

Attachment 3: Attachment 3: 1980 Census Industry and Occupational Codes

- **1980 Industry Codes**
- **1980 Occupational Codes**

SOURCE: SOURCE: United States Bureau of the Census. *1980 Census of Population: Alphabetic Index of Industries and Occupations*. Washington, D.C.: U.S. Government Printing Office, 1981.

1980 CENSUS OF POPULATION: INDUSTRIAL CLASSIFICATION SYSTEM

- Agriculture, Forestry, and Fisheries (010-031)
- Mining (040-050)
- Construction (060)
- Manufacturing (100-392)
 - Non-durable (100-222)
 - Durable (230-392)
- Transportation, Communications, and Other Public Utilities (400-472)
- Wholesale Trade (500-571)
- Retail Trade (580-691)
- Finance, Insurance, and Real Estate (700-712)
- Business and Repair Services (721-760)
- Personal Services (761-791)
- Entertainment and Recreation Services (800-802)
- Professional and Related Services (812-892)
- Public Administration (900-990)

Equivalent numeric codes follow the alphabetic codes. Either code may be used, depending on the processing method. Numbers in parentheses following the industry categories are the 1977 Standard Industrial Classification definitions. The abbreviation "pt" means "part" and "n.e.c." means "not elsewhere classified."

AGRICULTURE, FORESTRY, AND FISHERIES

- A (010) Agricultural production, crops (01)
- 011 Agricultural production, livestock (02)
- 020 Agricultural services, except horticultural (07, except 078)
- 021 Horticultural services (078)

- 030 Forestry (08)
- 031 Fishing, hunting, and trapping (09)

MINING

- 040 Metal mining (10)
- 041 Coal mining (11,12)
- 042 Crude petroleum and natural gas extraction (13)
- 050 Nonmetallic mining and quarrying, except fuel (14)

CONSTRUCTION

- B (060) Construction (15, 16, 17)

MANUFACTURING

Nondurable goods

Food and kindred products

- 100 Meat products (201)
- 101 Dairy products (202)
- 102 Canned and preserved fruits and vegetables (203)
- 110 Grain mill products (204)
- 111 Bakery products (205)
- 112 Sugar and confectionery products (206)
- 120 Beverage industries (208)
- 121 Miscellaneous food preparations & kindred products (207, 209)
- 122 Not specified food industries
- 130 Tobacco manufactures (21)
- Textile mill products
- 132 Knitting mills (225)
- 140 Dyeing and finishing textiles, except wool and knit goods (226)
- 141 Floor coverings, except hard surface (227)
- 142 Yarn, thread, and fabric mills (228, 221 -224)
- 150 Miscellaneous textile mill products (229)

Apparel and other finished textile products

- 151 Apparel and accessories, except knit (231 -238)
- 152 Miscellaneous fabricated textile products (239)

Paper and allied products

- 160 Pulp, paper, and paperboard mills (261 -263, 266)
- 161 Miscellaneous paper and pulp products (264)
- 162 Paperboard containers and boxes (265)

Printing, publishing, and allied industries

- C (171) Newspaper publishing and printing (271)
- 172 Printing, publishing, and allied industries, except newspapers (272 -279)

Chemicals and allied products

- 180 Plastics, synthetics, and resins (282)
- 181 Drugs (283)
- 182 Soaps and cosmetics (284)
- 190 Paints, varnishes, and related products (285)
- 191 Agricultural chemicals (287)
- 192 Industrial and miscellaneous chemicals (281, 286, 289)

Petroleum and coal products

- 200 Petroleum refining (291)
- 201 Miscellaneous petroleum and coal products (295, 299)

Rubber and miscellaneous plastics products

- 210 Tires and inner tubes (301)
- 211 Other rubber products, and plastics footwear and belting (302 -304, 306)
- 212 Miscellaneous plastics products (307)

Leather and leather products

- 220 Leather tanning and finishing (311)
- 221 Footwear, except rubber and plastic (313, 314)
- 222 Leather products, except footwear (315 -317, 319)

Durable goods

Lumber and wood products, except furniture

- 230 Logging (241)
- 231 Sawmills, planing mills, and millwork (242,243)
- 232 Wood buildings and mobile homes (245)
- 241 Miscellaneous wood products (244,249)
- 242 Furniture and fixtures (25)

Stone, clay, glass, and concrete products

- 250 Glass and glass products (321 -323)
- 251 Cement, concrete, gypsum, and plaster products (324, 327)
- 252 Structural clay products (325)
- 261 Pottery and related products (326)
- 262 Miscellaneous nonmetallic mineral and stone products (328, 329)

Metal industries

- 270 Blast furnaces, steelworks, rolling and finishing mills (331)
- 271 Iron and steel foundries (332)
- 272 Primary aluminum industries (3334, pt 334, 3353 -3355, 3361)
- 280 Other primary metal industries (3331 -3333, 3339, pt 334, 3351, 3356, 3357, 3362, 3369, 339)
- 281 Cutlery, hand tools, and other hardware (342)
- 282 Fabricated structural metal products (344)
- 290 Screw machine products (345)
- 291 Metal forgings and stampings (346)
- 292 Ordnance (348)
- 300 Miscellaneous fabricated metal products (341, 343, 347, 349)
- 301 Not specified metal industries

