

Census 2000 Special EEO Tabulation

Technical Documentation for SAS Datasets

Appendix 7.1: Occupational Crosswalk To - OPM Federal Workforce Occupational Groups

The complete Census 2000 Occupational Classification System consists of 509 detailed categories, including four for military specific occupations. Because of concerns that the cross-classification of small occupations with demographic characteristics, such as race, ethnicity, and gender, might lead to the disclosure of information about individual respondents in the census, the Census Bureau has decided not to publish any data for occupations with fewer than 10,000 people coded to those categories nationwide. For the Census 2000 Special EEO Tabulation, therefore, the list below *excludes* occupation categories that fell below the 10,000 threshold and the four military occupations, and *adds* one more category for the unemployed with no work experience since 1995. The categories below 10,000 are combined with each other and with larger categories, as shown below, for a total of 472 lines. This list provides for each occupation category the three-digit Census 2000 code, the equivalent 6-digit 2000 SOC code, and the four-digit OPM Occupational Group code. When a census code does not have a single matching SOC equivalent, the SOC code shown may contain alpha characters, such as A13-11XX.¹

Census 2000		2000 SOC Equivalent	OPM Occ Groups
Code	Category Title		
001	Chief Executives	11-1011	--
002	General and Operations Managers	11-1021	--
003	Legislators	11-1031	--
004	Advertising and Promotions Managers	11-2011	--
005	Marketing and Sales Managers	11-2020	--
006	Public Relations Managers	11-2031	--
010	Administrative Services Managers	11-3011	0342 1654
011	Computer and Information Systems Managers	11-3021	--
012	Financial Managers	11-3031	--
013	Human Resources Managers	11-3040	--
014	Industrial Production Managers	11-3051	1152
015	Purchasing Managers	11-3061	--
016	Transportation, Storage, and Distribution Managers	11-3071	--
020	Farm, Ranch, and Other Agricultural Managers	11-9011	--
021	Farmers and Ranchers	11-9012	--
022	Construction Managers	11-9021	1640
023	Education Administrators	11-9030	--
030	Engineering Managers	11-9041	--
031	Food Service Managers	11-9051	--
032	Funeral Directors	11-9061	0050
033	Gaming Managers	11-9071	--
034	Lodging Managers	11-9081	--
035	Medical and Health Services Managers	11-9111	0670
036	Natural Sciences Managers	11-9121	--
040	Postmasters and Mail Superintendents	11-9131	--
041	Property, Real Estate, and Community Association	11-9141	1170

¹ For the purposes of this tabulation only, when an OPM group did not have an exact SOC equivalent, the OPM group was placed into the broader SOC category.

	Managers		1173 1176 1630
042	Social and Community Service Managers	11-9151	--
043	Managers, All Other	11-9199	--
050	Agents and Business Managers of Artists, Performers, and Athletes	13-1011	--
051	Purchasing Agents and Buyers, Farm Products	13-1021	--
052	Wholesale and Retail Buyers, Except Farm Products	13-1022	--
053	Purchasing Agents, Except Wholesale, Retail, and Farm Products	13-1023	1102 1105
054	Claims Adjusters, Appraisers, Examiners, and Investigators	13-1030	0105 0991 0993 0996 2135
056	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	13-1041	0244 0249 0260 0360 0967 1801 1815 1816 1822 1854 1862 1889 1890 2121 2123 2125
060	Cost Estimators	13-1051	--
062	Human Resources, Training, and Labor Relations Specialists	13-1070	0142 0243 0201 0299
070	Logisticians	13-1081	0346 2003 2010
071	Management Analysts	13-1111	0106 0107 0343 0671 2110
072	Meeting and Convention Planners	13-1121	--
073	Other Business Operations Specialists	13-11XX <i>Combines:</i> 13-1061 13-1199	0080 0301 0340 0341 0828 1101 1103 1104 1130 1140

073 Con't	Other Business Operations Specialists - Continued		1144 1145 1150 1199 1601 1670 1699 1910 2001 2030 2032 2050 2101 2130 2099 2150
080	Accountants and Auditors	13-2011	0510 0511
081	Appraisers and Assessors of Real Estate	13-2021	1171
082	Budget Analysts	13-2031	0560
083	Credit Analysts	13-2041	--
084	Financial Analysts	13-2051	--
085	Personal Financial Advisors	13-2052	--
086	Insurance Underwriters	13-2053	1162
090	Financial Examiners	13-2061	0570 1831
091	Loan Counselors and Officers	13-2070	1165
093	Tax Examiners, Collectors, and Revenue Agents	13-2081	0512 0526 0592 0920 1169 1894
094	Tax Preparers	13-2082	--
095	Financial Specialists, All Other	13-2099	0501 0505 0599 1160 1161 1163
100	Computer Scientists and Systems Analysts	15-10XX <i>Combines:</i> 15-1011 15-1051 15-1099	0334 1550 2210 2299
101	Computer Programmers	15-1021	--
102	Computer Software Engineers	15-1030	--
104	Computer Support Specialists	15-1041	0335
106	Database Administrators	15-1061	--
110	Network and Computer Systems Administrators	15-1071	--
111	Network Systems and Data Communications Analysts	15-1081	--
120	Actuaries	15-2011	1510
122	Operations Research Analysts	15-2031	1515
124	Miscellaneous Mathematical Science Occupations, Including Mathematicians and Statisticians	15-20XX <i>Combines:</i>	1520 1521

