
Female

High school graduate:
(Includes equivalency)
(Repeat Sex)
Some college or associate degree:
(Repeat Sex)
Bachelor's degree:
(Repeat Sex)
Graduate or professional degree:
(Repeat Sex)

20 to 24 years:
(Repeat Sex by Race)
25 to 29 years:
(Repeat Sex by Race)
30 to 34 years:
(Repeat Sex by Race)
35 to 39 years:
(Repeat Sex by Race)
40 to 69 years:
(Repeat Sex by Race)
70 years and over:
(Repeat Sex by Race)
(For each education category repeat Age by Sex
by Race.)

5. Educational Attainment by Age by Sex by
Hispanic Origin and Race
Universe: Civilian Labor Force
Not high school graduate:

16 to 19 years:
Male:
Hispanic origin
White, not of Hispanic origin
Black, not of Hispanic origin
American Indian, Eskimo, or
Aleut, not of Hispanic origin
Asian or Pacific Islander, not
of Hispanic origin
Other race, not of Hispanic origin

Female:
(Repeat Hispanic origin and Race)

20 to 24 years:
(Repeat Sex by Hispanic origin and Race)
25 to 29 years:
(Repeat Sex by Hispanic origin and Race)
30 to 34 years:
(Repeat Sex by Hispanic origin and Race)
35 to 39 years:
(Repeat Sex by Hispanic origin and Race)
40 to 69 years:
(Repeat Sex by Hispanic origin and Race)
70 years and over:
(Repeat Sex by Hispanic origin and Race)

(For each education category repeat Age by Sex
by Hispanic origin and Race)

6. Educational Attainment by Age by Sex by Race
Universe: Civilian Labor Force
Not high school graduate:

16 to 19 years:
Male:
White
Black
American Indian, Eskimo, or
Aleut
Asian or Pacific Islander
Other race
Female:
(Repeat Race)

All tables in this file present data for the entire civilian labor force. In tables 1-3, occupation data will be available only for the "recent-experienced" civilian labor force (defined as persons employed in 1990 or unemployed having civilian work experience between 1985-1990). All remaining persons in the civilian labor force are in the residual line "unemployed with no civilian work experience since 1985." This line includes all persons who reported themselves as unemployed in 1990 and one of the following: (1) their last job since 1985 was in the U.S. Armed Forces and they had a uniquely military occupation; or (2) they last worked in 1984 or earlier; or (3) they reported that they had never worked.

GEOGRAPHIC COVERAGE

Tables are provided for the Virgin Islands and the islands of St. Croix, St. John, and St. Thomas.

COMPARABILITY TO 1980 DATA

Generally, the classification system used for the 1990 occupation data is the same as the one used in 1980, but there are some differences, as follows:

New 1990 categories:

017 Managers, food serving and lodging establishments
021 Managers, service organizations, not elsewhere classified (n.e.c.)
466 Family child care providers
467 Early childhood teacher's assistants

Deleted 1980 categories (consolidated with others):

349 Telegraphers (now part of 353, Communications equipment operators, n.e.c.)
369 Samplers (now part of 368-372, Weighers, measurers, checkers, and samplers)
437 Short-order cooks (now part of 436, Cooks)
673 Apparel and fabric patternmakers (now part of 674, Miscellaneous precision apparel and fabric workers)

- 794 Hand grinding and polishing occupations (now part of 795, Miscellaneous hand working occupations)
- 805 Truck drivers, light (now part of 804, Truck drivers)

Most of the 1990 census occupation codes are the same, but some have changed. See Appendix I, 1980-1990 Occupation Comparability List, for detailed changes.

EXPECTED USE OF 1990 CENSUS EEO DATA

This file will be useful during the next decade to both the government and the private sector as the primary source of occupational and educational attainment data for personnel recruitment and affirmative action program planning.

Occupation and education data frequently are important in preparing national and local studies dealing with demographic and economic issues. The 1990 file will be valuable for such studies and especially for affirmative action planning during the 1990's. Census figures on the number of workers by occupation generally have been accepted as proxies for the number of workers who are "skilled." The first tabulation addresses this need for work-experience data by furnishing counts of people in specific occupations.

Many entry-level jobs, apprenticeship programs, training programs, and other work situations do not require a skill based on work experience (as measured by occupation) but instead require a certain level of educational attainment. The tabulation for education level by age of persons in the civilian labor force meets this need for data on new entrants.

RELATED PRINTED REPORTS

CP-S-1-1, *Detailed Occupation and Other Characteristics From the EEO File for the United States: 1990*. This publication repeats the tables available on the tape at the national level only. This report is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 003-024-08613-1. Price: \$6.00.

CPH-R-3, *1990 Census of Population and Housing: Alphabetical Index of Industries and Occupations: 1990*. This document lists all the industry and occupation titles, arranged in alphabetical order. The Index is used primarily for coding operations. This report is available from: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 003-024-08080-0. Price: \$19.

CPH-R-4, *1990 Census of Population and Housing: Classified Index of Industries and Occupations: 1990*. This document is a companion to the Alphabetical Index. Industry and occupation titles are arranged by classification code. It presents for each category in the

Industrial and occupational classification systems, the individual titles that constitute the category. This report is available from: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 003-024-08081-8. Price: \$14.

RELATED REFERENCE MATERIALS

1990 CPH-I-6VI, *1990 Census of Population and Housing Tabulation and Publication Program for the Virgin Islands of the United States*. This booklet provides descriptions of the data products available from the 1990 census for the Virgin Islands. Available without charge from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Telephone: 301-763-4100. FAX: 301-763-4794.

Census '90 Basics. This booklet provides a general overview of the census activity and detailed information on census content, geographic areas, and products. Available without charge from Customer Services (see above).

Census ABC's—Applications in Business and Community. This booklet highlights key information about the 1990 census and illustrates a variety of ways the data can be used. Available without charge from Customer Services (see above).

1990 CPH-R-1A, *1990 Census of Population and Housing Guide, Part A. Text*. This provides detailed information about all aspects of the census. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. GPO S/N 003-024-08574-7. Price: \$11.

1990 CPH-R-1B, *1990 Census of Population and Housing Guide, Part B. Glossary*. This is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. GPO S/N 003-024-08679-4. Price: \$5.50. Part C, Index, provides an index of Summary Tape Files 1-4 and will be available in the spring of 1993.

RELATED ELECTRONIC MEDIA PRODUCTS

The EEO File for the Virgin Islands also will be available on CD-ROM and will contain data for all geographic entities on the computer tape. It will be in dBASE format, and organized in a fashion similar to the tape file. The disc will include the technical documentation and a simple retrieval/display program that retrieves geographic entities and displays data tables.

TECHNICAL DESCRIPTION

The EEO File has a record size of 122,310 characters divided into 15 segments of 8,154 characters each. The first 300 characters of each segment contain geographic information.

FILE AVAILABILITY

The EEO file for the Virgin Islands is available as a single file. The data for the Virgin Islands and for each island are identified on the tape by both a geographic code and alphabetic name. This allows users to identify the data easily when printed and eliminate the need for a separate geographic code index.

Options include 6250 or 1600 bpi, ASCII or EBCDIC, labeled or unlabeled. The files are also available on tape cartridges (IBM 3480 compatible) for the same price. A machine-readable data dictionary is included on the tape without charge. The minimum charge for a computer tape is \$175. For pricing information contact

Customer Services. Each order includes a copy of the technical documentation; additional copies are \$15 per copy. When ordering, please use the order form at the end of this chapter. For further information contact Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Phone: 301-763-4100. Fax: 301-763-4794.

For additional information about the content of the EEO Files, such as occupational classifications, coding, data collection, etc., contact: Thomas S. Scopp, Labor Force Statistics Branch, Housing and Household Economic Statistics Division, Bureau of the Census, Washington, DC 20233. Phone: 301-763-8574. FAX: 301-763-8412.

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HOW TO USE THIS FILE

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INTRODUCTION

This chapter serves as a guide for data users to both the tape and the technical documentation. Novice users trying to understand how to use the documentation and the file should read this chapter first.

Documentation Chapters

The Abstract chapter in this documentation provides a quick overview of the file, including the formal title, geographic coverage, subject coverage, comparability to 1980 data, and file availability. Also shown are citations for related reference materials and printed reports. Their titles and geography are included in this section, along with purchasing information.

The Subject Locator is an aid to finding which tables provide the information needed. The List of Tables (Matrices) and the Table (Matrix) Outlines provide two types of presentations for the tables available in the file. The List of Tables (Matrices) has the table titles and universes.

The Table (Matrix) Outlines show a detailed presentation of the tables. When reviewing the tables, remember that a colon (:) following an entry indicates the entry is a heading, not a data cell. For this EEO file, the main occupation headings are shown in the Table (Matrix) Outlines and in appendix H. The Table (Matrix) Section of the data dictionary describes only the data cell items. In the Table (Matrix) Outlines and the Table (Matrix) Section, many occupation codes are presented as ranges; for example, legislators (001-003). In appendix H, the Occupation Code List includes single census occupation codes and comparable Standard Occupational Classification (SOC) code equivalents. Single census occupation codes in appendix H are equivalent to corresponding census code ranges in the Table (Matrix) Outlines and Table (Matrix) Section.

User Notes

Information about file or documentation changes sometimes becomes available after the documentation has been printed. User notes inform the user community about these changes. These are issued in a numbered series. If there are technical documentation

changes, revised pages usually accompany them. The revised pages should be inserted in their proper location, but the user note cover sheet should be filed in the User Notes chapter. Technical notes, which contain file errata, also are issued by the Census Bureau. We suggest filing these following appendix I.

Data Dictionary

The data dictionary describes the file and provides character locations for each variable and each table. It has two elements, the identification section and the table (matrix) section.

In the identification section, the components include the field name; the data dictionary reference name, a short mnemonic for use with software packages; field size; starting position; and data type (alphabetic, numeric, or alphanumeric).

The identification section of the data dictionary is identical for the EEO file and all summary tape files. It provides a list of the geographic codes or refers the user to the appropriate source. Review the footnotes carefully; they provide explanations for various terms. These footnotes are listed at the end of the identification section of the data dictionary.

The table (matrix) section provides information on the table (matrix) number; table (matrix) description; number of implied decimals in each cell (if not 0); starting position within the record, within the segment, and for all cells within the first-level variable; and cell coordinates.

There also is a machine-readable data dictionary file on the data tape. This dictionary is designed to be converted for use with various software packages.

Appendixes

Detailed information on geographic areas is in appendix A followed by subject-matter definitions in appendix B. Appendix C provides detailed statistical information about the data while appendix D outlines the data collection and processing procedures. A facsimile of the 1990 census questionnaire is in appendix E.

Appendix F furnishes detailed information on the 1990 census data products for the Virgin Islands, as well as suggested sources of information and assistance. The record layout for the machine-readable data dictionary file that accompanies each tape order is in appendix G.

Appendix H contains the industry and occupation code lists used in processing the data. Each respective list also contains the Standard Industrial Classification

(SIC) codes and the 1980 Standard Occupational Classification (SOC) code equivalents. Occupation and industry codes are listed on the left of each code description; SIC codes, and SOC codes are in parentheses at the end of each code description.

Appendix I compares the 1980 and 1990 occupation codes and notes changes.

Count Corrections

The Census Bureau issues population count corrections on an occasional basis. Count corrections for geography at the place level and above are available from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Count corrections for geography at the census tract/BNA level or below are available from Population Division, Bureau of the Census, Washington, DC 20233. When requesting these corrections, please include the desired census tract/BNA, block group, or block numbers.

USING THE FILE

Internal File Labels

System Labels—Tape orders which specify labeled tapes will have a standard American National Standards Institute (ANSI) label. The system label consists of 17 characters, but only the first 12 are active. The remaining five characters will be 'X' filled. The 1990 EEO File for the Virgin Islands has a Data Set Name (DSN) of SP300XVI.Fnnxxxx; nn is a two-digit number with leading zeroes identifying the tape volume sequence. (The "X", "F", and "x" in the DSN remain constant.)

User Labels—Each user tape will have six user header labels and six user trailer labels. These labels combine information from the system label and the identification portion of the first and last record. These labels enable the user to quickly identify the beginning and ending records on each tape.

User Header Labels—The user header labels are designated UHL1 through UHL6. UHL1 and UHL2 repeat information from the system label in HDR1 and HDR2. UHL3 and UHL4 contain information from the identification portion of the first record on the tape. UHL5 through UHL6 contain a statement regarding the data.

User Trailer Labels—The user trailer labels are designated UTL1 through UTL6. UTL1 and UTL2 contain information from the system trailer label. UTL3 and subsequent user trailer labels contain identification information from the last record on the tape. The unused portion of UTL6 is blank filled.

Specific File Information

Specific file information for the Virgin Islands, such as record counts, is not provided in the technical documentation. However, each tape order is accompanied by a tape creation sheet. This sheet provides the file name, file label (HDR1), the third user header label (UHL3), record size, block size, and record count. The third user header label for each reel identifies the geography for the first record on the reel. For example, the UHL3 at the beginning of each reel of a three-reel file for a State provides the geography for the first record. If the geography needed is on reel three, only reel three needs to be processed.

The tape creation sheet received with the tape should be filed in the technical documentation notebook or with other tape information maintained by the user.

Record Segmentation

Logical records are divided into segments, each containing identification information and parts of specific tables. A logical record is one geographic entity such as the Virgin Islands or an island (St. Croix, St. John, or St. Thomas). Every logical record has a sequence number that is repeated in each segment. This is the logical record number (LOGRECNU). There is a unique LOGRECNU for every separate geographical entity on a specific tape. The LOGRECNU appears in position 19 of each segment.

Following this, beginning in position 25 is the logical record part number (LOGRECPN). The LOGRECPN indicates the segment number for a block of data within a record. See Chart 1, Segmentation of EEO Records, for a list of segments for the EEO Virgin Islands File. The total number of parts, or segments, in a record (PARTREC) are shown in position 29. For the EEO File the PARTREC will indicate "15."

It is important to check the LOGRECPN to be assured the correct segment or segments of a logical record have been accessed. For example, if data for billing clerks is required from table P2, two different segments of a logical record need to be read. To assure that the correct data are available, the PARTREC should indicate "4" for the first block of data and "5" for the next block of data in the same LOGRECNU.

Each EEO logical record has a record size of 122,310 characters. The record is divided into 15 record segments of 8,154 characters with each segment having 300 characters of identification information followed by tables (matrices). The geographic information layout for each segment is identical to the identification information described for starting positions 1-300 of the data dictionary. The segmentation scheme is illustrated as follows.

Chart 1. Segmentation of EEO Records

Each segment includes 6 characters of filler with the exception of Segment 15. Segment 15 has 114 characters of filler. Portions of occupation categories in the tables are split across segments. The number of data cells within each segment is noted when an occupation category crosses 2 segments. Each data cell contains 9 characters.

Segment 1	
P1. Legislators through Packaging and filling machine operators (754)	
Segment 2	
P1. Extruding and forming machine operators (755) through P2. Dentists (085)	
Segment 3	
P2. Veterinarians (086) through Public relations specialist (197)—8 data cells	
Segment 4	
P2: Public relations specialist (197)—4 data cells—through Billing clerks (339-342)—4 data cells	
Segment 5	
P2. Billing clerks (339-342)—8 data cells—through Family child care providers (466)	
Segment 6	
P2. Early childhood teacher's assistants (467) through Insulation workers (593)—8 data cells	
Segment 7	
P2. Insulation workers (593)—4 data cells—through Photoengravers and lithographers (735)—4 data cells	
Segment 8	
P2. Photoengravers and lithographers (735)—8 data cells —through Helpers, extractive occupations (868)	
Segment 9	
P2. Construction laborers (869-873) through P3. Respiratory therapists (098)	
Segment 10	
P3. Occupational therapists (099-102) through Legal assistants (234)—2 data cells	
Segment 11	
P3. Legal assistants (234)—8 data cells—through Supervisors, police and detectives (414)—4 data cells	
Segment 12	
P3. Supervisors, police and detectives (414)—6 data cells —through Supervisors, electricians and power transmission installers (555)—6 data cells	
Segment 13	
P3. Supervisors, electricians and power transmission installers (555)—4 data cells—through Miscellaneous metal and plastic processing machine operators (725)—8 data cells	
Segment 14	
P3. Miscellaneous metal and plastic processing machine operators (725)—2 data cells—through Garage and service station related occupations (885-886)	
Segment 15	
P3. Vehicle washers and equipment cleaners (887) through P6. Graduate or professional degree	

Record Identification

Each record on the EEO File is identified uniquely by a combination of geography (for example, Virgin Islands and island codes), summary level, and geographic component codes. For example, if you have the Virgin Islands EEO File and want to look at the record for St. John Island, two identification fields in the identification section of the data dictionary must be checked: the summary level code (SUMLEV) for the county records (050), and the county code (CNTY) for St. John Island (020). The SUMLEV is found in position 11; CNTY is in position 72. The user should review the identification section of the data dictionary for specific position of geographic codes. The geographic code list for the Virgin Islands is shown below:

FIPS State	Code County	Name
78	010	St. Croix Island
78	020	St. John Island
78	030	St. Thomas Island

Summary Level Sequence Chart and Geographic Area Component Codes

The Summary Level Sequence Chart chapter and the geographic area component codes provide important information for using the 1990 Virgin Islands EEO File.

The Summary Level Sequence Chart chapter identifies the geographic levels for which data are provided. It is easy to determine this if you remember that the last geographic area type listed in the sequence identifies the geography of the summary level; the prior codes simply define the hierarchy. For example, in summary level 050, the hierarchy listed is State—County. The record actually contains data for a county (island) within the Virgin Islands.

When reading the Summary Level Sequence Chart chapter, it is important to recognize that dashes (—) separate the individual hierarchies while slashes (/) separate different types of geography within the same hierarchy.

After identifying the summary level code, turn to chart 2 at the end of this chapter to determine the geographic area codes and area characteristics provided on the tape for this summary level. Remember that an asterisk (*) indicates a code in that field. The code may be one of the standard codes described below.

The Summary Level Sequence Chart chapter also provides geographic component code information. This code identifies the various geographic components for which the record is repeated within the summary level. These component codes are provided in the data dictionary beginning in position 14. For example, the Summary Level Sequence Chart for EEO indicates that the summary level for State records (040) and county records (050) have geographic component code 00. By

turning to the geographic component variable in the data dictionary, you can determine that the tables for these summary levels are available for the total geography—State or county.

In short, always check the geographic codes, the summary level (beginning in position 11 of the data dictionary), and the geographic component code (beginning in position 14 of the data dictionary) for complete identification of an EEO record.

Special Area Codes

Special area codes appear in the geographic area codes portion of the data dictionary (positions 142-171). The codes represented may vary across decennial products. In the EEO File, special area code (9) is used. The nine codes for special area code (9) are described below.

Special area code (9)—Land/water area

- | | |
|---|--|
| 1 | Significant land, significant (0.0005 or more square kilometers) water |
| 2 | Significant land, minimal (less than 0.0005 square kilometer) water |
| 3 | Significant land, zero (0) water |
| 4 | Minimal land, significant water |
| 5 | Minimal land, minimal water |
| 6 | Minimal land, zero water |
| 7 | Zero land, significant water |
| 8 | Zero land, minimal water |
| 9 | Zero land, zero water |

Class of Worker Codes

Class of worker codes are used with some of the EEO detailed occupations. The codes and definitions are as follows:

- | | |
|---|--|
| 0 | NA (Including Person Under 16 Years/Unemployed Who Never Worked/Not in the Labor Force or Last Worked Before 1985) |
|---|--|

- | | |
|---|--|
| 1 | Employee of a Private For-Profit Company |
| 2 | Employee of a Private Not-for-Profit Company |
| 3 | Employee of a Local Government |
| 4 | Not used |
| 5 | Employee of Federal Government |
| 6 | Self-employed in Own Not Incorporated Business |
| 7 | Self-employed in Own Incorporated Business |
| 8 | Unpaid Family Worker |
| 9 | Unemployed, Last Worked Before 1985 |

Standard Codes

In the identification section of all decennial tape products, there are standard codes, undefined in the data dictionary, that have identical meaning regardless of the field. The codes are the same size as the field; that is, a three-character field will have three symbols. These standard codes are listed below.

- | | |
|-------|--|
| ! | Not available—The code would be shown except it had not been determined when the files were prepared (for example, metropolitan area code on a county summary level (050) on STF 1A). |
| 9 | Not In—This indicates a "remainder of" an area, such as a place code in the portion of a county subdivision not in a place, or the summary level is not part of any area to which the code field applies, such as a summary level which is not in an Alaska Native Regional Corporation. |
| Blank | Not applicable—This indicates that the code is not applicable to the summary level. |

Where these codes are specifically defined in the data dictionary, the defined code should be used. For example, in the division code description on the data dictionary (position 89), the code for the Pacific Division is indicated as "9." This "9" should be interpreted as the division code, not as "not in," the standard code for "9."

Chart 2. EEO (Virgin Islands) File Identification by Summary Level¹

Field name	Summary level	
	040	050
Record Codes		
File Identification	*	*
State/US-Abbreviation (Virgin Islands only)	*	*
Summary Level	*	*
Geographic Component	*	*

Characteristic Iteration	*	*
Logical Record Number	*	*
Logical Record Part Number	*	*
Total Number of Parts In Record	*	*

Geographic Area Codes		
Alaska Native Regional Corporation		
American Indian And Alaska Native Area (Census)		
American Indian And Alaska Native Area (FIPS)		
American Indian And Alaska Native Area Class Code		

American Indian Reservation Trust Land Indicator		
Block		
Block Group		
Census Tract/Block Numbering Area		

Congressional District		
Consolidated City (Census)		
Consolidated City (FIPS)		
Consolidated City Class Code		

Consolidated City Size Code		
Consolidated Metropolitan Statistical Area		
County (Island)		
County Size Code		

County Subdivision (Subdistrict) (Census)		
County Subdivision (FIPS)		
County Subdivision Class Code		
County Subdivision Size Code		

Division		
Extended City Indicator		
Internal Use Code		
Metropolitan Statistical Area/Consolidated Metropolitan Area		

¹See the Summary Level Sequence Chart chapter for identification of the summary level record numbers.

Chart 2. EEO File Identification by Summary Level¹—Con.

Field name	Summary level 040	050
Geographic Area Codes—Con.		
MSA/CMSA Size Code		*
Place (Census)		
Place (FIPS)		
Place Class Code		

Place Description Code		
Place Size Code		
Primary Metropolitan Statistical Area Region	*	*

State (Census)	*	*
State (FIPS)	*	*
Urban/Rural		
Urbanized Area		
Urbanized Area Size Code		

Special Area Code (1)		
Special Area Code (2)		
Special Area Code (3)		
Special Area Code (4)		
Special Area Code (5)		

Special Area Code (6)		
Special Area Code (7)		
Special Area Code (8)		
Special Area Code (9)	*	*
Special Area Code (10)		

Area Characteristics		
Area (Land)	*	*
Area (Water)	*	*
Area Name/PSAD Term/Part Indicator	*	*
Functional Status Code	*	*

Geographic Change User Note Indicator	*	*
Housing Unit Count (100 percent)	*	*
Internal Point (Latitude)	*	*
Internal Point (Longitude)	*	*

Part Flag		
Political/Statistical Area Description Code	*	*
Population Count (100 percent)	*	*
Special Flag	*	*

¹See the Summary Level Sequence Chart chapter for identification of the summary level record numbers.

SUBJECT LOCATOR

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INTRODUCTION

This index is designed to quickly identify the EEO tables needed. Each table variable is listed alphabetically. Both the type of entry being tabulated (universe), which is shown in italics, and the relevant table numbers appear under the variable heading. If the entry variable is cross tabulated by another variable, the variable of cross tabulation is indicated beneath the universe and is preceded by the word "by." The index entries for each variable are arranged alphabetically by universe, then by variable of cross tabulation, if any. For example, if you are looking for a table tabulating detailed occupation by race by sex for the civilian labor force, check the index under any of the three variables. Checking under detailed occupation, you find entries for three tables. As with all tables in this file, these three tables have a universe of civilian labor force. Checking the P3 entry, you can see that detailed occupation is cross tabulated by sex by race.