Machinery, except electrical

- 310 Engines and turbines (351)
- 311 Farm machinery and equipment (352)
- 312 Construction and material handling machines (353)
- 320 Metalworking machinery (354)
- 321 Office and accounting machines (357, except 3573)
- 322 Electronic computing equipment (3573)
- 331 Machinery, except electrical, n.e.c. (355, 356, 358, 359)
- 332 Not specified machinery

Electrical machinery, equipment, and supplies

- 340 Household appliances (363)
- 341 Radio, TV, and communication equipment (365, 366)
- 342 Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
- 350 Not specified electrical machinery, equipment, and supplies

Transportation equipment

- 351 Motor vehicles and motor vehicle equipment (371)
- 352 Aircraft and parts (372)
- 360 Ship and boat building and repairing (373)
- 361 Railroad locomotives and equipment (374)
- 362 Guided missiles, space vehicles, and parts (376)
- 370 Cycles and miscellaneous transportation equipment (375, 379)

Professional and photographic equipment, and watches

- 371 Scientific and controlling instruments (381, 382)
- 372 Optical and health services supplies (383, 384, 385)
- 380 Photographic equipment and supplies (386)
- 381 Watches, clocks, and clock work operated devices (387)
- 382 Not specified professional equipment
- 390 Toys, amusement, and sporting goods (394)
- 391 Miscellaneous manufacturing industries (39, exc. 394)
- 392 Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

Transportation

- 400 Railroads (40)
- 401 Bus service and urban transit (41, except 412)
- 402 Taxicab service (412)
- 410 Trucking service (421,423)
- 411 Warehousing and storage (422)
- 412 U.S. Postal Service (43)
- 420 Water transportation (44)
- 421 Air transportation (45)
- 422 Pipe lines, except natural gas (46)
- 432 Services incidental to transportation (47)

Communications

- 440 Radio and television broadcasting (483)
- 441 Telephone (wire and radio) (481)
- 442 Telegraph and miscellaneous communication services (482, 489)
- Utilities and sanitary services
- 460 Electric light and power (491)
- 461 Gas and steam supply systems (492, 496)
- 462 Electric and gas, and other combinations (493)
- 470 Water supply and irrigation (494, 497)
- 471 Sanitary services (495)
- 472 Not specified utilities

WHOLESALE TRADE

Durable goods

- 500 Motor vehicles and equipment (501)
- 501 Furniture and home furnishings (502)

- 502 Lumber and construction materials (503)
- 510 Sporting goods, toys, and hobby goods (504)
- 511 Metals and minerals, except petroleum (505)
- 512 Electrical goods (506)
- 521 Hardware, plumbing and heating supplies (507)
- 522 Not specified electrical and hardware products
- 530 Machinery, equipment, and supplies (508)
- 531 Scrap and waste materials (5093)
- 532 Miscellaneous wholesale, durable goods (5094, 5099)

Nondurable goods

- 540 Paper and paper products (511)
- 541 Drugs, chemicals, and allied products (512, 516)
- 542 Apparel, fabrics, and notions (513)
- 550 Groceries and related products (514)
- 551 Farm -product raw materials (515)
- 552 Petroleum products (517)
- 560 Alcoholic beverages (518)
- 561 Farm supplies (5191)
- 562 Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
- 571 Not specified wholesale trade

RETAIL TRADE

- 580 Lumber and building material retailing (521, 523)
- 581 Hardware stores (525)
- 582 Retail nurseries and garden stores (526)
- 590 Mobile home dealers (527)
- D (591) Department stores (531)
- 592 Variety stores (533)
- 600 Miscellaneous general merchandise stores (539)
- E (601) Grocery stores (541)
- 602 Dairy products stores (545)
- 610 Retail bakeries (546)
- 611 Food stores, n.e.c.(542, 543, 544, 549)
- 612 Motor vehicle dealers (551, 552)
- 620 Auto and home supply stores (553)
- 621 Gasoline service stations (554)
- 622 Miscellaneous vehicle dealers (555,556,557,559)
- 630 Apparel and accessory stores, except shoe (56, except 566)
- 631 Shoe stores (566)

- 632 Furniture and home furnishings stores (571)
- 640 Household appliances, TV, and radio stores (572, 573)
- F (641) Eating and drinking places (58)
- 642 Drug stores (591)
- 650 Liquor stores (592)
- 651 Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
- 652 Book and stationery stores (5942, 5943)
- 660 Jewelry stores (5944)
- 661 Sewing, needlework, and piece goods stores (5949)
- 662 Mail order houses (5961)
- 670 Vending machine operators (5962)
- 671 Direct selling establishments (5963)
- 672 Fuel and ice dealers (598)
- 681 Retail florists (5992)
- 682 Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)
- 691 Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

- G (700) Banking (60)
- 701 Savings and loan associations (612)
- 702 Credit agencies, n.e.c. (61, except 612)
- 710 Security, commodity broker age, and investment companies (62, 67)
- H (711) Insurance (63, 64)
- 712 Real estate, including real estate -insurance -law offices (65,66)

