U.S. Bureau of Labor Statistics

On behalf of the Office of Management and Budget (OMB) and the Standard Occupational Classification Policy Committee (SOCPC)

November 2017 (for reference year January 2018)

This is the final structure for the 2018 SOC. Questions should be emailed to soc@bls.gov

Major Group	Minor Group	Broad Group	Detailed Occupation	
11-0000				Management Occupations
	11-1000			Top Executives
		11-1010		Chief Executives
			11-1011	Chief Executives
		11-1020		General and Operations Managers
			11-1021	General and Operations Managers
		11-1030		Legislators
			11-1031	Legislators
	11-2000			Advertising, Marketing, Promotions, Public Relations, and Sales Managers
		11-2010		Advertising and Promotions Managers
			11-2011	Advertising and Promotions Managers
		11-2020		Marketing and Sales Managers
			11-2021	Marketing Managers
			11-2022	Sales Managers
		11-2030		Public Relations and Fundraising Managers
			11-2032	Public Relations Managers
			11-2033	Fundraising Managers
	11-3000			Operations Specialties Managers
		11-3010		Administrative Services and Facilities Managers
			11-3012	Administrative Services Managers
			11-3013	Facilities Managers
		11-3020		Computer and Information Systems Managers
			11-3021	Computer and Information Systems Managers
		11-3030		Financial Managers
			11-3031	Financial Managers
		11-3050		Industrial Production Managers
			11-3051	Industrial Production Managers

Major Group	Minor Group	Broad Group	Detailed Occupation	
		11-3060		Purchasing Managers
			11-3061	Purchasing Managers
		11-3070		Transportation, Storage, and Distribution Managers
			11-3071	Transportation, Storage, and Distribution Managers
		11-3110		Compensation and Benefits Managers
			11-3111	Compensation and Benefits Managers
		11-3120		Human Resources Managers
			11-3121	Human Resources Managers
		11-3130		Training and Development Managers
			11-3131	Training and Development Managers
	11-9000			Other Management Occupations
		11-9010		Farmers, Ranchers, and Other Agricultural Managers
			11-9013	Farmers, Ranchers, and Other Agricultural Managers
		11-9020		Construction Managers
			11-9021	Construction Managers
		11-9030		Education and Childcare Administrators
			11-9031	Education and Childcare Administrators, Preschool and Daycare
			11-9032	Education Administrators, Kindergarten through Secondary
			11-9033	Education Administrators, Postsecondary
			11-9039	Education Administrators, All Other
		11-9040		Architectural and Engineering Managers
			11-9041	Architectural and Engineering Managers
		11-9050		Food Service Managers
			11-9051	Food Service Managers
		11-9070		Entertainment and Recreation Managers
			11-9071	Gambling Managers
			11-9072	Entertainment and Recreation Managers, Except Gambling
		11-9080		Lodging Managers
			11-9081	Lodging Managers
		11-9110		Medical and Health Services Managers
			11-9111	Medical and Health Services Managers
		11-9120		Natural Sciences Managers
			11-9121	Natural Sciences Managers
		11-9130		Postmasters and Mail Superintendents

Major Group	Minor Group	Broad Group	Detailed Occupation	
			11-9131	Postmasters and Mail Superintendents
		11-9140		Property, Real Estate, and Community Association Managers
			11-9141	Property, Real Estate, and Community Association Managers
		11-9150		Social and Community Service Managers
			11-9151	Social and Community Service Managers
		11-9160		Emergency Management Directors
			11-9161	Emergency Management Directors
		11-9170		Personal Service Managers
			11-9171	Funeral Home Managers
			11-9179	Personal Service Managers, All Other
		11-9190		Miscellaneous Managers
			11-9199	Managers, All Other
13-0000				Business and Financial Operations Occupations
	13-1000			Business Operations Specialists
		13-1010		Agents and Business Managers of Artists, Performers, and Athletes
			13-1011	Agents and Business Managers of Artists, Performers, and Athletes
		13-1020		Buyers and Purchasing Agents
			13-1021	Buyers and Purchasing Agents, Farm Products
			13-1022	Wholesale and Retail Buyers, Except Farm Products
			13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products
		13-1030		Claims Adjusters, Appraisers, Examiners, and Investigators
			13-1031	Claims Adjusters, Examiners, and Investigators
			13-1032	Insurance Appraisers, Auto Damage
		13-1040		Compliance Officers
			13-1041	Compliance Officers
		13-1050		Cost Estimators
			13-1051	Cost Estimators
		13-1070		Human Resources Workers
			13-1071	Human Resources Specialists
			13-1074	Farm Labor Contractors
		42.4000	13-1075	Labor Relations Specialists
		13-1080	12 1001	Logisticians and Project Management Specialists
			13-1081	Logisticians
			13-1082	Project Management Specialists