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P6.	EDUCATIONAL ATTAINMENT(5) BY AGE(7) BY SEX(2) BY RACE(5)..... <i>Universe: Civilian labor force</i>	350



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Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2) <i>Universe: Civilian labor force</i> MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS (001-202): Executive, Administrative, and Managerial Occupations (001-042): Legislators (001-003): Male Female Chief executives and general administrators, public administration (004): (Repeat SEX) Administrators and officials, public administration (005): (Repeat SEX) Administrators, protective services (006): (Repeat SEX) Financial managers (007): (Repeat SEX) Personnel and labor relations managers (008): (Repeat SEX) Purchasing managers (009-012): (Repeat SEX) Managers, marketing, advertising, and public relations (013): (Repeat SEX) Administrators, education and related fields (014): (Repeat SEX) Managers, medicine and health (015): (Repeat SEX) Postmasters and mail superintendents (016): (Repeat SEX) Managers, food serving and lodging establishments (017): (Repeat SEX) Managers, properties and real estate (018): (Repeat SEX) Funeral directors (019-020): (Repeat SEX) Managers, service organizations, n.e.c. (021): (Repeat SEX) Managers and administrators, n.e.c. (022): Managers and administrators, n.e.c., salaried (022) (Class of worker codes 1-5, 7, 9): ¹ (Repeat SEX) Managers and administrators, n.e.c., self-employed (022) (Class of worker codes 6, 8): ¹ (Repeat SEX) Management Related Occupations (023-042): Accountants and auditors (023): (Repeat SEX) Underwriters (024): (Repeat SEX) Other financial officers (025): (Repeat SEX) Management analysts (026): (Repeat SEX) Personnel, training, and labor relations specialists (027): (Repeat SEX)	1024

¹See How to Use this File chapter for class of worker code definitions.

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)-Con.	
	Purchasing agents and buyers, farm products (028): (Repeat SEX)	
	Buyers, wholesale and retail trade, except farm products (029-032): (Repeat SEX)	
	Purchasing agents and buyers, n.e.c. (033): (Repeat SEX)	
	Business and promotion agents (034): (Repeat SEX)	
	Construction inspectors (035): (Repeat SEX)	
	Inspectors and compliance officers, except construction (036): (Repeat SEX)	
	Management related occupations, n.e.c. (037-042): (Repeat SEX)	
	Professional Specialty Occupations (043-202):	
	Engineers, Architects, and Surveyors (043-063):	
	Architects (043): (Repeat SEX)	
	Engineers (044-062):	
	Aerospace (044): (Repeat SEX)	
	Metallurgical and materials (045): (Repeat SEX)	
	Mining (046): (Repeat SEX)	
	Petroleum (047): (Repeat SEX)	
	Chemical (048): (Repeat SEX)	
	Nuclear (049-052): (Repeat SEX)	
	Civil (053): (Repeat SEX)	
	Agricultural (054): (Repeat SEX)	
	Electrical and electronic (055): (Repeat SEX)	
	Industrial (056): (Repeat SEX)	
	Mechanical (057): (Repeat SEX)	
	Marine and naval architects (058): (Repeat SEX)	
	Engineers, n.e.c. (059-062): (Repeat SEX)	
	Surveyors and mapping scientists (063): (Repeat SEX)	
	Mathematical and Computer Scientists (064-068):	
	Computer systems analysts and scientists (064): (Repeat SEX)	
	Operations and systems researchers and analysts (065): (Repeat SEX)	
	Actuaries (066): (Repeat SEX)	
	Statisticians (067): (Repeat SEX)	
	Mathematical scientists, n.e.c. (068): (Repeat SEX)	
	Natural Scientists (069-083):	
	Physicists and astronomers (069-072): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)—Con. Chemists, except biochemists (073): (Repeat SEX) Atmospheric and space scientists (074): (Repeat SEX) Geologists and geodesists (075): (Repeat SEX) Physical scientists, n.e.c. (076): (Repeat SEX) Agricultural and food scientists (077): (Repeat SEX) Biological and life scientists (078): (Repeat SEX) Forestry and conservation scientists (079-082): (Repeat SEX) Medical scientists (083): (Repeat SEX) Health Diagnosing Occupations (084-094): Physicians (084): (Repeat SEX) Dentists (085): (Repeat SEX) Veterinarians (086): (Repeat SEX) Optometrists (087): (Repeat SEX) Podiatrists (088): (Repeat SEX) Health diagnosing practitioners, n.e.c. (089-094): (Repeat SEX) Health Assessment and Treating Occupations (095-112): Registered nurses (095): (Repeat SEX) Pharmacists (096): (Repeat SEX) Dietitians (097): (Repeat SEX) Therapists (098-105): Respiratory therapists (098): (Repeat SEX) Occupational therapists (099-102): (Repeat SEX) Physical therapists (103): (Repeat SEX) Speech therapists (104): (Repeat SEX) Therapists, n.e.c. (105): (Repeat SEX) Physicians' assistants (106-112): (Repeat SEX) Teachers, Postsecondary (113-154): Earth, environmental, and marine science teachers (113): (Repeat SEX) Biological science teachers (114): (Repeat SEX) Chemistry teachers (115): (Repeat SEX) Physics teachers (116): (Repeat SEX) Natural science teachers, n.e.c. (117): (Repeat SEX) Psychology teachers (118): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)—Con.	
	Economics teachers (119-122): (Repeat SEX)	
	History teachers (123): (Repeat SEX)	
	Political science teachers (124): (Repeat SEX)	
	Sociology teachers (125): (Repeat SEX)	
	Social science teachers, n.e.c. (126): (Repeat SEX)	
	Engineering teachers (127): (Repeat SEX)	
	Mathematical science teachers (128): (Repeat SEX)	
	Computer science teachers (129-132): (Repeat SEX)	
	Medical science teachers (133): (Repeat SEX)	
	Health specialties teachers (134): (Repeat SEX)	
	Business, commerce, and marketing teachers (135): (Repeat SEX)	
	Agriculture and forestry teachers (136): (Repeat SEX)	
	Art, drama, and music teachers (137): (Repeat SEX)	
	Physical education teachers (138): (Repeat SEX)	
	Education teachers (139-142): (Repeat SEX)	
	English teachers (143): (Repeat SEX)	
	Foreign language teachers (144): (Repeat SEX)	
	Law teachers (145): (Repeat SEX)	
	Social work teachers (146): (Repeat SEX)	
	Theology teachers (147): (Repeat SEX)	
	Trade and industrial teachers (148): (Repeat SEX)	
	Home economics teachers (149-152): (Repeat SEX)	
	Teachers, postsecondary, n.e.c. (153): (Repeat SEX)	
	Postsecondary teachers, subject not specified (154): (Repeat SEX)	
	Teachers, Except Postsecondary (155-162):	
	Teachers, prekindergarten and kindergarten (155): (Repeat SEX)	
	Teachers, elementary school (156): (Repeat SEX)	
	Teachers, secondary school (157): (Repeat SEX)	
	Teachers, special education (158): (Repeat SEX)	
	Teachers, n.e.c. (159-162): (Repeat SEX)	
	Counselors, Educational and Vocational (163): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)—Con. Librarians, Archivists, and Curators (164-165): Librarians (164): (Repeat SEX) Archivists and curators (165): (Repeat SEX) Social Scientists and Urban Planners (166-173): Economists (166): (Repeat SEX) Psychologists (167): (Repeat SEX) Sociologists (168): (Repeat SEX) Social scientists, n.e.c. (169-172): (Repeat SEX) Urban planners (173): (Repeat SEX) Social, Recreation, and Religious Workers (174-177): Social workers (174): (Repeat SEX) Recreation workers (175): (Repeat SEX) Clergy (176): (Repeat SEX) Religious workers, n.e.c. (177): (Repeat SEX) Lawyers and Judges (178-182): Lawyers (178): (Repeat SEX) Judges (179-182): (Repeat SEX) Writers, Artists, Entertainers, and Athletes (183-202): Authors (183): (Repeat SEX) Technical writers (184): (Repeat SEX) Designers (185): (Repeat SEX) Musicians and composers (186): (Repeat SEX) Actors and directors (187): (Repeat SEX) Painters, sculptors, craft-artists, and artist printmakers (188): (Repeat SEX) Photographers (189-192): (Repeat SEX) Dancers (193): (Repeat SEX) Artists, performers, and related workers, n.e.c. (194): (Repeat SEX) Editors and reporters (195-196): (Repeat SEX) Public relations specialists (197): (Repeat SEX) Announcers (198): (Repeat SEX) Athletes (199-202): (Repeat SEX) TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS (203-402): Technicians and Related Support Occupations (203-242): Health Technologists and Technicians (203-212): Clinical laboratory technologists and technicians (203): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	<p>DETAILED OCCUPATION(512) BY SEX(2)–Con.</p> <p>Dental hygienists (204): (Repeat SEX)</p> <p>Health record technologists and technicians (205): (Repeat SEX)</p> <p>Radiologic technicians (206): (Repeat SEX)</p> <p>Licensed practical nurses (207): (Repeat SEX)</p> <p>Health technologists and technicians, n.e.c. (208-212): (Repeat SEX)</p> <p>Technologists and Technicians, Except Health (213-242):</p> <p>Engineering and Related Technologists and Technicians (213-222):</p> <p>Electrical and electronic technicians (213): (Repeat SEX)</p> <p>Industrial engineering technicians (214): (Repeat SEX)</p> <p>Mechanical engineering technicians (215): (Repeat SEX)</p> <p>Engineering technicians, n.e.c. (216): (Repeat SEX)</p> <p>Drafting occupations (217): (Repeat SEX)</p> <p>Surveying and mapping technicians (218-222): (Repeat SEX)</p> <p>Science Technicians (223-225):</p> <p>Biological technicians (223): (Repeat SEX)</p> <p>Chemical technicians (224): (Repeat SEX)</p> <p>Science technicians, n.e.c. (225): (Repeat SEX)</p> <p>Technicians, Except Health, Engineering, and Science (226-242):</p> <p>Airplane pilots and navigators (226): (Repeat SEX)</p> <p>Air traffic controllers (227): (Repeat SEX)</p> <p>Broadcast equipment operators (228): (Repeat SEX)</p> <p>Computer programmers (229-232): (Repeat SEX)</p> <p>Tool programmers, numerical control (233): (Repeat SEX)</p> <p>Legal assistants (234): (Repeat SEX)</p> <p>Technicians, n.e.c. (235-242): (Repeat SEX)</p> <p>Sales Occupations (243-302):</p> <p>Supervisors and proprietors, sales occupations, salaried (243-252) (Class of worker codes 1-5, 7, 9):¹ (Repeat SEX)</p> <p>Supervisors and proprietors, sales occupations, self employed (243-252) (Class of worker codes 6, 8):¹ (Repeat SEX)</p> <p>Sales Representatives, Finance and Business Services (253-257):</p> <p>Insurance sales occupations (253): (Repeat SEX)</p> <p>Real estate sales occupations (254): (Repeat SEX)</p> <p>Securities and financial services sales occupations (255): (Repeat SEX)</p>	

¹See How to Use this File chapter for class of worker code definitions.

- P1. DETAILED OCCUPATION(512) BY SEX(2)—Con.
- Advertising and related sales occupations (256):
(Repeat SEX)
 - Sales occupations, other business services (257):
(Repeat SEX)
 - Sales Representatives, Commodities, Except Retail (258-262):
 - Sales engineers (258):
(Repeat SEX)
 - Sales representatives, mining, manufacturing, and wholesale (259-262):
(Repeat SEX)
 - Sales Workers, Retail and Personal Services (263-282):
 - Sales workers, motor vehicles and boats (263):
(Repeat SEX)
 - Sales workers, apparel (264):
(Repeat SEX)
 - Sales workers, shoes (265):
(Repeat SEX)
 - Sales workers, furniture and home furnishings (266):
(Repeat SEX)
 - Sales workers, radio, TV, hi-fi, and appliances (267):
(Repeat SEX)
 - Sales workers, hardware and building supplies (268):
(Repeat SEX)
 - Sales workers, parts (269-273):
(Repeat SEX)
 - Sales workers, other commodities (274):
(Repeat SEX)
 - Sales counter clerks (275):
(Repeat SEX)
 - Cashiers (276):
(Repeat SEX)
 - Street and door-to-door sales workers (277):
(Repeat SEX)
 - News vendors (278-282):
(Repeat SEX)
 - Sales Related Occupations (283-302):
 - Demonstrators, promoters and models, sales (283):
(Repeat SEX)
 - Auctioneers (284):
(Repeat SEX)
 - Sales support occupations, n.e.c. (285-302):
(Repeat SEX)
 - Administrative Support Occupations, Including Clerical (303-402):
 - Supervisors, Administrative Support Occupations (303-307):
 - Supervisors, general office (303):
(Repeat SEX)
 - Supervisors, computer equipment operators (304):
(Repeat SEX)
 - Supervisors, financial records processing (305):
(Repeat SEX)
 - Chief communications operators (306):
(Repeat SEX)
 - Supervisors, distribution, scheduling, and adjusting clerks (307):
(Repeat SEX)
 - Computer Equipment Operators (308-312):
 - Computer operators (308):
(Repeat SEX)
 - Peripheral equipment operators (309-312):
(Repeat SEX)
 - Secretaries, Stenographers, and Typists (313-315):
 - Secretaries (313):
(Repeat SEX)

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)-Con.	
	Stenographers (314): (Repeat SEX)	
	Typists (315): (Repeat SEX)	
	Information Clerks (316-324):	
	Interviewers (316): (Repeat SEX)	
	Hotel clerks (317): (Repeat SEX)	
	Transportation ticket and reservation agents (318): (Repeat SEX)	
	Receptionists (319-322): (Repeat SEX)	
	Information clerks, n.e.c. (323-324): (Repeat SEX)	
	Records Processing Occupations, Except Financial (325-336):	
	Classified-ad clerks (325): (Repeat SEX)	
	Correspondence clerks (326): (Repeat SEX)	
	Order clerks (327): (Repeat SEX)	
	Personnel clerks, except payroll and timekeeping (328): (Repeat SEX)	
	Library clerks (329-334): (Repeat SEX)	
	File clerks (335): (Repeat SEX)	
	Records clerks (336): (Repeat SEX)	
	Financial Records Processing Occupations (337-344):	
	Bookkeepers, accounting, and auditing clerks (337): (Repeat SEX)	
	Payroll and timekeeping clerks (338): (Repeat SEX)	
	Billing clerks (339-342): (Repeat SEX)	
	Cost and rate clerks (343): (Repeat SEX)	
	Billing, posting, and calculating machine operators (344): (Repeat SEX)	
	Duplicating, Mail and Other Office Machine Operators (345-347):	
	Duplicating machine operators (345): (Repeat SEX)	
	Mail preparing and paper handling machine operators (346): (Repeat SEX)	
	Office machine operators, n.e.c. (347): (Repeat SEX)	
	Communications Equipment Operators (348-353):	
	Telephone operators (348-352): (Repeat SEX)	
	Communications equipment operators, n.e.c. (353): (Repeat SEX)	
	Mail and Message Distributing Occupations (354-358):	
	Postal clerks, except mail carriers (354): (Repeat SEX)	
	Mail carriers, postal service (355): (Repeat SEX)	
	Mail clerks, except postal service (356): (Repeat SEX)	
	Messengers (357-358): (Repeat SEX)	

- P1. DETAILED OCCUPATION(512) BY SEX(2)—Con.
- Material Recording, Scheduling, and Distributing Clerks (359-374):
 - Dispatchers (359-362):
(Repeat SEX)
 - Production coordinators (363):
(Repeat SEX)
 - Traffic, shipping, and receiving clerks (364):
(Repeat SEX)
 - Stock and inventory clerks (365):
(Repeat SEX)
 - Meter readers (366-367):
(Repeat SEX)
 - Weighers, measurers, checkers, and samplers (368-372):
(Repeat SEX)
 - Expeditors (373):
(Repeat SEX)
 - Material recording, scheduling, and distributing clerks, n.e.c. (374):
(Repeat SEX)
 - Adjusters and Investigators (375-378):
 - Insurance adjusters, examiners, and investigators (375):
(Repeat SEX)
 - Investigators and adjusters, except insurance (376):
(Repeat SEX)
 - Eligibility clerks, social welfare (377):
(Repeat SEX)
 - Bill and account collectors (378):
(Repeat SEX)
 - Miscellaneous Administrative Support Occupations (379-402):
 - General office clerks (379-382):
(Repeat SEX)
 - Bank tellers (383):
(Repeat SEX)
 - Proofreaders (384):
(Repeat SEX)
 - Data-entry keyers (385):
(Repeat SEX)
 - Statistical clerks (386):
(Repeat SEX)
 - Teachers' aides (387-388):
(Repeat SEX)
 - Administrative support occupations, n.e.c. (389-402):
(Repeat SEX)
 - SERVICE OCCUPATIONS (403-473):
 - Private Household Occupations (403-412):
 - Launderers and ironers (403):
(Repeat SEX)
 - Cooks, private household (404):
(Repeat SEX)
 - Housekeepers and butlers (405):
(Repeat SEX)
 - Child care workers, private household (406):
(Repeat SEX)
 - Private household cleaners and servants (407-412):
(Repeat SEX)
 - Protective Service Occupations (413-432):
 - Supervisors, Protective Service Occupations (413-415):
 - Supervisors, firefighting and fire prevention occupations (413):
(Repeat SEX)
 - Supervisors, police and detectives (414):
(Repeat SEX)
 - Supervisors, guards (415):
(Repeat SEX)

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)–Con.	
	Firefighting and Fire Prevention Occupations (416-417):	
	Fire inspection and fire prevention occupations (416):	
	(Repeat SEX)	
	Firefighting occupations (417):	
	(Repeat SEX)	
	Police and Detectives (418-424):	
	Police and detectives, public service (418-422):	
	(Repeat SEX)	
	Sheriffs, bailiffs, and other law enforcement officers (423):	
	(Repeat SEX)	
	Correctional institution officers (424):	
	(Repeat SEX)	
	Guards (425-432):	
	Crossing guards (425):	
	(Repeat SEX)	
	Guards and police, except public service (426):	
	(Repeat SEX)	
	Protective service occupations, n.e.c. (427-432):	
	(Repeat SEX)	
	Service Occupations, Except Protective and Household (433-472):	
	Food Preparation and Service Occupations (433-444):	
	Supervisors, food preparation and service occupations (433):	
	(Repeat SEX)	
	Bartenders (434):	
	(Repeat SEX)	
	Waiters and waitresses (435):	
	(Repeat SEX)	
	Cooks (436-437):	
	(Repeat SEX)	
	Food counter, fountain and related occupations (438):	
	(Repeat SEX)	
	Kitchen workers, food preparation (439-442):	
	(Repeat SEX)	
	Waiters'/waitresses' assistants (443):	
	(Repeat SEX)	
	Miscellaneous food preparation occupations (444):	
	(Repeat SEX)	
	Health Service Occupations (445-447):	
	Dental assistants (445):	
	(Repeat SEX)	
	Health aides, except nursing (446):	
	(Repeat SEX)	
	Nursing aides, orderlies, and attendants (447):	
	(Repeat SEX)	
	Cleaning and Building Service Occupations, Except Household (448-455):	
	Supervisors, cleaning and building service workers (448):	
	(Repeat SEX)	
	Maids and housemen (449-452):	
	(Repeat SEX)	
	Janitors and cleaners (453):	
	(Repeat SEX)	
	Elevator operators (454):	
	(Repeat SEX)	
	Pest control occupations (455):	
	(Repeat SEX)	
	Personal Service Occupations (456-472):	
	Supervisors, personal service occupations (456):	
	(Repeat SEX)	
	Barbers (457):	
	(Repeat SEX)	
	Hairdressers and cosmetologists (458):	
	(Repeat SEX)	

- P1. DETAILED OCCUPATION(512) BY SEX(2)—Con.
- Attendants, amusement and recreation facilities (459-460):
(Repeat SEX)
 - Guides (461):
(Repeat SEX)
 - Ushers (462):
(Repeat SEX)
 - Public transportation attendants (463):
(Repeat SEX)
 - Baggage porters and bellhops (464):
(Repeat SEX)
 - Welfare service aides (465):
(Repeat SEX)
 - Family child care providers (466):
(Repeat SEX)
 - Early childhood teacher's assistants (467):
(Repeat SEX)
 - Child care workers, n.e.c. (468):
(Repeat SEX)
 - Personal service occupations, n.e.c. (469-472):
(Repeat SEX)
 - FARMING, FORESTRY, AND FISHING OCCUPATIONS (473-502):
 - Farm Operators and Managers (473-476):
 - Farmers, except horticultural (473):
(Repeat SEX)
 - Horticultural specialty farmers (474):
(Repeat SEX)
 - Managers, farms, except horticultural (475):
(Repeat SEX)
 - Managers, horticultural specialty farms (476):
(Repeat SEX) - Other Agricultural and Related Occupations (477-493):
 - Farm Occupations, Except Managerial (477-484):
 - Supervisors, farm workers (477-478):
(Repeat SEX)
 - Farm workers (479-482):
(Repeat SEX)
 - Marine life cultivation workers (483):
(Repeat SEX)
 - Nursery workers (484):
(Repeat SEX) - Related Agricultural Occupations (485-493):
 - Supervisors, related agricultural occupations (485):
(Repeat SEX)
 - Groundskeepers and gardeners, except farm (486):
(Repeat SEX)
 - Animal caretakers, except farm (487):
(Repeat SEX)
 - Graders and sorters, agricultural products (488):
(Repeat SEX)
 - Inspectors, agricultural products (489-493):
(Repeat SEX) - Forestry and Logging Occupations (494-496):
 - Supervisors, forestry and logging workers (494):
(Repeat SEX)
 - Forestry workers, except logging (495):
(Repeat SEX)
 - Timber cutting and logging occupations (496):
(Repeat SEX) - Fishers, Hunters, and Trappers (497-502):
 - Captains and other officers, fishing vessels (497):
(Repeat SEX)

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)–Con. Fishers (498): (Repeat SEX) Hunters and trappers (499-502): (Repeat SEX) PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS (503-702): Mechanics and Repairers (503-552): Supervisors, mechanics and repairers (503-504): (Repeat SEX) Mechanics and Repairers, Except Supervisors (505-552): Vehicle and Mobile Equipment Mechanics and Repairers (505-517): Automobile mechanics, except apprentices (505): (Repeat SEX) Automobile mechanic apprentices (506): (Repeat SEX) Bus, truck, and stationary engine mechanics (507): (Repeat SEX) Aircraft engine mechanics (508): (Repeat SEX) Small engine repairers (509-513): (Repeat SEX) Automobile body and related repairers (514): (Repeat SEX) Aircraft mechanics, except engine (515): (Repeat SEX) Heavy equipment mechanics (516): (Repeat SEX) Farm equipment mechanics (517): (Repeat SEX) Industrial machinery repairers (518): (Repeat SEX) Machinery maintenance occupations (519-522): (Repeat SEX) Electrical and Electronic Equipment Repairers (523-533): Electronic repairers, communications and industrial equipment (523-524): (Repeat SEX) Data processing equipment repairers (525): (Repeat SEX) Household appliance and power tool repairers (526): (Repeat SEX) Telephone line installers and repairers (527-528): (Repeat SEX) Telephone installers and repairers (529-532): (Repeat SEX) Miscellaneous electrical and electronic equipment repairers (533): (Repeat SEX) Heating, air conditioning, and refrigeration mechanics (534): (Repeat SEX) Miscellaneous Mechanics and Repairers (535-552): Camera, watch, and musical instrument repairers (535): (Repeat SEX) Locksmiths and safe repairers (536-537): (Repeat SEX) Office machine repairers (538): (Repeat SEX) Mechanical controls and valve repairers (539-542): (Repeat SEX) Elevator installers and repairers (543): (Repeat SEX) Millwrights (544-546): (Repeat SEX) Specified mechanics and repairers, n.e.c. (547-548): (Repeat SEX)	

- P1. DETAILED OCCUPATION(512) BY SEX(2)–Con.
Not specified mechanics and repairers (549-552):
(Repeat SEX)
Construction Trades (553-612):
Supervisors, Construction Occupations (553-562):
Supervisors, brickmasons, stonemasons, and tile setters (553):
(Repeat SEX)
Supervisors, carpenters and related workers (554):
(Repeat SEX)
Supervisors, electricians and power transmission installers (555):
(Repeat SEX)
Supervisors, painters, paperhangers, and plasterers (556):
(Repeat SEX)
Supervisors, plumbers, pipefitters, and steamfitters (557):
(Repeat SEX)
Supervisors, construction, n.e.c. (558-562):
(Repeat SEX)
Construction Trades, Except Supervisors (563-612):
Brickmasons and stonemasons, except apprentices (563):
(Repeat SEX)
Brickmason and stonemason apprentices (564):
(Repeat SEX)
Tile setters, hard and soft (565):
(Repeat SEX)
Carpet installers (566):
(Repeat SEX)
Carpenters, except apprentices (567-568):
(Repeat SEX)
Carpenter apprentices (569-572):
(Repeat SEX)
Drywall installers (573-574):
(Repeat SEX)
Electricians, except apprentices (575):
(Repeat SEX)
Electrician apprentices (576):
(Repeat SEX)
Electrical power installers and repairers (577-578):
(Repeat SEX)
Painters, construction and maintenance (579-582):
(Repeat SEX)
Paperhangers (583):
(Repeat SEX)
Plasterers (584):
(Repeat SEX)
Plumbers, pipefitters, and steamfitters, except apprentices (585-586):
(Repeat SEX)
Plumber, pipefitter, and steamfitter apprentices (587):
(Repeat SEX)
Concrete and terrazzo finishers (588):
(Repeat SEX)
Glaziers (589-592):
(Repeat SEX)
Insulation workers (593):
(Repeat SEX)
Paving, surfacing, and tamping equipment operators (594):
(Repeat SEX)
Roofers (595):
(Repeat SEX)
Sheetmetal duct installers (596):
(Repeat SEX)
Structural metal workers (597):
(Repeat SEX)

