1980 Census of Population and Housing Occupation by Industry. Technical Documentation

D1-D80-OCIN-4-TECH

Note: This technical documentation was issued at same time as the corresponding data file and does not necessarily reflect changes to the data file that may have been made later. We offer it as a service to our customers who have purchased the file, but we do not in general offer technical support for past data files. Note that although the documentation may refer to data on tape, the U.S. Census Bureau no longer releases data on magnetic tape; customers purchasing files previously released on tape will receive the file in ASCII on CD-ROM. For information about this and other technical documentation, please contact the Customer Services Center at 301-763-INFO (4636).

Additionally, Census Bureau organization, telephone numbers, and staff cited in this technical documentation are not current. For updated information, see our Telephone Contacts site at <http://www.census.gov/contacts/www/contacts.html> or Staff Search at <http://www.census.gov/cgi-bin/main/email.cgi>.

U.S. Census Bureau
Marketing Services Office

USCENSUSBUREAU
Helping You Make Informed Decisions • 1902-2002

U.S. Department of Commerce
Economic and Statistics Administration
U.S. Census Bureau

CENSUS OF POPULATION, 1980:

OCCUPATION BY INDUSTRY

TECHNICAL DOCUMENTATION

This documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Table-Matrix Segmentation
Attachment 3	Record Description
Attachment 4	Industry/Industry Group Code Lists

NOTE

Questions about the documentation should be directed to Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2074.

Questions about the tape should be directed to Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4100.

Questions about the subject matter should be directed to Population Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-5144.

Attachment 1

Abstract

Census of Population, 1980: Occupation By Industry [machine-readable data file] prepared by the Bureau of the Census. --Washington: The Bureau [producer and distributor], 1985.

TYPE OF FILE:

Summary statistics.

UNIVERSE DESCRIPTION:

All employed persons 16 years old and over in the United States. [Exception: Table-Matrix 3-1 which is the "experienced unemployed."]

SUBJECT-MATTER DESCRIPTION:

These special subject summary tape files provide sample data on detailed occupation cross-classified by detailed industry for employed persons. Arranged in nine (9) table-matrices, each matrix is repeated for specific industries or industry groups.

Table-Matrix Number	Table-Matrix Title	Number of data items
1-1.*	Race (3) By Sex (2) By Occupation (134)	804
1-2.*	Sex (2) By Occupation (134)	268
1-3.*	Age (6) By Sex (2) By Occupation (134)	1,608
1-4.*	Years Of School Completed (3) By Sex (2) By Occupation (134)	804
1-5.*	Class Of Worker (2) By Sex (2) By Occupation (134)	536
2-1.*	Aggregate Earnings In 1979 By Race (3) By Sex (2) By Occupation (134)	804
2-2.*	Aggregate Earnings In 1979 By Sex (2) By Occupation (134)	268
3-1.**	Sex (2) By Occupation (135)	270
4-1.***	Sex (2) By Occupation And Class Of Worker (447)	894

*Repeated 54 times, once for the first 54 industry/industry groups in list 1.
**Repeated 55 times, once for each industry/industry group in list 1.
***Repeated 234 times, once for each industry/industry group in list 2.

GEOGRAPHIC COVERAGE:

The data are contained on two files: one for high level geography (U.S., regions, and divisions) and one for low level geography (States).

TECHNICAL DESCRIPTION:

FILE STRUCTURE:

Rectangular. For both files, each table-matrix is divided into segments (physical records of 2,046 characters each. The first segment of each matrix begins with 252 characters of geography. Remaining segments begin with 102 characters of geography. Each segment is completed with as many 9 or 15 character fields as fit entirely in the segment.

FILE SIZE:

High level geography (U.S., regions, divisions) - 41,356 physical records.

Low level geography (States) - 150,654 physical records.

FILE SORT SEQUENCE:

High-level file--All segments for each matrix are presented for the U.S. total, then regions and divisions.

Low-level file--All segments for each matrix are presented for each State in Census State (geographic) Code order.

RELATED PRINTED REPORT:

PC80-2 Subject Report 7C "Occupation by Industry." $14. S/N 003-024-05866-8. This report presents sample data on detailed occupation cross-tabulated by detailed industry for employed persons. Less detailed occupation by industry tables show data by race and Spanish origin, median age, educational attainment, percent self-employed, and mean earnings. The report also shows the last industry of experienced unemployed persons by their last occupation. The report is available from the Superintendent of documents, U.S. Government Printing Office, Washington, D.C. 20402, (202) 783-3238.

REFERENCE MATERIALS:

U.S. Bureau of the Census. "Census of Population, 1980: Occupation By Industry Technical Documentation." The documentation contains an abstract, record description, and industry code lists. One copy accompanies each file order. If ordered separately, it is available for $5 from Data User Services Division, Customer Services (Tapes), U.S. Bureau of the Census, Washington, D.C. 20233, (301) 763-4100.

FILE AVAILABILITY:

These files may be ordered from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233 for $140 a

reel. The high level (U.S., regions, and divisions) file is available on 3 reels of tape at 1600 bpi and 1 reel at 6250 bpi. The low level (States) file is available on 4 reels of tape at 1600 bpi and 2 reels at 6250 bpi.

Customer Services (Microfiche and Data Files)

Name

Organization

Address

City, State, ZIP

Telephone

RETURN TO:
Data User Services Division
Customer Services
Bureau of the Census
Washington, D.C. 20233
Phone: 301/763-4100

Date

CHECK ONE
☐ Enclosed is check or money order, payable to "Commerce-Census"
☐ Charge to Census Bureau Deposit Account No.
$ ____

Name of Data File, Documentation* or Microfiche	Order No.	No. of Tapes	No. of Microfiche	No. of Document copied	Cost
*One copy of the Technical Documentation is sent at no extra charge with orders.				TOTAL $	

Characteristics of Tape (Check One):

☐ 9 track, 1600 bpi, EBCDIC
☐ 9 track, 6250 bpi, EBCDIC
☐ 9 track, 1600 bpi, ASCII
☐ 9 track, 6250 bpi, ASCII

Labeling (Check One):

☐ Standard
☐ Unlabeled

Maximum block size (if less than 32K bytes)? _____

GPO Order Form (Publications)

Mail To: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

Name

Organization

Address

City, State, ZIP

Credit Card Orders
Total charges $_____ Fill in the boxes below
Credit Card No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐
Expiration Date Month/Year ☐☐☐☐
MasterCard and VISA accepted.

GPO Catalog No. or Stock No.	Quantity Desired	Title of Publication	Amount

Date

CUSTOMER:
Make check or money order payable to Superintendent of Documents.
If to be charged to Supt. of Docs. account, indicate Deposit Account No.
_____

TOTAL $

Attachment 2

Table-Matrix Segmentation

Matrix 1-1 (9 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	199/1791	3	2046
2-3	102	216/1944	0	2046
4	102	173/1557	387	2046

Matrix 1-2 (9 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	199/1791	3	2046
2	102	69/621	1323	2046

Matrix 1-3 (9 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	199/1791	3	2046
2-7	102	216/1944	0	2046
8	102	113/1017	927	2046

Matrix 1-4 (9 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	199/1791	3	2046
2-3	102	216/1944	0	2046
4	102	173/1557	387	2046

Matrix 1-5 (9 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	199/1791	3	2046
2	102	216/1944	0	2046
3	102	121/1089	855	2046

Matrix 2-1* (15 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	119/1785	9	2046
2-6	102	129/1935	9	2046
7	102	40/600	1344	2046

Matrix 2.2* (15 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	119/1785	9	2046
2	102	129/1935	9	2046
3	102	20/300	1644	2046

Matrix 3-1 (9 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	199/1791	3	2046
2	102	71/639	1305	2046

Matrix 4-1 (9 characters per data cell)

Segment No.	Geography (# characters)	Cells/Characters	Padding	Total
1	252	199/1791	3	2046
2-4	102	216/1944	0	2046
5	102	47/423	1521	2046

*Note: Negative numbers may appear in matrices 2-1 and 2-2. They will have a "-" in the leftmost position of the field, followed by leading zeros (as needed).

Additional note: Refer to Attachment 3, "Record Description" for data items and table outlines.

Attachment 3

Record Description

Note: The following 252 characters of geographic information begin the first segment of each table matrix. The remaining segments of each matrix begin with the first 102 characters described below. Table outlines for each of the nine (9) matrices follow the geographic section description.

Name	Size/ Scale	Begin	Characters	Description
FILEID	5	1	1-5	File Identification STF02 - High level file STF03 - Low level file
TABLE	4	6	6-9	Table-Matrix Number Codes 0101 through 0401
SUMRYLVL	2	10	10-11	Summary Level 01 - U.S. 02 - Region 03 - Division 04 - State
FILLER1	6	12	12-17	Filler
SUBGROUP	3	18	18-20	Matrix Subgroup Code (Industry/Industry Group Lists) Codes 001-054 (List 1) for table-matrices 1-1 through 2.2. Codes 001-055 (List 1) for table-matrix 3-1. Codes 001-234 (List 2) for table matrix 4-1.
FILLER2	10	21	21-30	Filler
REGION	1	31	31	Census Region 1 - Northeast 2 - Midwest (formerly North Central) 3 - South 4 - West
DIVISION	1	32	32	Census Division 1 - New England 2 - Middle Atlantic 3 - East North Central 4 - West North Central 5 - South Atlantic 6 - East South Central 7 - West South Central 8 - Mountain 9 - Pacific

Name	Size/ Scale	Begin	Characters	Description
STATEGEO	2	32	32-33	Census Geographic State Code For SUMRYLVL = 04 only
STATE	2	34	34-35	FIPS State Code For SUMRYLVL = 04 only
FILLER3	64	36	36-96	Filler
SEQID	6	97	97-102*	Record Segment Sequence Identification Codes 001001 through 009005
FILLER4	18	103	103-120	Filler
SFAR	2	121	121-122	Standard Federal Administration Region For SUMRYLVL = 04 only
FILLER5	22	123	123-144	Filler
AREANAME	60	145	145-205	Geographic Area Name (left-justified)
FILLER6	46	206	206-252	Filler

- -

Note: Table outlines of the nine (9) matrices are presented on the following pages.

