Attachment 3: 1980 Census Industry and Occupational Codes

- 1980 Industry Codes
- 1980 Occupational Codes


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**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."

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**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)
  Other primary metal industries (3331-3333, 3339, pt 334, 3351, 3356, 3357, 3362, 3369, 339)
280 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**

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

**ENTERTAINMENT AND RECREATION SERVICES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>800</td>
<td>Theaters and motion pictures (78, 792)</td>
</tr>
<tr>
<td>801</td>
<td>Bowling alleys, billiard and pool parlors (793)</td>
</tr>
<tr>
<td>802</td>
<td>Miscellaneous entertainment and recreation services (791, 794, 799)</td>
</tr>
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</table>

**PROFESSIONAL AND RELATED SERVICES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>812</td>
<td>Offices of physicians (801, 803)</td>
</tr>
<tr>
<td>820</td>
<td>Offices of dentists (802)</td>
</tr>
<tr>
<td>821</td>
<td>Offices of chiropractors (8041)</td>
</tr>
<tr>
<td>822</td>
<td>Offices of optometrists (8042)</td>
</tr>
<tr>
<td>830</td>
<td>Offices of health practitioners, n.e.c. (8049)</td>
</tr>
<tr>
<td>K (831)</td>
<td>Hospitals (806)</td>
</tr>
<tr>
<td>832</td>
<td>Nursing and personal care facilities (805)</td>
</tr>
<tr>
<td>840</td>
<td>Health services, n.e.c. (807, 808, 809)</td>
</tr>
<tr>
<td>841</td>
<td>Legal services (81)</td>
</tr>
<tr>
<td>L (842)</td>
<td>Elementary and secondary schools (821)</td>
</tr>
<tr>
<td>M (850)</td>
<td>Colleges and universities (822)</td>
</tr>
<tr>
<td>851</td>
<td>Business, trade, and vocational schools (824)</td>
</tr>
<tr>
<td>852</td>
<td>Libraries (823)</td>
</tr>
<tr>
<td>860</td>
<td>Educational services, n.e.c. (829)</td>
</tr>
<tr>
<td>861</td>
<td>Job training and vocational rehabilitation services (833)</td>
</tr>
<tr>
<td>862</td>
<td>Child day care services (835)</td>
</tr>
</tbody>
</table>
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)

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

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)
Veterinarians (27)
Optometrists (281)
Podiatrists (283)
Health diagnosing practitioners, n.e.c. (289)

Health assessment and treating occupations
Registered nurses (29)
Pharmacists (301)
Dietitians (302)

Therapists
Inhalation therapists (pt 303)
Occupational therapists (pt 303)
Physical therapists (pt 303)
Speech therapists (pt 303)
Therapists, n.e.c. (pt 303)
Physicians' assistants (304)

Teachers, postsecondary
Earth, environmental, and marine science teachers (2212)
Biological science teachers (2213)
Chemistry teachers (2214)
Physics teachers (2215)
Natural science teachers, n.e.c. (2216)
Psychology teachers (2217)
Economics teachers (2218)
History teachers (2222)
Political science teachers (2223)
Sociology teachers (2224)
Social science teachers, n.e.c. (2225)
Engineering teachers (2226)
Mathematical science teachers (2227)
Computer science teachers (2228)
Medical science teachers (pt 2232)
Health specialties teachers (pt 2232)
Business, commerce, and marketing teachers (2233)
Agriculture and forestry teachers (2234)
Art, drama, and music teachers (2235)
Physical education teachers (2236)
Education teachers (2237)
English teachers (2238)
Foreign language teachers (2242)
Law teachers (2243)
Social work teachers (2244)
Theology teachers (2245)
Trade and industrial teachers (2246)
Home economics teachers (pt 2249)
Teachers, postsecondary, n.e.c. (pt 2249)
154 Postsecondary teachers, subject not specified

Teachers, except post secondary

155 Teachers, prekindergarten and kindergarten (231)
156 Teachers, elementary school (232)
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)
176 Clergy (2042)
177 Religious workers, n.e.c. (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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>203</td>
<td>Clinical laboratory technologists and technicians (362)</td>
</tr>
<tr>
<td>204</td>
<td>Dental hygienists (363)</td>
</tr>
<tr>
<td>205</td>
<td>Health record technologists and technicians (364)</td>
</tr>
<tr>
<td>206</td>
<td>Radiologic technicians (365)</td>
</tr>
<tr>
<td>207</td>
<td>Licensed practical nurses (366)</td>
</tr>
<tr>
<td>208</td>
<td>Health technologists and technicians, n.e.c. (369)</td>
</tr>
</tbody>
</table>