BUSINESS AND REPAIR SERVICES

- 721 Advertising (731)
- 722 Services to dwellings and other buildings (734)
- 730 Commercial research, development, and testing labs (7391, 7397)
- 731 Personnel supply services (736)
- 732 Business management and consulting services (7392)
- 740 Computer and data processing services (737)
- 741 Detective and protective services (7393)
- 742 Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
- 750 Automotive services, except repair (751, 752, 754)
- 751 Automotive repair shops (753)
- 752 Electrical repair shops (762, 7694)
- 760 Miscellaneous repair services (763, 764, 7692, 7699)

PERSONAL SERVICES

- J (761) Private households (88)
- 762 Hotels and motels (701)
- 770 Lodging places, except hotels and motels (702, 703, 704)
- 771 Laundry, cleaning, and garment services (721)
- 772 Beauty shops (723)
- 780 Barber shops (724)
- 781 Funeral service and crematories (726)
- 782 Shoe repair shops (725)
- 790 Dressmaking shops (pt 729)
- 791 Miscellaneous personal services (722, pt 729)

ENTERTAINMENT AND RECREATION SERVICES

- 800 Theaters and motion pictures (78, 792)
- 801 Bowling alleys, billiard and pool parlors (793)
- 802 Miscellaneous entertainment and recreation services (791, 794, 799)

PROFESSIONAL AND RELATED SERVICES

- 812 Offices of physicians (801, 803)
- 820 Offices of dentists (802)
- 821 Offices of chiropractors (8041)
- 822 Offices of optometrists (8042)
- 830 Offices of health practitioners, n.e.c. (8049)
- K (831) Hospitals (806)
- 832 Nursing and personal care facilities (805)
- 840 Health services, n.e.c. (807, 808, 809)
- 841 Legal services (81)
- L (842) Elementary and secondary schools (821)
- M (850) Colleges and universities (822)
- 851 Business, trade, and vocational schools (824)
- 852 Libraries (823)
- 860 Educational services, n.e.c. (829)
- 861 Job training and vocational rehabilitation services (833)
- 862 Child day care services (835)
- 870 Residential care facilities, without nursing (836)
- 871 Social services, n.e.c. (832, 839)
- 872 Museums, art galleries, and zoos (84)
- 880 Religious organizations (866)
- 881 Membership organizations (861 -865, 869)

- 882 Engineering, architectural, and surveying services (891)
- 890 Accounting, auditing, and bookkeeping services (893)
- 891 Noncommercial educational and scientific research (892)
- 892 Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

- 900 Executive and legislative offices (911 -913)
- 901 General government, n.e.c. (919)
- 910 Justice, public order, and safety (92)
- 921 Public finance, taxation, and monetary policy (93)
- 922 Administration of human resources programs (94)
- 930 Administration of environmental quality and housing programs (95)
- 931 Administration of economic programs (96)
- 932 National security and international affairs (97)
- 990 INDUSTRY NOT REPORTED (Code used when not -reported cases are not allocated)

1980 Census of Population: Occupational Classification System

- Managerial and Professional Specialty Occupations (003 -199)
- Technical, Sales, and Administrative Support Occupations (203 -389)
- Service Occupations (403 -469)
- Farming, Forestry, and Fishing Occupations (473 -499)
- Precision Production, Craft, and Repair Occupations (503 -699)
- Operators, Fabricators, and Laborers (703 -999)

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MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

Executive, Administrative, and Managerial Occupations

- 003 Legislators (112)
- 004 Chief executives and general administrators, public administration (111)
- 005 Administrators and officials, public administration (pt 113 and 119, except 1136)
- 006 Administrators, protective services (pt 113)
- 007 Financial managers (122)
- 008 Personnel and labor relations managers (123)
- 009 Purchasing managers (124)
- 013 Managers, marketing, advertising, and public relations (125)
- 014 Administrators, education and related fields (128)
- 015 Managers, medicine and health (131)
- 016 Managers, properties and real estate (1353)
- 017 Postmasters and mail superintendents (1344)
- 018 Funeral directors (pt 1359)
- 019 Managers and administrators, n.e.c. (1136, 121, 126, 127, 132 -139, except 1344, 1353, pt 1359)

Management related occupations

- 023 Accountants and auditors (1412)
- 024 Underwriters (pt 1419)
- 025 Other financial officers (pt 1419)

- 026 Management analysts (142)
- 027 Personnel, training, and labor relations specialists (143)
- 028 Purchasing agents and buyers, farm products (pt 144)
- 029 Buyers, wholesale and retail trade, except farm products (432)
- 033 Purchasing agents and buyers, n.e.c. (pt 144)
- 034 Business and promotion agents (145)
- 035 Construction inspectors (1171, 618)
- 036 Inspectors and compliance officers, exc. construction (1172, 147)
- 037 Management related occupations, n.e.c. (149)

Professional Specialty Occupations

- 043 Architects (15)

Engineers, surveyors and mapping scientists

- 044 Aerospace engineers (1622)
- 045 Metallurgical and materials engineers (1623)
- 046 Mining engineers (1624)
- 047 Petroleum engineers (1625)
- 048 Chemical engineers (1626)
- 049 Nuclear engineers (1627)
- 053 Civil engineers (1628)
- 054 Agricultural engineers (1632)
- 055 Electrical and electronic engineers (1633, 1636)
- 056 Industrial engineers (1634)
- 057 Mechanical engineers (1635)
- 058 Marine engineers and naval architects (1637)
- 059 Engineers, n.e.c. (1639)
- 063 Surveyors and mapping scientists (1642)

