

1980 Census of Population and Housing Alphabetical Index of Occupations and Industries. Technical Documentation

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ALPHABETICAL INDEX OF OCCUPATIONS AND INDUSTRIES

TECHNICAL DOCUMENTATION

The documentation consists of the following materials:

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NOTE

Questions about the accompanying 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

Alphabetical Index of Occupations
and Industries [machine-readable data file] /
developed by the U.S. Bureau of the Census.--
Washington: Bureau of the Census [producer
and distributor], 1987.

TYPE OF FILE:

Reference file.

SUBJECT-MATTER DESCRIPTION:

The file contains industry and occupation titles and associated codes found in the report, 1980 Census of Population, Alphabetical Index of Industries and Occupations (PHC80-R3). These codes are used in the 1980 Census of Population, Current Population Survey, and other demographic surveys conducted by the Bureau of the Census.

Titles are presented in two record types: Industry (approximately 20,000 titles) and Occupation (approximately 29,000 titles). A third record type called "Special Notice Records" cross-references titles having the same meaning or provides coding information.

TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular.

FILE SIZE: 49,476 logical records; 234 character logical record length

FILE SORT SEQUENCE: Industry title records in serial number sequence, followed by occupation title records in serial number sequence, followed by special notice records in serial number sequence.

REFERENCE MATERIALS:

"Alphabetical Index of Occupations and Industries Technical Documentation." The documentation consists of this abstract and a record layout of the file. One copy accompanies each file order. When ordered separately, it is available for \$5 from Data User Services Division, Customer Services (Documentation), Bureau of the Census, Washington, D.C. 20233.

RELATED PRINTED REPORTS:

1980 Census of Population, Alphabetical Index of Industries and Occupations (PHC80-R3). This report features approximately 20,000 industry and 29,000 occupation titles in alphabetical order. These lists are of specific industries and occupations developed over time and continuously updated through review of census and survey questionnaires. Available from the U.S.

Government Printing Office, Washington, D.C. 20402. S/N 003-024-04939-2. \$11. Also available on 5 microfiche from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233. \$5.

1980 Census of Population, Classified Index of Industries and Occupations (PHC80-R4). This index lists the same titles found in the Alphabetical Index of Industries and Occupations in industry code and occupational code order rather than alphabetical order. Available from the U.S. Government Printing Office, Washington, D.C. 20402. S/N 003-024-05002-1. \$8.50. Also available on 4 microfiche from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233. \$5.

FILE AVAILABILITY:

The file is available on 1 reel at 1600 or 6250 bpi for \$175. It may be ordered from Data User Services Division using the order form on the following page.

ATTACHMENT 2

Relationship of the File to Corresponding Published Reports

The discussion below briefly describes the published reports that relate to this data file, and annotate the relationship between fields found on the data file and those on the report.

The data file contains the industry and occupation titles and associated codes found in the report, 1980 Census of Population, Alphabetical Index of Industries and Occupations (PHC80-R3). This report contains a text and two listings. The first list contains about 20,000 industry titles and their associated codes; the second list contains about 29,000 occupation titles and their associated codes.

Each list is in alphabetical order. Looking at the "Alphabetical Index" closely one will note, however, that there are a few exceptions to the alphabetical order. For example, the last two lines in the listing indented under "advertising" are "specialties (mfg)," and "N.s." The N.s stands for "not specified" and is listed last even though it is out of alphabetical sort. Therefore, users should not sort the file if they want it to remain in the same order as the published Index.

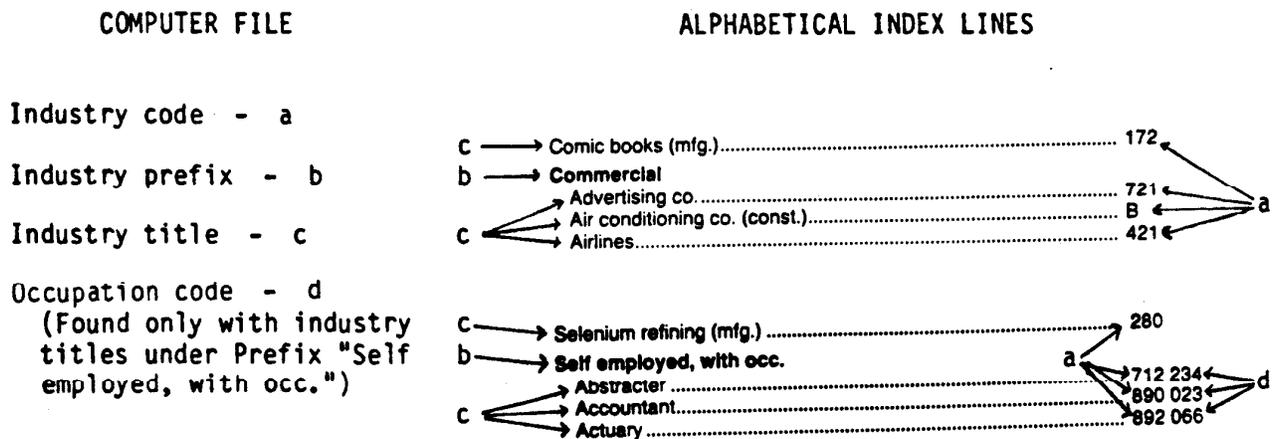
A second related published report, the 1980 Census of Population, Classified Index of Industries and Occupations (PHC80-R4) lists the same titles found in the Alphabetical Index in industry code and occupation code order rather than alphabetical order.