**Technologists and technicians, except health**

*Engineering and related technologists and technicians*

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
</tr>
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<tbody>
<tr>
<td>213</td>
<td>Electrical and electronic technicians (3711)</td>
</tr>
<tr>
<td>214</td>
<td>Industrial engineering technicians (3712)</td>
</tr>
<tr>
<td>215</td>
<td>Mechanical engineering technicians (3713)</td>
</tr>
<tr>
<td>216</td>
<td>Engineering technicians, n.e.c. (3719)</td>
</tr>
<tr>
<td>217</td>
<td>Drafting occupations (3721)</td>
</tr>
<tr>
<td>218</td>
<td>Surveying and mapping technicians (3722)</td>
</tr>
</tbody>
</table>

*Science technicians*

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
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</thead>
<tbody>
<tr>
<td>223</td>
<td>Biological technicians (382)</td>
</tr>
<tr>
<td>224</td>
<td>Chemical technicians (3831)</td>
</tr>
<tr>
<td>225</td>
<td>Science technicians, n.e.c. (3832, 3833, 384, 389)</td>
</tr>
</tbody>
</table>

*Technicians, except health, engineering, and science*

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>226</td>
<td>Airplane pilots and navigators (645)</td>
</tr>
<tr>
<td>227</td>
<td>Air traffic controllers (391)</td>
</tr>
<tr>
<td>228</td>
<td>Broadcast equipment operators (392)</td>
</tr>
<tr>
<td>229</td>
<td>Computer programmers (3931, 3932)</td>
</tr>
<tr>
<td>233</td>
<td>Tool programmers, numerical control (3934)</td>
</tr>
<tr>
<td>234</td>
<td>Legal assistants (396)</td>
</tr>
<tr>
<td>235</td>
<td>Technicians, n.e.c. (399)</td>
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**Sales Occupations**

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>243</td>
<td>Supervisors and proprietors, sales occupations (40, pt 4518)</td>
</tr>
</tbody>
</table>

*Sales occupations, business goods and services*

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>253</td>
<td>Insurance sales occupations (4222)</td>
</tr>
<tr>
<td>254</td>
<td>Real estate sales occupations (4223)</td>
</tr>
<tr>
<td>255</td>
<td>Securities and financial services sales occupations (4224)</td>
</tr>
<tr>
<td>256</td>
<td>Advertising and related sales occupations (4253)</td>
</tr>
<tr>
<td>257</td>
<td>Sales occupations, other business services (4252)</td>
</tr>
<tr>
<td>258</td>
<td>Sales engineers (pt 16)</td>
</tr>
<tr>
<td>259</td>
<td>Sales representatives, mining, manufacturing, and wholesale (412, 413)</td>
</tr>
</tbody>
</table>

*Sales occupations, personal goods and services*

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
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<tbody>
<tr>
<td>263</td>
<td>Sales workers, motor vehicles and boats (4142, 4144)</td>
</tr>
</tbody>
</table>
Sales workers, apparel (pt 4146)
Sales workers, shoes (pt 4146)
Sales workers, furniture and home furnishings (4148)
Sales workers, radio, television, hi-fi, and appliances (4143, 4152)
Sales workers, hardware and building supplies (4153)
Sales workers, parts (4167)
Sales workers, other commodities (4145, 4147, 4154, 4156, 4159, pt 4162, 4169, 4259, 4665)
Sales counter clerks (pt 4162)
Cashiers (4683)
Street and door-to-door sales workers (4163)
News vendors (4165)

Sales related occupations

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

Administrative Support occupations, Including Clerical

Supervisors, administrative support occupations

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

Computer equipment operators

Computer operators (4852)
Peripheral equipment operators (4853)

Secretaries, stenographers, and typists

Secretaries (4612)
Stenographers (4613)
Typists (4622)

Information clerks

Interviewers (4642)
Hotel clerks (4643)
Transportation ticket and reservation agents (4644)
Receptionists (4645)
Information clerks, n.e.c. (4649)

Records processing occupations, except financial

Classified-ad clerks (4662)
Correspondence clerks (4663)
Order clerks (4664)
Personnel clerks, except payroll and timekeeping (4692)
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  Mail clerks, exc. 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)
368  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 (5124)
424  Correctional institution officers (5133)

Guards

425  Crossing guards (5132)
426  Guards and police, exc. public service (5134)
427  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)
Nursing aides, orderlies, and attendants (5236)

Cleaning and building service occupations, except private household

Supervisors, cleaning and building service workers (5024)
Maids and housemen (5242, 5249)
Janitors and cleaners (5244)
Elevator operators (5245)
Pest control occupations (5246)

Personal service occupations

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

Farming, forestry, and fishing occupations

Farm operators and managers

Farmers, except horticultural (5512-5514)
Horticultural specialty farmers (5515)
Managers, farms, except horticultural (5522-5524)
Managers, horticultural specialty farms (5525)

Other agricultural and related occupations

Farm occupations, except managerial
Supervisors, farm workers (5611)
Farm workers (5612-5617)
Marine life cultivation workers (5618)
Nursery workers (5619)