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)–Con. Drillers, earth (598): (Repeat SEX) Construction trades, n.e.c. (599-612): (Repeat SEX) Extractive Occupations (613-627): Supervisors, extractive occupations (613): (Repeat SEX) Drillers, oil well (614): (Repeat SEX) Explosives workers (615): (Repeat SEX) Mining machine operators (616): (Repeat SEX) Mining occupations, n.e.c. (617-627): (Repeat SEX) Precision Production Occupations (628-702): Supervisors, production occupations (628-633): (Repeat SEX) Precision Metal Working Occupations (634-655): Tool and die makers, except apprentices (634): (Repeat SEX) Tool and die maker apprentices (635): (Repeat SEX) Precision assemblers, metal (636): (Repeat SEX) Machinists, except apprentices (637-638): (Repeat SEX) Machinist apprentices (639-642): (Repeat SEX) Boilermakers (643): (Repeat SEX) Precision grinders, filers, and tool sharpeners (644): (Repeat SEX) Patternmakers and model makers, metal (645): (Repeat SEX) Lay-out workers (646): (Repeat SEX) Precious stones and metals workers (Jewelers) (647-648): (Repeat SEX) Engravers, metal (649-652): (Repeat SEX) Sheet metal workers, except apprentices (653): (Repeat SEX) Sheet metal worker apprentices (654): (Repeat SEX) Miscellaneous precision metal workers (655): (Repeat SEX) Precision Woodworking Occupations (656-665): Patternmakers and model makers, wood (656): (Repeat SEX) Cabinet makers and bench carpenters (657): (Repeat SEX) Furniture and wood finishers (658): (Repeat SEX) Miscellaneous precision woodworkers (659-665): (Repeat SEX) Precision Textile, Apparel, and Furnishings Machine Workers (666-674): Dressmakers (666): (Repeat SEX) Tailors (667): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)-Con. Upholsterers (668): (Repeat SEX) Shoe repairers (669-673): (Repeat SEX) Miscellaneous precision apparel and fabric workers (674): (Repeat SEX) Precision Workers, Assorted Materials (675-685): Hand molders and shapers, except jewelers (675): (Repeat SEX) Patternmakers, lay-out workers, and cutters (676): (Repeat SEX) Optical goods workers (677): (Repeat SEX) Dental laboratory and medical appliance technicians (678): (Repeat SEX) Bookbinders (679-682): (Repeat SEX) Electrical and electronic equipment assemblers (683): (Repeat SEX) Miscellaneous precision workers, n.e.c. (684-685): (Repeat SEX) Precision Food Production Occupations (686-688): Butchers and meat cutters (686): (Repeat SEX) Bakers (687): (Repeat SEX) Food batchmakers (688): (Repeat SEX) Precision Inspectors, Testers, and Related Workers (689-693): Inspectors, testers, and graders (689-692): (Repeat SEX) Adjusters and calibrators (693): (Repeat SEX) Plant and System Operators (694-702): Water and sewage treatment plant operators (694): (Repeat SEX) Power plant operators (695): (Repeat SEX) Stationary engineers (696-698): (Repeat SEX) Miscellaneous plant and system operators (699-702): (Repeat SEX) OPERATORS, FABRICATORS, AND LABORERS (703-902): Machine Operators, Assemblers, and Inspectors (703-802): Machine Operators and Tenders, Except Precision (703-782): Metal Working and Plastic Working Machine Operators (703-716): Lathe and turning machine set-up operators (703): (Repeat SEX) Lathe and turning machine operators (704): (Repeat SEX) Milling and planing machine operators (705): (Repeat SEX) Punching and stamping press machine operators (706): (Repeat SEX) Rolling machine operators (707): (Repeat SEX) Drilling and boring machine operators (708): (Repeat SEX) Grinding, abrading, buffing, and polishing machine operators (709-712): (Repeat SEX) Forging machine operators (713): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)-Con.	
	Numerical control machine operators (714): (Repeat SEX)	
	Miscellaneous metal, plastic, stone, and glass working machine operators (715-716): (Repeat SEX)	
	Fabricating machine operators, n.e.c. (717-718): (Repeat SEX)	
	Metal and Plastic Processing Machine Operators (719-725):	
	Molding and casting machine operators (719-722): (Repeat SEX)	
	Metal plating machine operators (723): (Repeat SEX)	
	Heat treating equipment operators (724): (Repeat SEX)	
	Miscellaneous metal and plastic processing machine operators (725): (Repeat SEX)	
	Woodworking Machine Operators (726-733)	
	Wood lathe, routing, and planing machine operators (726): (Repeat SEX)	
	Sawing machine operators (727): (Repeat SEX)	
	Shaping and joining machine operators (728): (Repeat SEX)	
	Nailing and tacking machine operators (729-732): (Repeat SEX)	
	Miscellaneous woodworking machine operators (733): (Repeat SEX)	
	Printing Machine Operators (734-737):	
	Printing press operators (734): (Repeat SEX)	
	Photoengravers and lithographers (735): (Repeat SEX)	
	Typesetters and compositors (736): (Repeat SEX)	
	Miscellaneous printing machine operators (737): (Repeat SEX)	
	Textile, Apparel, and Furnishings Machine Operators (738-752):	
	Winding and twisting machine operators (738): (Repeat SEX)	
	Knitting, looping, taping, and weaving machine operators (739-742): (Repeat SEX)	
	Textile cutting machine operators (743): (Repeat SEX)	
	Textile sewing machine operators (744): (Repeat SEX)	
	Shoe machine operators (745-746): (Repeat SEX)	
	Pressing machine operators (747): (Repeat SEX)	
	Laundering and dry cleaning machine operators (748): (Repeat SEX)	
	Miscellaneous textile machine operators (749-752): (Repeat SEX)	
	Machine Operators, Assorted Materials (753-782):	
	Cementing and gluing machine operators (753): (Repeat SEX)	
	Packaging and filling machine operators (754): (Repeat SEX)	
	Extruding and forming machine operators (755): (Repeat SEX)	
	Mixing and blending machine operators (756): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	DETAILED OCCUPATION(512) BY SEX(2)—Con.	
	Separating, filtering, and clarifying machine operators (757): (Repeat SEX)	
	Compressing and compacting machine operators (758): (Repeat SEX)	
	Painting and paint spraying machine operators (759-762): (Repeat SEX)	
	Roasting and baking machine operators, food (763): (Repeat SEX)	
	Washing, cleaning, and pickling machine operators (764): (Repeat SEX)	
	Folding machine operators (765): (Repeat SEX)	
	Furnace, kiln, and oven operators, except food (766-767): (Repeat SEX)	
	Crushing and grinding machine operators (768): (Repeat SEX)	
	Slicing and cutting machine operators (769-772): (Repeat SEX)	
	Motion picture projectionists (773): (Repeat SEX)	
	Photographic process machine operators (774-776): (Repeat SEX)	
	Miscellaneous machine operators, n. e. c. (777-778):	
	Manufacturing, nondurable goods (777-778) (Industry codes 100-229): (Repeat SEX)	
	Manufacturing, durable goods (777-778) (Industry codes 230-399): (Repeat SEX)	
	Nonmanufacturing industries (777-778) (Industry codes 010-099, 400-999): (Repeat SEX)	
	Machine operators, not specified (779-782):	
	Manufacturing, nondurable goods (779-782) (Industry codes 100-229): (Repeat SEX)	
	Manufacturing, durable goods (779-782) (Industry codes 230-399): (Repeat SEX)	
	Nonmanufacturing industries (779-782) (Industry codes 010-099, 400-999): (Repeat SEX)	
	Fabricators, Assemblers, and Hand Working Occupations (783-795):	
	Welders and cutters (783): (Repeat SEX)	
	Solderers and brazers (784): (Repeat SEX)	
	Assemblers (785): (Repeat SEX)	
	Hand cutting and trimming occupations (786): (Repeat SEX)	
	Hand molding, casting, and forming occupations (787-788): (Repeat SEX)	
	Hand painting, coating, and decorating occupations (789-792): (Repeat SEX)	
	Hand engraving and printing occupations (793-794): (Repeat SEX)	
	Miscellaneous hand working occupations (795): (Repeat SEX)	
	Production Inspectors, Testers, Samplers, and Weighers (796-802):	
	Production inspectors, checkers, and examiners (796): (Repeat SEX)	
	Production testers (797): (Repeat SEX)	
	Production samplers and weighers (798): (Repeat SEX)	
	Graders and sorters, except agricultural (799-802): (Repeat SEX)	

Table (matrix)	Title	Total number of data cells
P1.	<p>DETAILED OCCUPATION(512) BY SEX(2)—Con.</p> <p>Transportation and Material Moving Occupations (803-863):</p> <p>Motor Vehicle Operators (803-822):</p> <p>Supervisors, motor vehicle operators (803): (Repeat SEX)</p> <p>Truck drivers (804-805): (Repeat SEX)</p> <p>Driver-sales workers (806-807): (Repeat SEX)</p> <p>Bus drivers (808): (Repeat SEX)</p> <p>Taxicab drivers and chauffeurs (809-812): (Repeat SEX)</p> <p>Parking lot attendants (813): (Repeat SEX)</p> <p>Motor transportation occupations, n.e.c. (814-822): (Repeat SEX)</p> <p>Transportation Occupations, Except Motor Vehicles (823-842):</p> <p>Rail Transportation Occupations (823-827):</p> <p>Railroad conductors and yardmasters (823): (Repeat SEX)</p> <p>Locomotive operating occupations (824): (Repeat SEX)</p> <p>Railroad brake, signal, and switch operators (825): (Repeat SEX)</p> <p>Rail vehicle operators, n.e.c. (826-827): (Repeat SEX)</p> <p>Water Transportation Occupations (828-842):</p> <p>Ship captains and mates, except fishing boats (828): (Repeat SEX)</p> <p>Sailors and deckhands (829-832): (Repeat SEX)</p> <p>Marine engineers (833): (Repeat SEX)</p> <p>Bridge, lock, and lighthouse tenders (834-842): (Repeat SEX)</p> <p>Material Moving Equipment Operators (843-863):</p> <p>Supervisors, material moving equipment operators (843): (Repeat SEX)</p> <p>Operating engineers (844): (Repeat SEX)</p> <p>Longshore equipment operators (845-847): (Repeat SEX)</p> <p>Hoist and winch operators (848): (Repeat SEX)</p> <p>Crane and tower operators (849-852): (Repeat SEX)</p> <p>Excavating and loading machine operators (853-854): (Repeat SEX)</p> <p>Grader, dozer, and scraper operators (855): (Repeat SEX)</p> <p>Industrial truck and tractor equipment operators (856-858): (Repeat SEX)</p> <p>Miscellaneous material moving equipment operators (859-863): (Repeat SEX)</p> <p>Handlers, Equipment Cleaners, Helpers, and Laborers (864-902):</p> <p>Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (864): (Repeat SEX)</p> <p>Helpers, mechanics, and repairers (865): (Repeat SEX)</p> <p>Helpers, Construction, and Extractive Occupations (866-868):</p> <p>Helpers, construction trades (866): (Repeat SEX)</p>	

P1.	<p>DETAILED-OCCUPATION(512) BY SEX(2)-Con. Helpers, surveyor (867): (Repeat SEX) Helpers, extractive occupations (868): (Repeat SEX) Construction laborers (869-873): (Repeat SEX) Production helpers (874): (Repeat SEX) Freight, Stock, and Material Handlers (875-884): Garbage collectors (875): (Repeat SEX) Stevedores (876): (Repeat SEX) Stock handlers and baggers (877): (Repeat SEX) Machine feeders and offbearers (878-882): (Repeat SEX) Freight, stock, and material handlers, n.e.c. (883-884): (Repeat SEX) Garage and service station related occupations (885-886): (Repeat SEX) Vehicle washers and equipment cleaners (887): (Repeat SEX) Hand packers and packagers (888): (Repeat SEX) Laborers, except construction (889-902): Manufacturing, nondurable goods (889-902) (Industry codes 100-229): (Repeat SEX) Manufacturing, durable goods (889-902) (Industry codes 230-399): (Repeat SEX) Transportation, communications, and other public utilities (889-902) (Industry codes 400-499): (Repeat SEX) Wholesale and retail trade (889-902) (Industry codes 500-699): (Repeat SEX) All other industries (889-902) (Industry codes 010-099, 700-999): (Repeat SEX) EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION (000, 903-999): Unemployed, no recent civilian work experience (000, 903-999): (Repeat SEX)</p>	
P2.	<p>DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)..... 6144 <i>Universe: Civilian labor force</i> MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS (001-202): Executive, Administrative, and Managerial Occupations (001-042): Legislators (001-003): Male: Hispanic origin White, not of Hispanic origin Black, not of Hispanic origin American Indian, Eskimo, or Aleut, not of Hispanic origin Asian or Pacific Islander, not of Hispanic origin Other race, not of Hispanic origin Female: (Repeat HISPANIC ORIGIN AND RACE) Chief executives and general administrators, public administration (004): (Repeat SEX By HISPANIC ORIGIN AND RACE) Administrators and officials, public administration (005): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p>	

P2.- DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)-Con.

- Administrators, protective services (006):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Financial managers (007):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Personnel and labor relations managers (008):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Purchasing managers (009-012):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers, marketing, advertising, and public relations (013):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Administrators, education and related fields (014):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers, medicine and health (015):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Postmasters and mail superintendents (016):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers, food serving and lodging establishments (017):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers, properties and real estate (018):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Funeral directors (019-020):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers, service organizations, n.e.c. (021):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers and administrators, n. e. c. (022):
Managers and administrators, n.e.c., salaried (022) (Class of worker codes 1-5, 7, 9):¹
(Repeat SEX By HISPANIC ORIGIN AND RACE)
Managers and administrators, n.e.c., self-employed (022) (Class of worker codes 6, 8):¹
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Management Related Occupations (023-042):
Accountants and auditors (023):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Underwriters (024):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Other financial officers (025):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Management analysts (026):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Personnel, training, and labor relations specialists (027):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Purchasing agents and buyers, farm products (028):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Buyers, wholesale and retail trade, except farm products (029-032):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Purchasing agents and buyers, n.e.c. (033):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Business and promotion agents (034):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Construction inspectors (035):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Inspectors and compliance officers, except construction (036):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Management related occupations, n.e.c. (037-042):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Professional Specialty Occupations (043-202):
Engineers, Architects, and Surveyors (043-063):
Architects (043):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

¹See How to Use this File chapter for class of worker code definitions.

P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)-Con.

Engineers (044-062):

Aerospace (044):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Metallurgical and materials (045):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Mining (046):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Petroleum (047):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Chemical (048):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Nuclear (049-052):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Civil (053):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Agricultural (054):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Electrical and electronic (055):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Industrial (056):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Mechanical (057):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Marine and naval architects (058):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Engineers, n.e.c. (059-062):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Surveyors and mapping scientists (063):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Mathematical and Computer Scientists (064-068):

Computer systems analysts and scientists (064):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Operations and systems researchers and analysts (065):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Actuaries (066):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Statisticians (067):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Mathematical scientists, n.e.c. (068):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Natural Scientists (069-083):

Physicists and astronomers (069-072):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Chemists, except biochemists (073):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Atmospheric and space scientists (074):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Geologists and geodesists (075):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Physical scientists, n.e.c. (076):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Agricultural and food scientists (077):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Biological and life scientists (078):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Forestry and conservation scientists (079-082):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

Medical scientists (083):

(Repeat SEX By HISPANIC ORIGIN AND RACE)

P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.

- Health Diagnosing Occupations (084-094):
 - Physicians (084):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Dentists (085):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Veterinarians (086):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Optometrists (087):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Podiatrists (088):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Health diagnosing practitioners, n.e.c. (089-094):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Health Assessment and Treating Occupations (095-112):
 - Registered nurses (095):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Pharmacists (096):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Dietitians (097):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Therapists (098-105):
 - Respiratory therapists (098):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Occupational therapists (099-102):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Physical therapists (103):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Speech therapists (104):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Therapists, n.e.c. (105):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Physicians' assistants (106-112):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Teachers, Postsecondary (113-154):
 - Earth, environmental, and marine science teachers (113):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Biological science teachers (114):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Chemistry teachers (115):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Physics teachers (116):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Natural science teachers, n.e.c. (117):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Psychology teachers (118):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Economics teachers (119-122):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - History teachers (123):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Political science teachers (124):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sociology teachers (125):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Social science teachers, n.e.c. (126):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Engineering teachers (127):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mathematical science teachers (128):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.

- Computer science teachers (129-132):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Medical science teachers (133):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Health specialties teachers (134):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Business, commerce, and marketing teachers (135):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Agriculture and forestry teachers (136):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Art, drama, and music teachers (137):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Physical education teachers (138):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Education teachers (139-142):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- English teachers (143):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Foreign language teachers (144):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Law teachers (145):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Social work teachers (146):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Theology teachers (147):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Trade and industrial teachers (148):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Home economics teachers (149-152):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Teachers, postsecondary, n.e.c. (153):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Postsecondary teachers, subject not specified (154):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Teachers, Except Postsecondary (155-162):
 - Teachers, prekindergarten and kindergarten (155):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Teachers, elementary school (156):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Teachers, secondary school (157):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Teachers, special education (158):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Teachers, n.e.c. (159-162):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Counselors, Educational and Vocational (163):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Librarians, Archivists, and Curators (164-165):
 - Librarians (164):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Archivists and curators (165):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Social Scientists and Urban Planners (166-173):
 - Economists (166):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Psychologists (167):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sociologists (168):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Social scientists, n.e.c. (169-172):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

Table (matrix)	Title	Total number of data cells
P2.	DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)-Con.	
	Urban planners (173): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Social, Recreation, and Religious Workers (174-177):	
	Social workers (174): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Recreation workers (175): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Clergy (176): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Religious workers, n.e.c. (177): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Lawyers and Judges (178-182):	
	Lawyers (178): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Judges (179-182): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Writers, Artists, Entertainers, and Athletes (183-202):	
	Authors (183): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Technical writers (184): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Designers (185): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Musicians and composers (186): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Actors and directors (187): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Painters, sculptors, craft-artists, and artist printmakers (188): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Photographers (189-192): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Dancers (193): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Artists, performers, and related workers, n.e.c. (194): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Editors and reporters (195-196): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Public relations specialists (197): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Announcers (198): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Athletes (199-202): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS (203-402):	
	Technicians and Related Support Occupations (203-242):	
	Health Technologists and Technicians (203-212):	
	Clinical laboratory technologists and technicians (203): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Dental hygienists (204): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Health record technologists and technicians (205): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Radiologic technicians (206): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Licensed practical nurses (207): (Repeat SEX By HISPANIC ORIGIN AND RACE)	
	Health technologists and technicians, n.e.c. (208-212): (Repeat SEX By HISPANIC ORIGIN AND RACE)	

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.
- Technologists and Technicians, Except Health (213-242):
 - Engineering and Related Technologists and Technicians (213-222):
 - Electrical and electronic technicians (213):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Industrial engineering technicians (214):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mechanical engineering technicians (215):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Engineering technicians, n.e.c. (216):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Drafting occupations (217):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Surveying and mapping technicians (218-222):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Science Technicians (223-225):
 - Biological technicians (223):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Chemical technicians (224):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Science technicians, n.e.c. (225):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Technicians, Except Health, Engineering, and Science (226-242):
 - Airplane pilots and navigators (226):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Air traffic controllers (227):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Broadcast equipment operators (228):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Computer programmers (229-232):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Tool programmers, numerical control (233):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Legal assistants (234):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Technicians, n.e.c. (235-242):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales Occupations (243-302):
 - Supervisors and proprietors, sales occupations, salaried (243-252)
(Class of worker codes 1-5, 7, 9):¹
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Supervisors and proprietors, sales occupations, self employed (243-252)
(Class of worker codes 6, 8):¹
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales Representatives, Finance and Business Services (253-257):
 - Insurance sales occupations (253):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Real estate sales occupations (254):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Securities and financial services sales occupations (255):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Advertising and related sales occupations (256):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales occupations, other business services (257):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales Representatives, Commodities, Except Retail (258-262):
 - Sales engineers (258):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

¹See How to Use this File chapter for class of worker code definitions.

P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.

- Sales representatives, mining, manufacturing, and wholesale (259-262):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Sales Workers, Retail and Personal Services (263-282):
 - Sales workers, motor vehicles and boats (263):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales workers, apparel (264):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales workers, shoes (265):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales workers, furniture and home furnishings (266):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales workers, radio, TV, hi-fi, and appliances (267):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales workers, hardware and building supplies (268):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales workers, parts (269-273):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales workers, other commodities (274):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales counter clerks (275):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Cashiers (276):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Street and door-to-door sales workers (277):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - News vendors (278-282):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Sales Related Occupations (283-302):
 - Demonstrators, promoters and models, sales (283):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Auctioneers (284):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sales support occupations, n.e.c. (285-302):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Administrative Support Occupations, Including Clerical (303-402):
 - Supervisors, Administrative Support Occupations (303-307):
 - Supervisors, general office (303):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Supervisors, computer equipment operators (304):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Supervisors, financial records processing (305):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Chief communications operators (306):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Supervisors, distribution, scheduling, and adjusting clerks (307):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Computer Equipment Operators (308-312):
 - Computer operators (308):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Peripheral equipment operators (309-312):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Secretaries, Stenographers, and Typists (313-315):
 - Secretaries (313):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Stenographers (314):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Typists (315):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Information Clerks (316-324):
 - Interviewers (316):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.
- Hotel clerks (317):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Transportation ticket and reservation agents (318):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Receptionists (319-322):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Information clerks, n.e.c. (323-324):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Records Processing Occupations, Except Financial (325-336):
 - Classified-ad clerks (325):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Correspondence clerks (326):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Order clerks (327):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Personnel clerks, except payroll and timekeeping (328):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Library clerks (329-334):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - File clerks (335):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Records clerks (336):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Financial Records Processing Occupations (337-344):
 - Bookkeepers, accounting, and auditing clerks (337):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Payroll and timekeeping clerks (338):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Billing clerks (339-342):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Cost and rate clerks (343):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Billing, posting, and calculating machine operators (344):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Duplicating, Mail and Other Office Machine Operators (345-347):
 - Duplicating machine operators (345):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mail preparing and paper handling machine operators (346):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Office machine operators, n.e.c. (347):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Communications Equipment Operators (348-353):
 - Telephone operators (348-352):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Communications equipment operators, n.e.c. (353):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mail and Message Distributing Occupations (354-358):
 - Postal clerks, except mail carriers (354):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mail carriers, postal service (355):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mail clerks, except postal service (356):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Messengers (357-358):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Material Recording, Scheduling, and Distributing Clerks (359-374):
 - Dispatchers (359-362):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Production coordinators (363):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.
- Traffic, shipping, and receiving clerks (364):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Stock and inventory clerks (365):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Meter readers (366-367):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Weighers, measurers, checkers, and samplers (368-372):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Expeditors (373):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Material recording, scheduling, and distributing clerks, n.e.c. (374):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Adjusters and Investigators (375-378):
 - Insurance adjusters, examiners, and investigators (375):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Investigators and adjusters, except insurance (376):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Eligibility clerks, social welfare (377):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Bill and account collectors (378):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous Administrative Support Occupations (379-402):
 - General office clerks (379-382):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Bank tellers (383):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Proofreaders (384):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Data-entry keyers (385):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Statistical clerks (386):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Teachers' aides (387-388):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Administrative support occupations, n.e.c. (389-402):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - SERVICE OCCUPATIONS (403-472):
 - Private Household Occupations (403-412):
 - Launderers and ironers (403):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Cooks, private household (404):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Housekeepers and butlers (405):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Child care workers, private household (406):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Private household cleaners and servants (407-412):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Protective Service Occupations (413-432):
 - Supervisors, Protective Service Occupations (413-415):
 - Supervisors, firefighting and fire prevention occupations (413):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Supervisors, police and detectives (414):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Supervisors, guards (415):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Firefighting and Fire Prevention Occupations (416-417):
 - Fire inspection and fire prevention occupations (416):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Firefighting occupations (417):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.
- Police and Detectives (418-424):
 - Police and detectives, public service (418-422):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sheriffs, bailiffs, and other law enforcement officers (423):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Correctional institution officers (424):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Guards (425-432):
 - Crossing guards (425):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Guards and police, except public service (426):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Protective service occupations, n.e.c. (427-432):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Service Occupations, Except Protective and Household (433-472):
 - Food Preparation and Service Occupations (433-444):
 - Supervisors, food preparation and service occupations (433):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Bartenders (434):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Waiters and waitresses (435):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Cooks (436-437):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Food counter, fountain and related occupations (438):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Kitchen workers, food preparation (439-442):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Waiters' /waitresses' assistants (443):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous food preparation occupations (444):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Health Service Occupations (445-447):
 - Dental assistants (445):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Health aides, except nursing (446):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Nursing aides, orderlies, and attendants (447):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Cleaning and Building Service Occupations, Except Household (448-455):
 - Supervisors, cleaning and building service workers (448):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Maids and housemen (449-452):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Janitors and cleaners (453):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Elevator operators (454):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Pest control occupations (455):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Personal Service Occupations (456-472):
 - Supervisors, personal service occupations (456):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Barbers (457):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Hairdressers and cosmetologists (458):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Attendants, amusement and recreation facilities (459-460):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Guides (461):
 - (Repeat SEX By HISPANIC ORIGIN AND RACE)

P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)-Con.