Major Group	Minor Group	Broad Group	Detailed Occupation	
		13-1110		Management Analysts
			13-1111	Management Analysts
		13-1120		Meeting, Convention, and Event Planners
			13-1121	Meeting, Convention, and Event Planners
		13-1130		Fundraisers
			13-1131	Fundraisers
		13-1140		Compensation, Benefits, and Job Analysis Specialists
			13-1141	Compensation, Benefits, and Job Analysis Specialists
		13-1150		Training and Development Specialists
			13-1151	Training and Development Specialists
		13-1160		Market Research Analysts and Marketing Specialists
			13-1161	Market Research Analysts and Marketing Specialists
		13-1190		Miscellaneous Business Operations Specialists
			13-1199	Business Operations Specialists, All Other
	13-2000			Financial Specialists
		13-2010		Accountants and Auditors
			13-2011	Accountants and Auditors
		13-2020		Property Appraisers and Assessors
			13-2022	Appraisers of Personal and Business Property
			13-2023	Appraisers and Assessors of Real Estate
		13-2030		Budget Analysts
			13-2031	Budget Analysts
		13-2040		Credit Analysts
			13-2041	Credit Analysts
		13-2050		Financial Analysts and Advisors
			13-2051	Financial and Investment Analysts
			13-2052	Personal Financial Advisors
			13-2053	Insurance Underwriters
			13-2054	Financial Risk Specialists
		13-2060		Financial Examiners
			13-2061	Financial Examiners
		13-2070		Credit Counselors and Loan Officers
			13-2071	Credit Counselors
			13-2072	Loan Officers

Major Grou	p Minor Group	Broad Group	Detailed Occupation	
		13-2080		Tax Examiners, Collectors and Preparers, and Revenue Agents
			13-2081	Tax Examiners and Collectors, and Revenue Agents
			13-2082	Tax Preparers
		13-2090		Miscellaneous Financial Specialists
			13-2099	Financial Specialists, All Other
15-0000				Computer and Mathematical Occupations
	15-1200			Computer Occupations
		15-1210		Computer and Information Analysts
			15-1211	Computer Systems Analysts
			15-1212	Information Security Analysts
		15-1220		Computer and Information Research Scientists
			15-1221	Computer and Information Research Scientists
		15-1230		Computer Support Specialists
			15-1231	Computer Network Support Specialists
			15-1232	Computer User Support Specialists
		15-1240		Database and Network Administrators and Architects
			15-1241	Computer Network Architects
			15-1242	Database Administrators
			15-1243	Database Architects
			15-1244	Network and Computer Systems Administrators
		15-1250		Software and Web Developers, Programmers, and Testers
			15-1251	Computer Programmers
			15-1252	Software Developers
			15-1253	Software Quality Assurance Analysts and Testers
			15-1254	Web Developers
			15-1255	Web and Digital Interface Designers
		15-1290		Miscellaneous Computer Occupations
			15-1299	Computer Occupations, All Other
	15-2000			Mathematical Science Occupations
		15-2010		Actuaries
			15-2011	Actuaries
		15-2020		Mathematicians
			15-2021	Mathematicians
		15-2030		Operations Research Analysts

	Data Scientists Data Scientists Miscellaneous Mathematical Science Occupations Mathematical Science Occupations. All Other	Architecture and Engineering Occupations Architects, Surveyors, and Cartographers Architects, Except Naval	Architects, Except Landscape and Naval Landscape Architects Surveyors, Cartographers, and Photogrammetrists Cartographers and Photogrammetrists	Surveyors Engineers	Aerospace Engineers Aerospace Engineers	Agricultural Engineers Agricultural Engineers	Bioengineers and Biomedical Engineers Bioengineers and Biomedical Engineers	Chemical Engineers Chemical Engineers	CIVII Engineers Civil Engineers	Computer Hardware Engineers Computer Hardware Engineers	Electrical and Electronics Engineers Electrical Engineers Flectronics Engineers	Environmental Engineers Environmental Engineers Industrial Engineers, Including Health and Safety
Broad Group Detailed Occupation 15-2031 15-2040 15-2041	15-2051		17-1011 17-1012 17-1021	17-1022	17-2011	17-2021	17-2031	17-2041	17-2051	17-2061	17-2071	17-2081
Broad Group 15-2040	15-2050 15-2090	17-1010	17-1020		17-2010	17-2020	17-2030	17-2040	17-2050	17-2060	17-2070	17-2080
Major Group Minor Group		17-0000		17-2000								