*This field completes the first 102 characters of geography that begins each segment of each table-matrix. Characters 103-252 are contained only on the first segment of each table-matrix.

Occupation By Industry

Table of Contents

Table-Matrix Number	Table-Matrix Title	Number of data items	Number of Chars. per cell
1-1.*	Race (3) By Sex (2) By Occupation (134)	804	9
1-2.*	Sex (2) By Occupation (134)	268	9
1-3.*	Age (6) By Sex (2) By Occupation (134)	1,608	9
1-4.*	Years Of School Completed (3) By Sex (2) By Occupation (134)	804	9
1-5.*	Class Of Worker (2) By Sex (2) By Occupation (134)	536	9
2-1.*	Aggregate Earnings In 1979 By Race (3) By Sex (2) By Occupation (134)	804	15
2-2.*	Aggregate Earnings In 1979 By Sex (2) By Occupation (134)	268	15
3-1.**	Sex (2) By Occupation (135)	270	9
4-1.***	Sex (2) By Occupation And Class Of Worker (447)	894	9

*Repeated 54 times, once for the first 54 industry/industry groups in list 1.
**Repeated 55 times, once for each industry/industry group in list 1.
***Repeated 294 times, once for each industry/industry group in list 2.

Note: Refer to Attachment 2, "Table-Matrix Segmentation" for the organization of record segments.

Tabulations	Number of data items
-1. RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/	804

Universe: Employed Persons 16 Years And Over 2/

Total:
- Male:
  - Managerial and professional specialty occupations:
    - Executive, administrative, and managerial occupations:
      - Officials and administrators, public administration (Codes 3-6)
      - Financial managers (Code 7)
      - Managers, marketing, advertising, and public relations (Code 13)
      - Administrators, education and related fields (Code 14)
      - Managers, medicine and health (Code 15)
      - Other specified managers (Codes 8, 9, 16-18)
      - Managers and administrators, n.e.c (Code 19):
        - Salaried
        - Self-employed
      - Management related occupations:
        - Accountants and auditors (Code 23)
        - Personnel, training, and labor relations specialists (Code 27)
        - Buyers and purchasing agents (Codes 28-33)
        - Inspectors and compliance officers (Codes 35, 36)
        - Other management related occupations (Codes 24-26, 34, 37)
    - Professional specialty occupations:
      - Engineers, architects, and surveyors:
        - Architects (Code 43)
        - Engineers:
          - Civil engineers (Code 53)
          - Electrical and electronic engineers (Code 55)
          - Industrial engineers (Code 56)
          - Mechanical engineers (Code 57)
          - Other engineers (Codes 44-49, 54, 58, 59)
        - Surveyors and mapping scientists (Code 63)
      - Computer systems analysts and scientists (Code 64)
      - Operations and systems researchers and analysts (Code 65)
      - Mathematical scientists (Codes 66-68)

Tabulations	Number of data items
1-1. RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
1-1. RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling, and distributing clerks (Codes 359, 366-369, 374)	

Tabulations	Number of data items
1-1. RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
-1. RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and wood-working machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	
Hand working occupations (Codes 786-795)	

Tabulations	Number of data items
I-1. RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Production inspectors, testers, samplers, and weighers:	
Graders and sorters, except agricultural (Code 799)	
Other production inspectors, samplers, and weighers (Codes 796-798)	
Transportation and material moving occupations:	
Transportation occupations:	
Motor vehicle operators:	
Truck drivers (Codes 804, 805)	
Driver-sales workers (Code 806)	
Other motor vehicle operators (Codes 803, 808-814)	
Rail and water transportation occupations (Codes 823-834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Crane, hoist, and winch operators (Codes 848, 849)	
Excavating, grading, and dozer machine operators (Codes 853, 855)	
Other material moving equipment operators (Codes 844, 845, 856, 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors: handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, craft and production (Codes 864-867, 873)	
Construction laborers (Code 869)	
Freight, stock, and material handlers (Codes 875-883)	
Garage and service station occupations, and equipment cleaners (Codes 885, 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Female:	
(Repeat Occupation)	
White:	
(Repeat Sex by Occupation)	
Black:	
(Repeat Sex by Occupation)	

Tabulations	Number of data items
-2. SEX (2) BY OCCUPATION (134) 1/ 5/	268

Universe: Employed Persons Of Spanish Origin
16 Years And Over

Male:
- Managerial and professional specialty occupations:
  - Executive, administrative, and managerial occupations:
    - Officials and administrators, public administration (Codes 3-6)
    - Financial managers (Code 7)
    - Managers, marketing, advertising, and public relations (Code 13)
    - Administrators, education and related fields (Code 14)
    - Managers, medicine and health (Code 15)
    - Other specified managers (Codes 8, 9, 16-18)
    - Managers and administrators, n.e.c (Code 19):
      - Salaried
      - Self-employed
    - Management related occupations:
      - Accountants and auditors (Code 23)
      - Personnel, training, and labor relations specialists (Code 27)
      - Buyers and purchasing agents (Codes 28-33)
      - Inspectors and compliance officers (Codes 35, 36)
      - Other management related occupations (Codes 24-26, 34, 37)
  - Professional specialty occupations:
    - Engineers, architects, and surveyors:
      - Architects (Code 43)
      - Engineers:
        - Civil engineers (Code 53)
        - Electrical and electronic engineers (Code 55)
        - Industrial engineers (Code 56)
        - Mechanical engineers (Code 57)
        - Other engineers (Codes 44-49, 54, 58, 59)
      - Surveyors and mapping scientists (Code 63)
    - Computer systems analysts and scientists (Code 64)
    - Operations and systems researchers and analysts (Code 65)
    - Mathematical scientists (Codes 66-68)

Tabulations	Number of data items
i-2. SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
-2. SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling, and distributing clerks (Codes 359, 366-369, 374)	

Tabulations	Number of data items
2. SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
1-2. SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and wood-working machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	
Hand working occupations (Codes 786-795)	

Tabulations	Number of data items
-2. SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Production inspectors, testers, samplers, and weighers:	
Graders and sorters, except agricultural (Code 799)	
Other production inspectors, samplers, and weighers (Codes 796-798)	
Transportation and material moving occupations:	
Transportation occupations:	
Motor vehicle operators:	
Truck drivers (Codes 804, 805)	
Driver-sales workers (Code 806)	
Other motor vehicle operators (Codes 803, 808-814)	
Rail and water transportation occupations (Codes 823-834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Crane, hoist, and winch operators (Codes 848, 849)	
Excavating, grading, and dozer machine operators (Codes 853, 855)	
Other material moving equipment operators (Codes 844, 845, 856, 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, craft and production (Codes 864-867, 873)	
Construction laborers (Code 869)	
Freight, stock, and material handlers (Codes 875-883)	
Garage and service station occupations, and equipment cleaners (Codes 885, 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Female:	
(Repeat Occupation)	

Tabulations	Number of data items
1-3. AGE (6) BY SEX (2) BY OCCUPATION (134) 1/ 5/	1,608

Universe: Employed Persons 16 Years And Over

Under 25 years:
- Male:
  - Managerial and professional specialty occupations:
    - Executive, administrative, and managerial occupations:
      - Officials and administrators, public administration (Codes 3-6)
      - Financial managers (Code 7)
      - Managers, marketing, advertising, and public relations (Code 13)
      - Administrators, education and related fields (Code 14)
      - Managers, medicine and health (Code 15)
      - Other specified managers (Codes 8, 9, 16-18)
      - Managers and administrators, n.e.c (Code 19):
        - Salaried
        - Self-employed
      - Management related occupations:
        - Accountants and auditors (Code 23)
        - Personnel, training, and labor relations specialists (Code 27)
        - Buyers and purchasing agents (Codes 28-33)
        - Inspectors and compliance officers (Codes 35, 36)
        - Other management related occupations (Codes 24-26, 34, 37)
    - Professional specialty occupations:
      - Engineers, architects, and surveyors:
        - Architects (Code 43)
        - Engineers:
          - Civil engineers (Code 53)
          - Electrical and electronic engineers (Code 55)
          - Industrial engineers (Code 56)
          - Mechanical engineers (Code 57)
          - Other engineers (Codes 44-49, 54, 58, 59)
        - Surveyors and mapping scientists (Code 63)
      - Computer systems analysts and scientists (Code 64)
      - Operations and systems researchers and analysts (Code 65)
    - Mathematical scientists (Codes 66-68)

Tabulations	Number of data items
3. AGE (6) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
3. AGE (6) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling, and distributing clerks (Codes 359, 366-369, 374)	

Tabulations	Number of data items
-3. AGE (6) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
-3. AGE (6) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and wood-working machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	

Tabulations	Number of data items
-3. AGE (6) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Assemblers (Code 785)	
Hand working occupations (Codes 786-795)	
Production inspectors, testers, samplers, and weighers:	
Graders and sorters, except agricultural (Code 799)	
Other production inspectors, samplers, and weighers (Codes 796-798)	
Transportation and material moving occupations:	
Transportation occupations:	
Motor vehicle operators:	
Truck drivers (Codes 804, 805)	
Driver-sales workers (Code 806)	
Other motor vehicle operators (Codes 803, 808-814)	
Rail and water transportation occupations (Codes 823-834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Crane, hoist, and winch operators (Codes 848, 849)	
Excavating, grading, and dozer machine operators (Codes 853, 855)	
Other material moving equipment operators (Codes 844, 845, 856, 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, craft and production (Codes 864-867, 873)	
Construction laborers (Code 869)	
Freight, stock, and material handlers (Codes 875-883)	
Garage and service station occupations, and equipment cleaners (Codes 885, 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Female:	
(Repeat Occupation)	

Tabulations	Number of data items
-3. AGE (6) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
25 to 34 years: (Repeat Sex by Occupation)	
35 to 44 years: (Repeat Sex by Occupation)	
45 to 54 years: (Repeat Sex by Occupation)	
55 to 64 years: (Repeat Sex by Occupation)	
65 years and over: (Repeat Sex by Occupation)	