	<i>Combines:</i> 121 B Mathematicians 123 B Statisticians 124 B Miscellaneous Mathematical Science Occupations	15-2021 15-2041 15-2090	1529 1530 1540 1541
130	Architects, Except Naval	17-1010	0807 0808
131	Surveyors, Cartographers, and Photogrammetrists	17-1020	1370 1372 1373
132	Aerospace Engineers	17-2011	0861
135	Chemical Engineers	17-2041	0893
136	Civil Engineers	17-2051	0810
140	Computer Hardware Engineers	17-2061	0854
141	Electrical and Electronics Engineers	17-2070	0850 0855
142	Environmental Engineers	17-2081	0819
143	Industrial Engineers, Including Health and Safety	17-2110	0803 0804 0896
144	Marine Engineers and Naval Architects	17-2121	0871
145	Materials Engineers	17-2131	0806 0892 0894 1380
146	Mechanical Engineers	17-2141	0830
151	Nuclear Engineers	17-2161	0840
152	Petroleum, Mining and Geological Engineers, Including Mining Safety Engineers <i>Combines:</i> 150 - Mining and Geological Engineers, Including Mining Safety Engineers 152 - Petroleum Engineers	17-21XX <i>Combines:</i> 17-2151 17-2171	0880 0881
153	Miscellaneous Engineers, Including Agricultural and Biomedical <i>Combines:</i> 133 - Agricultural Engineers 134 - Biomedical Engineers 153 - Engineers, All Other	17-2XXX <i>Combines:</i> 17-2021 17-2031 17-2199	0801 0890 0858
154	Drafters	17-3010	0818 1021
155	Engineering Technicians, Except Drafters	17-3020	0802 0856 0895 3314 5235
156	Surveying and Mapping Technicians	17-3031	0817 1361 1371 1374
160	Agricultural and Food Scientists	19-1010	0430 0434 0435 0437 0470 0471

			0487 1382
161	Biological Scientists	19-1020	0401 0403 0410 0413 0414 0440 0480 0482 0485 0486 0499
164	Conservation Scientists and Foresters	19-1030	0408 0454 0457 0460
165	Medical Scientists	19-1040	0405 0415
170	Astronomers and Physicists	19-2010	1330 1306 1310
171	Atmospheric and Space Scientists	19-2021	1340
172	Chemists and Materials Scientists	19-2030	1320 1321
174	Environmental Scientists and Geoscientists	19-2040	0028 1313 1315 1350 1360
176	Physical Scientists, All Other	19-2099	1301 1384 1386
180	Economists	19-3011	0110
181	Market and Survey Researchers	19-3020	0135 1146 1147
182	Psychologists	19-3030	0180
184	Urban and Regional Planners	19-3051	0020
186	Miscellaneous Social Scientists, Including Sociologists <i>Combines:</i> 183 B Sociologists 186 - Miscellaneous Social Scientists and Related Workers	19-30XX <i>Combines:</i> 19-3041 19-3090	0101 0130 0131 0132 0136 0140 0150 0160 0170 0184 0190 0193 0199 1730
190	Agricultural and Food Science Technicians	19-4011	--
191	Biological Technicians	19-4021	0404

			0421 0455 0458
192	Chemical Technicians	19-4031	--
193	Geological and Petroleum Technicians	19-4041	--
196	Miscellaneous Life, Physical, and Social Science Technicians, Including Social Science Research Assistants & Nuclear Technicians <i>Combines:</i> 194 - Nuclear Technicians 196 - Other Life, Physical, and Social Science Technicians	19-40XX <i>Combines:</i> 19-4051 19-4061 19-4090	0021 0029 0072 0102 0119 0181 0462 1311 1316 1341 1397
200	Counselors	21-1010	--
201	Social Workers	21-1020	0185
202	Miscellaneous Community and Social Service Specialists	21-1090	0186 1725
204	Clergy	21-2011	0060
205	Directors, Religious Activities and Education	21-2021	--
206	Religious Workers, All Other	21-2099	--
210	Lawyers	23-1011	0905 1222
211	Judges, Magistrates, and Other Judicial Workers	23-1020	0241 0930
214	Paralegals and Legal Assistants	23-2011	0901 0950 0987
215	Miscellaneous Legal Support Workers	23-2090	0095 0319 0904 0945 0958 0963 0965 0986 0999 1202 1210 1211 1220 1221 1223 1224 1226 1299 1399
215 Con't	Miscellaneous Legal Support Workers - Continued		
220	Postsecondary Teachers	25-1000	--
230	Preschool and Kindergarten Teachers	25-2010	--
231	Elementary and Middle School Teachers	25-2020	--
232	Secondary School Teachers	25-2030	--
233	Special Education Teachers	25-2040	--
234	Other Teachers and Instructors	25-3000	1701 1710 1712