																17-3000																	Major Group Minor Group
17-3030										17-3020					17-3010			17-2190		17-2170		17-2160		17-2150		17-2140		17-2130		17-2120			Broad Group
17-3031	17-3029	17-3028	17-3027	17-3026	17-3025	17-3024	17-3023	17-3022	17-3021		17-3019	17-3013	17-3012	17-3011			17-2199		17-2171		17-2161		17-2151		17-2141		17-2131		17-2121		17-2112	17-2111	Detailed Occupation
Surveying and Mapping Technicians Surveying and Mapping Technicians	Engineering Technologists and Technicians, Except Drafters, All Other	Calibration Technologists and Technicians	Mechanical Engineering Technologists and Technicians	Industrial Engineering Technologists and Technicians	Environmental Engineering Technologists and Technicians	Electro-Mechanical and Mechatronics Technologists and Technicians	Electrical and Electronic Engineering Technologists and Technicians	Civil Engineering Technologists and Technicians	Aerospace Engineering and Operations Technologists and Technicians	Engineering Technologists and Technicians, Except Drafters	Drafters, All Other	Mechanical Drafters	Electrical and Electronics Drafters	Architectural and Civil Drafters	Drafters	Drafters, Engineering Technicians, and Mapping Technicians	Engineers, All Other	Miscellaneous Engineers	Petroleum Engineers	Petroleum Engineers	Nuclear Engineers	Nuclear Engineers	Mining and Geological Engineers, Including Mining Safety Engineers	Mining and Geological Engineers, Including Mining Safety Engineers	Mechanical Engineers	Mechanical Engineers	Materials Engineers	Materials Engineers	Marine Engineers and Naval Architects	Marine Engineers and Naval Architects	Industrial Engineers	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	

				19-0000
			19-2000	19-1000
19-2090	19-2040	19-2020	19-1020 19-1030 19-1040 19-1090	19-1010
19-2043	19-2031 19-2032 19-2041 19-2042	19-2011 19-2012 19-2021	19-1011 19-1012 19-1013 19-1021 19-1022 19-1023 19-1029 19-1031 19-1032 19-1041 19-1042 19-1049	
Hydrologists Miscellaneous Physical Scientists Physical Scientists, All Other	Chemists Materials Scientists Environmental Scientists and Geoscientists Environmental Scientists and Specialists, Including Health Geoscientists, Except Hydrologists and Geographers	Astronomers Physicists Atmospheric and Space Scientists Atmospheric and Space Scientists Chemists and Materials Scientists	Animal Scientists Food Scientists and Technologists Soil and Plant Scientists Biological Scientists Biochemists and Biophysicists Microbiologists Zoologists and Wildlife Biologists Biological Scientists, All Other Conservation Scientists and Foresters Conservation Scientists Foresters Medical Scientists Epidemiologists Medical Scientists, Except Epidemiologists Miscellaneous Life Scientists Life Scientists, All Other Physical Scientists Astronomers and Physicists	Life, Physical, and Social Science Occupations Life Scientists Agricultural and Food Scientists