Mathematical and computer scientists

- 064 Computer systems analysts and scientists (171)
- 065 Operations and systems researchers and analysts (172)
- 066 Actuaries (1732)
- 067 Statisticians (1733)
- 068 Mathematical scientists, n.e.c. (1739)

Natural scientists

- 069 Physicists and astronomers (1842, 1843)
- 073 Chemists, except biochemists (1845)
- 074 Atmospheric and space scientists (1846)

- 075 Geologists and geodesists (1847)
- 076 Physical scientists, n.e.c. (1849)
- 077 Agricultural and food scientists (1853)
- 078 Biological and life scientists (1854, 1859)
- 079 Forestry and conservation scientists (1852)
- 083 Medical scientists (1855)

Health diagnosing occupations

- 084 Physicians (261)
- 085 Dentists (262)
- 086 Veterinarians (27)
- 087 Optometrists (281)
- 088 Podiatrists (283)
- 089 Health diagnosing practitioners, n.e.c. (289)

Health assessment and treating occupations

- 095 Registered nurses (29)
- 096 Pharmacists (301)
- 097 Dietitians (302)

Therapists

- 098 Inhalation therapists (pt 303)
- 099 Occupational therapists (pt 303)
- 103 Physical therapists (pt 303)
- 104 Speech therapists (pt 303)
- 105 Therapists, n.e.c. (pt 303)
- 106 Physicians' assistants (304)

Teachers, postsecondary

- 113 Earth, environmental, and marine science teachers (2212)
- 114 Biological science teachers (2213)
- 115 Chemistry teachers (2214)
- 116 Physics teachers (2215)
- 117 Natural science teachers, n.e.c. (2216)
- 118 Psychology teachers (2217)
- 119 Economics teachers (2218)
- 123 History teachers (2222)
- 124 Political science teachers (2223)
- 125 Sociology teachers (2224)
- 126 Social science teachers, n.e.c. (2225)

- 127 Engineering teachers (2226)
- 128 Mathematical science teachers (2227)
- 129 Computer science teachers (2228)
- 133 Medical science teachers (pt 2232)
- 134 Health specialties teachers (pt 2232)
- 135 Business, commerce, and marketing teachers (2233)
- 136 Agriculture and forestry teachers (2234)
- 137 Art, drama, and music teachers (2235)
- 138 Physical education teachers (2236)
- 139 Education teachers (2237)
- 143 English teachers (2238)
- 144 Foreign language teachers (2242)
- 145 Law teachers (2243)
- 146 Social work teachers (2244)
- 147 Theology teachers (2245)
- 148 Trade and industrial teachers (2246)
- 149 Home economics teachers (pt 2249)
- 153 Teachers, postsecondary, n.e.c. (pt 2249)
- 154 Postsecondary teachers, subject not specified

Teachers, except post secondary

- 155 Teachers, prekindergarten and kindergarten (231)
- N (156) Teachers, elementary school (232)
- P (157) Teachers, secondary school (233)
- 158 Teachers, special education (235)
- 159 Teachers, n.e.c. (234, 239)
- 163 Counselors, educational and vocational (24)

Librarians, archivists, and curators

- 164 Librarians (251)
- 165 Archivists and curators (252)

Social scientists and urban planners

- 166 Economists (1912)
- 167 Psychologists (1915)
- 168 Sociologists (1916)
- 169 Social scientists, n.e.c. (1913, 1914, 1919)
- 173 Urban planners (192)

Social, recreation, and religious workers

- 174 Social workers (2032)
- 175 Recreation workers (2033)
- 1776 Clergy (2042)
- 177 (2049)

Lawyers and judges

- 178 Lawyers (211)
- 179 Judges (212)

Writers, artists, entertainers, and athletes

- 183 Authors (pt 321)
- 184 Technical writers (pt 321)
- 185 Designers (322)
- 186 Musicians and composers (323)
- 187 Actors and directors (324)
- 188 Painters, sculptors, craft -artists, and artist printmakers (325, pt 7263)
- 189 Photographers (326)
- 193 Dancers (327)
- 194 Artists, performers, and related workers, n.e.c. (328, 329)
- 195 Editors and reporters (331)
- 197 Public relations specialists (332)
- 198 Announcers (333)
- 199 Athletes (34)

TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support Occupations

Health technologists and technicians

- 203 Clinical laboratory technologists and technicians (362)
- 204 Dental hygienists (363)
- 205 Health record technologists and technicians (364)
- 206 Radiologic technicians (365)
- 207 Licensed practical nurses (366)
- 208 Health technologists and technicians, n.e.c. (369)

Technologists and technicians, except health

Engineering and related technologists and technicians

- 213 Electrical and electronic technicians (3711)
- 214 Industrial engineering technicians (3712)

- 215 Mechanical engineering technicians (3713)
- 216 Engineering technicians, n.e.c. (3719)
- 217 Drafting occupations (3721)
- 218 Surveying and mapping technicians (3722)