The file contains a third record type called "Special Notice Records." On the computer file these records are in a separate listing following the industry and occupation listings. In the Alphabetical Index they are alphabetized among the industry and occupation titles, but they are not included in the Classified Index. These "Special Notice Records" are intended to help persons coding from the Alphabetical Index find similar industry (or occupation) titles. For example, the first such record for industry, found on page I-1, is "Adult education - See 'School, night.'" The first such record for occupation, found on page O-2, is "Actor's agent - See 'Booking agent.'" These Special Notice Records simply direct you to another title that has the same meaning as the title you are looking for.

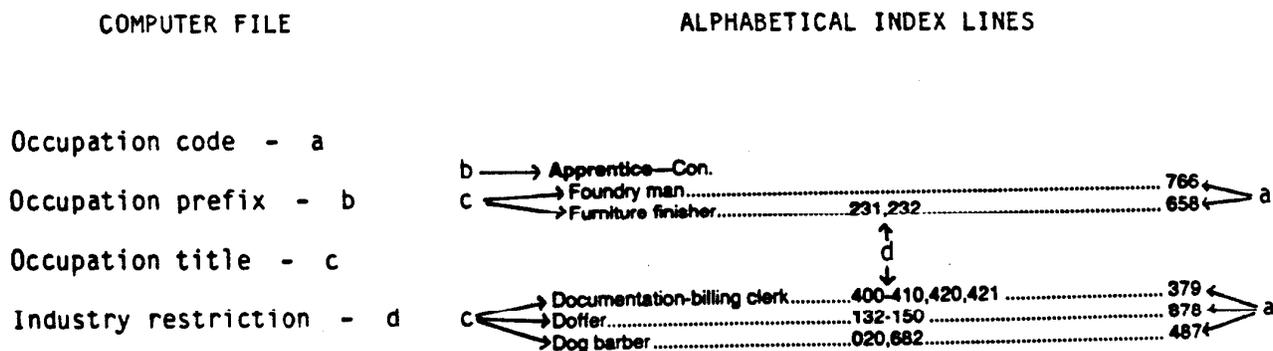
On the following two pages are examples showing the relationship between the machine-readable file and the published report.

Relationship Between Fields on the Data File
and the Published Report
Alphabetical Index of Industries and Occupations

Industry Data Records



Occupation Data Records



Special Notice Records

Industry

COMPUTER FILE

ALPHABETICAL INDEX LINES

Special notice field - a

- Commodity inspection service, exc. transportation..... 742
- a → Common carrier—code as transportation by type of vehicle
- Commonwealth—see 'State'
- Communication equipment (mfg.) 341

Occupation

COMPUTER FILE

ALPHABETICAL INDEX LINES

Special notice field - a

- Alterations workroom clerkD,630,661 363
- a → Alterer—See 'Alteration hand'
- Alterationist—See 'Alteration hand'
- Altitude-chamber technician 215

ATTACHMENT 3

Record Description

The file consists of three record types: Industry, Occupation and Special Notice records. A record-type code is present to distinguish these records. Industry title records are in serial number sequence, followed by occupation title records in serial number sequence, followed by special notice records in serial number sequence. Attachment 4 shows an example of industry record sequence and special characters appearing on the file.

Characters

1-5
6
7
8-9
10-12

13-18
19-60
61-156
157-159

160-234

Industry Record Description

Serial Number
Serial Number Check Digit
Record Type (0 = Industry Record)
Not Used
Industry Code (left justified numeric or
alphabetic code)
Not Used
Industry Prefix
Industry Title
Occupation Code (left justified numeric or
alphabetic code)
Not Used

Characters

1-5
6
7
8-9
10-12

13-18
19-60
61-156
157-228

229-234

Occupation Record Description

Serial Number
Serial Number Check Digit
Record Type (1 = Occupation Record)
Not Used
Occupation Code (left justified numeric or
alphabetic code)
Not Used
Occupation Prefix
Occupation Title
Occupation Restriction (left justified numeric
and/or words or alphabetic codes)
Not Used

Characters

1-5
6
7
8-12
13-192
193-234

Special Notice Record Description

Serial Number
Serial Number Check Digit
Record Type (2 = Special Notice Record)
Not Used
Special Notice Field
Not Used