			1715
240	Archivists, Curators, and Museum Technicians	25-4010	1015 1016 1420 1421 1599
243	Librarians	25-4021	1410
244	Library Technicians	25-4031	1411 1412
254	Teacher Assistants	25-9041	--
255	Other Education, Training, and Library Workers	25-90XX <i>Combines:</i> 25-9011 25-9021 25-9031 25-9099	0090 0406 0493 1499 1702 1720 1740 1750 1799 1899
260	Artists and Related Workers	27-1010	0062 1001 1020 1056 1099
263	Designers	27-1020	1008 1010 1084 4445
270	Actors	27-2011	--
271	Producers and Directors	27-2012	1054 1071
272	Athletes, Coaches, Umpires, and Related Workers	27-2020	0030
274	Dancers and Choreographers	27-2030	--
275	Musicians, Singers, and Related Workers	27-2040	1051
276	Entertainers and Performers, Sports and Related Workers, All Other	27-2099	--
280	Announcers	27-3010	--
281	News Analysts, Reporters and Correspondents	27-3020	--
282	Public Relations Specialists	27-3031	1035
283	Editors	27-3041	--
284	Technical Writers	27-3042	1083
285	Writers and Authors	27-3043	1082
286	Miscellaneous Media and Communication Workers	27-3090	1040
290	Broadcast and Sound Engineering Technicians and Radio Operators and Other Media and Communication Equipment Workers <i>Combines:</i> 290 - Broadcast and Sound Engineering Technicians and Radio Operators 296 - Media and Communication Equipment Workers, All Other	27-40XX <i>Combines:</i> 27-4010 27-4099	0391 3940

291	Photographers	27-4021	1060
292	Television, Video, and Motion Picture Camera Operators and Editors	27-4030	--
300	Chiropractors	29-1011	--
301	Dentists	29-1020	0680
303	Dietitians and Nutritionists	29-1031	0630
304	Optometrists	29-1041	0662
305	Pharmacists	29-1051	0660
306	Physicians and Surgeons	29-1060	0602
311	Physician Assistants	29-1071	0603
312	Podiatrists	29-1081	0668
313	Registered Nurses	29-1111	0610
314	Audiologists	29-1121	0665
315	Occupational Therapists	29-1122	0631
316	Physical Therapists	29-1123	0633
320	Radiation Therapists	29-1124	--
321	Recreational Therapists	29-1125	0638
322	Respiratory Therapists	29-1126	0651
323	Speech-Language Pathologists	29-1127	--
324	Therapists, All Other	29-1129	0635 0637 0639
325	Veterinarians	29-1131	0701
326	Health Diagnosing and Treating Practitioners, All Other	29-1199	0601
330	Clinical Laboratory Technologists and Technicians	29-2010	0644 0645 0646
331	Dental Hygienists	29-2021	0682
332	Diagnostic Related Technologists and Technicians	29-2030	0642 0647 0648
340	Emergency Medical Technicians and Paramedics	29-2041	--
341	Health Diagnosing and Treating Practitioner Support Technicians	29-2050	0661 0704
350	Licensed Practical and Licensed Vocational Nurses	29-2061	0620
351	Medical Records and Health Information Technicians	29-2071	0669 0675
352	Opticians, Dispensing	29-2081	--
353	Miscellaneous Health Technologists and Technicians	29-2090	0667 0649 0650 0672 0698
354 Con't	Other Healthcare Practitioners and Technical Occupations Other Healthcare Practitioners and Technical Occupations - Continued	29-9000	0018 0019 0685 0688 0690 0696
360	Nursing, Psychiatric, and Home Health Aides	31-1010	0621
361	Occupational Therapist Assistants and Aides	31-2010	--
362	Physical Therapist Assistants and Aides	31-2020	--
363	Massage Therapists	31-9011	--
364	Dental Assistants	31-9091	0681