Tabulations	Number of data items
-4. YEARS OF SCHOOL COMPLETED (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/	804

Universe: Employed Persons 16 Years And Over

High school (4 years) through college (1 to 3 years):
- Male:
  - Managerial and professional specialty occupations:
    - Executive, administrative, and managerial occupations:
      - Officials and administrators, public administration (Codes 3-6)
      - Financial managers (Code 7)
      - Managers, marketing, advertising, and public relations (Code 13)
      - Administrators, education and related fields (Code 14)
      - Managers, medicine and health (Code 15)
      - Other specified managers (Codes 8, 9, 16-18)
      - Managers and administrators, n.e.c (Code 19):
        - Salaried
        - Self-employed
      - Management related occupations:
        - Accountants and auditors (Code 23)
        - Personnel, training, and labor relations specialists (Code 27)
        - Buyers and purchasing agents (Codes 28-33)
        - Inspectors and compliance officers (Codes 35, 36)
        - Other management related occupations (Codes 24-26, 34, 37)
    - Professional specialty occupations:
      - Engineers, architects, and surveyors:
        - Architects (Code 43)
        - Engineers:
          - Civil engineers (Code 53)
          - Electrical and electronic engineers (Code 55)
          - Industrial engineers (Code 56)
          - Mechanical engineers (Code 57)
          - Other engineers (Codes 44-49, 54, 58, 59)
        - Surveyors and mapping scientists (Code 63)
      - Computer systems analysts and scientists (Code 64)
      - Operations and systems researchers and analysts (Code 65)
      - Mathematical scientists (Codes 66-68)

Tabulations	Number of data items
1-4. YEARS OF SCHOOL COMPLETED (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
-4. YEARS OF SCHOOL COMPLETED (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling,	

Tabulations	Number of data items
-4. YEARS OF SCHOOL COMPLETED (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
-4. YEARS OF SCHOOL COMPLETED (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and wood-working machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	

Tabulations	Number of data items
-4. YEARS OF SCHOOL COMPLETED (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	804

Production inspectors, testers, samplers, and weighers:
Graders and sorters, except agricultural (Code 799)
Other production inspectors, samplers, and weighers (Codes 796-798)
Transportation and material moving occupations:
Transportation occupations:
Motor vehicle operators:
Truck drivers (Codes 804, 805)
Driver-sales workers (Code 806)
Other motor vehicle operators (Codes 803, 808-814)
Rail and water transportation occupations (Codes 823-834)
Material moving equipment operators:
Supervisors, material moving equipment operators (Code 843)
Crane, hoist, and winch operators (Codes 848, 849)
Excavating, grading, and dozer machine operators (Codes 853, 855)
Other material moving equipment operators (Codes 844, 845, 856, 859)
Handlers, equipment cleaners, helpers, and laborers:
Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (Code 863)
Helpers, craft and production (Codes 864-867, 873)
Construction laborers (Code 869)
Freight, stock, and material handlers (Codes 875-883)
Garage and service station occupations, and equipment cleaners (Codes 885, 887)
Hand packers and packagers (Code 888)
Laborers, except construction (Code 889)

Female:
(Repeat Occupation)

Tabulations	Number of data items
.-4. YEARS OF SCHOOL COMPLETED (3) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
College (4 or more years): (Repeat Sex by Occupation)	
Elementary (0 to 8 years) through high school (1 to 3 years): (Repeat Sex by Occupation)	

Tabulations	Number of data items
-5. CLASS OF WORKER (2) BY SEX (2) BY OCCUPATION (134) 1/ 5/	536

Universe: Employed Persons 16 Years And Over

Self-employed worker:
- Male:
  - Managerial and professional specialty occupations:
    - Executive, administrative, and managerial occupations:
      - Officials and administrators, public administration (Codes 3-6)
      - Financial managers (Code 7)
      - Managers, marketing, advertising, and public relations (Code 13)
      - Administrators, education and related fields (Code 14)
      - Managers, medicine and health (Code 15)
      - Other specified managers (Codes 8, 9, 16-18)
      - Managers and administrators, n.e.c (Code 19):
        - Salaried
        - Self-employed
      - Management related occupations:
        - Accountants and auditors (Code 23)
        - Personnel, training, and labor relations specialists (Code 27)
        - Buyers and purchasing agents (Codes 28-33)
        - Inspectors and compliance officers (Codes 35, 36)
        - Other management related occupations (Codes 24-26, 34, 37)
    - Professional specialty occupations:
      - Engineers, architects, and surveyors:
        - Architects (Code 43)
        - Engineers:
          - Civil engineers (Code 53)
          - Electrical and electronic engineers (Code 55)
          - Industrial engineers (Code 56)
          - Mechanical engineers (Code 57)
          - Other engineers (Codes 44-49, 54, 58, 59)
        - Surveyors and mapping scientists (Code 63)
      - Computer systems analysts and scientists (Code 64)
      - Operations and systems researchers and analysts (Code 65)
      - Mathematical scientists (Codes 66-68)

Tabulations	Number of data items
-5. CLASS OF WORKER (2) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
-5. CLASS OF WORKER (2) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling,	

Tabulations	Number of data items
-5- CLASS OF WORKER (2) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
-5. CLASS OF WORKER (2) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and wood-working machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	

Tabulations	Number of data items
-5. CLASS OF WORKER (2) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Hand working occupations (Codes 786-795)	
Production inspectors, testers, samplers, and weighers:	
Graders and sorters, except agricultural (Code 799)	
Other production inspectors, samplers, and weighers (Codes 796-798)	
Transportation and material moving occupations:	
Transportation occupations:	
Motor vehicle operators:	
Truck drivers (Codes 804, 805)	
Driver-sales workers (Code 806)	
Other motor vehicle operators (Codes 803, 808-814)	
Rail and water transportation occupations (Codes 823-834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Crane, hoist, and winch operators (Codes 848, 849)	
Excavating, grading, and dozer machine operators (Codes 853, 855)	
Other material moving equipment operators (Codes 844, 845, 856, 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors: handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, craft and production (Codes 864-867, 873)	
Construction laborers (Code 869)	
Freight, stock, and material handlers (Codes 875-883)	
Garage and service station occupations, and equipment cleaners (Codes 885, 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Female:	
(Repeat Occupation)	

Tabulations	Number of data items
-5. CLASS OF WORKER (2) BY SEX (2) BY OCCUPATION (134) 1/ 5/ (continued)	
Other worker: 4/ (Repeat Sex by Occupation)	

Tabulations	Number of data items
-1. AGGREGATE EARNINGS IN 1979 BY RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/	804 (15 characters per item)

Universe: Employed Persons 16 Years And Over With Earnings In 1979

Total:
- Male:
  - Managerial and professional specialty occupations:
    - Executive, administrative, and managerial occupations:
      - Officials and administrators, public administration (Codes 3-6)
      - Financial managers (Code 7)
      - Managers, marketing, advertising, and public relations (Code 13)
      - Administrators, education and related fields (Code 14)
      - Managers, medicine and health (Code 15)
      - Other specified managers (Codes 8, 9, 16-18)
      - Managers and administrators, n.e.c (Code 19):
        - Salaried
        - Self-employed
      - Management related occupations:
        - Accountants and auditors (Code 23)
        - Personnel, training, and labor relations specialists (Code 27)
        - Buyers and purchasing agents (Codes 28-33)
        - Inspectors and compliance officers (Codes 35, 36)
        - Other management related occupations (Codes 24-26, 34, 37)
    - Professional specialty occupations:
      - Engineers, architects, and surveyors:
        - Architects (Code 43)
        - Engineers:
          - Civil engineers (Code 53)
          - Electrical and electronic engineers (Code 55)
          - Industrial engineers (Code 56)
          - Mechanical engineers (Code 57)
          - Other engineers (Codes 44-49, 54, 58, 59)
        - Surveyors and mapping scientists (Code 63)
      - Computer systems analysts and scientists (Code 64)
      - Operations and systems researchers and analysts (Code 65)

Tabulations	Number of data items
-1. AGGREGATE EARNINGS IN 1979 BY RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Mathmatical scientists (Codes 66-68)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
1. AGGREGATE EARNINGS IN 1979 BY RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling, and distributing clerks (Codes 359, 366-369, 374)	

Tabulations	Number of data items
:-1. AGGREGATE EARNINGS IN 1979 BY RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
1. AGGREGATE EARNINGS IN 1979 BY RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and woodworking machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	
Hand working occupations (Codes 786-795)	

Tabulations	Number of data items
-1. AGGREGATE EARNINGS IN 1979 BY RACE (3) BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Production inspectors, testers, samplers, and weighers:	
Graders and sorters, except agricultural (Code 799)	
Other production inspectors, samplers, and weighers (Codes 796-798)	
Transportation and material moving occupations:	
Transportation occupations:	
Motor vehicle operators:	
Truck drivers (Codes 804, 805)	
Driver-sales workers (Code 806)	
Other motor vehicle operators (Codes 803, 808-814)	
Rail and water transportation occupations (Codes 823-834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Crane, hoist, and winch operators (Codes 848, 849)	
Excavating, grading, and dozer machine operators (Codes 853, 855)	
Other material moving equipment operators (Codes 844, 845, 856, 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, craft and production (Codes 864-867, 873)	
Construction laborers (Code 869)	
Freight, stock, and material handlers (Codes 875-883)	
Garage and service station occupations, and equipment cleaners (Codes 885, 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Female:	
(Repeat Occupation)	
White:	
(Repeat Sex by Occupation)	
Black:	
(Repeat Sex by Occupation)	

Tabulations	Number of data items
-2. AGGREGATE EARNINGS IN 1979 BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/	268 (15 characters per item)

Universe: Employed Persons Of Spanish Origin 16 Years And Over With Earnings In 1979