Example Printouts of the File Industry Records

1000080	881	A. A. A. AMERICAN AUTOMOBILE ASSOCIATION<
1000160	650	A. B. C. LIQUOR RET.<
1000240	741	A. D. T. AMERICAN DISTRICT TELEGRAPH<
1000320	881	A. F. OF L. AMERICAN FEDERATION OF LABOR<
1000400	881	AMVETS AMERICAN VETERANS OF WORLD WAR II<
1000570	881	A. S. C. A. P. AMERICAN SOCIETY OF COMPOSERS, ARTISTS AND PUBLISHERS<
1000650	031	ABALONE BOAT
1000730	121	ABALONE PROCESSING XMGF.<
1000810	100	ABATTOIR XMGF.<
1000990	372	ABDOMINAL SUPPORTS XMGF.<
1001070	840	ABORTION CLINIC
1001150	371	ABRASION TESTING MACHINES XMGF.<
1001230	262	ABRASIVE BRICKS XMGF.<
1001310	262	ABRASIVE CLOTH XMGF.<
1001490	372	ABRASIVE DISKS, DENTAL XMGF.<
1001560	262	ABRASIVE DISKS, EXC. DENTAL XMGF.<
1001640	262	ABRASIVE GRAINS XMGF.<
1001720	372	ABRASIVE GRINDING WHEELS, DENTAL XMGF.<
1001800	262	ABRASIVE GRINDING WHEELS, EXC. DENTAL XMGF.<
1001980	262	ABRASIVE PAPER XMGF.<
1002060	372	ABRASIVE POINTS, DENTAL XMGF.<
1002140	262	ABRASIVE POINTS, EXC. DENTAL XMGF.<
1002220	050	ABRASIVE SAND DREDGE XEXT.<
1002300	262	ABRASIVE STICKS XMGF.<

NOTE: % indicates left parenthesis; < indicates right parenthesis.

Industry Records

1012610	421	AERIAL RESCUE SERVICE
1012790	020	AERIAL SEED SOWING
1012870	020	AERIAL SPRAYING
1012950	882	AERIAL SURVEYING
1013030	030	AERIAL TREE SEEDING
1013110	371	AERONAUTICAL INSTRUMENTS XMFG.<
1013290	362	AEROSPACE XMFG.<
1013370	870	AFTER-CARE HOME
1013450	282	AFTERCOOLERS XMFG.<
1013520	050	AGATE TEXT.<
1013600	871	AGENT OR AGENCY
1013780	721	AGENT OR AGENCY
1013860	742	AGENT OR AGENCY
1013940	742	AGENT OR AGENCY
1014020	742	AGENT OR AGENCY
1014100	702	AGENT OR AGENCY
1014280	871	AGENT OR AGENCY
1014360	712	AGENT OR AGENCY
1014440	742	AGENT OR AGENCY
1014510	742	AGENT OR AGENCY
1014690	741	AGENT OR AGENCY
1014770	791	AGENT OR AGENCY
1014850	731	AGENT OR AGENCY
1014930	800	AGENT OR AGENCY

NOTE: % indicates left parenthesis; < indicates right parenthesis; @ indicates an apostrophe.

Industry Records*

3509910	612	SELF EMPLOYED, WITH OCC. 243	ANTIQUA DEALER, AUTO RET.<
3510070	682	SELF EMPLOYED, WITH OCC. 243	ANTIQUA DEALER, EXC. AUTO
3510150	712	SELF EMPLOYED, WITH OCC. 016	APARTMENT HOUSE MANAGER
3510230	021	SELF EMPLOYED, WITH OCC. 077	ARBORIST
3510310	882	SELF EMPLOYED, WITH OCC. 043	ARCHITECT
3510490	752	SELF EMPLOYED, WITH OCC. 533	ARMATURE REMINDER
3510560	391	SELF EMPLOYED, WITH OCC. 785	ARTIFICIAL FLOWER MAKER
3510640	742	SELF EMPLOYED, WITH OCC. 188	ARTIST, COMMERCIAL
3510720	840	SELF EMPLOYED, WITH OCC. 188	ARTIST, MEDICAL
3510800	892	SELF EMPLOYED, WITH OCC. 188	ARTIST, EXC. COMMERCIAL AND MEDICAL
3510980	841	SELF EMPLOYED, WITH OCC. 178	ATTORNEY
3511060	742	SELF EMPLOYED, WITH OCC. 284	AUCTIONEER
3511140	890	SELF EMPLOYED, WITH OCC. 023	AUDITOR
3511220	892	SELF EMPLOYED, WITH OCC. 183	AUTHOR
3511300	742	SELF EMPLOYED, WITH OCC. 034	AUTHORS AGENT
3511480	751	SELF EMPLOYED, WITH OCC. 514	AUTO MECHANIC, BODY
3511550	751	SELF EMPLOYED, WITH OCC. X	AUTO MECHANIC, EXC. BODY
3511630	751	SELF EMPLOYED, WITH OCC. 759	AUTO PAINTER
3511710	610	SELF EMPLOYED, WITH OCC. 687	BAKER
3511890	780	SELF EMPLOYED, WITH OCC. 457	BARBER
3511970	F	SELF EMPLOYED, WITH OCC. 434	BARTENDER
3512050	241	SELF EMPLOYED, WITH OCC. 728	BASKET MAKER
3512130	772	SELF EMPLOYED, WITH OCC. 458	BEAUTICIAN
3512210	772	SELF EMPLOYED, WITH OCC.	BEAUTY OPERATOR

*Occupation code appears on second line for each example in this printout.

NOTE: % indicates left parenthesis; < indicates right parenthesis.