365	Medical Assistants and Other Healthcare Support Occupations	31-909X <i>Combines:</i> 31-9092 - 31-9099	0625 0636 0640 3511
370	First-Line Supervisors/Managers of Correctional Officers	33-1011	0006
371	First-Line Supervisors/Managers of Police and Detectives	33-1012	--
372	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	33-1021	--
373	Supervisors, Protective Service Workers, All Other	33-1099	--
374	Fire Fighters	33-2011	0081
375	Fire Inspectors	33-2020	--
380	Bailiffs, Correctional Officers, and Jailers	33-3010	0007
382	Detectives and Criminal Investigators	33-3021	0082 1810 1811 1884 1896
384	Miscellaneous Law Enforcement Workers <i>Combines:</i> 383 - Fish and Game Wardens 384 - Parking Enforcement Workers	33-30XX <i>Combines:</i> 33-3031 33-3041	1812
385	Police Officers <i>Combines:</i> 385 - Police and Sheriff's Patrol Officers 386 B Transit and Railroad Police	33-3050 <i>Combines:</i> 33-3051 33-3052	0083
390	Animal Control Workers	33-9011	--
391	Private Detectives and Investigators	33-9021	--
392	Security Guards and Gaming Surveillance Officers	33-9030	0085
394	Crossing Guards	33-9091	--
395	Lifeguards and Other Protective Service Workers	33-909X <i>Combines:</i> 33-9092 33-9099	0025 1802 1864
400	Chefs and Head Cooks	35-1011	--
401	First-Line Supervisors/Managers of Food Preparation and Serving Workers	35-1012	1667
402	Cooks	35-2010	7404
403	Food Preparation Workers	35-2021	--
404	Bartenders	35-3011	7405
405	Combined Food Preparation and Serving Workers, Including Fast Food	35-3021	--
406	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	35-3022	--
411	Waiters and Waitresses	35-3031	7420
412	Food Servers, Nonrestaurant	35-3041	--
413	Dining Room and Cafeteria Attendants, Bartender Helpers, and Miscellaneous Food Preparation and Serving Related Workers <i>Combines:</i>	35-90XX <i>Combines:</i> 35-9011 35-9099	7408
413	413 - Dining Room and Cafeteria Attendants and		

Con't	Bartender Helpers 416 - Food Preparation and Serving Related Workers, All Other		
414	Dishwashers	35-9021	--
415	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	35-9031	--
420	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	37-1011	0673
421	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	37-1012	--
422	Janitors and Building Cleaners	37-201X <i>Combines:</i> 37-2011 37-2019	3566
423	Maids and Housekeeping Cleaners	37-2012	--
424	Pest Control Workers	37-2021	5026
425	Grounds Maintenance Workers	37-3010	4754 5042
430	First-Line Supervisors/Managers of Gaming Workers	39-1010	--
432	First-Line Supervisors/Managers of Personal Service Workers	39-1021	--
434	Animal Trainers	39-2011	--
435	Nonfarm Animal Caretakers	39-2021	5048
440	Gaming Services Workers	39-3010	--
441	Motion Picture Projectionists	39-3021	3910
442	Ushers, Lobby Attendants, and Ticket Takers	39-3031	--
443	Miscellaneous Entertainment Attendants and Related Workers	39-3090	--
446	Funeral Service Workers	39-4000	--
450	Barbers	39-5011	7603
451	Hairdressers, Hairstylists, and Cosmetologists	39-5012	7641
452	Miscellaneous Personal Appearance Workers	39-5090	--
453	Baggage Porters, Bellhops, and Concierges	39-6010	--
454	Tour and Travel Guides	39-6020	--
455	Transportation Attendants	39-6030	--
460	Child Care Workers	39-9011	--
461	Personal and Home Care Aides	39-9021	--
462	Recreation and Fitness Workers	39-9030	0023 0188 0189
464	Residential Advisors	39-9041	--
465	Personal Care and Service Workers, All Other	39-9099	--
470	First-Line Supervisors/Managers of Retail Sales Workers	41-1011	--
471	First-Line Supervisors/Managers of Non-Retail Sales Workers	41-1012	--
472	Cashiers	41-2010	0530
474	Counter and Rental Clerks	41-2021	--
475	Parts Salespersons	41-2022	--
476	Retail Salespersons	41-2031	2091
480	Advertising Sales Agents	41-3011	--
481	Insurance Sales Agents	41-3021	--
482	Securities, Commodities, and Financial Services Sales Agents	41-3031	0011
483	Travel Agents	41-3041	--