- Ushers (462):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Public transportation attendants (463):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Baggage porters and bellhops (464):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Welfare service aides (465):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Family child care providers (466):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Early childhood teacher's assistants (467):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Child care workers, n.e.c. (468):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Personal service occupations, n.e.c. (469-472):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- FARMING, FORESTRY, AND FISHING OCCUPATIONS (473-502):
- Farm Operators and Managers (473-476):
- Farmers, except horticultural (473):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Horticultural specialty farmers (474):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers, farms, except horticultural (475):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Managers, horticultural specialty farms (476):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Other Agricultural and Related Occupations (477-493):
- Farm Occupations, Except Managerial (477-484):
- Supervisors, farm workers (477-478):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Farm workers (479-482):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Marine life cultivation workers (483):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Nursery workers (484):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Related Agricultural Occupations (485-493):
- Supervisors, related agricultural occupations (485):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Groundskeepers and gardeners, except farm (486):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Animal caretakers, except farm (487):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Graders and sorters, agricultural products (488):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Inspectors, agricultural products (489-493):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Forestry and Logging Occupations (494-496):
- Supervisors, forestry and logging workers (494):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Forestry workers, except logging (495):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Timber cutting and logging occupations (496):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Fishers, Hunters, and Trappers (497-502):
- Captains and other officers, fishing vessels (497):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Fishers (498):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Hunters and trappers (499-502):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS (503-702):
Mechanics and Repairers (503-552):
 Supervisors, mechanics and repairers (503-504):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Mechanics and Repairers, Except Supervisors (505-552):
 Vehicle and Mobile Equipment Mechanics and Repairers (505-517):
 Automobile mechanics, except apprentices (505):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Automobile mechanic apprentices (506):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Bus, truck, and stationary engine mechanics (507):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Aircraft engine mechanics (508):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Small engine repairers (509-513):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Automobile body and related repairers (514):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Aircraft mechanics, except engine (515):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Heavy equipment mechanics (516):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Farm equipment mechanics (517):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Industrial machinery repairers (518):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Machinery maintenance occupations (519-522):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Electrical and Electronic Equipment Repairers (523-533):
 Electronic repairers, communications and industrial equipment (523-524):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Data processing equipment repairers (525):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Household appliance and power tool repairers (526):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Telephone line installers and repairers (527-528):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Telephone installers and repairers (529-532):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Miscellaneous electrical and electronic equipment repairers (533):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Heating, air conditioning, and refrigeration mechanics (534):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Miscellaneous Mechanics and Repairers (535-552):
 Camera, watch, and musical instrument repairers (535):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Locksmiths and safe repairers (536-537):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Office machine repairers (538):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Mechanical controls and valve repairers (539-542):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Elevator installers and repairers (543):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Millwrights (544-546):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Specified mechanics and repairers, n.e.c. (547-548):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)
 Not specified mechanics and repairers (549-552):
 (Repeat SEX By HISPANIC ORIGIN AND RACE)

Table (matrix)	Title	Total number of data cells
P2.	<p>DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)–Con.</p> <p>Construction Trades (553-612):</p> <p>Supervisors, Construction Occupations (553-562):</p> <p>Supervisors, brickmasons, stonemasons, and tile setters (553): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Supervisors, carpenters and related workers (554): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Supervisors, electricians and power transmission installers (555): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Supervisors, painters, paperhangers, and plasterers (556): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Supervisors, plumbers, pipefitters, and steamfitters (557): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Supervisors, construction, n.e.c. (558-562): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Construction Trades, Except Supervisors (563-612):</p> <p>Brickmasons and stonemasons, except apprentices (563): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Brickmason and stonemason apprentices (564): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Tile setters, hard and soft (565): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Carpet installers (566): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Carpenters, except apprentices (567-568): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Carpenter apprentices (569-572): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Drywall installers (573-574): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Electricians, except apprentices (575): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Electrician apprentices (576): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Electrical power installers and repairers (577-578): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Painters, construction and maintenance (579-582): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Paperhangers (583): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Plasterers (584): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Plumbers, pipefitters, and steamfitters, except apprentices (585-586): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Plumber, pipefitter, and steamfitter apprentices (587): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Concrete and terrazzo finishers (588): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Glaziers (589-592): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Insulation workers (593): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Paving, surfacing, and tamping equipment operators (594): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Roofers (595): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Sheetmetal duct installers (596): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Structural metal workers (597): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p> <p>Drillers, earth (598): (Repeat SEX By HISPANIC ORIGIN AND RACE)</p>	

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.
- Construction trades, n.e.c. (599-612):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Extractive Occupations (613-627):
 - Supervisors, extractive occupations (613):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Drillers, oil well (614):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Explosives workers (615):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mining machine operators (616):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mining occupations, n.e.c. (617-627):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision Production Occupations (628-702):
 - Supervisors, production occupations (628-633):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision Metal Working Occupations (634-655):
 - Tool and die makers, except apprentices (634):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Tool and die maker apprentices (635):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision assemblers, metal (636):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Machinists, except apprentices (637-638):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Machinist apprentices (639-642):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Boilermakers (643):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision grinders, filers, and tool sharpeners (644):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Patternmakers and model makers, metal (645):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Lay-out workers (646):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precious stones and metals workers (Jewelers) (647-648):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Engravers, metal (649-652):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sheet metal workers, except apprentices (653):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sheet metal worker apprentices (654):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous precision metal workers (655):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision Woodworking Occupations (656-665):
 - Patternmakers and model makers, wood (656):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Cabinet makers and bench carpenters (657):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Furniture and wood finishers (658):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous precision woodworkers (659-665):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision Textile, Apparel, and Furnishings Machine Workers (666-674):
 - Dressmakers (666):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Tailors (667):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Upholsterers (668):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)--Con.
- Shoe repairers (669-673):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous precision apparel and fabric workers (674):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision Workers, Assorted Materials (675-685):
 - Hand molders and shapers, except jewelers (675):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Patternmakers, lay-out workers, and cutters (676):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Optical goods workers (677):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Dental laboratory and medical appliance technicians (678):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Bookbinders (679-682):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Electrical and electronic equipment assemblers (683):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous precision workers, n.e.c. (684-685):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision Food Production Occupations (686-688):
 - Butchers and meat cutters (686):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Bakers (687):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Food batchmakers (688):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Precision Inspectors, Testers, and Related Workers (689-693):
 - Inspectors, testers, and graders (689-692):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Adjusters and calibrators (693):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Plant and System Operators (694-702):
 - Water and sewage treatment plant operators (694):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Power plant operators (695):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Stationary engineers (696-698):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous plant and system operators (699-702):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - OPERATORS, FABRICATORS, AND LABORERS (703-902):
 - Machine Operators, Assemblers, and Inspectors (703-802):
 - Machine Operators and Tenders, except Precision (703-782):
 - Metal Working and Plastic Working Machine Operators (703-716):
 - Lathe and turning machine set-up operators (703):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Lathe and turning machine operators (704):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Milling and planing machine operators (705):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Punching and stamping press machine operators (706):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Rolling machine operators (707):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Drilling and boring machine operators (708):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Grinding, abrading, buffing, and polishing machine operators (709-712):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Forging machine operators (713):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

- P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)-Con.
- Numerical control machine operators (714):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous metal, plastic, stone, and glass working machine operators (715-716):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Fabricating machine operators, n.e.c. (717-718):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Metal and Plastic Processing Machine Operators (719-725):
 - Molding and casting machine operators (719-722):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Metal plating machine operators (723):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Heat treating equipment operators (724):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous metal and plastic processing machine operators (725):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Woodworking Machine Operators (726-733):
 - Wood lathe, routing, and planing machine operators (726):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Sawing machine operators (727):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Shaping and joining machine operators (728):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Nailing and tacking machine operators (729-732):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous woodworking machine operators (733):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Printing Machine Operators (734-737):
 - Printing press operators (734):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Photoengravers and lithographers (735):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Typesetters and compositors (736):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous printing machine operators (737):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Textile, Apparel, and Furnishings Machine Operators (738-752):
 - Winding and twisting machine operators (738):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Knitting, looping, taping, and weaving machine operators (739-742):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Textile cutting machine operators (743):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Textile sewing machine operators (744):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Shoe machine operators (745-746):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Pressing machine operators (747):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Laundering and dry cleaning machine operators (748):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous textile machine operators (749-752):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Machine Operators, Assorted Materials (753-782):
 - Cementing and gluing machine operators (753):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Packaging and filling machine operators (754):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Extruding and forming machine operators (755):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Mixing and blending machine operators (756):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con.

- Separating, filtering, and clarifying machine operators (757):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Compressing and compacting machine operators (758):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Painting and paint spraying machine operators (759-762):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Roasting and baking machine operators, food (763):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Washing, cleaning, and pickling machine operators (764):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Folding machine operators (765):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Furnace, kiln, and oven operators, except food (766-767):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Crushing and grinding machine operators (768):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Slicing and cutting machine operators (769-772):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Motion picture projectionists (773):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Photographic process machine operators (774-776):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Miscellaneous machine operators, n. e. c. (777-778):
 - Manufacturing, nondurable goods (777-778) (Industry codes 100-229):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Manufacturing, durable goods (777-778) (Industry codes 230-399):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Nonmanufacturing industries (777-778) (Industry codes 010-099, 400-999):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Machine Operators, not specified (779-782):
 - Manufacturing, nondurable goods (779-782) (Industry codes 100-229):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Manufacturing, durable goods (779-782) (Industry codes 230-399):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Nonmanufacturing industries (779-782) (Industry codes 010-099, 400-999):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Fabricators, Assemblers, and Hand Working Occupations (783-795):
 - Welders and cutters (783):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Solderers and brazers (784):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Assemblers (785):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Hand cutting and trimming occupations (786):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Hand molding, casting, and forming occupations (787-788):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Hand painting, coating, and decorating occupations (789-792):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Hand engraving and printing occupations (793-794):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Miscellaneous hand working occupations (795):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Production Inspectors, Testers, Samplers, and Weighers (796-802):
 - Production inspectors, checkers, and examiners (796):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Production testers (797):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Production samplers and weighers (798):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

Table (matrix)	Title	Total number of data cells
P2.	DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)—Con. Graders and sorters, except agricultural (799-802): (Repeat SEX By HISPANIC ORIGIN AND RACE) Transportation and Material Moving Occupations (803-863): Motor Vehicle Operators (803-822): Supervisors, motor vehicle operators (803): (Repeat SEX By HISPANIC ORIGIN AND RACE) Truck drivers (804-805): (Repeat SEX By HISPANIC ORIGIN AND RACE) Driver-sales workers (806-807): (Repeat SEX By HISPANIC ORIGIN AND RACE) Bus drivers (808): (Repeat SEX By HISPANIC ORIGIN AND RACE) Taxicab drivers and chauffeurs (809-812): (Repeat SEX By HISPANIC ORIGIN AND RACE) Parking lot attendants (813): (Repeat SEX By HISPANIC ORIGIN AND RACE) Motor transportation occupations, n.e.c. (814-822): (Repeat SEX By HISPANIC ORIGIN AND RACE) Transportation Occupations, Except Motor Vehicles (823-842): Rail Transportation Occupations (823-827): Railroad conductors and yardmasters (823): (Repeat SEX By HISPANIC ORIGIN AND RACE) Locomotive operating occupations (824): (Repeat SEX By HISPANIC ORIGIN AND RACE) Railroad brake, signal, and switch operators (825): (Repeat SEX By HISPANIC ORIGIN AND RACE) Rail vehicle operators, n.e.c. (826-827): (Repeat SEX By HISPANIC ORIGIN AND RACE) Water Transportation Occupations (828-842): Ship captains and mates, except fishing boats (828): (Repeat SEX By HISPANIC ORIGIN AND RACE) Sailors and deckhands (829-832): (Repeat SEX By HISPANIC ORIGIN AND RACE) Marine engineers (833): (Repeat SEX By HISPANIC ORIGIN AND RACE) Bridge, lock, and lighthouse tenders (834-842): (Repeat SEX By HISPANIC ORIGIN AND RACE) Material Moving Equipment Operators (843-863): Supervisors, material moving equipment operators (843): (Repeat SEX By HISPANIC ORIGIN AND RACE) Operating engineers (844): (Repeat SEX By HISPANIC ORIGIN AND RACE) Longshore equipment operators (845-847): (Repeat SEX By HISPANIC ORIGIN AND RACE) Hoist and winch operators (848): (Repeat SEX By HISPANIC ORIGIN AND RACE) Crane and tower operators (849-852): (Repeat SEX By HISPANIC ORIGIN AND RACE) Excavating and loading machine operators (853-854): (Repeat SEX By HISPANIC ORIGIN AND RACE) Grader, dozer, and scraper operators (855): (Repeat SEX By HISPANIC ORIGIN AND RACE) Industrial truck and tractor equipment operators (856-858): (Repeat SEX By HISPANIC ORIGIN AND RACE) Miscellaneous material moving equipment operators (859-863): (Repeat SEX By HISPANIC ORIGIN AND RACE) Handlers, Equipment Cleaners, Helpers, and Laborers (864-902): Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (864): (Repeat SEX By HISPANIC ORIGIN AND RACE) Helpers, mechanics, and repairers (865): (Repeat SEX By HISPANIC ORIGIN AND RACE)	

P2. DETAILED OCCUPATION(512) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)-Con.

- Helpers, Construction, and Extractive Occupations (866-868):
 - Helpers, construction trades (866):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Helpers, surveyor (867):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Helpers, extractive occupations (868):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Construction laborers (869-873):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Production helpers (874):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Freight, Stock, and Material Handlers (874-884):
 - Garbage collectors (875):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Stevedores (876):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Stock handlers and baggers (877):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Machine feeders and offbearers (878-882):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Freight, stock, and material handlers, n.e.c. (883-884):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Garage and service station related occupations (885-886):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Vehicle washers and equipment cleaners (887):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Hand packers and packagers (888):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- Laborers, except construction (889-902):
 - Manufacturing, nondurable goods (889-902) (Industry codes 100-229):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Manufacturing, durable goods (889-902) (Industry codes 230-399):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Transportation, communications, and other public utilities (889-902) (Industry codes 400-499):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - Wholesale and retail trade (889-902) (Industry codes 500-699):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
 - All other industries (889-902) (Industry codes 700-999):
(Repeat SEX By HISPANIC ORIGIN AND RACE)
- EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION (000, 903-999):
 - Unemployed, no recent civilian work experience (000, 903-999):
(Repeat SEX By HISPANIC ORIGIN AND RACE)

P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)..... 5120

- Universe: Civilian labor force*
- MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS (001-202):
- Executive, Administrative, and Managerial Occupations (001-042):
 - Legislators (001-003):
 - Male
 - White
 - Black
 - American Indian, Eskimo, or Aleut
 - Asian or Pacific Islander
 - Other race
 - Female
(Repeat RACE)
 - Chief executives and general administrators, public administration (004):
(Repeat SEX By RACE)

Table (matrix)	Title	Total number of data cells
P3.	DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)–Con. Administrators and officials, public administration (005): (Repeat SEX By RACE) Administrators, protective services (006): (Repeat SEX By RACE) Financial managers (007): (Repeat SEX By RACE) Personnel and labor relations managers (008): (Repeat SEX By RACE) Purchasing managers (009-012): (Repeat SEX By RACE) Managers, marketing, advertising, and public relations (013): (Repeat SEX By RACE) Administrators, education and related fields (014): (Repeat SEX By RACE) Managers, medicine and health (015): (Repeat SEX By RACE) Postmasters and mail superintendents (016): (Repeat SEX By RACE) Managers, food serving and lodging establishments (017): (Repeat SEX By RACE) Managers, properties and real estate (018): (Repeat SEX By RACE) Funeral directors (019-020): (Repeat SEX By RACE) Managers, service organizations, n.e.c. (021): (Repeat SEX By RACE) Managers and administrators, n.e.c. (022): Managers and administrators, n.e.c., salaried (022) (Class of worker codes 1-5, 7, 9): ¹ (Repeat SEX By RACE) Managers and administrators, n.e.c., self-employed (022) (Class of worker codes 6, 8): ¹ (Repeat SEX By RACE) Management Related Occupations (023-042): Accountants and auditors (023): (Repeat SEX By RACE) Underwriters (024): (Repeat SEX By RACE) Other financial officers (025): (Repeat SEX By RACE) Management analysts (026): (Repeat SEX By RACE) Personnel, training, and labor relations specialists (027): (Repeat SEX By RACE) Purchasing agents and buyers, farm products (028): (Repeat SEX By RACE) Buyers, wholesale and retail trade, except farm products (029-032): (Repeat SEX By RACE) Purchasing agents and buyers, n.e.c. (033): (Repeat SEX By RACE) Business and promotion agents (034): (Repeat SEX By RACE) Construction inspectors (035): (Repeat SEX By RACE) Inspectors and compliance officers, except construction (036): (Repeat SEX By RACE) Management related occupations, n.e.c. (037-042): (Repeat SEX By RACE) Professional Specialty Occupations (043-202): Engineers, Architects, and Surveyors (043-063):	

¹See How to Use this File chapter for class of worker code definitions.

Table (matrix)	Title	Total number of data cells
P3.	DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)—Con. Architects (043): (Repeat SEX By RACE) Engineers (044-062): Aerospace (044): (Repeat SEX By RACE) Metallurgical and materials (045): (Repeat SEX By RACE) Mining (046): (Repeat SEX By RACE) Petroleum (047): (Repeat SEX By RACE) Chemical (048): (Repeat SEX By RACE) Nuclear (049-052): (Repeat SEX By RACE) Civil (053): (Repeat SEX By RACE) Agricultural (054): (Repeat SEX By RACE) Electrical and electronic (055): (Repeat SEX By RACE) Industrial (056): (Repeat SEX By RACE) Mechanical (057): (Repeat SEX By RACE) Marine and naval architects (058): (Repeat SEX By RACE) Engineers, n.e.c. (059-062): (Repeat SEX By RACE) Surveyors and mapping scientists (063): (Repeat SEX By RACE) Mathematical and Computer Scientists (064-068): Computer systems analysts and scientists (064): (Repeat SEX By RACE) Operations and systems researchers and analysts (065): (Repeat SEX By RACE) Actuaries (066): (Repeat SEX By RACE) Statisticians (067): (Repeat SEX By RACE) Mathematical scientists, n.e.c. (068): (Repeat SEX By RACE) Natural Scientists (069-083): Physicists and astronomers (069-072): (Repeat SEX By RACE) Chemists, except biochemists (073): (Repeat SEX By RACE) Atmospheric and space scientists (074): (Repeat SEX By RACE) Geologists and geodesists (075): (Repeat SEX By RACE) Physical scientists, n.e.c. (076): (Repeat SEX By RACE) Agricultural and food scientists (077): (Repeat SEX By RACE) Biological and life scientists (078): (Repeat SEX By RACE) Forestry and conservation scientists (079-082): (Repeat SEX By RACE) Medical scientists (083): (Repeat SEX By RACE)	

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)–Con.
- Health Diagnosing Occupations (084-094):
 - Physicians (084):
(Repeat SEX By RACE)
 - Dentists (085):
(Repeat SEX By RACE)
 - Veterinarians (086):
(Repeat SEX By RACE)
 - Optometrists (087):
(Repeat SEX By RACE)
 - Podiatrists (088):
(Repeat SEX By RACE)
 - Health diagnosing practitioners, n.e.c. (089-094):
(Repeat SEX By RACE)
 - Health Assessment and Treating Occupations (095-112):
 - Registered nurses (095):
(Repeat SEX By RACE)
 - Pharmacists (096):
(Repeat SEX By RACE)
 - Dietitians (097):
(Repeat SEX By RACE)
 - Therapists (098-105):
 - Respiratory therapists (098):
(Repeat SEX By RACE)
 - Occupational therapists (099-102):
(Repeat SEX By RACE)
 - Physical therapists (103):
(Repeat SEX By RACE)
 - Speech therapists (104):
(Repeat SEX By RACE)
 - Therapists, n.e.c. (105):
(Repeat SEX By RACE)
 - Physicians' assistants (106-112):
(Repeat SEX By RACE)
 - Teachers, Postsecondary (113-154):
 - Earth, environmental, and marine science teachers (113):
(Repeat SEX By RACE)
 - Biological science teachers (114):
(Repeat SEX By RACE)
 - Chemistry teachers (115):
(Repeat SEX By RACE)
 - Physics teachers (116):
(Repeat SEX By RACE)
 - Natural science teachers, n.e.c. (117):
(Repeat SEX By RACE)
 - Psychology teachers (118):
(Repeat SEX By RACE)
 - Economics teachers (119-122):
(Repeat SEX By RACE)
 - History teachers (123):
(Repeat SEX By RACE)
 - Political science teachers (124):
(Repeat SEX By RACE)
 - Sociology teachers (125):
(Repeat SEX By RACE)
 - Social science teachers, n.e.c. (126):
(Repeat SEX By RACE)
 - Engineering teachers (127):
(Repeat SEX By RACE)
 - Mathematical science teachers (128):
(Repeat SEX By RACE)
 - Computer science teachers (129-132):
(Repeat SEX By RACE)

Table (matrix)	Title	Total number of data cells
P3.	DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)—Con. Medical science teachers (133): (Repeat SEX By RACE) Health specialties teachers (134): (Repeat SEX By RACE) Business, commerce, and marketing teachers (135): (Repeat SEX By RACE) Agriculture and forestry teachers (136): (Repeat SEX By RACE) Art, drama, and music teachers (137): (Repeat SEX By RACE) Physical education teachers (138): (Repeat SEX By RACE) Education teachers (139-142): (Repeat SEX By RACE) English teachers (143): (Repeat SEX By RACE) Foreign language teachers (144): (Repeat SEX By RACE) Law teachers (145): (Repeat SEX By RACE) Social work teachers (146): (Repeat SEX By RACE) Theology teachers (147): (Repeat SEX By RACE) Trade and industrial teachers (148): (Repeat SEX By RACE) Home economics teachers (149-152): (Repeat SEX By RACE) Teachers, postsecondary, n.e.c. (153): (Repeat SEX By RACE) Postsecondary teachers, subject not specified (154): (Repeat SEX By RACE) Teachers, Except Postsecondary (155-162): Teachers, prekindergarten and kindergarten (155): (Repeat SEX By RACE) Teachers, elementary school (156): (Repeat SEX By RACE) Teachers, secondary school (157): (Repeat SEX By RACE) Teachers, special education (158): (Repeat SEX By RACE) Teachers, n.e.c. (159-162): (Repeat SEX By RACE) Counselors, Educational and Vocational (163): (Repeat SEX By RACE) Librarians, Archivists, and Curators (164-165): Librarians (164): (Repeat SEX By RACE) Archivists and curators (165): (Repeat SEX By RACE) Social Scientists and Urban Planners (166-173): Economists (166): (Repeat SEX By RACE) Psychologists (167): (Repeat SEX By RACE) Sociologists (168): (Repeat SEX By RACE) Social scientists, n.e.c. (169-172): (Repeat SEX By RACE) Urban planners (173): (Repeat SEX By RACE)	