Occupation Records

5000661	777	ABALONE PROCESSOR
5000741	829	ABLE SEAMAN
5000821	167	ABNORMAL PSYCHOLOGIST
5000901	799	ABRASIVE GRADER
5001081	768	ABRASIVE GRINDER
5001161	756	ABRASIVE MIXER
5001241	758	ABRASIVE WHEEL MOLDER
5001321	709	ABRASIVE WORKER
5001401	757	ABSORBER OPERATOR
5001571	757	ABSORPTION-PLANT OPERATOR
5001651	234	ABSTRACT CLERK
5001731	234	ABSTRACT SEARCHER
5001811	234	ABSTRACT WRITER
5001991	234	ABTRACTER
5002071	225	ACCELERATOR OPERATOR
5002151	329	ACCESSIONER
5002231	375	ACCIDENT INVESTIGATOR
5002311	418	ACCIDENT INVESTIGATOR
5002491	375	ACCIDENT INVESTIGATOR
5002561	375	ACCIDENT INVESTIGATOR
5002641	418	ACCIDENT-PREVENTION SQUAD POLICE OFFICER
5002721	186	ACCOMPANIST
5002801	659	ACCORDION MAKER
5002981	535	ACCORDION TUNER
102		
1420		
262		
262		
200		
X712<		
U. S. LIBRARY OF CONGRESS 852		
401		
POLICE 910		
INSURANCE CO. H		
TRUCKING CO. 420		
X300<		
!391		

NOTE: ! indicates a code for bold type; % indicates left parenthesis; < indicates right parenthesis.

Industrial Classification System - 1980 Census of Population

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 SIC definitions. The abbreviation "pt" means "part" and "n.e.c." means "not elsewhere classified."

Industry code	Industry category	Industry code	Industry category
AGRICULTURE, FORESTRY, AND FISHERIES		MANUFACTURING—Con.	
A (010)	Agricultural production, crops (01)	Nondurable Goods—Con.	
011	Agricultural production, livestock (02)	Paper and allied products	
020	Agricultural services, except horticultural (07, except 078)	160	Pulp, paper, and paperboard mills (261-263, 266)
021	Horticultural services (078)	161	Miscellaneous paper and pulp products (264)
030	Forestry (08)	162	Paperboard containers and boxes (265)
031	Fishing, hunting, and trapping (09)	Printing, publishing, and allied industries	
		C (171)	Newspaper publishing and printing (271)
		172	Printing, publishing, and allied industries, except newspapers (272-279)
MINING		Chemicals and allied products	
040	Metal mining (10)	180	Plastics, synthetics, and resins (282)
041	Coal mining (11, 12)	181	Drugs (283)
042	Crude petroleum and natural gas extraction (13)	182	Soaps and cosmetics (284)
050	Nonmetallic mining and quarrying, except fuel (14)	190	Paints, varnishes, and related products (285)
		191	Agricultural chemicals (287)
		192	Industrial and miscellaneous chemicals (281, 286, 289)
B (060)	CONSTRUCTION (15, 16, 17)	200	Petroleum and coal products
		201	Petroleum refining (291)
			Miscellaneous petroleum and coal products (295, 299)
MANUFACTURING		210	Rubber and miscellaneous plastics products
Nondurable Goods		211	Tires and inner tubes (301)
Food and kindred products		212	Other rubber products, and plastics footwear and belting (302-304, 306)
100	Meat products (201)		Miscellaneous plastics products (307)
101	Dairy products (202)	Leather and leather products	
102	Canned and preserved fruits and vegetables (203)	220	Leather tanning and finishing (311)
110	Grain mill products (204)	221	Footwear, except rubber and plastic (313, 314)
111	Bakery products (205)	222	Leather products, except footwear (315-317, 319)
112	Sugar and confectionery products (206)		
120	Beverage industries (208)	Durable Goods	
121	Miscellaneous food preparations and kindred products (207, 209)	Lumber and wood products, except furniture	
122	Not specified food industries	230	Logging (241)
130	Tobacco manufactures (21)	231	Sawmills, planing mills, and millwork (242, 243)
Textile mill products		232	Wood buildings and mobile homes (245)
132	Knitting mills (225)	241	Miscellaneous wood products (244, 249)
140	Dyeing and finishing textiles, except wool and knit goods (226)	242	Furniture and fixtures (25)
141	Floor coverings, except hard surface (227)	250	Stone, clay, glass, and concrete products
142	Yarn, thread, and fabric mills (228, 221-224)	251	Glass and glass products (321-323)
150	Miscellaneous textile mill products (229)		Cement, concrete, gypsum, and plaster products (324, 327)
Apparel and other finished textile products		252	Structural clay products (325)
151	Apparel and accessories, except knit (231-238)	261	Pottery and related products (326)
152	Miscellaneous fabricated textile products (239)	262	Miscellaneous nonmetallic mineral and stone products (328, 329)