Major Group Minor Group Broad Group Detailed Occupation

												19-4000																				19-3000	Major Group Minor Group
19-4050				19-4040		19-4030		19-4020			19-4010							19-3090		19-3050		19-3040					19-3030		19-3020		19-3010		Broad Group
19-4051	19-4044	19-4043	19-4042		19-4031		19-4021		19-4013	19-4012			19-3099	19-3094	19-3093	19-3092	19-3091		19-3051		19-3041		19-3039	19-3034	19-3033	19-3032		19-3022		19-3011			Detailed Occupation
Nuclear Technicians Nuclear Technicians	Hydrologic Technicians	Geological Technicians, Except Hydrologic Technicians	Environmental Science and Protection Technicians, Including Health	Environmental Science and Geoscience Technicians	Chemical Technicians	Chemical Technicians	Biological Technicians	Biological Technicians	Food Science Technicians	Agricultural Technicians	Agricultural and Food Science Technicians	Life, Physical, and Social Science Technicians	Social Scientists and Related Workers, All Other	Political Scientists	Historians	Geographers	Anthropologists and Archeologists	Miscellaneous Social Scientists and Related Workers	Urban and Regional Planners	Urban and Regional Planners	Sociologists	Sociologists	Psychologists, All Other	School Psychologists	Clinical and Counseling Psychologists	Industrial-Organizational Psychologists	Psychologists	Survey Researchers	Survey Researchers	Economists	Economists	Social Scientists and Related Workers	

																					21-0000												Major Group
	21-2000																			21-1000					19-5000								Major Group Minor Group
21-2010							21-1090					21-1020							21-1010					19-5010				19-4090		19-4070		19-4060	Broad Group
21-2011		21-1099	21-1094	21-1093	21-1092	21-1091		21-1029	21-1023	21-1022	21-1021		21-1019	21-1015	21-1014	21-1013	21-1012	21-1011				19-5012	19-5011			19-4099	19-4092		19-4071		19-4061		Detailed Occupation
Clergy Clergy	Religious Workers	Community and Social Service Specialists, All Other	Community Health Workers	Social and Human Service Assistants	Probation Officers and Correctional Treatment Specialists	Health Education Specialists	Miscellaneous Community and Social Service Specialists	Social Workers, All Other	Mental Health and Substance Abuse Social Workers	Healthcare Social Workers	Child, Family, and School Social Workers	Social Workers	Counselors, All Other	Rehabilitation Counselors	Mental Health Counselors	Marriage and Family Therapists	Educational, Guidance, and Career Counselors and Advisors	Substance Abuse and Behavioral Disorder Counselors	Counselors	Counselors, Social Workers, and Other Community and Social Service Specialists	Community and Social Service Occupations	Occupational Health and Safety Technicians	Occupational Health and Safety Specialists	Occupational Health and Safety Specialists and Technicians	Occupational Health and Safety Specialists and Technicians	Life, Physical, and Social Science Technicians, All Other	Forensic Science Technicians	Miscellaneous Life, Physical, and Social Science Technicians	Forest and Conservation Technicians	Forest and Conservation Technicians	Social Science Research Assistants	Social Science Research Assistants	1

												25	25-0000						23								23	23-0000					Major Group Minor Group
												25-1000							23-2000								23-1000						inor Group
			25-1040			25-1030			25-1020		25-1010					23-2090		23-2010					23-1020			23-1010				21-2090		21-2020	Broad Group
25-1043	25-1042	25-1041		25-1032	25-1031		25-1022	25-1021		25-1011				23-2099	23-2093		23-2011			23-1023	23-1022	23-1021		23-1012	23-1011				21-2099		21-2021		Detailed Occupation
Forestry and Conservation Science Teachers Postsecondary	Biological Science Teachers, Postsecondary	Agricultural Sciences Teachers, Postsecondary	Life Sciences Teachers, Postsecondary	Engineering Teachers, Postsecondary	Architecture Teachers, Postsecondary	Engineering and Architecture Teachers, Postsecondary	Mathematical Science Teachers, Postsecondary	Computer Science Teachers, Postsecondary	Math and Computer Science Teachers, Postsecondary	Business Teachers, Postsecondary	Business Teachers, Postsecondary	Postsecondary Teachers	Educational Instruction and Library Occupations	Legal Support Workers, All Other	Title Examiners, Abstractors, and Searchers	Miscellaneous Legal Support Workers	Paralegals and Legal Assistants	Paralegals and Legal Assistants	Legal Support Workers	Judges, Magistrate Judges, and Magistrates	Arbitrators, Mediators, and Conciliators	Administrative Law Judges, Adjudicators, and Hearing Officers	Judges, Magistrates, and Other Judicial Workers	Judicial Law Clerks	Lawyers	Lawyers and Judicial Law Clerks	Lawyers, Judges, and Related Workers	Legal Occupations	Religious Workers, All Other	Miscellaneous Religious Workers	Directors, Religious Activities and Education	Directors, Religious Activities and Education	