Table (matrix)	Title	Total number of data cells
P3.	<p>DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con.</p> <p>Social, Recreation, and Religious Workers (174-177):</p> <p>Social workers (174): (Repeat SEX By RACE)</p> <p>Recreation workers (175): (Repeat SEX By RACE)</p> <p>Clergy (176): (Repeat SEX By RACE)</p> <p>Religious workers, n.e.c. (177): (Repeat SEX By RACE)</p> <p>Lawyers and Judges (178-182):</p> <p>Lawyers (178): (Repeat SEX By RACE)</p> <p>Judges (179-182): (Repeat SEX By RACE)</p> <p>Writers, Artists, Entertainers, and Athletes (183-202):</p> <p>Authors (183): (Repeat SEX By RACE)</p> <p>Technical writers (184): (Repeat SEX By RACE)</p> <p>Designers (185): (Repeat SEX By RACE)</p> <p>Musicians and composers (186): (Repeat SEX By RACE)</p> <p>Actors and directors (187): (Repeat SEX By RACE)</p> <p>Painters, sculptors, craft artists, and artist printmakers (188): (Repeat SEX By RACE)</p> <p>Photographers (189-192): (Repeat SEX By RACE)</p> <p>Dancers (193): (Repeat SEX By RACE)</p> <p>Artists, performers, and related workers, n.e.c. (194): (Repeat SEX By RACE)</p> <p>Editors and reporters (195-196): (Repeat SEX By RACE)</p> <p>Public relations specialists (197): (Repeat SEX By RACE)</p> <p>Announcers (198): (Repeat SEX By RACE)</p> <p>Athletes (199-202): (Repeat SEX By RACE)</p> <p>TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS (203-402):</p> <p>Technicians and Related Support Occupations (203-242):</p> <p>Health Technologists and Technicians (203-212):</p> <p>Clinical laboratory technologists and technicians (203): (Repeat SEX By RACE)</p> <p>Dental hygienists (204): (Repeat SEX By RACE)</p> <p>Health record technologists and technicians (205): (Repeat SEX By RACE)</p> <p>Radiologic technicians (206): (Repeat SEX By RACE)</p> <p>Licensed practical nurses (207): (Repeat SEX By RACE)</p> <p>Health technologists and technicians, n.e.c. (208-212): (Repeat SEX By RACE)</p> <p>Technologists and Technicians, Except Health (213-242):</p> <p>Engineering and Related Technologists and Technicians (213-222):</p> <p>Electrical and electronic technicians (213): (Repeat SEX By RACE)</p> <p>Industrial engineering technicians (214): (Repeat SEX By RACE)</p>	

Table (matrix)	Title	Total number of data cells
P3.	<p>DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)—Con.</p> <p>Mechanical engineering technicians (215): (Repeat SEX By RACE)</p> <p>Engineering technicians, n.e.c. (216): (Repeat SEX By RACE)</p> <p>Drafting occupations (217): (Repeat SEX By RACE)</p> <p>Surveying and mapping technicians (218-222): (Repeat SEX By RACE)</p> <p>Science Technicians (223-225):</p> <p>Biological technicians (223): (Repeat SEX By RACE)</p> <p>Chemical technicians (224): (Repeat SEX By RACE)</p> <p>Science technicians, n.e.c. (225): (Repeat SEX By RACE)</p> <p>Technicians, Except Health, Engineering, and Science (226-242):</p> <p>Airplane pilots and navigators (226): (Repeat SEX By RACE)</p> <p>Air traffic controllers (227): (Repeat SEX By RACE)</p> <p>Broadcast equipment operators (228): (Repeat SEX By RACE)</p> <p>Computer programmers (229-232): (Repeat SEX By RACE)</p> <p>Tool programmers, numerical control (233): (Repeat SEX By RACE)</p> <p>Legal assistants (234): (Repeat SEX By RACE)</p> <p>Technicians, n.e.c. (235-242): (Repeat SEX By RACE)</p> <p>Sales Occupations (243-302):</p> <p>Supervisors and proprietors, sales occupations, salaried (243-252) (Class of worker codes 1-5, 7, 9):¹ (Repeat SEX By RACE)</p> <p>Supervisors and proprietors, sales occupations, self employed (243-252) (Class of worker codes 6, 8):¹ (Repeat SEX By RACE)</p> <p>Sales Representatives, Finance and Business Services (253-257):</p> <p>Insurance sales occupations (253): (Repeat SEX By RACE)</p> <p>Real estate sales occupations (254): (Repeat SEX By RACE)</p> <p>Securities and financial services sales occupations (255): (Repeat SEX By RACE)</p> <p>Advertising and related sales occupations (256): (Repeat SEX By RACE)</p> <p>Sales occupations, other business services (257): (Repeat SEX By RACE)</p> <p>Sales Representatives, Commodities, Except Retail (258-262):</p> <p>Sales engineers (258): (Repeat SEX By RACE)</p> <p>Sales representatives, mining, manufacturing, and wholesale (259-262): (Repeat SEX By RACE)</p> <p>Sales Workers, Retail and Personal Services (263-282):</p> <p>Sales workers, motor vehicles and boats (263): (Repeat SEX By RACE)</p> <p>Sales workers, apparel (264): (Repeat SEX By RACE)</p> <p>Sales workers, shoes (265): (Repeat SEX By RACE)</p>	

¹See How to Use this File chapter for class of worker code definitions.

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con.
- Sales workers, furniture and home furnishings (266):
(Repeat SEX By RACE)
 - Sales workers, radio, TV, hi-fi, and appliances (267):
(Repeat SEX By RACE)
 - Sales workers, hardware and building supplies (268):
(Repeat SEX By RACE)
 - Sales workers, parts (269-273):
(Repeat SEX By RACE)
 - Sales workers, other commodities (274):
(Repeat SEX By RACE)
 - Sales counter clerks (275):
(Repeat SEX By RACE)
 - Cashiers (276):
(Repeat SEX By RACE)
 - Street and door-to-door sales workers (277):
(Repeat SEX By RACE)
 - News vendors (278-282):
(Repeat SEX By RACE)
 - Sales Related Occupations (283-302):
 - Demonstrators, promoters and models, sales (283):
(Repeat SEX By RACE)
 - Auctioneers (284):
(Repeat SEX By RACE)
 - Sales support occupations, n.e.c. (285-302):
(Repeat SEX By RACE)
 - Administrative Support Occupations, Including Clerical (303-402):
 - Supervisors, Administrative Support Occupations (303-307):
 - Supervisors, general office (303):
(Repeat SEX By RACE)
 - Supervisors, computer equipment operators (304):
(Repeat SEX By RACE)
 - Supervisors, financial records processing (305):
(Repeat SEX By RACE)
 - Chief communications operators (306):
(Repeat SEX By RACE)
 - Supervisors, distribution, scheduling, and adjusting clerks (307):
(Repeat SEX By RACE)
 - Computer Equipment Operators (308-312):
 - Computer operators (308):
(Repeat SEX By RACE)
 - Peripheral equipment operators (309-312):
(Repeat SEX By RACE)
 - Secretaries, Stenographers, and Typists (313-315):
 - Secretaries (313):
(Repeat SEX By RACE)
 - Stenographers (314):
(Repeat SEX By RACE)
 - Typists (315):
(Repeat SEX By RACE)
 - Information Clerks (316-324):
 - Interviewers (316):
(Repeat SEX By RACE)
 - Hotel clerks (317):
(Repeat SEX By RACE)
 - Transportation ticket and reservation agents (318):
(Repeat SEX By RACE)
 - Receptionists (319-322):
(Repeat SEX By RACE)
 - Information clerks, n.e.c. (323-324):
(Repeat SEX By RACE)

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con.
- Records Processing Occupations, Except Financial (325-336):
 - Classified-ad clerks (325):
(Repeat SEX By RACE)
 - Correspondence clerks (326):
(Repeat SEX By RACE)
 - Order clerks (327):
(Repeat SEX By RACE)
 - Personnel clerks, except payroll and timekeeping (328):
(Repeat SEX By RACE)
 - Library clerks (329-334):
(Repeat SEX By RACE)
 - File clerks (335):
(Repeat SEX By RACE)
 - Records clerks (336):
(Repeat SEX By RACE)
 - Financial Records Processing Occupations (337-344):
 - Bookkeepers, accounting, and auditing clerks (337):
(Repeat SEX By RACE)
 - Payroll and timekeeping clerks (338):
(Repeat SEX By RACE)
 - Billing clerks (339-342):
(Repeat SEX By RACE)
 - Cost and rate clerks (343):
(Repeat SEX By RACE)
 - Billing, posting, and calculating machine operators (344):
(Repeat SEX By RACE)
 - Duplicating, Mail and Other Office Machine Operators (345-347):
 - Duplicating machine operators (345):
(Repeat SEX By RACE)
 - Mail preparing and paper handling machine operators (346):
(Repeat SEX By RACE)
 - Office machine operators, n.e.c. (347):
(Repeat SEX By RACE)
 - Communications Equipment Operators (348-353):
 - Telephone operators (348-352):
(Repeat SEX By RACE)
 - Communications equipment operators, n.e.c. (353):
(Repeat SEX By RACE)
 - Mail and Message Distributing Occupations (354-358):
 - Postal clerks, except mail carriers (354):
(Repeat SEX By RACE)
 - Mail carriers, postal service (355):
(Repeat SEX By RACE)
 - Mail clerks, except postal service (356):
(Repeat SEX By RACE)
 - Messengers (357-358):
(Repeat SEX By RACE)
 - Material Recording, Scheduling, and Distributing Clerks (359-374):
 - Dispatchers (359-362):
(Repeat SEX By RACE)
 - Production coordinators (363):
(Repeat SEX By RACE)
 - Traffic, shipping, and receiving clerks (364):
(Repeat SEX By RACE)
 - Stock and inventory clerks (365):
(Repeat SEX By RACE)
 - Meter readers (366-367):
(Repeat SEX By RACE)
 - Weighers, measurers, checkers, and samplers (368-372):
(Repeat SEX By RACE)
 - Expeditors (373):
(Repeat SEX By RACE)

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)—Con.
- Material recording, scheduling, and distributing clerks, n.e.c. (374):
(Repeat SEX By RACE)
 - Adjusters and Investigators (375-378):
 - Insurance adjusters, examiners, and investigators (375):
(Repeat SEX By RACE)
 - Investigators and adjusters, except insurance (376):
(Repeat SEX By RACE)
 - Eligibility clerks, social welfare (377):
(Repeat SEX By RACE)
 - Bill and account collectors (378):
(Repeat SEX By RACE)
 - Miscellaneous Administrative Support Occupations (379-402):
 - General office clerks (379-382):
(Repeat SEX By RACE)
 - Bank tellers (383):
(Repeat SEX By RACE)
 - Proofreaders (384):
(Repeat SEX By RACE)
 - Data-entry keyers (385):
(Repeat SEX By RACE)
 - Statistical clerks (386):
(Repeat SEX By RACE)
 - Teachers' aides (387-388):
(Repeat SEX By RACE)
 - Administrative support occupations, n.e.c. (389-402):
(Repeat SEX By RACE)
 - SERVICE OCCUPATIONS (403-473):
 - Private Household Occupations (403-412):
 - Launderers and ironers (403):
(Repeat SEX By RACE)
 - Cooks, private household (404):
(Repeat SEX By RACE)
 - Housekeepers and butlers (405):
(Repeat SEX By RACE)
 - Child care workers, private household (406):
(Repeat SEX By RACE)
 - Private household cleaners and servants (407-412):
(Repeat SEX By RACE)
 - Protective Service Occupations (413-432):
 - Supervisors, Protective Service Occupations (413-415):
 - Supervisors, firefighting and fire prevention occupations (413):
(Repeat SEX By RACE)
 - Supervisors, police and detectives (414):
(Repeat SEX By RACE)
 - Supervisors, guards (415):
(Repeat SEX By RACE)
 - Firefighting and Fire Prevention Occupations (416-417):
 - Fire inspection and fire prevention occupations (416):
(Repeat SEX By RACE)
 - Firefighting occupations (417):
(Repeat SEX By RACE)
 - Police and Detectives (418-424):
 - Police and detectives, public service (418-422):
(Repeat SEX By RACE)
 - Sheriffs, bailiffs, and other law enforcement officers (423):
(Repeat SEX By RACE)
 - Correctional institution officers (424):
(Repeat SEX By RACE)

Table (matrix)	Title	Total number of data cells
P3.	DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con. Guards (425-432): Crossing guards (425): (Repeat SEX By RACE) Guards and police, except public service (426): (Repeat SEX By RACE) Protective service occupations, n.e.c. (427-432): (Repeat SEX By RACE) Service Occupations, Except Protective and Household (433-472): Food Preparation and Service Occupations (433-444): Supervisors, food preparation and service occupations (433): (Repeat SEX By RACE) Bartenders (434): (Repeat SEX By RACE) Waiters and waitresses (435): (Repeat SEX By RACE) Cooks (436-437): (Repeat SEX By RACE) Food counter, fountain and related occupations (438): (Repeat SEX By RACE) Kitchen workers, food preparation (439-442): (Repeat SEX By RACE) Waiters'/waitresses' assistants (443): (Repeat SEX By RACE) Miscellaneous food preparation occupations (444): (Repeat SEX By RACE) Health Service Occupations (445-447): Dental assistants (445): (Repeat SEX By RACE) Health aides, except nursing (446): (Repeat SEX By RACE) Nursing aides, orderlies, and attendants (447): (Repeat SEX By RACE) Cleaning and Building Service Occupations, Except Household (448-455): Supervisors, cleaning and building service workers (448): (Repeat SEX By RACE) Maids and housemen (449-452): (Repeat SEX By RACE) Janitors and cleaners (453): (Repeat SEX By RACE) Elevator operators (454): (Repeat SEX By RACE) Pest control occupations (455): (Repeat SEX By RACE) Personal Service Occupations (456-472): Supervisors, personal service occupations (456): (Repeat SEX By RACE) Barbers (457): (Repeat SEX By RACE) Hairdressers and cosmetologists (458): (Repeat SEX By RACE) Attendants, amusement and recreation facilities (459-460): (Repeat SEX By RACE) Guides (461): (Repeat SEX By RACE) Ushers (462): (Repeat SEX By RACE) Public transportation attendants (463): (Repeat SEX By RACE) Baggage porters and bellhops (464): (Repeat SEX By RACE) Welfare service aides (465): (Repeat SEX By RACE)	

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)—Con.
- Family child care providers (466):
(Repeat SEX By RACE)
 - Early childhood teacher's assistants (467):
(Repeat SEX By RACE)
 - Child care workers, n.e.c. (468):
(Repeat SEX By RACE)
 - Personal service occupations, n.e.c. (469-472):
(Repeat SEX By RACE)
- FARMING, FORESTRY, AND FISHING OCCUPATIONS (473-502):
- Farm Operators and Managers (473-476):
 - Farmers, except horticultural (473):
(Repeat SEX By RACE)
 - Horticultural specialty farmers (474):
(Repeat SEX By RACE)
 - Managers, farms, except horticultural (475):
(Repeat SEX By RACE)
 - Managers, horticultural specialty farms (476):
(Repeat SEX By RACE)
 - Other Agricultural and Related Occupations (477-493):
 - Farm Occupations, Except Managerial (477-484):
 - Supervisors, farm workers (477-478):
(Repeat SEX By RACE)
 - Farm workers (479-482):
(Repeat SEX By RACE)
 - Marine life cultivation workers (483):
(Repeat SEX By RACE)
 - Nursery workers (484):
(Repeat SEX By RACE)
 - Related Agricultural Occupations (485-493):
 - Supervisors, related agricultural occupations (485):
(Repeat SEX By RACE)
 - Groundskeepers and gardeners, except farm (486):
(Repeat SEX By RACE)
 - Animal caretakers, except farm (487):
(Repeat SEX By RACE)
 - Graders and sorters, agricultural products (488):
(Repeat SEX By RACE)
 - Inspectors, agricultural products (489-493):
(Repeat SEX By RACE)
 - Forestry and Logging Occupations (494-496):
 - Supervisors, forestry and logging workers (494):
(Repeat SEX By RACE)
 - Forestry workers, except logging (495):
(Repeat SEX By RACE)
 - Timber cutting and logging occupations (496):
(Repeat SEX By RACE)
 - Fishers, Hunters, and Trappers (497-502):
 - Captains and other officers, fishing vessels (497):
(Repeat SEX By RACE)
 - Fishers (498):
(Repeat SEX By RACE)
 - Hunters and trappers (499-502):
(Repeat SEX By RACE)
- PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS (503-702):
- Mechanics and Repairers (503-552):
 - Supervisors, mechanics and repairers (503-504):
(Repeat SEX By RACE)
 - Mechanics and Repairers, Except Supervisors (505-552):
 - Vehicle and Mobile Equipment Mechanics and Repairers (505-517):
Automobile mechanics, except apprentices (505):
(Repeat SEX By RACE)

Table (matrix)	Title	Total number of data cells
P3.	<p>DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con.</p> <p>Automobile mechanic apprentices (506): (Repeat SEX By RACE)</p> <p>Bus, truck, and stationary engine mechanics (507): (Repeat SEX By RACE)</p> <p>Aircraft engine mechanics (508): (Repeat SEX By RACE)</p> <p>Small engine repairers (509-513): (Repeat SEX By RACE)</p> <p>Automobile body and related repairers (514): (Repeat SEX By RACE)</p> <p>Aircraft mechanics, except engine (515): (Repeat SEX By RACE)</p> <p>Heavy equipment mechanics (516): (Repeat SEX By RACE)</p> <p>Farm equipment mechanics (517): (Repeat SEX By RACE)</p> <p>Industrial machinery repairers (518): (Repeat SEX By RACE)</p> <p>Machinery maintenance occupations (519-522): (Repeat SEX By RACE)</p> <p>Electrical and Electronic Equipment Repairers (523-533):</p> <p>Electronic repairers, communications and industrial equipment (523-524): (Repeat SEX By RACE)</p> <p>Data processing equipment repairers (525): (Repeat SEX By RACE)</p> <p>Household appliance and power tool repairers (526): (Repeat SEX By RACE)</p> <p>Telephone line installers and repairers (527-528): (Repeat SEX By RACE)</p> <p>Telephone installers and repairers (529-532): (Repeat SEX By RACE)</p> <p>Miscellaneous electrical and electronic equipment repairers (533): (Repeat SEX By RACE)</p> <p>Heating, air conditioning, and refrigeration mechanics (534): (Repeat SEX By RACE)</p> <p>Miscellaneous Mechanics and Repairers (535-552):</p> <p>Camera, watch, and musical instrument repairers (535): (Repeat SEX By RACE)</p> <p>Locksmiths and safe repairers (536-537): (Repeat SEX By RACE)</p> <p>Office machine repairers (538): (Repeat SEX By RACE)</p> <p>Mechanical controls and valve repairers (539-542): (Repeat SEX By RACE)</p> <p>Elevator installers and repairers (543): (Repeat SEX By RACE)</p> <p>Millwrights (544-546): (Repeat SEX By RACE)</p> <p>Specified mechanics and repairers, n.e.c. (547-548): (Repeat SEX By RACE)</p> <p>Not specified mechanics and repairers (549-552): (Repeat SEX By RACE)</p> <p>Construction Trades (553-612):</p> <p>Supervisors, Construction Occupations (553-562):</p> <p>Supervisors, brickmasons, stonemasons, and tile setters (553): (Repeat SEX By RACE)</p> <p>Supervisors, carpenters and related workers (554): (Repeat SEX By RACE)</p> <p>Supervisors, electricians and power transmission installers (555): (Repeat SEX By RACE)</p> <p>Supervisors, painters, paperhangers, and plasterers (556): (Repeat SEX By RACE)</p>	

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con.
- Supervisors, plumbers, pipefitters, and steamfitters (557):
(Repeat SEX By RACE)
 - Supervisors, construction, n.e.c. (558-562):
(Repeat SEX By RACE)
 - Construction Trades, Except Supervisors (563-612):
 - Brickmasons and stonemasons, except apprentices (563):
(Repeat SEX By RACE)
 - Brickmason and stonemason apprentices (564):
(Repeat SEX By RACE)
 - Tile setters, hard and soft (565):
(Repeat SEX By RACE)
 - Carpet installers (566):
(Repeat SEX By RACE)
 - Carpenters, except apprentices (567-568):
(Repeat SEX By RACE)
 - Carpenter apprentices (569-572):
(Repeat SEX By RACE)
 - Drywall installers (573-574):
(Repeat SEX By RACE)
 - Electricians, except apprentices (575):
(Repeat SEX By RACE)
 - Electrician apprentices (576):
(Repeat SEX By RACE)
 - Electrical power installers and repairers (577-578):
(Repeat SEX By RACE)
 - Painters, construction and maintenance (579-582):
(Repeat SEX By RACE)
 - Paperhangers (583):
(Repeat SEX By RACE)
 - Plasterers (584):
(Repeat SEX By RACE)
 - Plumbers, pipefitters, and steamfitters, except apprentices (585-586):
(Repeat SEX By RACE)
 - Plumber, pipefitter, and steamfitter apprentices (587):
(Repeat SEX By RACE)
 - Concrete and terrazzo finishers (588):
(Repeat SEX By RACE)
 - Glaziers (589-592):
(Repeat SEX By RACE)
 - Insulation workers (593):
(Repeat SEX By RACE)
 - Paving, surfacing, and tamping equipment operators (594):
(Repeat SEX By RACE)
 - Roofers (595):
(Repeat SEX By RACE)
 - Sheetmetal duct installers (596):
(Repeat SEX By RACE)
 - Structural metal workers (597):
(Repeat SEX By RACE)
 - Drillers, earth (598):
(Repeat SEX By RACE)
 - Construction trades, n.e.c. (599-612):
(Repeat SEX By RACE)
 - Extractive Occupations (613-627):
 - Supervisors, extractive occupations (613):
(Repeat SEX By RACE)
 - Drillers, oil well (614):
(Repeat SEX By RACE)
 - Explosives workers (615):
(Repeat SEX By RACE)
 - Mining machine operators (616):
(Repeat SEX By RACE)

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)—Con.
Mining occupations, n.e.c. (617-627):
 (Repeat SEX By RACE)
Precision Production Occupations (628-702):
 Supervisors, production occupations (628-633):
 (Repeat SEX By RACE)
 Precision Metal Working Occupations (634-655):
 Tool and die makers, except apprentices (634):
 (Repeat SEX By RACE)
 Tool and die maker apprentices (635):
 (Repeat SEX By RACE)
 Precision assemblers, metal (636):
 (Repeat SEX By RACE)
 Machinists, except apprentices (637-638):
 (Repeat SEX By RACE)
 Machinist apprentices (639-642):
 (Repeat SEX By RACE)
 Boilermakers (643):
 (Repeat SEX By RACE)
 Precision grinders, filers, and tool sharpeners (644):
 (Repeat SEX By RACE)
 Patternmakers and model makers, metal (645):
 (Repeat SEX By RACE)
 Lay-out workers (646):
 (Repeat SEX By RACE)
 Precious stones and metals workers (Jewelers) (647-648):
 (Repeat SEX By RACE)
 Engravers, metal (649-652):
 (Repeat SEX By RACE)
 Sheet metal workers, except apprentices (653):
 (Repeat SEX By RACE)
 Sheet metal worker apprentices (654):
 (Repeat SEX By RACE)
 Miscellaneous precision metal workers (655):
 (Repeat SEX By RACE)
Precision Woodworking Occupations (656-665):
 Patternmakers and model makers, wood (656):
 (Repeat SEX By RACE)
 Cabinet makers and bench carpenters (657):
 (Repeat SEX By RACE)
 Furniture and wood finishers (658):
 (Repeat SEX By RACE)
 Miscellaneous precision woodworkers (659-665):
 (Repeat SEX By RACE)
Precision Textile, Apparel, and Furnishings Machine Workers (666-674):
 Dressmakers (666):
 (Repeat SEX By RACE)
 Tailors (667):
 (Repeat SEX By RACE)
 Upholsterers (668):
 (Repeat SEX By RACE)
 Shoe repairers (669-673):
 (Repeat SEX By RACE)
 Miscellaneous precision apparel and fabric workers (674):
 (Repeat SEX By RACE)
Precision Workers, Assorted Materials (675-685):
 Hand molders and shapers, except jewelers (675):
 (Repeat SEX By RACE)
 Patternmakers, lay-out workers, and cutters (676):
 (Repeat SEX By RACE)
 Optical goods workers (677):
 (Repeat SEX By RACE)