Industrial Classification System - 1980 Census of Population

Industry code	Industry category	Industry code	Industry category
	MANUFACTURING—Con. Durable Goods—Con.		TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
	Metal industries		Transportation
270	Blast furnaces, steelworks, rolling and finishing mills (331)	400	Railroads (40)
271	Iron and steel foundries (332)	401	Bus service and urban transit (41, except 412)
272	Primary aluminum industries (3334, pt 334, 3353-3355, 3361)	402	Taxicab service (412)
280	Other primary metal industries (3331-3333, 3339, pt 334, 3351, 3356, 3357, 3362, 3369, 339)	410	Trucking service (421, 423)
281	Cutlery, hand tools, and other hardware (342)	411	Warehousing and storage (422)
282	Fabricated structural metal products (344)	412	U.S. Postal Service (43)
290	Screw machine products (345)	420	Water transportation (44)
291	Metal forgings and stampings (346)	421	Air transportation (45)
292	Ordnance (348)	422	Pipe lines, except natural gas (46)
300	Miscellaneous fabricated metal products (341, 343, 347, 349)	432	Services incidental to transportation (47)
301	Not specified metal industries		Communications
	Machinery, except electrical	440	Radio and television broadcasting (483)
310	Engines and turbines (351)	441	Telephone (wire and radio) (481)
311	Farm machinery and equipment (352)	442	Telegraph and miscellaneous communication services (482, 489)
312	Construction and material handling machines (353)		Utilities and sanitary services
320	Metalworking machinery (354)	460	Electric light and power (491)
321	Office and accounting machines (357, except 3573)	461	Gas and steam supply systems (492, 496)
322	Electronic computing equipment (3573)	462	Electric and gas, and other combinations (493)
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)	470	Water supply and irrigation (494, 497)
332	Not specified machinery	471	Sanitary services (495)
	Electrical machinery, equipment, and supplies	472	Not specified utilities
340	Household appliances (363)		WHOLESALE TRADE
341	Radio, TV, and communication equipment (365, 366)		Durable Goods
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)	500	Motor vehicles and equipment (501)
350	Not specified electrical machinery, equipment, and supplies	501	Furniture and home furnishings (502)
	Transportation equipment	502	Lumber and construction materials (503)
351	Motor vehicles and motor vehicle equipment (371)	510	Sporting goods, toys, and hobby goods (504)
352	Aircraft and parts (372)	511	Metals and minerals, except petroleum (505)
360	Ship and boat building and repairing (373)	512	Electrical goods (506)
361	Railroad locomotives and equipment (374)	521	Hardware, plumbing and heating supplies (507)
362	Guided missiles, space vehicles, and parts (376)	522	Not specified electrical and hardware products
370	Cycles and miscellaneous transportation equipment (375, 379)	530	Machinery, equipment, and supplies (508)
	Professional and photographic equipment, and watches	531	Scrap and waste materials (5093)
371	Scientific and controlling instruments (381, 382)	532	Miscellaneous wholesale, durable goods (5094, 5099)
372	Optical and health services supplies (383, 384, 385)		Nondurable Goods
380	Photographic equipment and supplies (386)	540	Paper and paper products (511)
381	Watches, clocks, and clockwork operated devices (387)	541	Drugs, chemicals, and allied products (512, 516)
382	Not specified professional equipment	542	Apparel, fabrics, and notions (513)
390	Toys, amusement, and sporting goods (394)	550	Groceries and related products (514)
391	Miscellaneous manufacturing industries (39 exc. 394)	551	Farm products—raw materials (515)
392	Not specified manufacturing industries	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

Industrial Classification System - 1980 Census of Population

Indus- try code	Industry category	Indus- try code	Industry category
	PROFESSIONAL AND RELATED SERVICES—Con.		PUBLIC ADMINISTRATION—Con.
870	Residential care facilities, without nursing (836)	910	Justice, public order, and safety (92)
871	Social services, n.e.c. (832, 839)	921	Public finance, taxation, and monetary policy (93)
872	Museums, art galleries, and zoos (84)	922	Administration of human resources programs (94)
880	Religious organizations (866)	930	Administration of environmental quality and housing programs (95)
881	Membership organizations (861-865, 869)	931	Administration of economic programs (96)
882	Engineering, architectural, and surveying services (891)	932	National security and international affairs (97)
890	Accounting, auditing, and bookkeeping services (893)		
891	Noncommercial educational and scientific research (892)		
892	Miscellaneous professional and related services (899)		
	PUBLIC ADMINISTRATION	990	INDUSTRY NOT REPORTED¹
900	Executive and legislative offices (911-913)		
901	General government, n.e.c. (919)		

Code used when not-reported cases are not allocated.

Occupational Classification System - 1980 Census of Population

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 1980 Standard Occupational Classification code equivalents. The abbreviation "pt" means "part" and "n.e.c." means "not elsewhere classified."