Science technicians

- 223 Biological technicians (382)
- 224 Chemical technicians (3831)
- 225 Science technicians, n.e.c. (3832, 3833, 384, 389)

Technicians, except health, engineering, and science

- 226 Airplane pilots and navigators (645)
- 227 Air traffic controllers (391)
- 228 Broadcast equipment operators (392)
- 229 Computer programmers (3931, 3932)
- 233 Tool programmers, numerical control (3934)
- 234 Legal assistants (396)
- 235 Technicians, n.e.c. (399)

Sales Occupations

- 243 Supervisors and proprietors, sales occupations (40, pt 4518)

Sales occupations, business goods and services

- 253 Insurance sales occupations (4222)
- 254 Real estate sales occupations (4223)
- 255 Securities and financial services sales occupations (4224)
- 256 Advertising and related sales occupations (4253)
- 257 Sales occupations, other business services (4252)
- 258 Sales engineers (pt 16)
- 259 Sales representatives, mining, manufacturing, and wholesale (412, 413)

Sales occupations, personal goods and services

- 263 Sales workers, motor vehicles and boats (4142, 4144)
- 264 Sales workers, apparel (pt 4146)
- 265 Sales workers, shoes (pt 4146)
- 266 Sales workers, furniture and home furnishings (4148)
- 267 Sales workers, radio, television, hi -fi, and appliances (4143, 4152)
- 268 Sales workers, hardware and building supplies (4153)
- 269 Sales workers, parts (4167)
- 274 Sales workers, other commodities (4145, 4147, 4154, 4 156, 4159, pt 4162, 4169, 4259, 4665)

- 275 Sales counter clerks (pt 4162)
- Q (276) Cashiers (4683)
- 277 Street and door -to-door sales workers (4163)
- 278 News vendors (4165)

Sales related occupations

- 283 Demonstrators, promoters and models, sales (435)
- 284 Auctioneers (pt 439)
- 285 Sales support occupations, n.e.c. (434, 436, pt 439)

Administrative Support Occupations, including Clerical

Supervisors, administrative support occupations

- 303 Supervisors, general office (4511 -4514, 4516, pt 4518, 4519, 4529, 4537)
- 304 Supervisors, computer equipment operators (4535)
- 305 Supervisors, financial records processing (4521, 4536)
- 306 Chief communications operators (4515)
- 307 Supervisors; distribution, scheduling, and adjusting clerks (4522 -4528)

Computer equipment operators

- 308 Computer operators (4852)
- 309 Peripheral equipment operators (4853)

Secretaries, stenographers, and typists

- R (313) Secretaries (4612)
- 314 Stenographers (4613)
- 315 Typists (4622)

Information clerks

- 316 Interviewers (4642)
- 317 Hotel clerks (4643)
- 318 Transportation ticket and reservation agents (4644)
- 319 Receptionists (4645)
- 323 Information clerks, n.e.c. (4649)

Records processing occupations, except financial

- 325 Classified -ad clerks (4662)
- 326 Correspondence clerks (4663)
- 327 Order clerks (4664)
- 328 Personnel clerks, except payroll and timekeeping (4692)
- 329 Library clerks (4694)
- 335 File clerks (4696)

336 Records clerks (4693, 4699)

Financial records processing occupations

S (337) Bookkeepers, accounting, and auditing clerks (4712)

338 Payroll and timekeeping clerks (4713)

339 Billing clerks (4715)

343 Cost and rate clerks (4716)

344 Billing, posting, and calculating machine operators (486)

Duplicating, mail and other office machine operators

345 Duplicating machine operators (4872)

346 Mail preparing and paper handling machine operators (4873)

347 Office machine operators, n.e.c. (4879)

Communications equipment operators

348 Telephone operators (4652)

349 Telegraphers (4623)

353 Communications equipment operators, n.e.c. (4659)

Mail and message distributing occupations

354 Postal clerks, exc. mail carriers (4723)

355 Mail carriers, postal service (4733)

356 postal service (4722)

357 Messengers (4732)

Material recording, scheduling, and distributing clerks, n.e.c.

359 Dispatchers (4741)

363 Production coordinators (4742)

364 Traffic, shipping, and receiving clerks (4743)

365 Stock and inventory clerks (4744)

366 Meter readers (4745)

367 Weighers, measurers, and checkers (4746)

369 Samplers (4747)

373 Expenditures (4748)

374 Material recording, scheduling, and distributing clerks, n.e.c. (4749)

Adjusters and investigators

375 Insurance adjusters, examiners, and investigators (4782)

376 Investigators and adjusters, except insurance (4783)

377 Eligibility clerks, social welfare (4784)

378 Bill and account collectors (4786)

Miscellaneous administrative support occupations

- 379 General office clerks (4632)
- 383 Bank tellers (4682)
- 384 Proofreaders (4792)
- 385 Data -entry keyers (4624)
- 386 Statistical clerks (4717)
- 387 Teachers' aides (4695)
- 389 Administrative support occupations, n.e.c. (4787, 4799)

SERVICE OCCUPATIONS

Private Household Occupations

- 403 Launderers and ironers (533)
- 404 Cooks, private household (534)
- 405 Housekeepers and butlers (535)
- 406 Child care workers, private household (536)
- T (407) Private household cleaners and servants (532, 537, 539)