Table (matrix)	Title	Total number of data cells
P3.	<p>DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con.</p> <p>Dental laboratory and medical appliance technicians (678): (Repeat SEX By RACE)</p> <p>Bookbinders (679-682): (Repeat SEX By RACE)</p> <p>Electrical and electronic equipment assemblers (683): (Repeat SEX By RACE)</p> <p>Miscellaneous precision workers, n.e.c. (684-685): (Repeat SEX By RACE)</p> <p>Precision Food Production Occupations (686-688):</p> <p>Butchers and meat cutters (686): (Repeat SEX By RACE)</p> <p>Bakers (687): (Repeat SEX By RACE)</p> <p>Food batchmakers (688): (Repeat SEX By RACE)</p> <p>Precision Inspectors, Testers, and Related Workers (689-693):</p> <p>Inspectors, testers, and graders (689-692): (Repeat SEX By RACE)</p> <p>Adjusters and calibrators (693): (Repeat SEX By RACE)</p> <p>Plant and System Operators (694-702):</p> <p>Water and sewage treatment plant operators (694): (Repeat SEX By RACE)</p> <p>Power plant operators (695): (Repeat SEX By RACE)</p> <p>Stationary engineers (696-698): (Repeat SEX By RACE)</p> <p>Miscellaneous plant and system operators (699-702): (Repeat SEX By RACE)</p> <p>OPERATORS, FABRICATORS, AND LABORERS (703-902):</p> <p>Machine Operators, Assemblers, and Inspectors (703-802):</p> <p>Machine Operators and Tenders, Except Precision (703-782):</p> <p>Metal Working and Plastic Working Machine Operators (703-716):</p> <p>Lathe and turning machine set-up operators (703): (Repeat SEX By RACE)</p> <p>Lathe and turning machine operators (704): (Repeat SEX By RACE)</p> <p>Milling and planing machine operators (705): (Repeat SEX By RACE)</p> <p>Punching and stamping press machine operators (706): (Repeat SEX By RACE)</p> <p>Rolling machine operators (707): (Repeat SEX By RACE)</p> <p>Drilling and boring machine operators (708): (Repeat SEX By RACE)</p> <p>Grinding, abrading, buffing, and polishing machine operators (709-712): (Repeat SEX By RACE)</p> <p>Forging machine operators (713): (Repeat SEX By RACE)</p> <p>Numerical control machine operators (714): (Repeat SEX By RACE)</p> <p>Miscellaneous metal, plastic, stone, and glass working machine operators (715-716): (Repeat SEX By RACE)</p> <p>Fabricating machine operators, n.e.c. (717-718): (Repeat SEX By RACE)</p> <p>Metal and Plastic Processing Machine Operators (719-725):</p> <p>Molding and casting machine operators (719-722): (Repeat SEX By RACE)</p> <p>Metal plating machine operators (723): (Repeat SEX By RACE)</p> <p>Heat treating equipment operators (724): (Repeat SEX By RACE)</p>	

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)—Con.
- Miscellaneous metal and plastic processing machine operators (725):
(Repeat SEX By RACE)
 - Woodworking Machine Operators (726-733):
 - Wood lathe, routing, and planing machine operators (726):
(Repeat SEX By RACE)
 - Sawing machine operators (727):
(Repeat SEX By RACE)
 - Shaping and joining machine operators (728):
(Repeat SEX By RACE)
 - Nailing and tacking machine operators (729-732):
(Repeat SEX By RACE)
 - Miscellaneous woodworking machine operators (733):
(Repeat SEX By RACE)
 - Printing Machine Operators (734-737):
 - Printing press operators (734):
(Repeat SEX By RACE)
 - Photoengravers and lithographers (735):
(Repeat SEX By RACE)
 - Typesetters and compositors (736):
(Repeat SEX By RACE)
 - Miscellaneous printing machine operators (737):
(Repeat SEX By RACE)
 - Textile, Apparel, and Furnishings Machine Operators (738-752):
 - Winding and twisting machine operators (738):
(Repeat SEX By RACE)
 - Knitting, looping, taping, and weaving machine operators (739-742):
(Repeat SEX By RACE)
 - Textile cutting machine operators (743):
(Repeat SEX By RACE)
 - Textile sewing machine operators (744):
(Repeat SEX By RACE)
 - Shoe machine operators (745-746):
(Repeat SEX By RACE)
 - Pressing machine operators (747):
(Repeat SEX By RACE)
 - Laundering and dry cleaning machine operators (748):
(Repeat SEX By RACE)
 - Miscellaneous textile machine operators (749-752):
(Repeat SEX By RACE)
 - Machine Operators, Assorted Materials (753-782):
 - Cementing and gluing machine operators (753):
(Repeat SEX By RACE)
 - Packaging and filling machine operators (754):
(Repeat SEX By RACE)
 - Extruding and forming machine operators (755):
(Repeat SEX By RACE)
 - Mixing and blending machine operators (756):
(Repeat SEX By RACE)
 - Separating, filtering, and clarifying machine operators (757):
(Repeat SEX By RACE)
 - Compressing and compacting machine operators (758):
(Repeat SEX By RACE)
 - Painting and paint spraying machine operators (759-762):
(Repeat SEX By RACE)
 - Roasting and baking machine operators, food (763):
(Repeat SEX By RACE)
 - Washing, cleaning, and pickling machine operators (764):
(Repeat SEX By RACE)
 - Folding machine operators (765):
(Repeat SEX By RACE)
 - Furnace, kiln, and oven operators, except food (766-767):
(Repeat SEX By RACE)

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)-Con.
- Crushing and grinding machine operators (768):
(Repeat SEX By RACE)
 - Slicing and cutting machine operators (769-772):
(Repeat SEX By RACE)
 - Motion picture projectionists (773):
(Repeat SEX By RACE)
 - Photographic process machine operators (774-776):
(Repeat SEX By RACE)
 - Miscellaneous machine operators, n. e. c. (777-778):
 - Manufacturing, nondurable goods (777-778) (Industry codes 100-229):
(Repeat SEX By RACE)
 - Manufacturing, durable goods (777-778) (Industry codes 230-399):
(Repeat SEX By RACE)
 - Nonmanufacturing industries (777-778) (Industry codes 010-099, 400-999):
(Repeat SEX By RACE)
 - Machine operators, not specified (779-782):
 - Manufacturing, nondurable goods (779-782) (Industry codes 100-229):
(Repeat SEX By RACE)
 - Manufacturing, durable goods (779-782) (Industry codes 230-399):
(Repeat SEX By RACE)
 - Nonmanufacturing industries (779-782) (Industry codes 010-099, 400-999):
(Repeat SEX By RACE)
 - Fabricators, Assemblers, and Hand Working Occupations (783-795):
 - Welders and cutters (783):
(Repeat SEX By RACE)
 - Solderers and brazers (784):
(Repeat SEX By RACE)
 - Assemblers (785):
(Repeat SEX By RACE)
 - Hand cutting and trimming occupations (786):
(Repeat SEX By RACE)
 - Hand molding, casting, and forming occupations (787-788):
(Repeat SEX By RACE)
 - Hand painting, coating, and decorating occupations (789-792):
(Repeat SEX By RACE)
 - Hand engraving and printing occupations (793-794):
(Repeat SEX By RACE)
 - Miscellaneous hand working occupations (795):
(Repeat SEX By RACE)
 - Production Inspectors, Testers, Samplers, and Weighers (796-802):
 - Production inspectors, checkers, and examiners (796):
(Repeat SEX By RACE)
 - Production testers (797):
(Repeat SEX By RACE)
 - Production samplers and weighers (798):
(Repeat SEX By RACE)
 - Graders and sorters, except agricultural (799-802):
(Repeat SEX By RACE)
 - Transportation and Material Moving Occupations (803-863):
 - Motor Vehicle Operators (803-822):
 - Supervisors, motor vehicle operators (803):
(Repeat SEX By RACE)
 - Truck drivers (804-805):
(Repeat SEX By RACE)
 - Driver-sales workers (806-807):
(Repeat SEX By RACE)
 - Bus drivers (808):
(Repeat SEX By RACE)
 - Taxicab drivers and chauffeurs (809-812):
(Repeat SEX By RACE)
 - Parking lot attendants (813):
(Repeat SEX By RACE)

- P3. DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)–Con.
- Motor transportation occupations, n.e.c. (814-822):
(Repeat SEX By RACE)
 - Transportation Occupations, Except Motor Vehicles (823-842):
 - Rail Transportation Occupations (823-827):
 - Railroad conductors and yardmasters (823):
(Repeat SEX By RACE)
 - Locomotive operating occupations (824):
(Repeat SEX By RACE)
 - Railroad brake, signal, and switch operators (825):
(Repeat SEX By RACE)
 - Rail vehicle operators, n.e.c. (826-827):
(Repeat SEX By RACE)
 - Water Transportation Occupations (828-842):
 - Ship captains and mates, except fishing boats (828):
(Repeat SEX By RACE)
 - Sailors and deckhands (829-832):
(Repeat SEX By RACE)
 - Marine engineers (833):
(Repeat SEX By RACE)
 - Bridge, lock, and lighthouse tenders (834-842):
(Repeat SEX By RACE)
 - Material Moving Equipment Operators (843-863):
 - Supervisors, material moving equipment operators (843):
(Repeat SEX By RACE)
 - Operating engineers (844):
(Repeat SEX By RACE)
 - Longshore equipment operators (845-847):
(Repeat SEX By RACE)
 - Hoist and winch operators (848):
(Repeat SEX By RACE)
 - Crane and tower operators (849-852):
(Repeat SEX By RACE)
 - Excavating and loading machine operators (853-854):
(Repeat SEX By RACE)
 - Grader, dozer, and scraper operators (855):
(Repeat SEX By RACE)
 - Industrial truck and tractor equipment operators (856-858):
(Repeat SEX By RACE)
 - Miscellaneous material moving equipment operators (859-863):
(Repeat SEX By RACE)
 - Handlers, Equipment Cleaners, Helpers, and Laborers (864-902):
 - Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (864):
(Repeat SEX By RACE)
 - Helpers, mechanics, and repairers (865):
(Repeat SEX By RACE)
 - Helpers, Construction, and Extractive Occupations (866-868):
 - Helpers, construction trades (866):
(Repeat SEX By RACE)
 - Helpers, surveyor (867):
(Repeat SEX By RACE)
 - Helpers, extractive occupations (868):
(Repeat SEX By RACE)
 - Construction laborers (869-873):
(Repeat SEX By RACE)
 - Production helpers (874):
(Repeat SEX By RACE)
 - Freight, Stock, and Material Handlers (875-884):
 - Garbage collectors (875):
(Repeat SEX By RACE)
 - Stevedores (876):
(Repeat SEX By RACE)

P3.	<p>DETAILED OCCUPATION(512) BY SEX(2) BY RACE(5)–Con. Stock handlers and baggers (877): (Repeat SEX By RACE) Machine feeders and offbearers (878-882): (Repeat SEX By RACE) Freight, stock, and material handlers, n.e.c. (883-884): (Repeat SEX By RACE) Garage and service station related occupations (885-886): (Repeat SEX By RACE) Vehicle washers and equipment cleaners (887): (Repeat SEX By RACE) Hand packers and packagers (888): (Repeat SEX By RACE) Laborers, except construction (889-902): Manufacturing, nondurable goods (889-902) (Industry codes 100-229): (Repeat SEX By RACE) Manufacturing, durable goods (889-902) (Industry codes 230-399): (Repeat SEX By RACE) Transportation, communications, and other public utilities (889-902) (Industry codes 400-499): (Repeat SEX By RACE) Wholesale and retail trade (889-902) (Industry codes 500-699): (Repeat SEX By RACE) All other industries (889-902) (Industry codes 010-099, 700-999): (Repeat SEX By RACE) EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION (000, 903-999): Unemployed, no recent civilian work experience (000, 903-999): (Repeat SEX By RACE)</p>	
P4.	<p>EDUCATIONAL ATTAINMENT(5) BY SEX(2) <i>Universe: Civilian labor force</i> Not high school graduate: Male Female High school graduate (includes equivalency): (Repeat SEX) Some college or associate degree: (Repeat SEX) Bachelor's degree: (Repeat SEX) Graduate or professional degree: (Repeat SEX)</p>	10
P5.	<p>EDUCATIONAL ATTAINMENT(5) BY AGE(7) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6) <i>Universe: Civilian labor force</i> Not high school graduate: 16 to 19 years: Male: Hispanic origin White, not of Hispanic origin Black, not of Hispanic origin American Indian, Eskimo, or Aleut, not of Hispanic origin Asian or Pacific Islander, not of Hispanic origin Other race, not of Hispanic origin Female: (Repeat HISPANIC ORIGIN AND RACE) 20 to 24 years: (Repeat SEX By HISPANIC ORIGIN AND RACE) 25 to 29 years: (Repeat SEX By HISPANIC ORIGIN AND RACE) 30 to 34 years: (Repeat SEX By HISPANIC ORIGIN AND RACE)</p>	420

P5.	EDUCATIONAL ATTAINMENT(5) BY AGE(7) BY SEX(2) BY HISPANIC ORIGIN AND RACE(6)-Con. 35 to 39 years: (Repeat SEX By HISPANIC ORIGIN AND RACE) 40 to 69 years: (Repeat SEX By HISPANIC ORIGIN AND RACE) 70 years and over: (Repeat SEX By HISPANIC ORIGIN AND RACE) High school graduate (includes equivalency): (Repeat AGE By SEX By HISPANIC ORIGIN AND RACE) Some college or associate degree: (Repeat AGE By SEX By HISPANIC ORIGIN AND RACE) Bachelor's degree: (Repeat AGE By SEX By HISPANIC ORIGIN AND RACE) Graduate or professional degree: (Repeat AGE By SEX By HISPANIC ORIGIN AND RACE)	350
P6.	EDUCATIONAL ATTAINMENT(5) BY AGE(7) BY SEX(2) BY RACE(5)..... <i>Universe: Civilian labor force</i> Not high school graduate: 16 to 19 years: Male: White Black American Indian, Eskimo, or Aleut Asian or Pacific Islander Other race Female: (Repeat RACE) 20 to 24 years: (Repeat SEX By RACE) 25 to 29 years: (Repeat SEX By RACE) 30 to 34 years: (Repeat SEX By RACE) 35 to 39 years: (Repeat SEX By RACE) 40 to 69 years: (Repeat SEX By RACE) 70 years and over: (Repeat SEX By RACE) High school graduate (includes equivalency): (Repeat AGE By SEX By RACE) Some college or associate degree: (Repeat AGE By SEX By RACE) Bachelor's degree: (Repeat AGE By SEX By RACE) Graduate or professional degree: (Repeat AGE By SEX By RACE)	350

SUMMARY LEVEL SEQUENCE CHART

<u>Summary level area</u>	<u>Summary level code</u>	<u>Geographic component code</u>
State ¹	040	00
State—County ²	050	00

¹Virgin Islands
²Island in the Virgin Islands



USER NOTES

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CENSUS OF POPULATION AND HOUSING, 1990: EQUAL EMPLOYMENT OPPORTUNITY (EEO) FILE—VIRGIN ISLANDS

USER NOTE 1

Age Reporting—Review of detailed 1990 information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age as of April 1, 1990. In addition, there may have been a tendency for respondents to round up their age if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger. For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the discussion on comparability under "Age" in appendix B.)

Occupation Codes—The occupation stub used in the EEO Tables (Matrices) differs slightly from the code list for occupations shown in appendix H.

The EEO file subdivides two occupations by self employed and salaried. These are:

Managers and administrators, n.e.c.
Supervisors and proprietors, sales occupations

There are three occupations subdivided by several industry groups. These are:

Miscellaneous machine operators, n.e.c.
Machine operators, not specified
Laborers, except construction

The Precision Production major group has several categories for apprentices. Most other census tabulations include apprentices in the total number for their eventual occupation, followed by the apprentices shown as a part of that occupation. For example:

Code	Occupation
505, 506	Automobile mechanics
506	Automobile mechanic apprentices

In the EEO file, however, the main occupation does not include the number for apprentices. For example:

Code	Occupation
505	Automobile mechanics, except apprentices
506	Automobile mechanics apprentices

The code list shows three military occupation categories. Since the EEO file is for the civilian labor force, these are not shown in the tables.

The content of the last line in the table "unemployed, no recent civilian work experience" is unique for the EEO file. It is composed of three components of unemployed persons. There are:

People looking for their first job
Unemployed who last worked 1984 or earlier
Unemployed whose last job was in the Armed Forces and had a uniquely military occupation

March 1993



USER NOTE ORDERING INFORMATION

Additional information concerning this file may be available at a later date. User notes, along with technical notes, are automatically sent to all Census Bureau data purchasers.

Users who purchase their data from other sources may subscribe to the user/technical note series at a cost of \$40 annually.

Data User Services Division
Customer Services Branch
Bureau of the Census
Washington, DC 20233

.....

Name of File: **Census of Population and Housing, 1990: Equal Employment Opportunity (EEO) File
Virgin Islands of the United States**

Please send me any information that becomes available later concerning the file listed above.

Name:

Address:

City and State:

ZIP Code:



DATA DICTIONARY

CONTENTS

Identification Section	1
Table (Matrix) Section	13

IDENTIFICATION SECTION

Field name	Data dictionary reference name	Field size	Starting position	Data type
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Record Codes

File Identification ¹	FILEID	8	1	A/N
State/US Abbreviation	STUSAB	2	9	A

AK	Alaska	ID	Idaho	NC	North Carolina	SC	South Carolina
AL	Alabama	IL	Illinois	ND	North Dakota	SD	South Dakota
AR	Arkansas	IN	Indiana	NE	Nebraska	TN	Tennessee
AZ	Arizona	KS	Kansas	NH	New Hampshire	TX	Texas
CA	California	KY	Kentucky	NJ	New Jersey	US	United States
CO	Colorado	LA	Louisiana	NM	New Mexico	UT	Utah
CT	Connecticut	MA	Massachusetts	NV	Nevada	VA	Virginia
DC	District of Columbia	MD	Maryland	NY	New York	VI	Virgin Islands of the United States
DE	Delaware	ME	Maine	OH	Ohio	VT	Vermont
FL	Florida	MI	Michigan	OK	Oklahoma	WA	Washington
GA	Georgia	MN	Minnesota	OR	Oregon	WI	Wisconsin
HI	Hawaii	MO	Missouri	PA	Pennsylvania	WV	West Virginia
IA	Iowa	MS	Mississippi	PR	Puerto Rico	WY	Wyoming
		MT	Montana	RI	Rhode Island		

Summary Level ²	SUMLEV	3	11	N
Geographic Component ³	GEOCOMP	2	14	N

00	Not a geographic component
01	Urban
02	Urban in urbanized area
03	Urban in urbanized area in urbanized area central place
04	Urban in urbanized area not in urbanized area central place
05	Urban not in urbanized area
06	Urban not in urbanized area place [10,000 or more persons]
07	Urban not in urbanized area place [2,500 to 9,999 persons]
08	Rural
09	Rural place [1,000 to 2,499 population, not in an extended city]
10	Rural place [0 to 999 population, not in an extended city]
11	Rural not in place [or rural part of extended city]
12	Rural farm
13	Urban portion of extended city
14	Rural portion of extended city
20	In metropolitan statistical area/consolidated metropolitan statistical area
21	In metropolitan statistical area/consolidated metropolitan statistical area urban
22	In metropolitan statistical area/consolidated metropolitan statistical area rural

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
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23	In metropolitan statistical area/consolidated metropolitan statistical area in metropolitan statistical area/primary metropolitan statistical area central city			
24	In metropolitan statistical area/consolidated metropolitan statistical area not in metropolitan statistical area/primary metropolitan statistical area central city			
25	In metropolitan statistical area/consolidated metropolitan statistical area not in metropolitan statistical area/primary metropolitan statistical area central city urban			
26	In metropolitan statistical area/consolidated metropolitan statistical area not in metropolitan statistical area/primary metropolitan statistical area central city urban in urbanized area			
27	In metropolitan statistical area/consolidated metropolitan statistical area not in metropolitan statistical area/primary metropolitan statistical area central city urban not in urbanized area			
28	In metropolitan statistical area/consolidated metropolitan statistical area not in metropolitan statistical area/primary metropolitan statistical area central city rural			
30	Not in metropolitan statistical area/consolidated metropolitan statistical area			
31	Not in metropolitan statistical area/consolidated metropolitan statistical area urban			
32	Not in metropolitan statistical area/consolidated metropolitan statistical area urban in urbanized area			
33	Not in metropolitan statistical area/consolidated metropolitan statistical area urban not in urbanized area			
34	Not in metropolitan statistical area/consolidated metropolitan statistical area urban not in urbanized area place [10,000 or more population]			
35	Not in metropolitan statistical area/consolidated metropolitan statistical area urban not in urbanized area place [2,500 - 9,999 population]			
36	Not in metropolitan statistical area/consolidated metropolitan statistical area rural			
40	American Indian reservation and trust land [American Indian reservations (AIR codes 0001-4989) including any trust lands]			
42	Tribal Jurisdiction Statistical Area [Oklahoma only]			
43	Tribal Designated Statistical Area			
44	Alaska Native village statistical area [Alaska only]			

Characteristic Iteration ⁴.....CHARITER 3 16 N

000 Not a characteristic iteration

Logical Record Number ⁵.....LOGRECNU 6 19 N

Logical Record Part Number ⁶.....LOGRECPN 4 25 N

Total Number of Parts in Record ⁷.....PARTREC 4 29 N

Geographic Area Codes

Alaska Native Regional Corporation ⁸.....ANRC 2 33 A/N

07 Ahtna	28 Bering Straits	49 Chugach	70 Koniag
14 Aleut	35 Bristol Bay	56 Cook Inlet	77 NANA
21 Arctic Slope	42 Calista	63 Doyon	84 Sealaska

American Indian/Alaska Native Area (Census) ⁹.....AIANACE 4 35 A/N

American Indian/Alaska Native Area (FIPS) ¹⁰.....AIANAFP 5 39 A/N

American Indian/Alaska Native Area Class Code.....AIANACC 2 44 A/N

D1	Federally recognized American Indian reservation that does not serve as a minor civil division (MCD) equivalent
D2	Federally recognized American Indian reservation that also serves as an MCD equivalent
D3	American Indian tribal government that holds property in trust—"trust land"—for a tribe or individual member(s) of the tribe, and the trust land(s) is not associated with a specific American Indian reservation or the associated American Indian reservation is not located in this State
D4	State-recognized American Indian reservation that does not serve as an MCD equivalent
D5	State-recognized American Indian reservation that also serves as an MCD equivalent

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type																								
<div style="border: 1px solid black; padding: 5px;"> D6 Tribal designated statistical area (TDSA); tribal jurisdiction statistical area (TJSA) (TJSAs occur only in Oklahoma) E1 Alaska Native village statistical area (ANVSA) that does not coincide with or approximate an incorporated place or a census designated place (CDP) E2 ANVSA that coincides with or approximates a CDP E6 ANVSA that coincides with or approximates an incorporated place </div>																												
American Indian Reservation Trust Land Indicator Code.....	ARTLI	1	46	A/N																								
<div style="border: 1px solid black; padding: 5px;"> 1 American Indian reservation; including Tribal Jurisdiction Statistical Area (TJSA) and Tribal Designated Statistical Area (TDSA) 2 Off-reservation trust land 9 Not an American Indian area </div>																												
Block ^a	BLCK	4	47	A/N																								
Block Group ^a	BLCKGR	1	51	A/N																								
Census Tract/Block Numbering Area ^a	TRACTBNA	6	52	A/N																								
Congressional District (101st Congress) ^a	CONGDIS	2	58	A/N																								
<div style="border: 1px solid black; padding: 5px;"> 01-45 The actual congressional district number 00 Applies to States whose representative is elected "at large"; i.e., the State has only one representative in the United States House of Representatives 98 Applies to areas that have a nonvoting delegate in the United States House of Representatives 99 Applies to areas that have no representation in the United States House of Representatives </div>																												
Consolidated City (Census) ^a	CONCITCE	1	60	A/N																								
<div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">B Butte-Silver Bow, Montana</td> <td style="width: 33%;">I Indianapolis, Indiana</td> <td style="width: 33%;">M Milford, Connecticut</td> </tr> <tr> <td>C Columbus, Georgia</td> <td>J Jacksonville, Florida</td> <td>N Nashville-Davidson, Tennessee</td> </tr> </table> </div>					B Butte-Silver Bow, Montana	I Indianapolis, Indiana	M Milford, Connecticut	C Columbus, Georgia	J Jacksonville, Florida	N Nashville-Davidson, Tennessee																		
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C Columbus, Georgia	J Jacksonville, Florida	N Nashville-Davidson, Tennessee																										
Consolidated City (FIPS) ^{a,10}	CONCITFP	5	61	A/N																								
Consolidated City Class Code ¹⁰	CONCITCC	2	66	A/N																								
<div style="border: 1px solid black; padding: 5px;"> C3 Consolidated city </div>																												
Consolidated City Population Size Code.....	CONCITSC	2	68	A/N																								
<div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">00 Not in universe</td> <td style="width: 25%;">06 250-299</td> <td style="width: 25%;">12 2,500-4,999</td> <td style="width: 25%;">18 100,000-249,999</td> </tr> <tr> <td>01 0</td> <td>07 300-499</td> <td>13 5,000-9,999</td> <td>19 250,000-499,999</td> </tr> <tr> <td>02 1-24</td> <td>08 500-999</td> <td>14 10,000-19,999</td> <td>20 500,000-999,999</td> </tr> <tr> <td>03 25-99</td> <td>09 1,000-1,499</td> <td>15 20,000-24,999</td> <td>21 1,000,000-2,499,999</td> </tr> <tr> <td>04 100-199</td> <td>10 1,500-1,999</td> <td>16 25,000-49,999</td> <td>22 2,500,000-4,999,999</td> </tr> <tr> <td>05 200-249</td> <td>11 2,000-2,499</td> <td>17 50,000-99,999</td> <td>23 5,000,000 or more</td> </tr> </table> </div>					00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999	01 0	07 300-499	13 5,000-9,999	19 250,000-499,999	02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999	03 25-99	09 1,000-1,499	15 20,000-24,999	21 1,000,000-2,499,999	04 100-199	10 1,500-1,999	16 25,000-49,999	22 2,500,000-4,999,999	05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more
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05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more																									
Consolidated Metropolitan Statistical Area ^a	CMSA	2	70	A/N																								
County ^a	CNTY	3	72	A/N																								