484	Sales Representatives, Services, All Other	41-3099	--
485	Sales Representatives, Wholesale and Manufacturing	41-4010	--
490	Models, Demonstrators, and Product Promoters	41-9010	--
492	Real Estate Brokers and Sales Agents	41-9020	--
493	Sales Engineers	41-9031	--
494	Telemarketers	41-9041	--
495	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	41-9091	--
496	Sales and Related Workers, All Other	41-9099	--
500	First-Line Supervisors/Managers of Office and Administrative Support Workers	43-1011	0313
501	Switchboard Operators, Including Answering Service	43-2011	--
502	Telephone Operators	43-2021	0382
503	Communications Equipment Operators, All Other	43-2099	0390 0392 0394
510	Bill and Account Collectors	43-3011	--
511	Billing and Posting Clerks and Machine Operators	43-3021	0350
512	Bookkeeping, Accounting, and Auditing Clerks	43-3031	0503 0525 0540 0561
513	Gaming Cage Workers	43-3041	--
514	Payroll and Timekeeping Clerks	43-3051	0544 0545
515	Procurement Clerks	43-3061	1106 2005
516	Tellers	43-3071	--
520	Brokerage Clerks	43-4011	--
522	Court, Municipal, and License Clerks	43-4031	--
523	Credit Authorizers, Checkers, and Clerks	43-4041	--
524	Customer Service Representatives	43-4051	--
525	Eligibility Interviewers, Government Programs	43-4061	0187 0962
526	File Clerks	43-4071	0305
530	Hotel, Motel, and Resort Desk Clerks	43-4081	--
531	Interviewers, Except Eligibility and Loan	43-4111	--
532	Library Assistants, Clerical	43-4121	--
533	Loan Interviewers and Clerks	43-4131	--
534	New Accounts Clerks	43-4141	--
535	Correspondence Clerks and Order Clerks <i>Combines:</i> 521 - Correspondence Clerks 535 - Order Clerks	43-4XXX <i>Combines:</i> 43-4021 43-4151	--
536	Human Resources Assistants, Except Payroll and Timekeeping	43-4161	0203
540	Receptionists and Information Clerks	43-4171	0304
541	Reservation and Transportation Ticket Agents and Travel Clerks	43-4181	--
542	Information and Record Clerks, All Other	43-4199	0679
550	Cargo and Freight Agents	43-5011	2131 2144 2161

551	Couriers and Messengers	43-5021	0302
552	Dispatchers	43-5030	2151
553	Meter Readers, Utilities	43-5041	--
554	Postal Service Clerks	43-5051	--
555	Postal Service Mail Carriers	43-5052	--
556	Postal Service Mail Sorters, Processors, and Processing Machine Operators	43-5053	--
560	Production, Planning, and Expediting Clerks	43-5061	6910
561	Shipping, Receiving, and Traffic Clerks	43-5071	--
562	Stock Clerks and Order Fillers	43-5081	0622 6904 6912 6914
563	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	43-5111	5485
570	Secretaries and Administrative Assistants	43-6010	0318
580	Computer Operators	43-9011	0332
581	Data Entry Keyers	43-9021	0356 0357
582	Word Processors and Typists	43-9022	0322 0326
583	Desktop Publishers	43-9031	--
584	Insurance Claims and Policy Processing Clerks	43-9041	0593
585	Mail Clerks and Mail Machine Operators, Except Postal Service	43-9051	--
586	Office Clerks, General	43-9061	0351
590	Office Machine Operators, Except Computer	43-9071	--
591	Proofreaders and Copy Markers	43-9081	1087
592	Statistical Assistants	43-9111	1531
593	Office and Administrative Support Workers, All Other	43-9199	0086 0099 0134 0303 0312 0344 0361 0399 0998 1046 1107 1897 2102
600	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	45-1010	--
601	Agricultural Inspectors	45-2011	0436 1850 1863
604	Graders and Sorters, Agricultural Products	45-2041	1980 1981
605	Miscellaneous Agricultural Workers, Including Animal Breeders <i>Combines:</i> 602 - Animal Breeders 605 - Miscellaneous Agricultural Workers	45-20XX <i>Combines:</i> 45-2021 45-2090	0459 5002 5003 5031 5034 5035