																																		Major Group Minor Group
			25-1190							25-1120				25-1110			25-1080			25-1070									25-1060					Broad Group
25-1194	25-1193	25-1192		25-1126	25-1125	25-1124	25-1123	25-1122	25-1121		25-1113	25-1112	25-1111		25-1082	25-1081		25-1072	25-1071		25-1069	25-1067	25-1066	25-1065	25-1064	25-1063	25-1062	25-1061		25-1054	25-1053	25-1052	25-1051	Detailed Occupation
	Recreation and Fitness Studies Teachers, Postsecondary	Family and Consumer Sciences Teachers, Postsecondary	Miscellaneous Postsecondary Teachers	Philosophy and Religion Teachers, Postsecondary	History Teachers, Postsecondary	Foreign Language and Literature Teachers, Postsecondary	English Language and Literature Teachers, Postsecondary	Communications Teachers, Postsecondary	Art, Drama, and Music Teachers, Postsecondary	Arts, Communications, History, and Humanities Teachers, Postsecondary	Social Work Teachers, Postsecondary	Law Teachers, Postsecondary	Criminal Justice and Law Enforcement Teachers, Postsecondary	Law, Criminal Justice, and Social Work Teachers, Postsecondary	Library Science Teachers, Postsecondary	Education Teachers, Postsecondary	Education and Library Science Teachers, Postsecondary	Nursing Instructors and Teachers, Postsecondary	Health Specialties Teachers, Postsecondary	Health Teachers, Postsecondary	Social Sciences Teachers, Postsecondary, All Other	Sociology Teachers, Postsecondary	Psychology Teachers, Postsecondary	Political Science Teachers, Postsecondary	Geography Teachers, Postsecondary	Economics Teachers, Postsecondary	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	Anthropology and Archeology Teachers, Postsecondary	Social Sciences Teachers, Postsecondary	Physics Teachers, Postsecondary	Environmental Science Teachers, Postsecondary	Chemistry Teachers, Postsecondary	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	ם

25-4000													25-3000																		25-2000		Major Group Minor Group
		25-3090		25-3040		25-3030		25-3020				25-3010								25-2050			25-2030				25-2020			25-2010			Broad Group
	25-3099		25-3041		25-3031		25-3021			25-3011				25-2059	25-2058	25-2057	25-2056	25-2055	25-2051		25-2032	25-2031		25-2023	25-2022	25-2021		25-2012	25-2011			25-1199	Detailed Occupation
Librarians, Curators, and Archivists	Teachers and Instructors, All Other	Miscellaneous Teachers and Instructors	Tutors	Tutors	Substitute Teachers, Short-Term	Substitute Teachers, Short-Term	Self-Enrichment Teachers	Self-Enrichment Teachers	Instructors	Adult Basic Education, Adult Secondary Education, and English as a Second Language	Instructors	Adult Basic Education, Adult Secondary Education, and English as a Second Language	Other Teachers and Instructors	Special Education Teachers, All Other	Special Education Teachers, Secondary School	Special Education Teachers, Middle School	Special Education Teachers, Elementary School	Special Education Teachers, Kindergarten	Special Education Teachers, Preschool	Special Education Teachers	Career/Technical Education Teachers, Secondary School	Secondary School Teachers, Except Special and Career/Technical Education	Secondary School Teachers	Career/Technical Education Teachers, Middle School	Middle School Teachers, Except Special and Career/Technical Education	Elementary School Teachers, Except Special Education	Elementary and Middle School Teachers	Kindergarten Teachers, Except Special Education	Preschool Teachers, Except Special Education	Preschool and Kindergarten Teachers	Preschool, Elementary, Middle, Secondary, and Special Education Teachers	Postsecondary Teachers, All Other	on .