Male:
- Managerial and professional specialty occupations:
  - Executive, administrative, and managerial occupations:
    - Officials and administrators, public administration (Codes 3-6)
    - Financial managers (Code 7)
    - Managers, marketing, advertising, and public relations (Code 13)
    - Administrators, education and related fields (Code 14)
    - Managers, medicine and health (Code 15)
    - Other specified managers (Codes 8, 9, 16-18)
    - Managers and administrators, n.e.c (Code 19):
      - Salaried
      - Self-employed
    - Management related occupations:
      - Accountants and auditors (Code 23)
      - Personnel, training, and labor relations specialists (Code 27)
      - Buyers and purchasing agents (Codes 28-33)
      - Inspectors and compliance officers (Codes 35, 36)
      - Other management related occupations (Codes 24-26, 34, 37)
  - Professional specialty occupations:
    - Engineers, architects, and surveyors:
      - Architects (Code 43)
      - Engineers:
        - Civil engineers (Code 53)
        - Electrical and electronic engineers (Code 55)
        - Industrial engineers (Code 56)
        - Mechanical engineers (Code 57)
        - Other engineers (Codes 44-49, 54, 58, 59)
      - Surveyors and mapping scientists (Code 63)
    - Computer systems analysts and scientists (Code 64)
    - Operations and systems researchers and analysts (Code 65)

Tabulations	Number of data items
2. AGGREGATE EARNINGS IN 1979 BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Mathmatical scientists (Codes 66-68)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
-2. AGGREGATE EARNINGS IN 1979 BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling, and distributing clerks (Codes 358, 366-369, 374)	

Tabulations	Number of data items
-2. AGGREGATE EARNINGS IN 1979 BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
-2. AGGREGATE EARNINGS IN 1979 BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and wood-working machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	
Hand working occupations (Codes 786-795)	

Tabulations	Number of data items
2. AGGREGATE EARNINGS IN 1979 BY SEX (2) BY OCCUPATION (134) 1/ 3/ 5/ (continued)	
Production inspectors, testers, samplers, and weighers:	
Graders and sorters, except agricultural (Code 799)	
Other production inspectors, samplers, and weighers (Codes 796-798)	
Transportation and material moving occupations:	
Transportation occupations:	
Motor vehicle operators:	
Truck drivers (Codes 804, 805)	
Driver-sales workers (Code 806)	
Other motor vehicle operators (Codes 803, 808-814)	
Rail and water transportation occupations (Codes 823-834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Crane, hoist, and winch operators (Codes 848, 849)	
Excavating, grading, and dozer machine operators (Codes 853, 855)	
Other material moving equipment operators (Codes 844, 845, 856, 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, craft and production (Codes 864-867, 873)	
Construction laborers (Code 869)	
Freight, stock, and material handlers (Codes 875-883)	
Garage and service station occupations, and equipment cleaners (Codes 885, 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Female:	
(Repeat Occupation)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION (135) 1/ 5/	270

Universe: Experienced Unemployed Persons 16 Years And Over

Male:
- Managerial and professional specialty occupations:
  - Executive, administrative, and managerial occupations:
    - Officials and administrators, public administration (Codes 3-6)
    - Financial managers (Code 7)
    - Managers, marketing, advertising, and public relations (Code 13)
    - Administrators, education and related fields (Code 14)
    - Managers, medicine and health (Code 15)
    - Other specified managers (Codes 8, 9, 16-18)
    - Managers and administrators, n.e.c (Code 19):
      - Salaried
      - Self-employed
    - Management related occupations:
      - Accountants and auditors (Code 23)
      - Personnel, training, and labor relations specialists (Code 27)
      - Buyers and purchasing agents (Codes 28-33)
      - Inspectors and compliance officers (Codes 35, 36)
      - Other management related occupations (Codes 24-26, 34, 37)
  - Professional specialty occupations:
    - Engineers, architects, and surveyors:
      - Architects (Code 43)
      - Engineers:
        - Civil engineers (Code 53)
        - Electrical and electronic engineers (Code 55)
        - Industrial engineers (Code 56)
        - Mechanical engineers (Code 57)
        - Other engineers (Codes 44-49, 54, 58, 59)
      - Surveyors and mapping scientists (Code 63)
    - Computer systems analysts and scientists (Code 64)
    - Operations and systems researchers and analysts (Code 65)
    - Mathematical scientists (Codes 66-68)

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION (135) 1/ 5/ (continued)	
Natural scientists:	
Chemists, except biochemists (Code 73)	
Other natural scientists (Codes 69, 74-83)	
Health diagnosing occupations (Codes 84-89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Other health assessment and treating occupations (Codes 96-106)	
Teachers, except postsecondary (Codes 155-159)	
Social scientists and urban planners (Codes 166-173)	
Social and recreation workers (Codes 174, 175)	
Lawyers and judges (Codes 178, 179)	
Writers, artists, entertainers, and athletes (Codes 183-199)	
Other professional specialty occupations (Codes 113-154, 163-165, 176, 177)	
Technical, sales, and administrative support occupations:	
Technicians and related support occupations:	
Health technologists and technicians:	
Licensed practical nurses (Code 207)	
Other health technologists and technicians (Codes 203-206, 208)	
Engineering and science technicians:	
Electrical and electronic technicians (Code 213)	
Industrial and mechanical engineering technicians (Codes 214, 215)	
Drafting and surveying technicians (Codes 217, 218)	
Other engineering and science technicians (Codes 216, 223-225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers and broadcast equipment operators (Codes 227, 228)	
Computer programmers (Code 229)	
Other technicians, except health, engineering, and science (Codes 233-235)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION (135) 1/ 5/ (continued)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services (Codes 253-257)	
Sales representatives, commodities, except retail (Codes 258, 259)	
Sales workers, retail and personal services:	
Cashiers (Code 276)	
Other sales occupations, retail and personal services (Codes 263-275, 277, 278)	
Sales related occupations (Codes 283-285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations (Codes 303-307)	
Computer equipment operators (Codes 308, 309)	
Secretaries, stenographers, and typists:	
Secretaries (Code 313)	
Stenographers and typists (Codes 314, 315)	
Receptionists (Code 319)	
Other information clerks (Codes 316-318, 323)	
File clerks (Code 335)	
Other records processing occupations, except financial (Codes 325-329, 336)	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Other financial records processing occupations (Codes 339-344)	
Telephone operators (Code 348)	
Mail and message distributing occupations (Codes 354-357)	
Production coordinators and expediters (Codes 363, 373)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Other material recording, scheduling, and distributing clerks (Codes 359, 366-369, 374)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION (135) 1/ 5/ (continued)	
Adjusters and investigators (Codes 375-378)	
Data-entry keyers (Code 385)	
Other administrative support occupations (Codes 345-347, 349, 353, 379-384, 386-389)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Guards (Codes 425-427)	
Other protective service occupations (Codes 413-424)	
Service occupations, except protective and household:	
Food preparation and service occupations (Codes 433-444)	
Health service occupations (Codes 445-447)	
Cleaning and building service occupations, except household (Codes 448-455)	
Personal service occupations (Codes 456-469)	
Farming, forestry, and fishing occupations (Codes 473-499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Automobile mechanics, including body (Codes 505, 506, 514)	
Industrial machinery repairers (Code 518)	
Electronic repairers, communications and industrial equipment (Code 523)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Other mechanics and repairers (Codes 507-509, 515-517, 519, 525-533, 535-549)	
Construction trades:	
Supervisors, construction occupations (Codes 553-558)	
Carpenters (Codes 567, 569)	
Electricians (Codes 575, 576)	
Painters, construction and maintenance (Code 579)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Other construction trades (Codes 563-566, 573, 577, 583, 584, 588-599)	
Extractive occupations (Codes 613-617)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION (135) 1/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Machinists (Codes 637, 639)	
Sheet metal workers (Codes 653, 654)	
Other precision metal workers (Codes 636, 643-649, 655)	
Precision textile, apparel, and furnishings machine workers (Codes 666-674)	
Precision food production occupations (Codes 686-688)	
Precision inspectors, testers, and related workers (Codes 689, 693)	
Plant and system operators (Codes 694-699)	
Other precision production occupations (Codes 656-659, 675-684)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators (Codes 703-715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing and wood-working machine operators (Codes 719-733)	
Printing machine operators (Codes 734-737)	
Textile machine operators (Codes 738-743, 749)	
Textile sewing machine operators (Code 744)	
Laundering and dry cleaning machine operators (Code 748)	
Packaging and filling machine operators (Code 754)	
Furnace, kiln, and oven operators, except food (Code 766)	
Other specified machine operators (Codes 745, 747, 753, 755-765, 768-774)	
Miscellaneous and not specified machine operators (Codes 777, 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	
Hand working occupations (Codes 786-795)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION (135) 1/ 5/ (continued)	
Production inspectors, testers, samplers, and weighers:	
Graders and sorters, except agricultural (Code 799)	
Other production inspectors, samplers, and weighers (Codes 796-798)	
Transportation and material moving occupations:	
Transportation occupations:	
Motor vehicle operators:	
Truck drivers (Codes 804, 805)	
Driver-sales workers (Code 806)	
Other motor vehicle operators (Codes 803, 808-814)	
Rail and water transportation occupations (Codes 823-834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Crane, hoist, and winch operators (Codes 848, 849)	
Excavating, grading, and dozer machine operators (Codes 853, 855)	
Other material moving equipment operators (Codes 844, 845, 856, 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, craft and production (Codes 864-867, 873)	
Construction laborers (Code 869)	
Freight, stock, and material handlers (Codes 875-883)	
Garage and service station occupations, and equipment cleaners (Codes 885, 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Experienced unemployed not classified by occupation (Codes 905, 909)	
Female:	
(Repeat Occupation)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/	894

Universe: Employed Persons 16 Years And Over

Male:
- Managerial and professional specialty occupations:
  - Executive, administrative, and managerial:
    - Legislators, chief executives, and general administrators; public administration (Codes 3, 4)
    - Administrators and officials, public administration (Code 5):
      - Federal government worker
      - State government worker
      - Local government worker
    - Administrators, protective services (Code 6)
    - Financial managers (Code 7)
    - Personnel and labor relations managers (Code 8)
    - Purchasing managers (Code 9)
    - Managers, marketing, advertising, and public relations (Code 13)
    - Administrators, education and related fields (Code 14)
    - Managers, medicine and health (Code 15)
    - Managers, properties and real estate (Code 16)
    - Postmasters and mail superintendents (Code 17)
    - Funeral directors (Code 18)
    - Managers and administrators, n.e.c. (Code 19):
      - Salaried
      - Self-employed
    - Management related occupations:
      - Accountants and auditors (Code 23)
      - Underwriters (Code 24)
      - Other financial officers (Code 25)
      - Management analysts (Code 26)
      - Personnel, training and labor relations specialists (Code 27)
      - Purchasing agents and buyers, farm products (Code 28)