610	Fishing and Hunting Workers <i>Combines:</i> 610 - Fishers and Related Fishing Workers 611 - Hunters and Trappers	45-3000 <i>Combines:</i> 45-3011 45-3021	--
612	Forest and Conservation Workers	45-4011	--
613	Logging Workers	45-4020	--
620	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011	--
621	Boilermakers	47-2011	3808
622	Brickmasons, Blockmasons, and Stonemasons	47-2020	3603
623	Carpenters	47-2031	4607 5220
624	Carpet, Floor, and Tile Installers and Finishers	47-2040	3604 3609
625	Cement Masons, Concrete Finishers, and Terrazzo Workers	47-2050	3602
626	Construction Laborers	47-2061	3653
630	Paving, Surfacing, and Tamping Equipment Operators	47-2071	--
632 632 Con't	Miscellaneous Construction Equipment Operators <i>Combines:</i> 631 - Pile-Driver Operators 632 - Operating Engineers and Other Construction Equipment Operators	47-207X <i>Combines:</i> 47-2072 47-2073	--
633	Drywall Installers, Ceiling Tile Installers, and Tapers	47-2080	--
635	Electricians	47-2111	2805
636	Glaziers	47-2121	3611
640	Insulation Workers	47-2130	3610
642	Painters, Construction and Maintenance	47-2141	4102
643	Paperhangers	47-2142	4103
644	Pipelayers, Plumbers, Pipefitters, and Steamfitters	47-2150	4204 4206
646	Plasterers and Stucco Masons	47-2161	3605
651	Roofers	47-2181	3606
652	Sheet Metal Workers	47-2211	3806
653	Iron and Steel Workers <i>Combines:</i> 650 - Reinforcing Iron and Rebar Workers 653 - Structural Iron and Steel Workers	47-2XXX <i>Combines:</i> 47-2171 47-2221	3807
660	Helpers, Construction Trades	47-3010	--
666	Construction and Building Inspectors	47-4011	0809
670	Elevator Installers and Repairers	47-4021	5313
671	Fence Erectors	47-4031	--
672	Hazardous Materials Removal Workers	47-4041	0084 6913
673	Highway Maintenance Workers	47-4051	--
674	Rail-Track Laying and Maintenance Equipment Operators	47-4061	3546
675	Septic Tank Servicers and Sewer Pipe Cleaners	47-4071	--
676	Miscellaneous Construction and Related Workers	47-4090	--
680	Derrick, Rotary Drill, and Service Unit Operators, and Roustabouts, Oil, Gas, and Mining <i>Combines:</i>	47-50YY <i>Combines:</i> 47-5010	5729

	680 - Derrick, Rotary Drill, and Service Unit Operators, Oil, Gas, and Mining 692 - Roustabouts, Oil and Gas	47-5071	
682	Earth Drillers, Except Oil and Gas	47-5021	--
683	Explosives Workers, Ordnance Handling Experts, and Blasters	47-5031	6502 6505 6517
684	Mining Machine Operators	47-5040	--
694	Miscellaneous Extraction Workers, Including Roof Bolters and Helpers <i>Combines:</i> 691 - Roof Bolters, Mining 693 - Helpers--Extraction Workers 694 - Other Extraction Workers	47-50XX <i>Combines:</i> 47-5051 47-5061 47-5081 47-5099	--
700	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	49-1011	--
701	Computer, Automated Teller, and Office Machine Repairers	49-2011	2608 4806
702	Radio and Telecommunications Equipment Installers and Repairers	49-2020	2502
703	Avionics Technicians	49-2091	2892
704	Electric Motor, Power Tool, and Related Repairers	49-2092	2854
710	Electrical and Electronics Repairers, Industrial, Utility, and Transportation Equipment <i>Combines:</i> 705 - Electrical and Electronics Installers and Repairers, Transportation Equipment 710 - Electrical and Electronics Repairers, Industrial and Utility	49-209X <i>Combines:</i> 49-2093 49-2094 49-2095	2604 2606 2610
711	Electronic Equipment Installers and Repairers, Motor Vehicles	49-2096	--
712	Electronic Home Entertainment Equipment Installers and Repairers	49-2097	--
713	Security and Fire Alarm Systems Installers	49-2098	--
714	Aircraft Mechanics and Service Technicians	49-3011	6652 8602 8810 8840 8852 8882
715	Automotive Body and Related Repairers	49-3021	3809
716	Automotive Glass Installers and Repairers	49-3022	--
720	Automotive Service Technicians and Mechanics	49-3023	5823
721	Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	--
722	Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics	49-3040	4716 5378 5803 6641
724	Small Engine Mechanics	49-3050	8610
726	Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	49-3090	--
730	Control and Valve Installers and Repairers	49-9010	8255 8268
731	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021	5306 5309

732	Home Appliance Repairers	49-9031	4808 4855
733	Industrial and Refractory Machinery Mechanics	49-904X <i>Combines:</i> 49-9041 49-9045	4255 4737 5317 5330 5334 5341 5350 5352 5364 5384 8675
734	Maintenance and Repair Workers, General	49-9042	3725 4749 4848 5310 5318 5335
735	Maintenance Workers, Machinery	49-9043	5323
736	Millwrights	49-9044	--
741	Electrical Power-Line Installers and Repairers	49-9051	2810
742	Telecommunications Line Installers and Repairers	49-9052	2504 2508
743	Precision Instrument and Equipment Repairers	49-9060	2602 3306 3359 4745 4805 4818 4850 5365
751	Coin, Vending, and Amusement Machine Servicers and Repairers	49-9091	4820
754	Locksmiths and Safe Repairers	49-9094	4804
755	Manufactured Building and Mobile Home Installers	49-9095	--
756	Riggers	49-9096	5210
761	Helpers--Installation, Maintenance, and Repair Workers	49-9098	--
762	Other Installation, Maintenance, and Repair Workers, Including Commercial Divers and Signal and Track Switch Repairers <i>Combines:</i> 752 - Commercial Divers 760 - Signal and Track Switch Repairers 762 - Other Installation, Maintenance, and Repair Workers	49-909X <i>Combines:</i> 49-9092 49-9093 49-9097 49-9099	4361 4717 4807 4816 4819 5478 5806 6610 6656
770	First-Line Supervisors/Managers of Production and Operating Workers	51-1011	--
771	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	51-2011	3819
772	Electrical, Electronics, and Electromechanical Assemblers	51-2020	--
773	Engine and Other Machine Assemblers	51-2031	--