Protective Service Occupations

Supervisors, protective service occupations

- 413 Supervisors, firefighting and fire prevention occupations (5011)
- 414 Supervisors, police and detectives (5012)
- 415 Supervisors, guards (5013)

Firefighting and fire prevention occupations

- 416 Fire inspection and fire prevention occupations (5112)
- 417 Firefighting occupations (5113)

Police and detectives

- 418 Police and detectives, public service (5122)
- 423 Sheriffs, bailiffs, and other law enforcement officers (512 4)
- 424 Correctional institution officers (5133)

Guards

- 426 Crossing guards (5132)
- 427 Guards and police, exc. public service (5134)
- 428 Protective service occupations, n.e.c. (5139)

Service Occupations, Except Protective and Private Household

Food preparation and service occupations

- 433 Supervisors; food preparation and service occupations (5021)
- 434 Bartenders (5212)
- U (435) Waiters and waitresses (5213)
- 436 Cooks, except short order (5214)
- 437 Short -order cooks (5215)
- 438 Food counter, fountain and related occupations (5216)
- 439 Kitchen workers, food preparation (5217)
- 443 Waiters'/waitresses' assistants' (5218)
- 444 Miscellaneous food preparation occupations (5219)

Health service occupations

- 445 Dental assistants (5232)
- 446 Health aides, except nursing (5233)
- 447 Nursing aides, orderlies, and attendants (5236)

Cleaning and building service occupations, except private household

- 448 Supervisors, cleaning and building service workers (5024)
- 449 Maids and housemen (5242, 5249)
- V (453) Janitors and cleaners (5244)
- 454 Elevator operators (5245)
- 455 Pest control occupations (5246)

Personal service occupations

- 456 Supervisors, personal service occupations (5025)
- 457 Barbers (5251)
- 458 Hairdressers and cosmetologists (5252)
- 459 Attendants, amusement and recreation facilities (5253)
- 463 Guides (5254)
- 464 Ushers (5255)
- 465 Public transportation attendants (5256)
- 466 Baggage porters and bellhops (5258)
- 467 Welfare service aides (5262)
- 468 Child care workers, except private household (5263)
- 469 Personal service occupations, n.e.c. (5257, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm operators and managers

- W (473) Farmers, except horticultural (5512 -5514)
- 474 Horticultural specialty farmers (5515)

475 Managers, farms, except horticultural (5522 -5524)

476 Managers, horticultural specialty farms (5525)

Other agricultural and related occupations

Farm occupations, except managerial

477 Supervisors, farm workers (5611)

479 Farm workers (5612 -5617)

483 Marine life cultivation workers (5618)

484 Nursery workers (5619)

Related agricultural occupations

485 Supervisors, related agricultural occupations (5621)

486 Groundskeepers and gardeners, except farm (5622)

487 Animal caretakers, except farm (5624)

488 Graders and sorters, agricultural products (5625)

489 Inspectors, agricultural products (5627)

Forestry and logging occupations

494 Supervisors, forestry and logging workers (571)

495 Forestry workers, except logging (572)

496 Timber cutting and logging occupations (573, 579)

Fishers, hunters, and trappers

497 Captains and other officers, fishing vessels (582)

498 Fishers (583)

499 Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and repairers

503 Supervisors, mechanics and repairers (66)

Mechanics and repairers, except supervisors

Vehicle and mobile equipment mechanics and repairers

X (505) Automobile mechanics (6711)

506 Automobile mechanic apprentices (pt 6711)

507 Bus, truck, and stationary engine mechanics (6712)

508 Aircraft engine mechanics (6713)

509 Small engine repairers (6714)

514 Automobile body and related repairers (6715)

515 Aircraft mechanics, exc. engine (6716)

- 516 Heavy equipment mechanics (6717)
- 517 Farm equipment mechanics (6718)
- 518 Industrial machinery repairers (673)
- 519 Machinery maintenance occupations (674)

Electrical and electronic equipment repairers

- 523 Electronic repairers, communications and industrial equipment (6751, 6753, 6755)
- 525 Data processing equipment repairers (6754)
- 526 House hold appliance and power tool repairers (6756)
- 527 Telephone line installers and repairers (6757)
- 529 Telephone installers and repairers (6758)
- 533 Miscellaneous electrical and electronic equipment repairers (6752, 6759)
- 534 Heating, air conditioning, and refrigeration mechanics (676)

Miscellaneous mechanics and repairers

- 549 Camera, watch, and musical instrument repairers (6771, 6772)
- Locksmiths and safe repairers (6773)
- Office machine repairers (6774)
- Mechanical controls and valve repairers (6775)
- Elevator installers and repairers (6776)
- Millwrights (6778)
- Specified mechanics and repairers, n.e.c. (6777, 6779)
- Not specified mechanics and repairers

Construction trades

Supervisors, construction occupations

- 553 Supervisors; brickmasons, stonemasons, and tile setters (6012)
- 554 Supervisors; carpenters and related workers (6013)
- 555 Supervisors, electricians and power transmission installers (6014)
- 556 Supervisors; painters, paperhangers, and plasterers (6015)
- 557 Supervisors; plumbers, pipefitters, and steam fitters (6016)
- 558 Supervisors, n.e.c. (6011, 6018)