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Buyers, wholesale and retail trade except farm products (Code 29)	
Purchasing agents and buyers, n.e.c. (Code 33)	
Business and promotion agents (Code 34)	
Construction inspectors (Code 35)	
Inspectors and compliance officers, except construction (Code 36)	
Management related occupations, n.e.c. (Code 37)	
Professional specialty occupations:	
Engineers, architects, and surveyors:	
Architects (Code 43)	
Engineers:	
Aerospace (Code 44)	
Metallurgical and materials (Code 45)	
Mining (Code 46)	
Petroleum (Code 47)	
Chemical (Code 48)	
Nuclear (Code 49)	
Civil (Code 53)	
Agricultural (Code 54)	
Electrical and electronic (Code 55)	
Industrial (Code 56)	
Mechanical (Code 57)	
Marine engineers and naval architects (Code 58)	
Engineers, n.e.c. (Code 59)	
Surveyors and mapping scientists (Code 63)	
Mathematical and computer scientists:	
Computer systems analysts and scientists (Code 64)	
Operations and systems researchers and analysts (Code 65)	
Actuaries (Code 66)	
Statisticians (Code 67)	
Mathematical scientists, n.e.c. (Code 68)	
Natural scientists:	
Physicists and astronomers (Code 69)	
Chemists, except biochemists (Code 73)	