Occu- pation code	Occupation category	Occu- pation code	Occupation category
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS		MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.	
Executive, Administrative, and Managerial Occupations		Professional Specialty Occupations—Con.	
		Engineers, architects, and surveyors—Con.	
		Engineers—Con.	
003	Legislators (111)	048	Chemical engineers (1626)
004	Chief executives and general administrators, public administration (112)	049	Nuclear engineers (1627)
005	Administrators and officials, public administration (1132-1139)	053	Civil engineers (1628)
006	Administrators, protective services (1131)	054	Agricultural engineers (1632)
007	Financial managers (122)	055	Electrical and electronic engineers (1633, 1636)
008	Personnel and labor relations managers (123)	056	Industrial engineers (1634)
009	Purchasing managers (124)	057	Mechanical engineers (1635)
013	Managers, marketing, advertising, and public relations (125)	058	Marine engineers and naval architects (1637)
014	Administrators, education and related fields (128)	059	Engineers, n.e.c. (1639)
015	Managers, medicine and health (131)	063	Surveyors and mapping scientists (164)
016	Managers, properties and real estate (1353)	Mathematical and computer scientists	
017	Postmasters and mail superintendents (1344)	064	Computer systems analysts and scientists (171)
018	Funeral directors (pt 1359)	065	Operations and systems researchers and analysts (172)
019	Managers and administrators, n.e.c. (121, 126, 127, 132-139, except 1344, 1353, pt 1359)	066	Actuaries (1732)
	Management related occupations	067	Statisticians (1733)
		068	Mathematical scientists, n.e.c. (1739)
023	Accountants and auditors (1412)	Natural scientists	
024	Underwriters (1414)	069	Physicists and astronomers (1842, 1843)
025	Other financial officers (1415, 1419)	073	Chemists, except biochemists (1845)
026	Management analysts (142)	074	Atmospheric and space scientists (1846)
027	Personnel, training, and labor relations specialists (143)	075	Geologists and geodesists (1847)
028	Purchasing agents and buyers, farm products (1443)	076	Physical scientists, n.e.c. (1849)
029	Buyers, wholesale and retail trade, except farm products (1442)	077	Agricultural and food scientists (1853)
033	Purchasing agents and buyers, n.e.c. (1449)	078	Biological and life scientists (1854)
034	Business and promotion agents (145)	079	Forestry and conservation scientists (1852)
035	Construction inspectors (1472)	083	Medical scientists (1855)
036	Inspectors and compliance officers, exc. construc- tion (1473)	Health diagnosing occupations	
037	Management related occupations, n.e.c. (149)	084	Physicians (261)
	Professional Specialty Occupations	085	Dentists (262)
		086	Veterinarians (27)
	Engineers, architects, and surveyors	087	Optometrists (281)
043	Architects (161)	088	Podiatrists (283)
	Engineers	089	Health diagnosing practitioners, n.e.c. (289)
044	Aerospace engineers (1622)	Health assessment and treating occupations	
045	Metallurgical and materials engineers (1623)	095	Registered nurses (29)
046	Mining engineers (1624)	096	Pharmacists (301)
047	Petroleum engineers (1625)	097	Dietitians (302)
			Therapists
		098	Inhalation therapists (3031)
		099	Occupational therapists (3032)
		103	Physical therapists (3033)
		104	Speech therapists (3034)
		105	Therapists, n.e.c. (3039)

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Occupation code	Occupation category	Occupation code	Occupation category
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.		MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.	
Professional Specialty Occupations—Con.		Professional Specialty Occupations—Con.	
	Health assessment and treating occupations—Con.		Social, recreation, and religious workers
106	Physicians' assistants (304)	174	Social workers (2032)
	Teachers, postsecondary	175	Recreation workers (2033)
113	Earth, environmental, and marine science teachers (2212)	176	Clergy (2042)
	Biological science teachers (2213)	177	Religious workers, n.e.c. (2049)
114	Chemistry teachers (2214)		Lawyers and judges
115	Physics teachers (2215)	178	Lawyers (211)
116	Natural science teachers, n.e.c. (2216)	179	Judges (212)
117	Psychology teachers (2217)		Writers, artists, entertainers, and athletes
118	Economics teachers (2218)	183	Authors (321)
119	History teachers (2222)	184	Technical writers (398)
123	Political science teachers (2223)	185	Designers (322)
124	Sociology teachers (2224)	186	Musicians and composers (323)
125	Social science teachers, n.e.c. (2225)	187	Actors and directors (324)
126	Engineering teachers (2226)	188	Painters, sculptors, craft-artists, and artist printmakers (325)
127	Mathematical science teachers (2227)	189	Photographers (326)
128	Computer science teachers (2228)	193	Dancers (327)
129	Medical science teachers (2231)	194	Artists, performers, and related workers, n.e.c. (328, 329)
133	Health specialties teachers (2232)		Editors and reporters (331)
134	Business, commerce, and marketing teachers (2233)	195	Public relations specialists (332)
135	Agriculture and forestry teachers (2234)	197	Announcers (333)
136	Art, drama, and music teachers (2235)	198	Athletes (34)
137	Physical education teachers (2236)	199	
138	Education teachers (2237)		TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
139	English teachers (2238)		Technicians and Related Support Occupations
143	Foreign language teachers (2242)		Health technologists and technicians
144	Law teachers (2243)		Clinical laboratory technologists and technicians (362)
145	Social work teachers (2244)		Dental hygienists (363)
146	Theology teachers (2245)		Health record technologists and technicians (364)
147	Trade and industrial teachers (2246)		Radiologic technicians (365)
148	Home economics teachers (2247)		Licensed practical nurses (366)
149	Teachers, postsecondary, n.e.c. (2249)	203	Health technologists and technicians, n.e.c. (369)
153	Postsecondary teachers, subject not specified	204	Technologists and technicians, except health
154	Teachers, except postsecondary	205	Engineering and related technologists and technicians
	Teachers, prekindergarten and kindergarten (231)	206	Electrical and electronic technicians (3711)
155	Teachers, elementary school (232)	207	Industrial engineering technicians (3712)
N (156)	Teachers, secondary school (233)	208	Mechanical engineering technicians (3713)
P (157)	Teachers, special education (235)		Engineering technicians, n.e.c. (3719)
158	Teachers, n.e.c. (236, 239)		Drafting occupations (372)
159	Counselors, educational and vocational (24)		Surveying and mapping technicians (373)
163	Librarians, archivists, and curators	213	Science technicians
	Librarians (251)	214	Biological technicians (382)
164	Archivists and curators (252)	215	Chemical technicians (3831)
	Social scientists and urban planners	216	Science technicians, n.e.c. (3832, 3833, 384, 389)
166	Economists (1912)	217	
167	Psychologists (1915)	218	
168	Sociologists (1916)	223	
169	Social scientists, n.e.c. (1913, 1914, 1919)	224	
173	Urban planners (192)	225	