Construction trades, except supervisors

- 563 Brickmasons and stone masons (6112, 6113)
- 564 Brickmason and stone mason apprentices (pt 6112 -6113)
- 565 Tile setters, hard and soft (6114, pt 6162)
- 566 Carpet installers (pt 6162)
- Y (567) Carpenters (6122)
- 569 Carpenter apprentices (pt 6122)

- 573 Drywall installers (6124)
- 575 Electricians (6132)
- 576 Electrician apprentices (pt 6312)
- 577 Electrical power installers and repairers (6133)
- 579 Painters, construction and maintenance (6142)
- 583 Paperhangers (6143)
- 584 Plasterers (6144)
- 585 Plumbers, pipefitters, and steamfitters (6150)
- 587 Plumber, pipefitter, and steamfitter apprentices (pt 6150)
- 588 Concrete and terrazzo finishers (6163)
- 589 Glaziers (6164)
- 593 Insulation workers (6165)
- 594 Paving, surfacing, and tamping equipment operators (6166)
- 595 Roofers (6168)
- 596 Sheetmetal duct installers (6172)
- 597 Structural metal workers (6173)
- 598 Drillers, earth (6174)
- 599 Construction trades, n.e.c. (6167, 6175, 6176, 6179)

Extractive occupations

- 613 Supervisors, extractive occupations (602)
- 614 Drillers, oil well (622)
- 615 Explosives workers (623)
- 616 Mining machine operators (624)
- 617 Mining occupations, n.e.c. (626)

Precision production occupations

- 633 Supervisors, production occupations (pt 711, 712)

Precision metal working occupations

- 634 Tool and die makers (7211)
- 635 Tool and die maker apprentices (pt 7211)
- 636 Precision assemblers, metal (7212)
- 637 Machinists (7213)
- 639 Machinist apprentices (pt 7213)
- 643 Boilermakers (7214)
- 644 Precision grinders, fitters, and tool sharpeners (7216)
- 645 Patternmakers and model makers, metal (7217)
- 646 Lay-out workers (7221)
- 647 Precious stones and metal workers (jewelers)(7222, 7266)

- 649 Engravers, metal (7223)
- 653 Sheet metal workers (7 224)
- 654 Sheet metal worker apprentices (pt 7224)
- 655 Miscellaneous precision metal workers (7229)

Precision woodworking occupations

- 656 Patternmakers and model makers, wood (7231)
- 657 Cabinet makers and bench carpenters (7232)
- 658 Furniture and wood finishers (pt 7234, pt 7756)
- 659 Miscellaneous precision woodworkers (pt 7234, 7239)

Precision textile, apparel, and furnishings machine workers

- 666 Dressmakers (7251, pt 7752)
- 667 Tailors (7252)
- 668 Upholsterers (7253)
- 669 Shoe repairers (7254)
- 673 Apparel and fabric pattern makers (pt 7259)
- 674 Miscellaneous precision apparel and fabric workers (pt 7259, pt 7752)

Precision workers, assorted materials

- 675 Hand molders and shapers, except jewelers (7261)
- 676 Patternmakers, lay -out workers, and cutters (7262)
- 677 Optical goods workers (7264, pt 7677)
- 678 Dental laboratory and medical appliance technicians (7265)
- 679 Bookbinders (pt 7249, pt 7449)
- 683 Electrical and electronic equipment assemblers (7267)
- 684 Miscellaneous precision workers, n.e.c. (7269)

Precision food production occupations

- 686 Butchers and meat cutters (7271)
- 687 Bakers (7272)
- 688 Food batchmakers (7273, 7279)

Precision inspectors, testers, and related workers

- 689 Inspectors, testers, and graders (7281)
- 693 Adjusters and calibrators (7282)

Plant and system operators

- 694 Water and sewage treatment plant operators (791)
- 695 Power plant operators (pt 793)
- 696 Stationary engineers (pt 793, 7668)

699 Miscellaneous plant and system operators (792, 794, 795, 796)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine operators and tenders, except precision

Metalworking and plastic working machine operators

- 703 Lathe and turning machine set-up operators (7312)
- 704 Lathe and turning machine operators (7512)
- 705 Milling and planing machine operators (7313, 7513)
- 706 Punching and stamping press machine operators (7314, 7317, 7514, 7517)
- 707 Rolling machine operators (7316, 7516)
- 708 Drilling and boring machine operators (7318, 7518)
- 709 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
- 713 Forging machine operators (7319, 7519)
- 714 Numerical control machine operators (7326)
- 715 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
- 717 Fabricating machine operators, n.e.c. (7339, 7539)

Metal and plastic processing machine operators

- 719 Molding and casting machine operators (7315, 7342, 7515, 7542)
- 723 Metal plating machine operators (7343, 7543)
- 724 Heat treating equipment operators (7344, 7544)
- 725 Miscellaneous metal and plastic processing machine operators (7349, 7549)

Woodworking machine operators

- 726 Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
- 727 Sawing machine operators (7433, 7633)
- 728 Shaping and joining machine operators (7435, 7635)
- 729 Nailing and tacking machine operators (7636)
- 733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)