Tabulations	Number of data items
4-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Atmospheric and space scientists (Code 74)	
Geologists and geodesists (Code 75)	
Physical scientists, n.e.c. (Code 76)	
Agricultural and food scientists (Code 77)	
Biological and life scientists (Code 78)	
Forestry and conservation scientists (Code 79)	
Medical scientists (Code 83)	
Health diagnosing occupations:	
Physicians (Code 84)	
Dentists (Code 85)	
Veterinarians (Code 86)	
Optometrists (Code 87)	
Podiatrists (Code 88)	
Health diagnosing practitioners, n.e.c. (Code 89)	
Health assessment and treating occupations:	
Registered nurses (Code 95)	
Pharmacists (Code 96)	
Dietitians (Code 97)	
Therapists (Codes 98-105)	
Physicians' assistants (Code 106)	
Teachers, postsecondary (Codes 113-154)	
Teachers, except postsecondary:	
Teachers, prekindergarten and kindergarten (Code 155)	
Teachers, elementary and secondary school (Codes 156, 157)	
Teachers, special education (Code 158)	
Teachers, n.e.c. (Code 159)	
Counselors, educational and vocational (Code 165)	
Librarians, archivists, and curators:	
Librarians (Code 164)	
Archivists and curators (Code 165)	
Social scientists and urban planners:	
Economists (Code 166)	
Psychologists (Code 167)	
Sociologists (Code 168)	
Social scientists, n.e.c. (Code 169)	
Urban planners (Code 173)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Social, recreation, and religious workers:	
Social workers (Code 174)	
Recreation workers (Code 175)	
Clergy (Code 176)	
Religious workers, n.e.c. (Code 177)	
Lawyers and judges:	
Lawyers (Code 178)	
Judges (Code 179)	
Writers, artists, entertainers, and athletes:	
Authors (Code 183)	
Technical writers (Code 184)	
Designers (Code 185)	
Musicians and composers (Code 186)	
Actors and directors (Code 187)	
Painters, sculptors, craft-artists, and artist print makers (Code 188)	
Photographers (Code 189)	
Dancers (Code 193)	
Artists, performers, and related workers, n.e.c. (Code 194)	
Editors and reporters (Code 195)	
Public relations specialists (Code 197)	
Announcers (Code 198)	
Athletes (Code 199)	
Technical, sales, and administrative support:	
Technicians and related support occupations:	
Health technologists and technicians:	
Clinical laboratory technologists and technicians (Code 203)	
Dental hygienists (Code 204)	
Health record technologists and technicians (Code 205)	
Radiologic technicians (Code 206)	
Licensed practical nurses (Code 207)	
Health technologists and technicians, n.e.c. (Code 208)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Engineering and related technologists and technicians:	
Electrical and electronic technicians (Code 213)	
Industrial engineering technicians (Code 214)	
Mechanical engineering technicians (Code 215)	
Engineering technicians, n.e.c. (Code 216)	
Drafting occupations (Code 217)	
Surveying and mapping technicians (Code 218)	
Science technicians:	
Biological technicians (Code 223)	
Chemical technicians (Code 224)	
Science technicians, n.e.c. (Code 225)	
Technicians, except health, engineering, and science:	
Airplane pilots and navigators (Code 226)	
Air traffic controllers (Code 227)	
Broadcast equipment operators (Code 228)	
Computer programmers (Code 229)	
Tool programmers, numerical control (Code 233)	
Legal assistants (Code 234)	
Technicians, n.e.c. (Code 235)	
Sales occupations:	
Supervisors and proprietors, sales occupations (Code 243):	
Salaried	
Self-employed	
Sales representatives, finance and business services:	
Insurance sales occupations (Code 253)	
Real estate sales occupations (Code 254)	
Securities and financial services sales occupations (Code 255)	
Advertising and related sales occupations (Code 256)	
Sales occupations, other business services (Code 257)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Sales representatives, commodities except retail:	
Sales engineers (Code 258)	
Sales representatives, mining, manufacturing, and wholesale (Code 259)	
Sales workers, retail and personal services:	
Sales workers, commodities (Codes 263-274)	
Sales counter clerks (Code 275)	
Cashiers (Code 276)	
Street and door-to-door sales workers (Code 277)	
News vendors (Code 278)	
Sales related occupations:	
Demonstrators, promoters and models, sales (Code 283)	
Auctioneers (Code 284)	
Sales support occupations, n.e.c. (Code 285)	
Administrative support occupations, including clerical:	
Supervisors, administrative support occupations:	
Supervisors, general office (Code 303)	
Supervisors, computer equipment operators (Code 304)	
Supervisors, financial records processing (Code 305)	
Chief communications operators (Code 306)	
Supervisors: distribution, scheduling, and adjusting clerks (Code 307)	
Computer equipment operators:	
Computer operators (Code 308)	
Peripheral equipment operators (Code 309)	
Secretaries, stenographers and typists:	
Secretaries (Code 313)	
Stenographers (Code 314)	
Typists (Code 315)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Information clerks:	
Interviewers (Code 316)	
Hotel clerks (Code 317)	
Transportation ticket and reservation agents (Code 318)	
Receptionists (Code 319)	
Information clerks, n.e.c. (Code 323)	
Records processing occupations, except financial:	
Classified-ad clerks (Code 325)	
Correspondence clerks (Code 326)	
Order clerks (Code 327)	
Personnel clerks, except payroll and timekeeping (Code 328)	
Library clerks (Code 329)	
File clerks (Code 335)	
Records clerks (Code 336)	
Financial records processing occupations:	
Bookkeepers, accounting, and auditing clerks (Code 337)	
Payroll and timekeeping clerks (Code 338)	
Billing clerks (Code 339)	
Cost and rate clerks (Code 343)	
Billing, posting, and calculating machine operators (Code 344)	
Duplicating, mail and other office machine operators:	
Duplicating machine operators (Code 345)	
Mail preparing and paper handling machine operators (Code 346)	
Office machine operators, n.e.c. (Code 347)	
Communications equipment operators:	
Telephone operators (Code 348)	
Telegraphers (Code 349)	
Communications equipment operators, n.e.c. (Codes 350-353)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Mail and message distributing occupations:	
Postal clerks, exc. mail carriers (Code 354)	
Mail carriers, postal service (Code 355)	
Mail clerks, exc. postal service (Code 356)	
Messengers (Code 357)	
Material recording, scheduling, and distributing clerks:	
Dispatchers (Code 359)	
Production coordinators (Code 363)	
Traffic, shipping, and receiving clerks (Code 364)	
Stock and inventory clerks (Code 365)	
Meter readers (Code 366)	
Weighers, measurers, and checkers (Code 368)	
Samplers (Code 369)	
Expediters (Code 373)	
Material recording, scheduling, and distributing clerks, n.e.c. (Code 374)	
Adjustors and investigators:	
Insurance adjusters, examiners, and investigators (Code 375)	
Investigators and adjusters, except insurance (Code 376)	
Eligibility clerks, social welfare (Code 377)	
Bill and account collectors (Code 378)	
Miscellaneous administrative support occupations:	
General office clerks (Code 379)	
Bank tellers (Code 383)	
Proofreaders (Code 384)	
Data-entry keyers (Code 385)	
Statistical clerks (Code 386)	
Teachers' aides (Code 387)	
Administrative support occupations, n.e.c. (Code 389)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Service occupations:	
Private household occupations (Codes 403-407)	
Protective service occupations:	
Supervisors, protective service occupations:	
Supervisors, firefighting and fire prevention occupations (Code 413)	
Supervisors, police and detectives (Code 414)	
Supervisors, guards (Code 415)	
Firefighting and fire prevention occupations:	
Fire inspection and fire prevention occupations (Code 416)	
Firefighting occupations (Code 417)	
Police and detectives:	
Police and detectives, public service (Code 418)	
Sheriffs, bailiffs, and other law enforcement officers (Code 423)	
Correctional institution officers (Code 424)	
Guards:	
Crossing guards (Code 425)	
Guards and police, exc. public service (Code 426)	
Protective service occupations, n.e.c. (Code 427)	
Service occupations, except protective and household:	
Food preparation and service occupations:	
Supervisors, food preparation and service occupations (Code 433)	
Bartenders (Code 434)	
Waiters and waitresses (Code 435)	
Cooks, except short order (Code 436)	
Short-order cooks (Code 437)	
Food counter, fountain and related occupations (Code 438)	
Kitchen workers, food preparation (Code 439)	
Waiters'/waitresses assistants (Code 443)	
Miscellaneous food preparation occupations (Code 444)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Health service occupations:	
Dental assistants (Code 445)	
Health aides, except nursing (Code 446)	
Nursing aides, orderlies, and attendants (Code 447)	
Cleaning and building service occupations, except household:	
Supervisors, cleaning and building service workers (Code 448)	
Maids and housemen (Code 449)	
Janitors and cleaners (Code 453)	
Elevator operators (Code 454)	
Pest control occupations (Code 455)	
Personal service occupations:	
Supervisors, personal service occupations (Code 456)	
Barbers (Code 457)	
Hairdressers and cosmetologists (Code 458)	
Attendants, amusement and recreation facilities (Code 459)	
Guides (Code 463)	
Ushers (Code 464)	
Public transportation attendants (Code 465)	
Baggage porters and bellhops (Code 466)	
Welfare service aides (Code 467)	
Child care workers, except private household (Code 468)	
Personal service occupations, n.e.c. (Code 469)	
Farming, forestry, and fishing occupations:	
Farm operators and managers (Codes 473-476)	
Farm occupations, except managerial (Codes 477-484)	
Related agricultural occupations:	
Supervisors, related agricultural occupations (Code 485)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Groundskeepers and gardeners, except farm (Code 486)	
Animal caretakers, except farm (Code 487)	
Graders and sorters, agricultural products (Code 488)	
Inspectors, agricultural products (Code 489)	
Forestry and logging occupations:	
Supervisors, forestry and logging workers (Code 494)	
Forestry workers, except logging (Code 495)	
Timber cutting and logging occupations (Code 496)	
Fishers, hunters, and trappers:	
Captains and other officers, fishing vessels (Code 497)	
Fishers (Code 498)	
Hunters and trappers (Code 499)	
Precision production, craft, and repair occupations:	
Mechanics and repairers:	
Supervisors, mechanics and repairers (Code 503)	
Mechanics and repairers, except supervisors:	
Vehicle and mobile equipment mechanics and repairers:	
Automobile mechanics (Codes 505, 506)	
Bus, truck, and stationary engine mechanics (Code 507)	
Aircraft engine mechanics (Code 508)	
Small engine repairers (Code 509)	
Automobile body and related repairers (Code 514)	
Aircraft mechanics, exc. engine (Code 515)	
Heavy equipment mechanics (Code 516)	
Farm equipment mechanics (Code 517)	
Industrial machinery repairers (Code 518)	
Machinery maintenance occupations (Code 519)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Electrical and electronic equipment repairers:	
Electronic repairers, communications and industrial equipment (Code 523)	
Data processing equipment repairers (Code 525)	
Household appliance and power tool repairers (Code 526)	
Telephone line installers and repairers (Code 527)	
Telephone installers and repairers (Code 529)	
Miscellaneous electrical and electronic equipment repairers (Code 533)	
Heating, air conditioning, and refrigeration mechanics (Code 534)	
Miscellaneous mechanics and repairers:	
Camera, watch, and musical instrument repairers (Code 535)	
Locksmith and safe repairers (Code 536)	
Office machine repairers (Code 538)	
Mechanical controls and valve repairers (Code 539)	
Elevator installers and repairers (Code 543)	
Millwrights (Code 544)	
Specified mechanics and repairers, n.e.c. (Code 547)	
Not specified mechanics and repairers (Code 549)	
Construction trades:	
Supervisors, construction occupations:	
Supervisors; brickmasons, stonemasons, and tile setters (Code 553)	
Supervisors; carpenters and related workers (Code 554)	
Supervisors; electricians and power transmission installers (Code 555)	
Supervisors; painters, paperhangers, and plasterers (Code 556)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Supervisors; plumbers, pipefitters, and steamfitters (Code 557)	
Supervisors; n.e.c. (Code 558)	
Construction trades, except supervisors:	
Brickmasons and stonemasons (Codes 563, 564)	
Tile setters, hard and soft (Code 565)	
Carpet installers (Code 566)	
Carpenters (Codes 567, 569)	
Drywall installers (Code 573)	
Electricians (Codes 575, 576)	
Electrical power installers and repairers (Code 577)	
Painters, construction and maintenance (Code 579)	
Paperhangers (Code 583)	
Plasterers (Code 584)	
Plumbers, pipefitters, and steamfitters (Codes 585, 587)	
Concrete and terrazzo finishers (Code 588)	
Glaziers (Code 589)	
Insulation workers (Code 593)	
Paving, surfacing, and tamping equipment operators (Code 594)	
Roofers (Code 595)	
Sheetmetal duct installers (Code 596)	
Structural metal workers (Code 597)	
Drillers, earth (Code 598)	
Construction trades, n.e.c. (Code 599)	
Extractive occupations:	
Supervisors, extractive occupations (Code 613)	
Drillers, oil well (Code 614)	
Explosives workers (Code 615)	
Mining machine operators (Code 616)	
Mining occupations, n.e.c. (Code 617)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Precision production occupations:	
Supervisors, production occupations (Code 633)	
Precision metal working occupations:	
Tool and die makers (Codes 634, 635)	
Precision assemblers, metal (Code 636)	
Machinists (Codes 637, 639)	
Boilermakers (Code 643)	
Precision grinders, filers, and tool sharpeners (Code 644)	
Patternmakers and model makers, metal (Code 645)	
Lay-out workers (Code 646)	
Precious stones and metals workers (jewelers) (Code 647)	
Engravers, metal (Code 649)	
Sheet metal workers (Codes 653, 654)	
Miscellaneous precision metal workers (Code 655)	
Precision woodworking occupations:	
Patternmakers and model makers, wood (Code 656)	
Cabinet makers and bench carpenters (Code 657)	
Furniture and wood finishers (Code 658)	
Miscellaneous precision woodworkers (Code 659)	
Precision textile, apparel, and furnishings machine workers:	
Dressmakers (Code 666)	
Tailors (Code 667)	
Upholsterers (Code 668)	
Shoe repairers (Code 669)	
Apparel and fabric patternmakers (Code 673)	
Miscellaneous precision apparel and fabric makers (Code 674)	
Precision workers, assorted materials:	
Hand molders and shapers, except jewelers (Code 675)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Patternmakers, layout workers, and cutters (Code 676)	
Optical goods workers (Code 677)	
Dental laboratory and medical appliance technicians (Code 678)	
Bookbinders (Code 679)	
Electrical and electronic equipment assemblers (Code 683)	
Miscellaneous precision workers, n.e.c. (Code 684)	
Precision food production occupations:	
Butchers and meatcutters (Code 686)	
Bakers (Code 687)	
Food batchmakers (Code 688)	
Precision inspectors, testers, and related workers:	
Inspectors, testers, and graders (Code 689)	
Adjusters and calibrators (Code 693)	
Plant and system operators:	
Water and sewage treatment plant operators (Code 694)	
Power plant operators (Code 695)	
Stationary engineers (Code 696)	
Miscellaneous plant and system operators (Code 699)	
Operators, fabricators, and laborers:	
Machine operators, assemblers, and inspectors:	
Machine operators and tenders, except precision:	
Metalworking and plastic working machine operators:	
Lathe and turning machine set-up operators (Code 703)	
Lathe and turning machine operators (Code 704)	
Milling and planing machine operators (Code 705)	
Punching and stamping press machine operators (Code 706)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Rolling machine operators (Code 707)	
Drilling and boring machine operators (Code 708)	
Grinding, abrading, buffing, and polishing machine operators (Code 709)	
Forging machine operators (Code 713)	
Numerical control machine operators (Code 714)	
Miscellaneous metal, plastic, stone, and glass working machine operators (Code 715)	
Fabricating machine operators, n.e.c. (Code 717)	
Metal and plastic processing machine operators:	
Molding and casting machine operators (Code 719)	
Metal plating machine operators (Code 723)	
Heat treating equipment operators (Code 724)	
Miscellaneous metal and plastic processing machine operators (Code 725)	
Woodworking machine operators:	
Wood lathe, routing, and planing machine operators (Code 726)	
Sawing machine operators (Code 727)	
Shaping and joining machine operators (Code 728)	
Nailing and tacking machine operators (Code 729)	
Miscellaneous woodworking machine operators (Code 733)	
Printing machine operators:	
Printing machine operators (Code 734)	
Photoengravers and lithographers (Code 735)	
Typesetters and compositors (Code 736)	
Miscellaneous printing machine operators (Code 737)	
Textile, apparel, and furnishings machine operators:	
Winding and twisting machine operators (Code 738)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Knitting, looping, taping, and weaving machine operators (Code 739)	
Textile cutting machine operators (Code 743)	
Textile sewing machine operators (Code 744)	
Shoe machine operators (Code 745)	
Pressing machine operators (Code 747)	
Laundering and dry cleaning machine operators (Code 748)	
Miscellaneous textile machine operators (Code 749)	
Machine operators, assorted materials:	
Cementing and gluing machine operators (Code 753)	
Packaging and filling machine operators (Code 754)	
Extruding and forming machine operators (Code 755)	
Mixing and blending machine operators (Code 756)	
Separating, filtering, and clarifying machine operators (Code 757)	
Compressing and compacting machine operators (Code 758)	
Painting and paint spraying machine operators (Code 759)	
Roasting and baking machine operators, food (Code 763)	
Washing, cleaning, and pickling machine operators (Code 764)	
Folding machine operators (Code 765)	
Furnace, kiln, and oven operators, except food (Code 766)	
Crushing and grinding machine operators (Code 768)	
Slicing and cutting machine operators (Code 769)	