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Occupation code	Occupation category	Occupation code	Occupation category
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS—Con.		TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS—Con.	
Technicians and Related Support Occupations—Con.		Administrative Support Occupations, Including Clerical—Con.	
	Technicians, except health, engineering, and science		Supervisors, administrative support occupations—Con.
226	Airplane pilots and navigators (825)		Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
227	Air traffic controllers (392)	307	Computer equipment operators
228	Broadcast equipment operators (393)		Computer operators (4612)
229	Computer programmers (3971, 3972)	308	Peripheral equipment operators (4613)
233	Tool programmers, numerical control (3974)	309	Secretaries, stenographers, and typists
234	Legal assistants (396)		Secretaries (4622)
235	Technicians, n.e.c. (399)		Stenographers (4623)
			Typists (4624)
	Sales Occupations	R (313)	Information clerks
		314	Interviewers (4642)
243	Supervisors and proprietors, sales occupations (40)	315	Hotel clerks (4643)
	Sales representatives, finance and business services		Transportation ticket and reservation agents (4644)
253	Insurance sales occupations (4122)	316	Receptionists (4645)
254	Real estate sales occupations (4123)	317	Information clerks, n.e.c. (4649)
255	Securities and financial services sales occupations (4124)	318	Records processing occupations, except financial
256	Advertising and related sales occupations (4153)	319	Classified-ad clerks (4662)
257	Sales occupations, other business services (4152)	323	Correspondence clerks (4663)
	Sales representatives, commodities except retail	325	Order clerks (4664)
258	Sales engineers (421)	326	Personnel clerks, except payroll and timekeeping (4692)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)	327	Library clerks (4694)
	Sales workers, retail and personal services	328	File clerks (4696)
263	Sales workers, motor vehicles and boats (4342, 4344)	329	Records clerks (4699)
264	Sales workers, apparel (4346)		Financial records processing occupations
265	Sales workers, shoes (4351)	S (337)	Bookkeepers, accounting, and auditing clerks (4712)
266	Sales workers, furniture and home furnishings (4348)	338	Payroll and timekeeping clerks (4713)
267	Sales workers; radio, television, hi-fi, and appliances (4343, 4352)	339	Billing clerks (4715)
268	Sales workers, hardware and building supplies (4353)	343	Cost and rate clerks (4716)
269	Sales workers, parts (4367)	344	Billing, posting, and calculating machine operators (4718)
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)		Duplicating, mail and other office machine operators
275	Sales counter clerks (4363)	345	Duplicating machine operators (4722)
O (276)	Cashiers (4364)	346	Mail preparing and paper handling machine operators (4723)
277	Street and door-to-door sales workers (4366)		Office machine operators, n.e.c. (4729)
278	News vendors (4365)	347	Communications equipment operators
	Sales related occupations	348	Telephone operators (4732)
283	Demonstrators, promoters and models, sales (445)	349	Telegraphers (4733)
284	Auctioneers (447)	353	Communications equipment operators, n.e.c. (4739)
285	Sales support occupations, n.e.c. (444, 446, 449)	354	Mail and message distributing occupations
	Administrative Support Occupations, Including Clerical	355	Postal clerks, exc. mail carriers (4742)
	Supervisors, administrative support occupations	356	Mail carriers, postal service (4743)
303	Supervisors, general office (4511, 4513-4519, 4529)	357	Mail clerks, exc. postal service (4744)
304	Supervisors, computer equipment operators (4512)		Messengers (4745)
305	Supervisors, financial records processing (4521)	359	Material recording, scheduling, and distributing clerks, n.e.c.
306	Chief communications operators (4523)	363	Dispatchers (4751)
			Production coordinators (4752)