Printing machine operators

- 734 Printing machine operators (7443, 7643)
- 735 Photoengravers and lithographers (7242, 7444, 7644)
- 736 Typesetters and compositors (7241, 7442, 7642)
- 737 Miscellaneous printing machine operators (pt 7249, pt 7449, 7649)

Textile, apparel, and furnishings machine operators

- 738 Winding and twisting machine operators (7451, 7651)

- 739 Knitting, looping, taping, and weaving machine operators (7452, 7652)
- 743 Textile cutting machine operators (7654)
- 744 Textile sewing machine operators (7655, pt 7656)
- 745 Shoe machine operators (pt 7656, pt 7659)
- 747 Pressing machine operators (7657)
- 748 Laundering and dry cleaning machine operators (7255, 7658)
- 749 Miscellaneous textile machine operators (7453, 7653, pt 7659)

Machine operators, assorted materials

- 753 Cementing and gluing machine operators (7661)
- 754 Packaging and filling machine operators (7462,7662)
- 755 Extruding and forming machine operators (7463, 7663)
- 756 Mixing and blending machine operators (7664)
- 757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
- 758 Compressing and compacting machine operators (7467, 7667)
- 759 Painting and paint spraying machine operators (7669)
- 763 Roasting and baking machine operators, food (7472, 7672)
- 764 Washing, cleaning, and pickling machine operators (7673)
- 765 Folding machine operators (7474, 7674)
- 766 Furnace, kiln, and oven operators, exc. food (7668, 7671, 7675)
- 768 Crushing and grinding machine operators (7477, pt 7677)
- 769 Slicing and cutting machine operators (7478 , 7678)
- 773 Motion picture projectionists (pt 7679)
- 774 Photographic process machine operators (pt 7263, pt 7679)
- 777 Miscellaneous machine operators, n.e.c. (7479, 7665, pt 7679)
- 779 Machine operators, not specified

Fabricators, assemblers, and hand working occupations

- 783 Welders and cutters (7332, 7532, 7714)
- 784 Solderers and brazers (7333, 7533, 7717)
- 785 Assemblers (772, 774)
- 786 Hand cutting and trimming occupations (7753)
- 787 Hand molding, casting, and forming occupations (7754, 7755)
- 789 Hand painting, coating, and decorating occupations (pt 7756)
- 793 Hand engraving and printing occupations (7757)
- 794 Hand grinding and polishing occupations (7758)
- 795 Miscellaneous hand working occupations (7 759)

Production inspectors, testers, samplers, and weighers

- 796 Production inspectors, checkers, and examiners (782, 786, 787)

- 797 Production testers (783)
- 798 Production samplers and weighers (784)
- 799 Graders and sorters, except agricultural (785)

Transportation and Material Moving Occupations

Motor vehicle operators

- 803 Supervisors, motor vehicle operators (6311)
- Z (804) Truck drivers, heavy (6412, 6413)
- 805 Truck drivers, light (6414)
- 806 Driver -sales workers (433)
- 808 Bus drivers (6415)
- 809 Taxicab drivers and chauffeurs (6416)
- 813 Parking lot attendants (6417)
- 814 Motor transportation occupations, n.e.c. (6419)

Transportation occupations, except motor vehicles

Rail transportation occupations

- 823 Railroad conductors and yardmasters (6313)
- 824 Locomotive operating occupations (6432)
- 825 Railroad brake, signal, and switch operators (6433)
- 826 Rail vehicle operators, n.e.c. (6439)

Water transportation occupations

- 828 Ship captains and mates, except fishing boats (6441, 6442)
- 829 Sailors and deckhands (6443)
- 833 Marine engineers (6444)
- 834 Bridge, lock and lighthouse tenders (6445)

Material moving equipment operators

- 843 Supervisors, material moving equipment operators (632)
- 844 Operating engineers (6512)
- 845 Longshore equipment operators (6513)
- 848 Hoist and winch operators (6514)
- 849 Crane and tower operators (6515)
- 853 Excavating and loading machine operators (6516)
- 855 Grader, dozer, and scraper operators (6517)
- 856 Industrial truck and tractor equipment operators (6518)
- 859 Miscellaneous material moving equipment operators (6519, pt 659)

Handlers, Equipment Cleaners, Helpers, and Laborers

- 863 Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (pt 711)
- 863 Helpers, mechanics and repairers (679)

Helpers, construction and extractive occupations

- 865 Helpers, construction trades (6191 -6195, 6198)
- 866 Helpers, surveyor (6196)
- 867 Helpers, extractive occupations (629)
- 869 Construction laborers (81)
- 873 Production helpers (769, 779)

Freight, stock, and material movers, hand

- 875 Garbage collectors (822)
- 876 Stevedores (823)
- 877 Stock handlers and baggers (824)
- 883 Machine feeders and offbearers (825)
- 885 Freight, stock, and material movers, hand, n.e.c. (649, 826)
- 885 Garage and service station related occupations (672)
- 887 Vehicle washers and equipment cleaners (83)
- 888 Hand packers and packagers (841)
- 889 Laborers, except construction (842, 846, pt 659)
- 999 OCCUPATION NOT REPORTED (Code used when not -reported cases not allocated)