Related agricultural occupations
Supervisors, related agricultural occupations (5621)
Groundskeepers and gardeners, except farm (5622)
Animal caretakers, except farm (5624)
Graders and sorters, agricultural products (5625)
Inspectors, agricultural products (5627)

Forestry and logging occupations
Supervisors, forestry and logging workers (571)
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  Household 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
535  Camera, watch, and musical instrument repairers (6771, 6772)
536  Locksmiths and safe repairers (6773)
538  Office machine repairers (6774)
539  Mechanical controls and valve repairers (6775)
543  Elevator installers and repairers (6776)
544  Millwrights (6778)
547  Specified mechanics and repairers, n.e.c. (6777, 6779)
549  Not specified mechanics and repairers

Construction trades

Supervisors, construction occupations
Supervisors; brickmasons, stonemasons, and tile setters (6012)
Supervisors; carpenters and related workers (6013)
Supervisors, electricians and power transmission installers (6014)
Supervisors; painters, paperhangers, and plasterers (6015)
Supervisors; plumbers, pipefitters, and steam fitters (6016)
Supervisors, n.e.c. (6011, 6018)

Construction trades, except supervisors

Brickmasons and stone masons (6112, 6113)
Brickmason and stone mason apprentices (pt 6112-6113)
Tile setters, hard and soft (6114, pt 6162)
Carpet installers (pt 6162)
Carpenters (6122)
Drywall installers (6124)
Electricians (6132)
Electrician apprentices (pt 6312)
Electrical power installers and repairers (6133)
Painters, construction and maintenance (6142)
Paperhangers (6143)
Concrete and terrazzo finishers (6163)
Glaziers (6164)
Insulation workers (6165)
Paving, surfacing, and tamping equipment operators (6166)
Roofers (6168)
Sheetmetal duct installers (6172)
Structural metal workers (6173)
Drillers, earth (6174)
Construction trades, n.e.c. (6167, 6175, 6176, 6179)

Extractive occupations

Supervisors, extractive occupations (602)
Drillers, oil well (622)
Explosives workers (623)
Mining machine operators (624)
Mining occupations, n.e.c. (626)

Precision production occupations

Supervisors, production occupations (pt 711, 712)

Precision metal working occupations

Tool and die makers (7211)
Tool and die maker apprentices (pt 7211)
Precision assemblers, metal (7212)
Machinists (7213)
Machinist apprentices (pt 7213)
Boilermakers (7214)
Precision grinders, fitters, and tool sharpeners (7216)
Patternmakers and model makers, metal (7217)
Lay-out workers (7221)
Precious stones and metal workers (jewelers)(7222, 7266)
Engravers, metal (7223)
Sheet metal workers (7224)
Sheet metal worker apprentices (pt 7224)
Miscellaneous precision metal workers (7229)

**Precision woodworking occupations**

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

**Precision textile, apparel, and furnishings machine workers**

Dressmakers (7251, pt 7752)
Tailors (7252)
Upholsterers (7253)
Shoe repairers (7254)
Apparel and fabric pattern makers (pt 7259)
Miscellaneous precision apparel and fabric workers (pt 7259, pt 7752)

**Precision workers, assorted materials**

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

**Precision food production occupations**

Butchers and meat cutters (7271)
Bakers (7272)
Food batchmakers (7273, 7279)

**Precision inspectors, testers, and related workers**

Inspectors, testers, and graders (7281)
Adjusters and calibrators (7282)

**Plant and system operators**

Water and sewage treatment plant operators (791)
Power plant operators (pt 793)
Stationary engineers (pt 793, 7668)
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)
23

Fabricators, assemblers, and hand working occupations

Fabricators, assemblers, and hand working occupations

Production inspectors, testers, samplers, and weighers

Transportation and Material Moving Occupations

Motor vehicle operators

Transportation occupations, except motor vehicles

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

Water transportation occupations
Ship captains and mates, except fishing boats (6441, 6442)
Sailors and deckhands (6443)
Marine engineers (6444)
Bridge, lock and lighthouse tenders (6445)

Material moving equipment operators
Supervisors, material moving equipment operators (632)
Operating engineers (6512)
Longshore equipment operators (6513)
Hoist and winch operators (6514)
Crane and tower operators (6515)
Excavating and loading machine operators (6516)
Grader, dozer, and scraper operators (6517)
Industrial truck and tractor equipment operators (6518)
Miscellaneous material moving equipment operators (6519, pt 659)

Handlers, Equipment Cleaners, Helpers, and Laborers
Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (pt 711)
Helpers, mechanics and repairers (679)

Helpers, construction and extractive occupations
Helpers, construction trades (6191-6195, 6198)
Helpers, surveyor (6196)
Helpers, extractive occupations (629)
Construction laborers (81)
Production helpers (769, 779)

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