Tabulations	Number of data items
1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Motion picture projectionists (Code 773)	
Photographic process machine operators (Code 774)	
Miscellaneous machine operators, n.e.c. (Code 777)	
Machine operators, not specified (Code 779)	
Fabricators, assemblers, and hand working occupations:	
Welders and cutters (Code 783)	
Solderers and brazers (Code 784)	
Assemblers (Code 785)	
Hand cutting and trimming occupations (Code 786)	
Hand molding, casting, and forming occupations (Code 787)	
Hand painting, coating, and decorating occupations (Code 789)	
Hand engraving and printing occupations (Code 793)	
Hand grinding and polishing occupations (Code 794)	
Miscellaneous hand working occupations (Code 795)	
Production inspectors, testers, samplers, and weighers:	
Production inspectors, checkers, and examiners (Code 796)	
Production testers (Code 797)	
Production samplers and weighers (Code 798)	
Graders and sorters, except agricultural (Code 799)	
Transportation and material moving occupations:	
Motor vehicle operators:	
Supervisors, motor vehicle operators (Code 803)	
Truck drivers, heavy (Code 804)	
Truck drivers, light (Code 805)	
Driver-sales workers (Code 806)	

Tabulations	Number of data items
-1. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Bus drivers (Code 808)	
Taxicab drivers and chauffeurs (Code 809)	
Parking lot attendants (Code 813)	
Motor transportation occupations, n.e.c. (Code 814)	
Rail transportation occupations:	
Railroad conductors and yardmasters (Code 823)	
Locomotive operating occupations (Code 824)	
Railroad brake, signal, and switch operators (Code 825)	
Rail vehicle operators, n.e.c. (Code 826)	
Water transportation occupations:	
Ship captains and mates, except fishing boats (Code 828)	
Sailors and deckhands (Code 829)	
Marine engineers (Code 833)	
Bridge, lock, and lighthouse tenders (Code 834)	
Material moving equipment operators:	
Supervisors, material moving equipment operators (Code 843)	
Operating engineers (Code 844)	
Longshore equipment operators (Code 845)	
Hoist and winch operators (Code 848)	
Crane and tower operators (Code 849)	
Excavating and loading machine operators (Code 853)	
Grader, dozer, and scraper operators (Code 855)	
Industrial truck and tractor equipment operators (Code 856)	
Miscellaneous material moving equipment operators (Code 859)	
Handlers, equipment cleaners, helpers, and laborers:	
Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (Code 863)	
Helpers, mechanics and repairers (Code 864)	

Tabulations	Number of data items
-I. SEX (2) BY OCCUPATION AND CLASS OF WORKER (447) 1/ 5/ (continued)	
Helpers, construction and extractive occupations:	
Helpers, construction trades (Code 865)	
Helpers, surveyor (Code 866)	
Helpers, extractive occupations (Code 867)	
Construction laborers (Code 869)	
Production helpers (Code 873)	
Freight, stock, and material handlers:	
Garbage collectors (Code 875)	
Stevedores (Code 876)	
Stock handlers and baggers (Code 877)	
Machine feeders and offbearers (Code 878)	
Freight, stock, and material handlers, n.e.c. (Code 883)	
Garage and service station related occupations (Code 885)	
Vehicle washers and equipment cleaners (Code 887)	
Hand packers and packagers (Code 888)	
Laborers, except construction (Code 889)	
Female:	
(Repeat Occupation and Class of Worker)	

FOOTNOTES

1/ "Self employed" for occupation tabulations that show "salaried," "self employed" subgroups, include "Self employed in own business, professional practice, or farm - Own business not incorporated," and "Working without pay in family business or farm."

2/ Each sample person and housing unit was assigned a weight as the result of a complex ratio estimation procedure. Sample housing units were assigned one weight each and sample persons were assigned two types of weights. The first weight for persons applies to sample data except Place of Work, Travel Time to Work, and Migration (i.e., Residence in 1975) tabulations; this weight was assigned to all sample persons. The second weight for persons, which applies to Place of Work, Travel Time to Work, and Migration data, was assigned to those sample persons who were included in the Place of Work and Migration coding operation. These weights vary from person to person and from housing unit to housing unit, but on the average they are approximately equal to the inverse of each records sample selection probability. The tabulations in this file are based on summing the weights of the appropriate persons or housing units relating to the tabulation. For specified aggregates, indicated below, the characteristic data are mulitiplied by the weight; for example, in aggregate income for persons the amount of income is multiplied by the weight. In medians, the weights are brought to bear indirectly through the distribution used to calculate the measure. For family and household tabulations (population type), only the weights of the householder are used. For subfamily tabulations, the weights used are those assigned to the subfamily reference person (i.e., the person who is the equivalent of a householder for the subfamily). The following is a listing of the weights used in producing each tabulation:

Population weights -- matrices 1-1 through 1-5, 2-1, 2-2, 3-1, and 4-1

FOOTNOTES (continued)

3/ This aggregate, along with the relevant count, will permit the computation of a mean. For example, the aggregate value for specified owner-occupied noncondominium units will yield the mean value when divided by the count of specified owner-occupied noncondominum units, and the aggregate rooms for occupied and vacant year-round units divided by the count of occupied and vacant year-round units yields mean rooms.

4/ "Class of worker" includes "private wage and salary worker," "Federal government worker," "State government worker," "Self-employed worker," and "Unpaid family worker," Tabulations of "Other worker" include all categories not shown separately in the matrix.

5/ For occupation codes see attachment 6 of memorandum from Herriot to Matchett dated March 12, 1984 subject: "1980 Census: Attachments to Summary Tape Files 3, 4 and 5" as amended by memorandum from Herriot to Matchett dated April 26, 1984 subject: "1980 Census: Revisions to Summary Tape File (STF) 4 Attachments, Revision Memorandum #1".

ATTACHMENT 4

Industry/Industry Group Code Lists

LIST 1

1. Agriculture, forestry, and fisheries (Codes 10-31)
2. Mining (Codes 40-50)
3. Construction, government workers (Code 60)
4. Construction, self-employed workers (Code 60)
5. Construction, other workers (Code 60)
6. Food and kindred products (Codes 100-122)
7. Textile mill products (Codes 132-150)
8. Apparel and other finished textile products (Codes 151, 152)
9. Paper and allied products (Codes 160-162)
10. Printing, publishing, and allied industries (Codes 171, 172)
11. Chemical and allied products (Codes 180-192)
12. Rubber and miscellaneous plastics products (Codes 210-212)
13. Other nondurable goods (Codes 130, 200, 201, 220-222)
14. Lumber and wood products, except furniture (Codes 230-241)
15. Furniture and fixtures (Code 242)
16. Stone, clay, glass, and concrete products (Codes 250-262)
17. Primary iron and steel industries (Codes 270, 271)
18. Primary nonferrous industries (Codes 272, 280)
19. Fabricated metal industries (Codes 281-301)
20. Machinery, except electrical (Codes 310-332)
21. Electrical machinery, equipment, and supplies (Codes 340-350)
22. Motor vehicles and motor vehicle equipment (Code 351)
23. Aircraft, space vehicles, and parts (Codes 352, 362)
24. Other transportation equipment (Codes 360, 361, 370)
25. Other durable goods (Codes 371-392)
26. Railroads (Code 400)
27. Trucking service and warehousing (Codes 410, 411)
28. Other transportation (Codes 401, 402, 412-432)
29. Communications (Codes 440-442)
30. Utilities and sanitary services (Codes 460-472)
31. Groceries and farm products (Codes 550, 551)
32. Other wholesale trade (Codes 500-542, 552-571)

33. General merchandise stores (Codes 591, 592, 600)

34. Food, bakery, and dairy stores (Codes 601-611)

35. Automotive dealers and gasoline stations (Codes 612-622)

36. Apparel and accessory stores (Codes 630, 631)

37. Eating and drinking places (Code 641)

38. Other retail trade (Codes 580-590, 632, 640, 642-691)

39. Banking and credit agencies (Codes 700-702)

40. Insurance (Code 711)

41. Other finance and real estate (Codes 710, 712)

42. Business services (Codes 721-742)

43. Automotive repair and services (Codes 750, 751)

44. Other repair services (Codes 752, 760)

45. Hotels and lodging places (Codes 762-770)

46. Other personal services, including private household (Codes 761, 771-791)

47. Entertainment and recreation services (Codes 800-802)

48. Hospitals (Code 831)

49. Health services, except hospitals (Codes 812-830, 832, 840)

50. Educational services, government (Codes 842-860)

51. Educational services, private (Codes 842-860)

52. Social services, religious and membership organizations (Codes 861-871, 880, 881)

53. Other professional and related services (Codes 841, 872, 882-892)

54. Public administration (Codes 900-932)

55. Experienced unemployed not classified by industry (Codes 991, 992)

LIST 2

1. Agricultural production, crops (Code 10)
2. Agricultural production, livestock (Code 11)
3. Agriculture services, except horticultural (Code 20)
4. Horticultural services (Code 21)
5. Forestry (Code 30)
6. Fishing, hunting, and trapping (Code 31)

Mining:

7. Metal mining (Code 40)
8. Coal mining (Code 41)
9. Crude petroleum and natural gas extraction (Code 42)
10. Nonmetallic mining and quarrying, except fuel (Code 50)
11. Construction (Code 60)

Manufacturing nondurable goods, food and kindred products:

12. Meat products (Code 100)
13. Dairy products (Code 101)
14. Canned and preserved fruits and vegetables (Code 102)
15. Grain mill products (Code 110)
16. Bakery products (Code 111)
17. Sugar and confectionery products (Code 112)
18. Beverage industries (Code 120)
19. Miscellaneous food preparation and kindred products (Code 121)
20. Not specified food industries (Code 122)
21. Tobacco manufactures (Code 130)

Textile mill products:

22. Knitting mills (Code 132)
23. Dyeing and finishing textiles, except wool and knit goods (Code 140)
24. Floor coverings, except hard surface (Code 141)
25. Yarn, thread, and fabric mills (Code 142)
26. Miscellaneous textile mill products (Code 150)

Apparel and other finished textile products:

27. Apparel and accessories, except knit (Code 151)
28. Miscellaneous fabricated textile products (Code 152)

Paper and allied products:

29. Pulp, paper, and paperboard mills (Code 160)
30. Miscellaneous paper and pulp products (Code 161)
31. Paperboard containers and boxes (Code 162)

Printing, publishing, and allied industries:

32. Newspaper publishing and printing (Code 171)

33. Printing, publishing, and allied industries, except newspapers (Code 172)

Chemicals and allied products:

34. Plastics, synthetics, and resins (Code 180)

35. Drugs (Code 181)

36. Soaps and cosmetics (Code 182)

37. Paints, varnishes, and related products (Code 190)

38. Agricultural chemicals (Code 191)

39. Industrial and miscellaneous chemicals (Code 192)

Petroleum and coal products:

40. Petroleum refining (Code 200)

41. Miscellaneous petroleum and coal products (Code 201)

Rubber and miscellaneous plastics products:

42. Tires and inner tubes (Code 210)

43. Other rubber products, and plastics footwear and belting (Code 211)

44. Miscellaneous plastics products (Code 212)

Leather and leather products:

45. Leather tanning and finishing (Code 220)

46. Footwear, except rubber and plaster (Code 221)

47. Leather products, except footwear (Code 222)

Durable goods:

Lumber and wood products, except furniture:

48. Logging (Code 230)

49. Sawmills, planing mills, and millwork (Code 231)

50. Wood buildings and mobile homes (Code 232)

51. Miscellaneous wood products (Code 241)

52. Furniture and fixtures (Code 242)

Stone, clay, glass, and concrete products:

53. Glass and glass products (Code 250)

54. Cement, concrete, gypsum, and plastic products (Code 251)

55. Structural clay products (Code 252)

56. Pottery and related products (Code 261)

57. Miscellaneous nonmetallic mineral and stone products (Code 262)

Metal industries:

58. Blast furnaces, steelworks, rolling and finishing mills (Code 270)

59. Iron and steel foundries (Code 271)

60. Primary aluminum industries (Code 272)

61. Other primary metal industries (Code 280)

62. Cutlery, handtools, and other hardware (Code 281)

63. Fabricated structural metal products (Code 282)

64. Screw machine products (Code 290)

65. Metal forgings and stampings (Code 291)

66. Ordnance (Code 292)

67. Miscellaneous fabricated metal products (Code 300)

68. Not specified metal industries (Code 301)

Machinery, except electrical:

69. Engines and turbines (Code 310)

70. Farm machinery and equipment (Code 311)

71. Construction and material handling machines (Code 312)

72. Metalworking machinery (Code 320)

73. Office and accounting machines (Code 321)

74. Electronics computing equipment (Code 322)

75. Machinery, except electrical, n.e.c. (Code 331)

76. Not specified machinery (Code 332)

Electrical machinery, equipment, and supplies:

77. Household appliances (Code 340)

78. Radio, TV, and communication equipment (Code 341)

79. Electrical machinery equipment, and supplies, n.e.c. (Code 342)

80. Not specified electrical machinery, equipment, and supplies (Code 350)

Transportation equipment:

81. Motor vehicles and motor vehicle equipment (Code 351)

82. Aircraft and parts (Code 352)

83. Ship and boat building and repairing (Code 360)

84. Railroad locomotives and equipment (Code 361)

85. Guided missiles, space vehicles, and parts (Code 362)

86. Cycles and miscellaneous transportation equipment (Code 370)

Professional and photographic equipment, and watches:

87. Scientific and controlling instruments (Code 371)

88. Optical and health services supplies (Code 372)

89. Photographic equipment and supplies (Code 380)

90. Watches, clock, and clockwork operated devices (Code 381)

91. Not specified professional equipment (Code 382)

92. Toys, amusement, and sporting goods (Code 390)

93. Miscellaneous manufacturing industries (Code 391)

94. Not specified manufacturing industries (Code 392)

Transportation, communications, and other public utilities:

Transportation:

95. Railroads (Code 400)

96. Bus service and urban transit (Code 401):

Government workers

97. Other workers

98. Taxicab service (Code 402)

99. Trucking service (Code 410)

100. Warehousing and storage (Code 411)

101. U.S. postal service (Code 412)

102. Water transportation (Code 420)

103. Air transportation (Code 421)

104. Pipe lines, except natural gas (Code 422)

105. Services incidental to transportation (Code 432)

Communications:

106. Radio and television broadcasting (Code 440)

107. Telephone (wire and radio) (Code 441)

108. Telegraph and miscellaneous communication service (Code 442)

Utilities and sanitary services:

Electric light and power and electric-gas utilities (Codes 460, 462):

109. Government worker

110. Other worker

111. Gas and steam supply systems (Code 461)

112. Water supply and irrigation (Code 470)

113. Sanitary services (Code 471)

114. Not specified utilities (Code 472)

Wholesale trade:

Durable goods:

115. Motor vehicles and equipment (Code 500)

116. Furniture and home furnishings (Code 501)

117. Lumber and construction materials (Code 502)

118. Sporting goods, toys, and hobby goods (Code 510)

119. Metals and minerals, except petroleum (Code 511)

120. Electrical goods (Code 512)

121. Hardware, plumbing and heating supplies (Code 521)

122. Not specified electrical and hardware products (Code 522)

123. Machinery, equipment, and supplies (Code 530)

124. Scrap and waste materials (Code 531)

125. Miscellaneous wholesale, durable goods (Code 532)

Nondurable goods:

126. Paper and paper products (Code 540)

127. Drugs, chemicals, and allied products (Code 541)

128. Apparel, fabrics, and notions (Code 542)

129. Groceries and related products (Code 550)

130. Farm products - raw materials (Code 551)

131. Petroleum products (Code 552)

132. Alcoholic beverages (Code 560)

133. Farm supplies (Code 561)

134. Miscellaneous wholesale, nondurable goods (Code 562)

135. Not specified wholesale trade (Code 571)

Retail trade:

136. Lumber and building material retailing (Code 580)

137. Hardware stores (Code 581)

138. Retail nurseries and garden stores (Code 582)

139. Mobile home dealers (Code 590)

140. Department stores (Code 591)

141. Variety stores (Code 592)

142. Miscellaneous general merchandise stores (Code 600)

143. Grocery stores (Code 601)

144. Dairy products stores (Code 602)

145. Retail bakeries (Code 610)

146. Food stores, n.e.c. (Code 611)

147. Motor vehicle dealers (Code 612)

148. Auto and home supply stores (Code 620)

149. Gasoline service stations (Code 621)

150. Miscellaneous vehicle dealers (Code 622)

151. Apparel and accessory stores, except shoe (Code 630)

152. Shoe stores (Code 631)

153. Furniture and home furnishings stores (Code 632)

154. Household appliances, TV, and radio stores (Code 640)

155. Eating and drinking places (Code 641)

156. Drug stores (Code 642)

157. Liquor stores (Code 650)

158. Sporting goods, bicycles, and hobby stores (Code 651)

159. Book and stationery stores (Code 652)

160. Jewelry stores (Code 660)

161. Sewing, needlework, and piece goods stores (Code 661)

162. Mail order houses (Code 662)

163. Vending machine operators (Code 670)

164. Direct selling establishments (Code 671)

165. Fuel and ice dealers (Code 672)

166. Retail florists (Code 681)

167. Miscellaneous retail stores (Code 682)

168. Not specified retail trade (Code 691)

Finance, insurance, and real estate:

169. Banking (Code 700)

170. Savings and loan associations (Code 701)

171. Credit agencies, n.e.c. (Code 702)

172. Security, commodity brokerage, and investment companies (Code 710)

173. Insurance (Code 711)

174. Real estate, including real estate-insurance law offices (Code 712)

Business and repair services:

175. Advertising (Code 721)

176. Services to dwellings and other buildings (Code 722)

177. Commercial research, development, and testing labs (Code 730)

178. Personnel supply services (Code 731)

179. Business management and consulting services (Code 732)

180. Computer and data processing services (Code 740)

181. Detective and protective services (Code 741)

182. Business services, n.e.c. (Code 742)

183. Automotive services, except repair (Code 750)

184. Automotive repair shops (Code 751)

185. Electrical repair shops (Code 752)

186. Miscellaneous repair services (Code 760)

Personal services:

187. Private households (Code 761)

188. Hotels and motels (Code 762)

189. Lodging places, except hotels and motels (Code 770)

190. Laundry, cleaning, and garment services (Code 771)

191. Beauty shops (Code 772)

192. Barber shops (Code 780)

193. Funeral service and crematories (Code 781)

194. Shoe repair shops (Code 782)

195. Dressmaking shops (Code 790)

196. Miscellaneous personal services (Code 791)

Entertainment and recreation services:

197. Theaters and motion pictures (Code 800)

198. Bowling alleys, billiard and pool parlors (Code 801)

199. Miscellaneous entertainment and recreation services (Code 802)

Professional and related services:

200. Offices of physicians (Code 812)

201. Offices of dentists (Code 820)

202. Offices of chiropractors (Code 821)

203. Offices of optometrists (Code 822)

204. Offices of health practitioners, n.e.c. (Code 830)

205. Hospitals (Code 831)

206. Nursing and personal care facilities (Code 832)

207. Health services, n.e.c. (Code 840)

208. Legal services (Code 841)

209. Elementary and secondary schools (Code 842)

210. Colleges and universities (Code 850)

211. Business, trade, and vocational schools (Code 851)

212. Libraries (Code 852)

213. Educational services, n.e.c. (Code 860)

214. Job training and vocational rehabilitation services (Code 861)

215. Child day care services (Code 862)

216. Residential care facilities, without nursing (Code 870)

217. Social services, n.e.c. (Code 871)

218. Museums, art galleries, and zoos (Code 872)

219. Religious organizations (Code 880)

220. Membership organizations (Code 881)

221. Engineering, architectural, and surveying services (Code 882)

222. Accounting, auditing, and bookkeeping services (Code 890)

223. Noncommercial educational and scientific research (Code 891)

224. Miscellaneous professional and related services (Code 892)

Public adminstration:

225. Executive and legislative offices, (Code 900)

General government, n.e.c. (Code 901):

226. Federal and state government

227. Local government

Justice, public order, and safety (Code 910):

228. Federal and state government

229. Local government

230. Public finance, taxation, and monetary policy (Code 921)

231. Administration of human resources programs (Code 922)

232. Administration of environmental quality and housing programs (Code 930)

233. Administration of economic programs (Code 931)

234. National security and international affairs (Code 932)