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
County Population Size Code.....	CNTYSC	2	75	A/N

00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999
01 0	07 300-499	13 5,000-9,999	19 250,000-499,999
02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999
03 25-99	09 1,000-1,499	15 20,000-24,999	21 1,000,000-2,499,999
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05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more

County Subdivision (Census) ⁹	COUSUBCE	3	77	A/N
County Subdivision (FIPS) ¹⁰	COUSUBFP	5	80	A/N
County Subdivision Class Code.....	COUSUBCC	2	85	A/N

C2 Incorporated place that also serves as a minor civil division (MCD) equivalent because, although the place is coextensive with an MCD, the Census Bureau, in agreement with State officials, does not recognize that MCD for presenting census data because the MCD cannot provide governmental services (Ohio only)
C5 Incorporated place that also serves as an MCD equivalent because it is not part of an MCD or a county subdivision classified as Z5
C7 Incorporated place that also serves as a county equivalent and an MCD equivalent; generally referred to as an "independent city"
D2 Federally recognized American Indian reservation that also serves as an MCD equivalent
D5 State-recognized American Indian reservation that also serves as an MCD equivalent
T1 Governmentally active minor civil division (MCD) that is not coextensive with an incorporated place
T5 Governmentally active MCD that is coextensive with an incorporated place
Z1 MCD that is governmentally inactive or cannot provide general-purpose governmental services
Z3 Unorganized territory identified by the Census Bureau as an MCD equivalent for presenting census data
Z5 Census county division (CCD); census subarea (CSA) (Alaska only); census subdistrict (Virgin Islands only)
Z7 Incorporated place that the Census Bureau treats as a minor civil division (MCD) equivalent because it is not in any MCD or is coextensive with a legally established but nonfunctioning MCD that the Census Bureau does not recognize for data presentation, AND is located in a State or county whose MCDs cannot provide governmental services (Iowa and Nebraska only)

County Subdivision Population Size Code.....	COUSUBSC	2	87	A/N
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00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999
01 0	07 300-499	13 5,000-9,999	19 250,000-499,999
02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999
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05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more

Division ⁹	DIVIS	1	89	A/N
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0 Not in a division	4 West North Central	7 West South Central
1 New England	5 South Atlantic	8 Mountain
2 Middle Atlantic	6 East South Central	9 Pacific
3 East North Central		

Extended City Indicator ⁸	EXTCITIN	1	90	A/N
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1 Extended city	9 Not an extended city
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Internal Use Code ¹¹	INTUC	15	91	A/N
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NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area ⁹	MSACMSA	4	106	A/N
MSA/CMSA Population Size Code	MSACMSAS	2	110	A/N

00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999
01 0	07 300-499	13 5,000-9,999	19 250,000-499,999
02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999
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05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more

Place (Census) ⁹	PLACECE	4	112	A/N
Place (FIPS) ¹⁰	PLACEFP	5	116	A/N
Place Class Code	PLACECC	2	121	A/N

C1 Incorporated place that is governmentally active, is not related to an Alaska Native village statistical area (ANVSA), and does not serve as a minor civil division (MCD) equivalent
C2 Incorporated place that also serves as a minor civil division (MCD) equivalent because, although the place is coextensive with an MCD, the Census Bureau, in agreement with State officials, does not recognize that MCD for presenting census data because the MCD cannot provide governmental services (Iowa and Ohio only)
C5 Incorporated place that also serves as an MCD equivalent because it is not part of an MCD
C6 Incorporated place that coincides with or approximates an ANVSA
C7 Incorporated place that also serves as a county equivalent; generally referred to as an "independent city"
C8 The portion ("remainder") of a consolidated city that excludes the incorporated place(s) within that jurisdiction
C9 Incorporated place whose government is operationally inactive and is not included in any other C subclass
M2 Military or Coast Guard installation (or part of an installation) that serves as a census designated place (CDP)
U1 CDP with a name that is commonly recognized for the populated area
U2 CDP with a name that is not commonly recognized for the populated area (e.g., a combination of the names of two or three commonly recognized communities, or a name that identifies the location of the CDP in relation to an adjacent incorporated place)
U9 CDP that coincides with or approximates an ANVSA.

Note: In Ohio, a multi-county place that has a different MCD relationship in each county is assigned only a single class code of C1, C2, or C5.

Place Description Code	PLACEDC	1	123	A/N
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1 Incorporated central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA), but not a central place of an urbanized area (UA)
2 Incorporated central place of an urbanized area (UA), but not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
3 Incorporated central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and a central place of an urbanized area (UA)
4 Consolidated city or an incorporated place that is not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and not a central place of an urbanized area (UA)
5 Incorporated place, which is the central place of an urbanized area (UA), but only part of which is the central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
6 Incorporated place, which is not a central place of an urbanized area (UA), but part of which is the central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
A Census designated place (CDP) that is a central place of an urbanized area (UA), but not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
B Census designated place (CDP) that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA), but not a central place of an urbanized area (UA)
C Census designated place (CDP) that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and a central place of an urbanized area (UA)

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type																																																								
State (FIPS) ⁸	STATEFP	2	133	A/N																																																								
<table border="1"> <tr> <td>01 Alabama</td> <td>17 Illinois</td> <td>31 Nebraska</td> <td>46 South Dakota</td> </tr> <tr> <td>02 Alaska</td> <td>18 Indiana</td> <td>32 Nevada</td> <td>47 Tennessee</td> </tr> <tr> <td>04 Arizona</td> <td>19 Iowa</td> <td>33 New Hampshire</td> <td>48 Texas</td> </tr> <tr> <td>05 Arkansas</td> <td>20 Kansas</td> <td>34 New Jersey</td> <td>49 Utah</td> </tr> <tr> <td>06 California</td> <td>21 Kentucky</td> <td>35 New Mexico</td> <td>50 Vermont</td> </tr> <tr> <td>08 Colorado</td> <td>22 Louisiana</td> <td>36 New York</td> <td>51 Virginia</td> </tr> <tr> <td>09 Connecticut</td> <td>23 Maine</td> <td>37 North Carolina</td> <td>53 Washington</td> </tr> <tr> <td>10 Delaware</td> <td>24 Maryland</td> <td>38 North Dakota</td> <td>54 West Virginia</td> </tr> <tr> <td>11 District of Columbia</td> <td>25 Massachusetts</td> <td>39 Ohio</td> <td>55 Wisconsin</td> </tr> <tr> <td>12 Florida</td> <td>26 Michigan</td> <td>40 Oklahoma</td> <td>56 Wyoming</td> </tr> <tr> <td>13 Georgia</td> <td>27 Minnesota</td> <td>41 Oregon</td> <td>72 Puerto Rico</td> </tr> <tr> <td>15 Hawaii</td> <td>28 Mississippi</td> <td>42 Pennsylvania</td> <td>78 Virgin Islands of the United States</td> </tr> <tr> <td>16 Idaho</td> <td>29 Missouri</td> <td>44 Rhode Island</td> <td></td> </tr> <tr> <td></td> <td>30 Montana</td> <td>45 South Carolina</td> <td></td> </tr> </table>					01 Alabama	17 Illinois	31 Nebraska	46 South Dakota	02 Alaska	18 Indiana	32 Nevada	47 Tennessee	04 Arizona	19 Iowa	33 New Hampshire	48 Texas	05 Arkansas	20 Kansas	34 New Jersey	49 Utah	06 California	21 Kentucky	35 New Mexico	50 Vermont	08 Colorado	22 Louisiana	36 New York	51 Virginia	09 Connecticut	23 Maine	37 North Carolina	53 Washington	10 Delaware	24 Maryland	38 North Dakota	54 West Virginia	11 District of Columbia	25 Massachusetts	39 Ohio	55 Wisconsin	12 Florida	26 Michigan	40 Oklahoma	56 Wyoming	13 Georgia	27 Minnesota	41 Oregon	72 Puerto Rico	15 Hawaii	28 Mississippi	42 Pennsylvania	78 Virgin Islands of the United States	16 Idaho	29 Missouri	44 Rhode Island			30 Montana	45 South Carolina	
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Urban/Rural ⁸	URBANRUR	1	135	A/N																																																								
<table border="1"> <tr> <td>1 Urban</td> <td>2 Rural</td> </tr> </table>					1 Urban	2 Rural																																																						
1 Urban	2 Rural																																																											
Urbanized Area ⁹	URBAREA	4	136	A/N																																																								
Urbanized Area Population Size Code	UASC	2	140	A/N																																																								
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Special Area Code (1)	SAC1	5	142	A/N																																																								
Special Area Code (2)	SAC2	5	147	A/N																																																								
Special Area Code (3)	SAC3	4	152	A/N																																																								
Special Area Code (4)	SAC4	4	156	A/N																																																								
Special Area Code (5)	SAC5	3	160	A/N																																																								
Special Area Code (6)	SAC6	3	163	A/N																																																								
Special Area Code (7)	SAC7	2	166	A/N																																																								
Special Area Code (8)	SAC8	2	168	A/N																																																								
Special Area Code (9)	SAC9	1	170	A/N																																																								
Special Area Code (10)	SAC10	1	171	A/N																																																								
Area Characteristics																																																												
Area (land) ¹²	AREALAND	10	172	A/N																																																								
Area (water) ¹³	AREAWAT	10	182	A/N																																																								
Area Name/PSAD Term/ Part Indicator ¹⁴	ANPSADPI	66	192	A/N																																																								

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
Functional Status Code.....	FUNCSTAT	1	258	A/N

- A Active governmental unit, except American Indian reservations and Alaska Native village statistical areas. — An active governmental unit has the legal capacity to have officers, to raise revenue, and to conduct governmental activities under State laws, and currently is doing so.
- B Functioning governmental unit providing no substantive governmental services. — These areas may be coextensive with and administered by officials of another governmental unit (such as towns in Connecticut that are coextensive with cities), or the number of officials and/or the functions they perform are so minimal and/or vestigial that the Census Bureau does not recognize them as governmental units for census purposes (such as townships in Iowa).
- F False entity. — In order to maintain complete coverage of every State at the county level and of every county at the county subdivision level, we create false entities at these levels for any place that is independent of a county or independent of a minor civil division (MCD). This code also is used for place records that represent the remainder of a consolidated city or the remainder of a county subdivision.
- I Inactive governmental unit. — An inactive governmental unit has the legal capacity to be active, but currently has no legal officers, raises no revenues, and conducts no activities.
- N Nonfunctioning governmental unit. — A nonfunctioning governmental unit has legally established boundaries, but has no legal capacity to conduct governmental activity.
- R An American Indian reservation, an American Indian tribe whose name is associated with trust lands, or an Alaska Native village statistical area.
- S Statistical entity, except Alaska Native village statistical areas and tribal jurisdiction statistical areas. — A statistical entity has no governmental status and is defined by or in cooperation with the Census Bureau or other Federal agency. This category includes census regions, census divisions, census county divisions (CCDs), census designated places (CDPs), metropolitan areas (MSA/CMSA/PMSAs), urbanized areas (UAs), unorganized territories (UTs), tribal designated statistical areas (TDSAs), census areas and census subareas in Alaska, and comunidades and zonas urbanas in Puerto Rico.
- T Tribal jurisdiction statistical area.— A tribal jurisdiction statistical area (TJSA) is not a legally defined governmental unit, but is recognized as a statistical area for the 1990 census. These areas exist only in the State of Oklahoma and were not recognized separately in 1980.

Geographic Change User Note Indicator.....	GCUNI	1	259	A/N
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- 0 No geographic change note for the area within the summary level
- 1 See User Notes for a geographic change note

Housing Unit Count (100 percent) ¹⁵	HU100	9	260	A/N
Internal Point (latitude) ¹⁶	INTPTLAT	9	269	A/N
Internal Point (longitude) ¹⁷	INTPTLNG	10	278	A/N
Part Flag.....	PARTFLAG	1	288	A/N

- 0 Not a part
- 1 Part

Political/Statistical Area Description Code.....	PSADC	2	289	A/N
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- 01 State or State equivalent no status is appended to the name of the entity in census publications and related data products.
- 04 Borough county equivalent in Alaska; "Borough" is appended to the name of the entity in census publications and related data products.
- 05 Census area county equivalent in Alaska; "Census Area" is appended to the name of the entity in census publications and related data products.
- 06 County "County" is appended to the name of the entity in census publications and related data products.
- 08 Independent city county equivalent in Maryland, Missouri, and Virginia; "city" is appended to the name of the entity in census publications and related data products.
- 09 Independent city county equivalent in Nevada; no status is appended to the name of the entity in census publications and related data products.

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
10	Island county equivalent in Virgin Islands of the United States; "Island" is appended to the name of the entity in census publications and related data products.			
13	Municipio county equivalent in Puerto Rico; "Municipio" is appended to the name of the entity in census publications and related data products.			
14	(none) county equivalent; used at county level for the District of Columbia and Yellowstone National Park (Montana). No status is appended to the name of the entity in census publications and related data products.			
15	Parish county equivalent in Louisiana; "Parish" is appended to the name of the entity in census publications and related data products.			
19	American Indian reservation minor civil division (MCD) in Maine and New York; "Reservation" is appended to the name of the entity in census publications and related data products.			
20	Barrio minor civil division (MCD) in Puerto Rico; "barrio" is appended to the name of the entity in census publications and related data products.			
21	Borough minor civil division (MCD) in New York; MCD equivalent in New Jersey and Pennsylvania; "borough" is appended to the name of the entity in census publications and related data products.			
22	Census county division (CCD) minor civil division (MCD) equivalent in 21 States; "division" is appended to the name of the entity in census publications and related data products.			
23	Census subarea minor civil division (MCD) equivalent in Alaska; "census subarea" is appended to the name of the entity in census publications and related data products.			
24	Census subdistrict minor civil division (MCD) equivalent in the Virgin Islands of the United States; "subdistrict" is appended to the name of the entity in census publications and related data products.			
25	City minor civil division (MCD) equivalent in 20 States and the District of Columbia; "city" is appended to the name of the entity in census publications and related data products.			
27	District (magisterial, road) minor civil division (MCD) in Pennsylvania, Virginia, and West Virginia; "district" is appended to the name of the entity in census publications and related data products.			
28	District (assessment, election, magisterial, supervisors', or parish governing authority) minor civil division (MCD) in Louisiana, Maryland, Mississippi, and West Virginia; no status is appended to the name of the entity in census publications and related data products.			
29	Election precinct minor civil division (MCD) in Illinois and Nebraska; "precinct" is appended to the name of the entity in census publications and related data products.			
30	Election precinct minor civil division (MCD) in Illinois and Nebraska; no status is appended to the name of the entity in census publications and related data products.			
31	Gore minor civil division (MCD) in Maine and Vermont; "gore" is appended to the name of the entity in census publications and related data products.			
32	Grant minor civil division (MCD) in New Hampshire and Vermont; "grant" is appended to the name of the entity in census publications and related data products.			
33	Independent city minor civil division (MCD) equivalent in Maryland, Missouri, and Virginia; "city" is appended to the name of the entity in census publications and related data products.			
34	Not used.			
36	Location minor civil division (MCD) in New Hampshire; "location" is appended to the name of the entity in census publications and related data products.			
38	(none) minor civil division (MCD) equivalent for Arlington County, Virginia; no status is appended to the name of the entity in census publications and related data products.			
39	Plantation minor civil division (MCD) in Maine; "plantation" is appended to the name of the entity in census publications and related data products.			
40	Plantation minor civil division (MCD) in Maine; no status is appended to the name of the entity in census publications and related data products.			
41	Barrio-pueblo minor civil division (MCD) in Puerto Rico; "barrio-pueblo" is appended to the name of the entity in census publications and related data products.			
42	Purchase minor civil division (MCD) in New Hampshire; "purchase" is appended to the name of the entity in census publications and related data products.			
43	Town minor civil division (MCD) in 8 States; MCD equivalent in New Jersey, Pennsylvania, and South Dakota; "town" is appended to the name of the entity in census publications and related data products.			
44	Township minor civil division (MCD) in 16 States; "township" is appended to the name of the entity in census publications and related data products.			
45	Township minor civil division (MCD) in Kansas, Nebraska, and North Carolina; no status is appended to the name of the entity in census publications and related data products.			

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
46	Unorganized territory minor civil division (MCD) in 9 States; "unorg." is appended to the name of the entity in census publications and related data products.			
47	Village minor civil division (MCD) equivalent in New Jersey, Ohio, South Dakota, and Wisconsin; "village" is appended to the name of the entity in census publications and related data products.			
51	Subbarrio sub-minor civil division (sub-MCD) in Puerto Rico; "subbarrio" is appended to the name of the entity in census publications and related data products.			
55	Comunidad place (census designated place) in Puerto Rico; "comunidad" is appended to the name of the entity in census publications and related data products.			
56	Borough place in Connecticut, New Jersey, and Pennsylvania; "borough" is appended to the name of the entity in census publications and related data products.			
57	Census designated place place; "CDP" is appended to the name of the entity in census publications and related data products.			
58	City place; "city" is appended to the name of the entity in census publications and related data products.			
59	City place; used for some cities that have a unique description, no description, or a description included with their name, as follows: Anaconda-Deer Lodge County (Montana): incorporated municipality; Butte-Silver Bow (remainder) (Montana): (none); Carson City, Nevada: (none); Columbus city (remainder) (Georgia): (none); Indianapolis city (remainder) (Indiana): (none); Jacksonville city (remainder) (Florida): (none); Lexington-Fayette (Kentucky): Urban County Government; Lynchburg-Moore County (Tennessee): (none); Milford city (remainder) (Connecticut): (none); Nashville-Davidson (remainder) (Tennessee): "Metropolitan Government of Nashville and Davidson County"; No status is appended to the name of the entity in census publications and related data products.			
60	Town place; place in 30 States and the Virgin Islands of the United States; "town" is appended to the name of the entity in census publications and related data products.			
61	Village place; place in 19 States; "village" is appended to the name of the entity in census publications and related data products.			
62	Zona urbana place (census designated place) in Puerto Rico; "zona urbana" is appended to the name of the entity in census publications and related data products.			
65	Consolidated city in Connecticut, Florida, Georgia, and Indiana "city" is appended to the name of the entity in census publications and related data products.			
66	Consolidated city used for some consolidated cities that have unique descriptions or no descriptions, as follows: Butte-Silver Bow (Montana): (none); Nashville-Davidson (Tennessee): "Metropolitan Government of Nashville and Davidson County"; No status is appended to the name of the entity in census publications and related data products.			
68	Census region no status is appended to the name of the entity in census publications and related data products.			
69	Census division no status is appended to the name of the entity in census publications and related data products.			
71	Consolidated metropolitan statistical area (CMSA) "CMSA" is appended to the name of the entity in census publications and related data products.			
72	Metropolitan statistical area (MSA) "MSA" is appended to the name of the entity in census publications and related data products.			
73	Primary metropolitan statistical area (PMSA) "PMSA" is appended to the name of the entity in census publications and related data products.			
75	Urbanized area (UA) no status is appended to the name of the entity in census publications and related data products.			
77	Alaska Native Regional Corporation no status is appended to the name of the entity in census publications and related data products.			
79	Alaska Native village statistical area no status is appended to the name of the entity in census publications and related data products.			
80	Tribal designated statistical area American Indian reservation equivalent for non-land-based tribes outside of Oklahoma; "TDSA" is appended to the name of the entity in census publications and related data products.			
81	Colony American Indian reservation; "Colony" is appended to the name of the entity in census publications and related data products.			
82	Community American Indian reservation; "Community" is appended to the name of the entity in census publications and related data products.			

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
<p>83 Joint area American Indian reservation equivalent; "Joint area" is appended to the name of the entity in census publications and related data products.</p> <p>84 Pueblo American Indian reservation; "Pueblo" is appended to the name of the entity in census publications and related data products.</p> <p>85 Rancheria American Indian reservation; "Rancheria" is appended to the name of the entity in census publications and related data products.</p> <p>86 Reservation American Indian reservation; "Reservation" is appended to the name of the entity in census publications and related data products.</p> <p>87 Reserve American Indian reservation; "Reserve" is appended to the name of the entity in census publications and related data products.</p> <p>88 Tribal jurisdiction statistical area American Indian reservation equivalent representing historic tribal areas in Oklahoma; "TJSA" is appended to the name of the entity in census publications and related data products.</p> <p>89 Trust lands American Indian reservation equivalent; no status is appended to the name of the entity in census publications and related data products.</p> <p>90 (none) American Indian reservation; no status is appended to the name of the entity in census publications and related data products.</p>				
Population Count (100 percent) ¹⁰	POP100	9	291	A/N
Special Flag.....	SPFLAG	1	300	A/N

Footnotes

1. A unique identifier for each file series. Dress rehearsal files have a "D" in the character following the last character in the file identification code for the equivalent 1990 decennial census file; for example, PL94171D is the identifier for the dress rehearsal file for the P.L. 94-171 data. File identification code for the P.L. 94-171 file is PL94171. File identification codes for summary tape files are STFnn where nn = file number; for example, STF1A is the identification for Summary Tape File 1A. File identification codes for subject summary tape files are SSTFnn where nn = the number of the subject report. File identification codes for special project files are identified by SPmmm where mmm = a three digit special project number. See How to Use This File for further information.
2. Identifies the geographic level for which the data matrices on the summary tape file have been summarized. The summary level sequence chart describes the hierarchical arrangement of the specified geographic areas with other geographic areas, if any. The summary level must be used in combination with the geographic area codes to identify a specific geographic area (for example, summary level 050 and a specific county code must be used together to locate the data for a particular county). See How to Use This File for further information.
3. Indicates an iteration (repetition), for the specified summary level, of the data matrices on the summary tape file for the geographic components listed in the Geographic Component field. See How To Use This File for further information.
4. Indicates an iteration (repetition), for the specified summary level, of the data matrices on the summary tape file for a population or housing characteristic. Only matrices containing a "B" in the prefix have characteristic iterations. See How to Use This File for further information.
5. The logical record is the complete record [identification and set of tables (matrices)] for a geographic entity defined by the summary level, but exclusive of the characteristic iteration. A logical record may have one or more parts (or segments). Each logical record has an assigned sequential integer number within the file. See How to Use This File for further information.
6. Within the logical record, each part is identified uniquely in terms of its sequence. See How to Use This File for further information.
7. This field identifies how many parts (or segments) comprise the entire logical record. See How to Use This File for further information.
8. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.

IDENTIFICATION SECTION—Con.