774	Structural Metal Fabricators and Fitters	51-2041	--
775	Miscellaneous Assemblers and Fabricators	51-2090	--
780	Bakers	51-3011	7402
781	Butchers and Other Meat, Poultry, and Fish Processing Workers	51-3020	7407
783	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	51-3091	--
784	Food Batchmakers	51-3092	--
785	Food Cooking Machine Operators and Tenders	51-3093	--
790	Computer Control Programmers and Operators	51-4010	--
792	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	51-4021	3872
793	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	51-4022	3802 3869
794	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	51-4023	--
795	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	51-4031	--
796	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4032	--
800	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4033	3727
801	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4034	--
803	Machinists	51-4041	3414
804	Metal Furnace and Kiln Operators and Tenders	51-4050	
806	Model Makers and Patternmakers, Metal and Plastic	51-4060	4714 5221
810	Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic	51-4070	4351 4352 4373
813	Tool and Die Makers	51-4111	3416 3428
814	Welding, Soldering, and Brazing Workers	51-4120	3702 3703 3716 3858
815	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-4191	3712
816	Lay-Out Workers, Metal and Plastic	51-4192	3820
820	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	51-4193	3707 3711
821	Tool Grinders, Filers, and Sharpeners	51-4194	3417 4840
822	Other Metalworkers and Plastic Workers, Including Milling, Planing, and Multiple Machine Tool Operators <i>Combines:</i> 802 - Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic 812 - Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic 822 - Metalworkers and Plastic Workers, All Other	51-4XXX <i>Combines:</i> 51-4035 51-4081 51-4199	3769 5423
823	Bookbinders and Bindery Workers	51-5010	4402

			4441
824	Job Printers	51-5021	--
825	Prepress Technicians and Workers	51-5022	4403 4405 4413 4414 4416 4419 4425 4440 4449 4450
826	Printing Machine Operators	51-5023	4406 4417 4454
830	Laundry and Dry-Cleaning Workers	51-6011	7304 7305
831	Pressers, Textile, Garment, and Related Materials	51-6021	7306
832	Sewing Machine Operators	51-6031	--
833	Shoe and Leather Workers and Repairers	51-6041	3103
834	Shoe Machine Operators and Tenders	51-6042	--
835	Tailors, Dressmakers, and Sewers	51-6050	--
836	Textile Bleaching and Dyeing Machine Operators and Tenders	51-6061	--
840	Textile Cutting Machine Setters, Operators, and Tenders	51-6062	--
841	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	51-6063	5446
842	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	51-6064	--
845	Upholsterers	51-6093	3106
846	Miscellaneous Textile, Apparel, and Furnishings Workers, Except Upholsterers <i>Combines:</i> 843 - Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers 844 - Fabric and Apparel Patternmakers 846 - Textile, Apparel, and Furnishings Workers, All Other	51-609X <i>Combines:</i> 51-6091 51-6092 51-6099	3105 3111
850	Cabinetmakers and Bench Carpenters	51-7011	4604 4605
851	Furniture Finishers	51-7021	--
853	Sawing Machine Setters, Operators, and Tenders, Wood	51-7041	4639
854	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	51-7042	--
855 855-Cn	Miscellaneous Woodworkers, Including Model Makers and Patternmakers <i>Combines:</i> 852 - Model Makers and Patternmakers, Wood 855 - Woodworkers, All Other	51-70XX <i>Combines:</i> 51-7030 51-7099	4602 4616 4654
860	Power Plant Operators, Distributors, and Dispatchers	51-8010	5407
861	Stationary Engineers and Boiler Operators	51-8021	5402