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Occupation code	Occupation category	Occupation code	Occupation category
OPERATORS, FABRICATORS, AND LABORERS—Con.		OPERATORS, FABRICATORS, AND LABORERS—Con.	
Machine Operators, Assemblers, and Inspectors—Con.		Machine operators, Assemblers, and Inspectors—Con.	
Machine operators and tenders, except precision—Con.		Machine operators and tenders, except precision—Con.	
Woodworking machine operators—Con.		Machine operators, assorted materials—Con.	
729	Nailing and tacking machine operators (7636)	777	Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)	779	Machine operators, not specified
Printing machine operators		Fabricators, assemblers, and hand working occupations	
734	Printing machine operators (7443, 7643)	783	Welders and cutters (7332, 7532, 7714)
735	Photoengravers and lithographers (6842, 7444, 7644)	784	Solderers and brazers (7333, 7533, 7717)
736	Typesetters and compositors (6841, 7642)	785	Assemblers (772, 774)
737	Miscellaneous printing machine operators (6849, 7449, 7649)	786	Hand cutting and trimming occupations (7753)
Textile, apparel, and furnishings machine operators		787	Hand molding, casting, and forming occupations (7754, 7755)
738	Winding and twisting machine operators (7451, 7651)	789	Hand painting, coating, and decorating occupations (7766)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)	793	Hand engraving and printing occupations (7757)
743	Textile cutting machine operators (7654)	794	Hand grinding and polishing occupations (7758)
744	Textile sewing machine operators (7655)	795	Miscellaneous hand working occupations (7759)
745	Shoe machine operators (7656)	796	Production inspectors, testers, samplers, and weighers
747	Pressing machine operators (7657)	797	Production inspectors, checkers, and examiners (782, 787)
748	Laundry and dry cleaning machine operators (6855, 7658)	798	Production testers (783)
749	Miscellaneous textile machine operators (7459, 7659)	799	Production samplers and weighers (784)
Machine operators, assorted materials		Graders and sorters, except agricultural (785)	
753	Cementing and gluing machine operators (7661)	Transportation and Material Moving Occupations	
754	Packaging and filling machine operators (7462, 7662)	Motor vehicle operators	
755	Extruding and forming machine operators (7463, 7663)	803	Supervisors, motor vehicle operators (8111)
756	Mixing and blending machine operators (7664)	Z (804)	Truck drivers, heavy (8212, 8213)
757	Separating, filtering, and clarifying machine operators (7476, 7666, 7676)	805	Truck drivers, light (8214)
758	Compressing and compacting machine operators (7467, 7667)	806	Driver-sales workers (8218)
759	Painting and paint spraying machine operators (7669)	808	Bus drivers (8215)
763	Roasting and baking machine operators, food (7472, 7672)	809	Taxicab drivers and chauffeurs (8216)
764	Washing, cleaning, and pickling machine operators (7673)	813	Parking lot attendants (874)
765	Folding machine operators (7474, 7674)	814	Motor transportation occupations, n.e.c. (8219)
766	Furnace, kiln, and oven operators, exc. food (7675)	Transportation occupations, except motor vehicles	
768	Crushing and grinding machine operators (pt 7477, pt 7677)	Rail transportation occupations	
769	Slicing and cutting machine operators (7478, 7678)	823	Railroad conductors and yardmasters (8113)
773	Motion picture projectionists (pt 7479)	824	Locomotive operating occupations (8232)
774	Photographic process machine operators (6863, 6868, 7671)	825	Railroad brake, signal, and switch operators (8233)
		826	Rail vehicle operators, n.e.c. (8239)
		Water transportation occupations	
		828	Ship captains and mates, except fishing boats (pt 8241, 8242)
		829	Sailors and deckhands (8243)
		833	Marine engineers (8244)
		834	Bridge, lock, and lighthouse tenders (8245)
		Material moving equipment operators	
		843	Supervisors, material moving equipment operators (812)
		844	Operating engineers (8312)

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Occupation code	Occupation category	Occupation code	Occupation category
	OPERATORS, FABRICATORS, AND LABORERS—Con.		OPERATORS, FABRICATORS, AND LABORERS—Con.
	Transportation and Material Moving Occupations—Con.		Handlers, Equipment Cleaners, Helpers, and Laborers—Con.
	Material moving equipment operators—Con.	869	Construction laborers (871)
845	Longshore equipment operators (8313)	873	Production helpers (861, 862)
848	Hoist and winch operators (8314)		Freight, stock, and material handlers
849	Crane and tower operators (8315)	875	Garbage collectors (8722)
853	Excavating and loading machine operators (8316)	876	Stevedores (8723)
855	Grader, dozer, and scraper operators (8317)	877	Stock handlers and baggers (8724)
856	Industrial truck and tractor equipment operators (8318)	878	Machine feeders and offbearers (8725)
859	Miscellaneous material moving equipment operators (8319)	883	Freight, stock, and material handlers, n.e.c. (8726)
	Handlers, Equipment Cleaners, Helpers, and Laborers	885	Garage and service station related occupations (873)
	Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (85)	887	Vehicle washers and equipment cleaners (875)
863	Supervisors; handlers, equipment cleaners, and laborers, n.e.c. (85)	888	Hand packers and packagers (8761)
864	Helpers, mechanics and repairers (863)	889	Laborers, except construction (8769)
	Helpers, construction and extractive occupations	999	OCCUPATION NOT REPORTED¹
865	Helpers, construction trades (8641-8645, 8648)		
866	Helpers, surveyor (8646)		
867	Helpers, extractive occupations (865)		

¹ Code used when not-reported cases are not allocated.