9. See the publication, *Geographic Identification Code Scheme*, for codes in this field and related terminology if it is applicable to this file. See Appendix A, *Area Classifications*, for definition of this field if it is applicable to this file.
10. See the publication, *Geographic Identification Code Scheme*, for FIPS 55 codes in this field and related terminology if it is applicable to this file. See Appendix A, *Area Classifications*, for definition of this field if it is applicable to this file.
11. Codes in unspecified arrangement for Census Bureau use.
12. Land area measurement in thousandths (.001) of a square kilometer. The accuracy of the area measurement is limited by the inaccuracy inherent in 1) the mapping of the various boundary features in the TIGER File and 2) rounding affecting the last digit in all operations that compute and/or sum the area measurements. Land area includes intermittent water and glaciers, which appear on census maps and in the TIGER File as hydrographic features. An area of .0005 square kilometer is rounded to .001; an area smaller than .0005 is rounded to .000. The decimal point is implied on the file. Square miles can be derived by dividing square kilometers by 2.59. See Appendix A, *Area Classifications*, for definition of this field if it is applicable to this file.
13. Water area measurement in thousandths (.001) of a square kilometer. Water area is excluded from census blocks by definition, so the water area for a block always will be zero. The accuracy of the area measurement is limited by the inaccuracy inherent in 1) the mapping of the various boundary features in the TIGER File and 2) rounding affecting the last digit in all operations that compute and/or sum the area measurements. Water area excludes intermittent water and glaciers, which are treated as land even though they appear on census maps and in the TIGER File as hydrographic features. An area of .0005 square kilometer is rounded to .001; an area smaller than .0005 is rounded to .000. The decimal point is implied on the file. Square miles can be derived by dividing square kilometers by 2.59. See Appendix A, *Area Classifications*, for definition of this field if it is applicable to this file.
14. Name of the lowest-level entity represented by the summary level. In addition to the name of the entity, the name field contains the political/statistical area description (PSAD) when appropriate, and sometimes contains the State abbreviation.

For legal entities, the name is the one reported to the Bureau of the Census in the Boundary and Annexation Survey and by other appropriate sources; for statistical entities, the name is determined by the Office of Management and Budget for metropolitan areas and, for other areas, the name is determined by the Bureau of the Census, usually in cooperation with local officials.

When the summary level represents only part of the area specified in the name, the name usually will have "(pt.)" appended to the name/code terminology to designate that this entry for the entity represents only a part of the total entity.
15. The total number of housing units enumerated in the specified summary level as determined in the 100-percent processing.
16. Latitude in degrees, to six decimal places, of a point within the geographic area represented by the summary level. The decimal point is implied on the file. The character immediately preceding the first digit of the latitude of an internal point identifies the direction (hemisphere): a plus sign (+) indicates the Northern Hemisphere; a minus sign (-) indicates the Southern Hemisphere. See Appendix A, *Area Classifications*, for definition of this field if it is applicable to this file.
17. Longitude in degrees, to six decimal places, of a point within the geographic area represented by the summary level. The decimal point is implied on the file. The character immediately preceding the first digit of the longitude of an internal point identifies the direction (hemisphere): a plus sign (+) indicates the Eastern Hemisphere; a minus sign (-) indicates the Western Hemisphere. A point on the 180th meridian is assigned to the Western Hemisphere (-180000000). See Appendix A, *Area Classifications*, for definition of this field if it is applicable to this file.
18. The total number of persons enumerated in the specified summary level as determined in the 100-percent processing.

TABLE (MATRIX) SECTION

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024] <i>Universe: Civilian labor force</i>			
	Legislators (001-003):			
	Male.....	301.....	301.....	1,1
	Female.....	310.....	310.....	1,2
	Chief executives and general administrators, public administration (004):			
	(Repeat SEX).....	319.....	319.....	2,1
	Administrators and officials, public administration (005):			
	(Repeat SEX).....	337.....	337.....	3,1
	Administrators, protective services (006):			
	(Repeat SEX).....	355.....	355.....	4,1
	Financial managers (007):			
	(Repeat SEX).....	373.....	373.....	5,1
	Personnel and labor relations managers (008):			
	(Repeat SEX).....	391.....	391.....	6,1
	Purchasing managers (009-012):			
	(Repeat SEX).....	409.....	409.....	7,1
	Managers, marketing, advertising, and public relations (013):			
	(Repeat SEX).....	427.....	427.....	8,1
	Administrators, education and related fields (014):			
	(Repeat SEX).....	445.....	445.....	9,1
	Managers, medicine and health (015):			
	(Repeat SEX).....	463.....	463.....	10,1
	Postmasters and mail superintendents (016):			
	(Repeat SEX).....	481.....	481.....	11,1
	Managers, food serving and lodging establishments (017):			
	(Repeat SEX).....	499.....	499.....	12,1
	Managers, properties and real estate (018):			
	(Repeat SEX).....	517.....	517.....	13,1
	Funeral directors (019-020):			
	(Repeat SEX).....	535.....	535.....	14,1
	Managers, service organizations, n.e.c. (021):			
	(Repeat SEX).....	553.....	553.....	15,1
	Managers and administrators, n.e.c., salaried (022) (Class of worker codes 1-5, 7, 9): ¹			
	(Repeat SEX).....	571.....	571.....	16,1
	Managers and administrators, n.e.c., self-employed (022) (Class of worker codes 6, 8): ¹			
	(Repeat SEX).....	589.....	589.....	17,1
	Accountants and auditors (023):			
	(Repeat SEX).....	607.....	607.....	18,1
	Underwriters (024):			
	(Repeat SEX).....	625.....	625.....	19,1
	Other financial officers (025):			
	(Repeat SEX).....	643.....	643.....	20,1
	Management analysts (026):			
	(Repeat SEX).....	661.....	661.....	21,1
	Personnel, training, and labor relations specialists (027):			
	(Repeat SEX).....	679.....	679.....	22,1
	Purchasing agents and buyers, farm products (028):			
	(Repeat SEX).....	697.....	697.....	23,1
	Buyers, wholesale and retail trade, except farm products (029-032):			
	(Repeat SEX).....	715.....	715.....	24,1
	Purchasing agents and buyers, n.e.c. (033):			
	(Repeat SEX).....	733.....	733.....	25,1

¹See How to Use this File chapter for class of worker code definitions.

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024]—Con.			
	Business and promotion agents (034):			
	(Repeat SEX)	751	751	26,1
	Construction inspectors (035):			
	(Repeat SEX)	769	769	27,1
	Inspectors and compliance officers, except construction (036):			
	(Repeat SEX)	787	787	28,1
	Management related occupations, n.e.c. (037-042):			
	(Repeat SEX)	805	805	29,1
	Architects (043):			
	(Repeat SEX)	823	823	30,1
	Aerospace (044):			
	(Repeat SEX)	841	841	31,1
	Metallurgical and materials (045):			
	(Repeat SEX)	859	859	32,1
	Mining (046):			
	(Repeat SEX)	877	877	33,1
	Petroleum (047):			
	(Repeat SEX)	895	895	34,1
	Chemical (048):			
	(Repeat SEX)	913	913	35,1
	Nuclear (049-052):			
	(Repeat SEX)	931	931	36,1
	Civil (053):			
	(Repeat SEX)	949	949	37,1
	Agricultural (054):			
	(Repeat SEX)	967	967	38,1
	Electrical and electronic (055):			
	(Repeat SEX)	985	985	39,1
	Industrial (056):			
	(Repeat SEX)	1003	1003	40,1
	Mechanical (057):			
	(Repeat SEX)	1021	1021	41,1
	Marine and naval architects (058):			
	(Repeat SEX)	1039	1039	42,1
	Engineers, n.e.c. (059-062):			
	(Repeat SEX)	1057	1057	43,1
	Surveyors and mapping scientists (063):			
	(Repeat SEX)	1075	1075	44,1
	Computer systems analysts and scientists (064):			
	(Repeat SEX)	1093	1093	45,1
	Operations and systems researchers and analysts (065):			
	(Repeat SEX)	1111	1111	46,1
	Actuaries (066):			
	(Repeat SEX)	1129	1129	47,1
	Statisticians (067):			
	(Repeat SEX)	1147	1147	48,1
	Mathematical scientists, n.e.c. (068):			
	(Repeat SEX)	1165	1165	49,1
	Physicists and astronomers (069-072):			
	(Repeat SEX)	1183	1183	50,1
	Chemists, except biochemists (073):			
	(Repeat SEX)	1201	1201	51,1
	Atmospheric and space scientists (074):			
	(Repeat SEX)	1219	1219	52,1
	Geologists and geodesists (075):			
	(Repeat SEX)	1237	1237	53,1
	Physical scientists, n.e.c. (076):			
	(Repeat SEX)	1255	1255	54,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024]—Con.			
	Agricultural and food scientists (077):			
	(Repeat SEX).....	1273	1273.....	55,1
	Biological and life scientists (078):			
	(Repeat SEX).....	1291	1291.....	56,1
	Forestry and conservation scientists (079-082):			
	(Repeat SEX).....	1309	1309.....	57,1
	Medical scientists (083):			
	(Repeat SEX).....	1327	1327.....	58,1
	Physicians (084):			
	(Repeat SEX).....	1345	1345.....	59,1
	Dentists (085):			
	(Repeat SEX).....	1363	1363.....	60,1
	Veterinarians (086):			
	(Repeat SEX).....	1381	1381.....	61,1
	Optometrists (087):			
	(Repeat SEX).....	1399	1399.....	62,1
	Podiatrists (088):			
	(Repeat SEX).....	1417	1417.....	63,1
	Health diagnosing practitioners, n.e.c. (089-094):			
	(Repeat SEX).....	1435	1435.....	64,1
	Registered nurses (095):			
	(Repeat SEX).....	1453	1453.....	65,1
	Pharmacists (096):			
	(Repeat SEX).....	1471	1471.....	66,1
	Dietitians (097):			
	(Repeat SEX).....	1489	1489.....	67,1
	Respiratory therapists (098):			
	(Repeat SEX).....	1507	1507.....	68,1
	Occupational therapists (099-102):			
	(Repeat SEX).....	1525	1525.....	69,1
	Physical therapists (103):			
	(Repeat SEX).....	1543	1543.....	70,1
	Speech therapists (104):			
	(Repeat SEX).....	1561	1561.....	71,1
	Therapists, n.e.c. (105):			
	(Repeat SEX).....	1579	1579.....	72,1
	Physicians' assistants (106-112):			
	(Repeat SEX).....	1597	1597.....	73,1
	Earth, environmental, and marine science teachers (113):			
	(Repeat SEX).....	1615	1615.....	74,1
	Biological science teachers (114):			
	(Repeat SEX).....	1633	1633.....	75,1
	Chemistry teachers (115):			
	(Repeat SEX).....	1651	1651.....	76,1
	Physics teachers (116):			
	(Repeat SEX).....	1669	1669.....	77,1
	Natural science teachers, n.e.c. (117):			
	(Repeat SEX).....	1687	1687.....	78,1
	Psychology teachers (118):			
	(Repeat SEX).....	1705	1705.....	79,1
	Economics teachers (119-122):			
	(Repeat SEX).....	1723	1723.....	80,1
	History teachers (123):			
	(Repeat SEX).....	1741	1741.....	81,1
	Political science teachers (124):			
	(Repeat SEX).....	1759	1759.....	82,1
	Sociology teachers (125):			
	(Repeat SEX).....	1777	1777.....	83,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024]—Con.			
	Social science teachers, n.e.c. (126):			
	(Repeat SEX)	1795.....	1795	84,1
	Engineering teachers (127):			
	(Repeat SEX)	1813.....	1813	85,1
	Mathematical science teachers (128):			
	(Repeat SEX)	1831.....	1831	86,1
	Computer science teachers (129-132):			
	(Repeat SEX)	1849.....	1849	87,1
	Medical science teachers (133):			
	(Repeat SEX)	1867.....	1867	88,1
	Health specialties teachers (134):			
	(Repeat SEX)	1885.....	1885	89,1
	Business, commerce, and marketing teachers (135):			
	(Repeat SEX)	1903.....	1903	90,1
	Agriculture and forestry teachers (136):			
	(Repeat SEX)	1921.....	1921	91,1
	Art, drama, and music teachers (137):			
	(Repeat SEX)	1939.....	1939	92,1
	Physical education teachers (138):			
	(Repeat SEX)	1957.....	1957	93,1
	Education teachers (139-142):			
	(Repeat SEX)	1975.....	1975	94,1
	English teachers (143):			
	(Repeat SEX)	1993.....	1993	95,1
	Foreign language teachers (144):			
	(Repeat SEX)	2011.....	2011	96,1
	Law teachers (145):			
	(Repeat SEX)	2029.....	2029	97,1
	Social work teachers (146):			
	(Repeat SEX)	2047.....	2047	98,1
	Theology teachers (147):			
	(Repeat SEX)	2065.....	2065	99,1
	Trade and industrial teachers (148):			
	(Repeat SEX)	2083.....	2083	100,1
	Home economics teachers (149-152):			
	(Repeat SEX)	2101.....	2101	101,1
	Teachers, postsecondary, n.e.c. (153):			
	(Repeat SEX)	2119.....	2119	102,1
	Postsecondary teachers, subject not specified (154):			
	(Repeat SEX)	2137.....	2137	103,1
	Teachers, prekindergarten and kindergarten (155):			
	(Repeat SEX)	2155.....	2155	104,1
	Teachers, elementary school (156):			
	(Repeat SEX)	2173.....	2173	105,1
	Teachers, secondary school (157):			
	(Repeat SEX)	2191.....	2191	106,1
	Teachers, special education (158):			
	(Repeat SEX)	2209.....	2209	107,1
	Teachers, n.e.c. (159-162):			
	(Repeat SEX)	2227.....	2227	108,1
	Counselors, educational and vocational (163):			
	(Repeat SEX)	2245.....	2245	109,1
	Librarians (164):			
	(Repeat SEX)	2263.....	2263	110,1
	Archivists and curators (165):			
	(Repeat SEX)	2281.....	2281	111,1
	Economists (166):			
	(Repeat SEX)	2299.....	2299	112,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024]—Con.			
	Psychologists (167):			
	(Repeat SEX).....	2317	2317.....	113,1
	Sociologists (168):			
	(Repeat SEX).....	2335	2335.....	114,1
	Social scientists, n.e.c. (169-172):			
	(Repeat SEX).....	2353	2353.....	115,1
	Urban planners (173):			
	(Repeat SEX).....	2371	2371.....	116,1
	Social workers (174):			
	(Repeat SEX).....	2389	2389.....	117,1
	Recreation workers (175):			
	(Repeat SEX).....	2407	2407.....	118,1
	Clergy (176):			
	(Repeat SEX).....	2425	2425.....	119,1
	Religious workers, n.e.c. (177):			
	(Repeat SEX).....	2443	2443.....	120,1
	Lawyers (178):			
	(Repeat SEX).....	2461	2461.....	121,1
	Judges (179-182):			
	(Repeat SEX).....	2479	2479.....	122,1
	Authors (183):			
	(Repeat SEX).....	2497	2497.....	123,1
	Technical writers (184):			
	(Repeat SEX).....	2515	2515.....	124,1
	Designers (185):			
	(Repeat SEX).....	2533	2533.....	125,1
	Musicians and composers (186):			
	(Repeat SEX).....	2551	2551.....	126,1
	Actors and directors (187):			
	(Repeat SEX).....	2569	2569.....	127,1
	Painters, sculptors, craft-artists, and artist printmakers (188):			
	(Repeat SEX).....	2587	2587.....	128,1
	Photographers (189-192):			
	(Repeat SEX).....	2605	2605.....	129,1
	Dancers (193):			
	(Repeat SEX).....	2623	2623.....	130,1
	Artists, performers, and related workers, n.e.c. (194):			
	(Repeat SEX).....	2641	2641.....	131,1
	Editors and reporters (195-196):			
	(Repeat SEX).....	2659	2659.....	132,1
	Public relations specialists (197):			
	(Repeat SEX).....	2677	2677.....	133,1
	Announcers (198):			
	(Repeat SEX).....	2695	2695.....	134,1
	Athletes (199-202):			
	(Repeat SEX).....	2713	2713.....	135,1
	Clinical laboratory technologists and technicians (203):			
	(Repeat SEX).....	2731	2731.....	136,1
	Dental hygienists (204):			
	(Repeat SEX).....	2749	2749.....	137,1
	Health record technologists and technicians (205):			
	(Repeat SEX).....	2767	2767.....	138,1
	Radiologic technicians (206):			
	(Repeat SEX).....	2785	2785.....	139,1
	Licensed practical nurses (207):			
	(Repeat SEX).....	2803	2803.....	140,1
	Health technologists and technicians, n.e.c. (208-212):			
	(Repeat SEX).....	2821	2821.....	141,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024]—Con.			
	Electrical and electronic technicians (213):			
	(Repeat SEX)	2839.....	2839	142,1
	Industrial engineering technicians (214):			
	(Repeat SEX)	2857.....	2857	143,1
	Mechanical engineering technicians (215):			
	(Repeat SEX)	2875.....	2875	144,1
	Engineering technicians, n.e.c. (216):			
	(Repeat SEX)	2893.....	2893	145,1
	Drafting occupations (217):			
	(Repeat SEX)	2911.....	2911	146,1
	Surveying and mapping technicians (218-222):			
	(Repeat SEX)	2929.....	2929	147,1
	Biological technicians (223):			
	(Repeat SEX)	2947.....	2947	148,1
	Chemical technicians (224):			
	(Repeat SEX)	2965.....	2965	149,1
	Science technicians, n.e.c. (225):			
	(Repeat SEX)	2983.....	2983	150,1
	Airplane pilots and navigators (226):			
	(Repeat SEX)	3001.....	3001	151,1
	Air traffic controllers (227):			
	(Repeat SEX)	3019.....	3019	152,1
	Broadcast equipment operators (228):			
	(Repeat SEX)	3037.....	3037	153,1
	Computer programmers (229-232):			
	(Repeat SEX)	3055.....	3055	154,1
	Tool programmers, numerical control (233):			
	(Repeat SEX)	3073.....	3073	155,1
	Legal assistants (234):			
	(Repeat SEX)	3091.....	3091	156,1
	Technicians, n.e.c. (235-242):			
	(Repeat SEX)	3109.....	3109	157,1
	Supervisors and proprietors, sales occupations, salaried (243-252)			
	(Class of worker codes 1-5, 7, 9): ¹			
	(Repeat SEX)	3127.....	3127	158,1
	Supervisors and proprietors, sales occupations, self employed			
	(243-252) (Class of worker codes 6, 8): ¹			
	(Repeat SEX)	3145.....	3145	159,1
	Insurance sales occupations (253):			
	(Repeat SEX)	3163.....	3163	160,1
	Real estate sales occupations (254):			
	(Repeat SEX)	3181.....	3181	161,1
	Securities and financial services sales occupations (255):			
	(Repeat SEX)	3199.....	3199	162,1
	Advertising and related sales occupations (256):			
	(Repeat SEX)	3217.....	3217	163,1
	Sales occupations, other business services (257):			
	(Repeat SEX)	3235.....	3235	164,1
	Sales engineers (258):			
	(Repeat SEX)	3253.....	3253	165,1
	Sales representatives, mining, manufacturing, and wholesale			
	(259-262):			
	(Repeat SEX)	3271.....	3271	166,1
	Sales workers, motor vehicles and boats (263):			
	(Repeat SEX)	3289.....	3289	167,1
	Sales workers, apparel (264):			
	(Repeat SEX)	3307.....	3307	168,1

¹See How to Use this File chapter for class of worker code definitions.

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024]—Con.			
	Sales workers, shoes (265):			
	(Repeat SEX).....	3325	3325.....	169,1
	Sales workers, furniture and home furnishings (266):			
	(Repeat SEX).....	3343	3343.....	170,1
	Sales workers, radio, TV, hi-fi, and appliances (267):			
	(Repeat SEX).....	3361	3361.....	171,1
	Sales workers, hardware and building supplies (268):			
	(Repeat SEX).....	3379	3379.....	172,1
	Sales workers, parts (269-273):			
	(Repeat SEX).....	3397	3397.....	173,1
	Sales workers, other commodities (274):			
	(Repeat SEX).....	3415	3415.....	174,1
	Sales counter clerks (275):			
	(Repeat SEX).....	3433	3433.....	175,1
	Cashiers (276):			
	(Repeat SEX).....	3451	3451.....	176,1
	Street and door-to-door sales workers (277):			
	(Repeat SEX).....	3469	3469.....	177,1
	News vendors (278-282):			
	(Repeat SEX).....	3487	3487.....	178,1
	Demonstrators, promoters and models, sales (283):			
	(Repeat SEX).....	3505	3505.....	179,1
	Auctioneers (284):			
	(Repeat SEX).....	3523	3523.....	180,1
	Sales support occupations, n.e.c. (285-302):			
	(Repeat SEX).....	3541	3541.....	181,1
	Supervisors, general office (303):			
	(Repeat SEX).....	3559	3559.....	182,1
	Supervisors, computer equipment operators (304):			
	(Repeat SEX).....	3577	3577.....	183,1
	Supervisors, financial records processing (305):			
	(Repeat SEX).....	3595	3595.....	184,1
	Chief communications operators (306):			
	(Repeat SEX).....	3613	3613.....	185,1
	Supervisors, distribution, scheduling, and adjusting clerks (307):			
	(Repeat SEX).....	3631	3631.....	186,1
	Computer operators (308):			
	(Repeat SEX).....	3649	3649.....	187,1
	Peripheral equipment operators (309-312):			
	(Repeat SEX).....	3667	3667.....	188,1
	Secretaries (313):			
	(Repeat SEX).....	3685	3685.....	189,1
	Stenographers (314):			
	(Repeat SEX).....	3703	3703.....	190,1
	Typists (315):			
	(Repeat SEX).....	3721	3721.....	191,1
	Interviewers (316):			
	(Repeat SEX).....	3739	3739.....	192,1
	Hotel clerks (317):			
	(Repeat SEX).....	3757	3757.....	193,1
	Transportation ticket and reservation agents (318):			
	(Repeat SEX).....	3775	3775.....	194,1
	Receptionists (319-322):			
	(Repeat SEX).....	3793	3793.....	195,1
	Information clerks, n.e.c. (323-324):			
	(Repeat SEX).....	3811	3811.....	196,1
	Classified-ad clerks (325):			
	(Repeat SEX).....	3829	3829.....	197,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	DETAILED OCCUPATION(512) BY SEX(2) [1024]—Con.			
	Correspondence clerks (326):			
	(Repeat SEX)	3847	3847	198,1
	Order clerks (327):			
	(Repeat SEX)	3865	3865	199,1
	Personnel clerks, except payroll and timekeeping (328):			
	(Repeat SEX)	3883	3883	200,1
	Library clerks (329-334):			
	(Repeat SEX)	3901	3901	201,1
	File clerks (335):			
	(Repeat SEX)	3919	3919	202,1
	Records clerks (336):			
	(Repeat SEX)	3937	3937	203,1
	Bookkeepers, accounting, and auditing clerks (337):			
	(Repeat SEX)	3955	3955	204,1
	Payroll and timekeeping clerks (338):			
	(Repeat SEX)	3973	3973	205,1
	Billing clerks (339-342):			
	(Repeat SEX)	3991	3991	206,1
	Cost and rate clerks (343):			
	(Repeat SEX)	4009	4009	207,1
	Billing, posting, and calculating machine operators (344):			
	(Repeat SEX)	4027	4027	208,1
	Duplicating machine operators (345):			
	(Repeat SEX)	4045	4045	209,1
	Mail preparing and paper handling machine operators (346):			
	(Repeat SEX)	4063	4063	210,1
	Office machine operators, n.e.c. (347):			
	(Repeat SEX)	4081	4081	211,1
	Telephone operators (348-352):			
	(Repeat SEX)	4099	4099	212,1
	Communications equipment operators, n.e.c. (353):			
	(Repeat SEX)	4117	4117	213,1
	Postal clerks, except mail carriers (354):			
	(Repeat SEX)	4135	4135	214,1
	Mail carriers, postal service (355):			
	(Repeat SEX)	4153	4153	215,1
	Mail clerks, except postal service (356):			
	(Repeat SEX)	4171	4171	216,1
	Messengers (357-358):			
	(Repeat SEX)	4189	4189	217,1
	Dispatchers (359-362):			
	(Repeat SEX)	4207	4207	218,1
	Production coordinators (363):			
	(Repeat SEX)	4225	4225	219,1
	Traffic, shipping, and receiving clerks (364):			
	(Repeat SEX)	4243	4243	220,1
	Stock and inventory clerks (365):			
	(Repeat SEX)	4261	4261	221,1
	Meter readers (366-367):			
	(Repeat SEX)	4279	4279	222,1
	Weighers, measurers, checkers, and samplers (368-372):			
	(Repeat SEX)	4297	4297	223,1
	Expeditors (373):			
	(Repeat SEX)	4315	4315	224,1
	Material recording, scheduling, and distributing clerks, n.e.c. (374):			
	(Repeat SEX)	4333	4333	225,1
	Insurance adjusters, examiners, and investigators (375):			
	(Repeat SEX)	4351	4351	226,1