			5406 5415 5419
862	Water and Liquid Waste Treatment Plant and System Operators	51-8031	5408 5409
863	Miscellaneous Plant and System Operators	51-8090	1658 4742 5403 5413 5427 5433
864	Chemical Processing Machine Setters, Operators, and Tenders	51-9010	--
865	Crushing, Grinding, Polishing, Mixing, and Blending Workers	51-9020	--
871	Cutting Workers	51-9030	--
872	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	51-9041	--
873	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	51-9051	3741
874	Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	1999 3513 3705 5205 5424 5439
875	Jewelers and Precious Stone and Metal Workers	51-9071	--
876	Medical, Dental, and Ophthalmic Laboratory Technicians	51-9080	0664 0683 4005 4010 4845
880	Packaging and Filling Machine Operators and Tenders	51-9111	5440
881	Painting Workers	51-9120	4104
883	Photographic Process Workers and Processing Machine Operators	51-9130	9004
885	Cementing and Gluing Machine Operators and Tenders	51-9191	--
886	Cleaning, Washing, and Metal Pickling Equipment Operators & Tenders	51-9192	--
891	Etchers and Engravers	51-9194	3735 3816 3833 4446 4447 4448
892	Molders, Shapers, and Casters, Except Metal and Plastic	51-9195	4360 4370
893	Paper Goods Machine Setters, Operators, and Tenders	51-9196	5435 5455
894	Tire Builders	51-9197	--
895	Helpers--Production Workers	51-9198	--
896	Other Production Workers, Including Semiconductor Processors and Cooling and Freezing Equipment Operators <i>Combines:</i> 884 - Semiconductor Processors 890 - Cooling and Freezing Equipment Operators and	51-91XX <i>Combines:</i> 51-9141 51-9193 51-9199	3119 3736 4741 5484 7006 7010

	Tenders 896 - Production Workers, All Other		
--	--	--	--

900	Supervisors, Transportation and Material Moving Workers	53-1000	--
903	Aircraft Pilots and Flight Engineers	53-2010	2181 2183
904	Air Traffic Controllers and Airfield Operations Specialists	53-2020	2152
912	Bus Drivers	53-3020	--
913	Driver/Sales Workers and Truck Drivers	53-3030	--
914	Taxi Drivers and Chauffeurs	53-3041	--
915	Miscellaneous Motor Vehicle Operators, Including Ambulance Drivers and Attendants <i>Combines:</i> 911 - Ambulance Drivers and Attendants, Except Emergency Medical Technicians 915 - Motor Vehicle Operators, All Other	53-30XX <i>Combines:</i> 53-3011 53-3099	5703 5706
920	Locomotive Engineers and Operators	53-4010	5737 5738
923	Railroad Brake, Signal, and Switch Operators	53-4021	5736
924	Railroad Conductors and Yardmasters	53-4031	--
926	Subway, Streetcar, and Other Rail Transportation Workers	53-40XX <i>Combines:</i> 53-4041 53-4099	--
930	Sailors and Marine Oilers	53-5011	5788
931	Ship and Boat Captains and Operators	53-5020	5782 5784 5786
933	Ship Engineers	53-5031	--
935	Parking Lot Attendants	53-6021	--
936	Service Station Attendants	53-6031	--
941	Transportation Inspectors	53-6051	0873 1825
942	Miscellaneous Transportation Workers, Including Bridge and Lock Tenders and Traffic Technicians <i>Combines:</i> 934 - Bridge and Lock Tenders 942 - Other Transportation Workers	53-60XX <i>Combines:</i> 53-6011 53-6041 53-6099	2154 2199 5426
951	Crane and Tower Operators	53-7021	5725
952	Dredge, Excavating, and Loading Machine Operators	53-7030	3543 5479 5705 5716 5767
956	Hoist and Winch Operators	53-7041	--
960	Industrial Truck and Tractor Operators	53-7051	5704
961	Cleaners of Vehicles and Equipment	53-7061	7009
962	Laborers and Freight, Stock, and Material Movers, Hand	53-7062	3502 3515
963	Machine Feeders and Offbearers	53-7063	--
964	Packers and Packagers, Hand	53-7064	7002

965	Pumping Station Operators	53-7070	--
972	Refuse and Recyclable Material Collectors	53-7081	--
975	Miscellaneous Material Moving Workers; Including Conveyor Operators & Tenders; Shuttle Car Operators; & Tank Car, Truck, & Ship Loaders <i>Combines:</i> 950 - Conveyor Operators and Tenders 973 - Shuttle Car Operators 974 - Tank Car, Truck, and Ship Loaders 975 - Material Moving Workers, All Other	53-7XXX <i>Combines:</i> 53-7011 53-7111 53-7121 53-7199	5438 6511 6903 6907 6941 6968
992 ⁽¹⁾	Unemployed, with no civilian work exper since 1995	none	-

1. Note: Code 992 has been expanded to include people who are 16 years and older with civilian work experience who are unemployed and have not worked since 1995; who have never worked and are looking for work; and who have worked since 1995, but whose last job was in the military, and are looking for civilian work. Code 992 is not included in worksite/residence and worksites tables.