	27-0000		Major Grou
	27-1000	25-9000	Major Group Minor Group
27-1020	25-9090	25-4020 25-4030 25-9020 25-9030 25-9040	Broad Group 25-4010
27-1011 27-1012 27-1013 27-1014 27-1019 27-1021 27-1021 27-1022 27-1023 27-1024	25-9049 25-9049 25-9099	25-4022 25-4031 25-9021 25-9031 25-9042	Detailed Occupation 25-4011 25-4012 25-4013
Art Directors Craft Artists Fine Artists, Including Painters, Sculptors, and Illustrators Special Effects Artists and Animators Artists and Related Workers, All Other Designers Commercial and Industrial Designers Fashion Designers Floral Designers Graphic Designers	Teaching Assistants, Postsecondary Teaching Assistants, Postsecondary Teaching Assistants, All Other Miscellaneous Educational Instruction and Library Workers Educational Instruction and Library Workers, All Other Arts, Design, Entertainment, Sports, and Media Occupations Art and Design Workers Artists and Related Workers	Librarians and Media Collections Specialists Librarians and Media Collections Specialists Library Technicians Library Technicians Other Educational Instruction and Library Occupations Farm and Home Management Educators Farm and Home Management Educators Instructional Coordinators Instructional Coordinators Teaching Assistants Teaching Assistants Teaching Assistants, Preschool, Elementary, Middle, and Secondary School, Except Special Education	on Archivists, Curators, and Museum Technicians Archivists Curators Museum Technicians and Conservators

									27-3000																	27-2000					Major Group Minor Group
27-3090		27-3040		27-3030		27-3020		27-3010				27-2090			27-2040			27-2030				27-2020			27-2010						Broad Group
27-3091	27-3041 27-3042 27-3043		27-3031		27-3023		27-3011			27-2099	27-2091		27-2042	27-2041		27-2032	27-2031		27-2023	27-2022	27-2021		27-2012	27-2011			27-1029	27-1027	27-1026	27-1025	Detailed Occupation
Miscellaneous Media and Communication Workers Interpreters and Translators	Editors Technical Writers Writers and Authors	Writers and Editors	Public Relations Specialists	Public Relations Specialists	News Analysts, Reporters, and Journalists	News Analysts, Reporters and Journalists	Broadcast Announcers and Radio Disc Jockeys	Broadcast Announcers and Radio Disc Jockeys	Media and Communication Workers	Entertainers and Performers, Sports and Related Workers, All Other	Disc Jockeys, Except Radio	Miscellaneous Entertainers and Performers, Sports and Related Workers	Musicians and Singers	Music Directors and Composers	Musicians, Singers, and Related Workers	Choreographers	Dancers	Dancers and Choreographers	Umpires, Referees, and Other Sports Officials	Coaches and Scouts	Athletes and Sports Competitors	Athletes, Coaches, Umpires, and Related Workers	Producers and Directors	Actors	Actors, Producers, and Directors	Entertainers and Performers, Sports and Related Workers	Designers, All Other	Set and Exhibit Designers	Merchandise Displayers and Window Trimmers	Interior Designers	n

															29-0000																Major Group
														29-1000														27-4000			Major Group Minor Group
29-1080	29-1070	29-1050		29-1040	20-1000	29-1030					29-1020		29-1010				27-4090			27-4030		27-4020					27-4010				Broad Group
	29-1071	29-1051	29-1041		29-1031	29-1029	29-1024	29-1023	29-1022	29-1021		29-1011				27-4099		27-4032	27-4031		27-4021		27-4015	27-4014	27-4012	27-4011			27-3099	27-3092	Detailed Occupation
Podiatrists	Physician Assistants Physician Assistants	Pharmacists Pharmacists	Optometrists	Optometrists	Dietitians and Nutritionists	Diatitions and Nutritionists	Prosthodontists	Orthodontists	Oral and Maxillofacial Surgeons	Dentists, General	Dentists	Chiropractors	Chiropractors	Healthcare Diagnosing or Treating Practitioners	Healthcare Practitioners and Technical Occupations	Media and Communication Equipment Workers, All Other	Miscellaneous Media and Communication Equipment Workers	Film and Video Editors	Camera Operators, Television, Video, and Film	Television, Video, and Film Camera Operators and Editors	Photographers	Photographers	Lighting Technicians	Sound Engineering Technicians	Broadcast Technicians	Audio and Video Technicians	Broadcast, Sound, and Lighting Technicians	Media and Communication Equipment Workers	Media and Communication Workers, All Other	Court Reporters and Simultaneous Captioners	

																																		Major Group Minor Group
											29-1210		29-1180		29-1170		29-1160		29-1150		29-1140		29-1130									29-1120		Broad Group
29-1223	29-1222	29-1221	29-1218	29-1217	29-1216	29-1215	29-1214	29-1213	29-1212	29-1211		29-1181		29-1171		29-1161		29-1151		29-1141		29-1131		29-1129	29-1128	29-1127	29-1126	29-1125	29-1124	29-1123	29-1122		29-1081	Detailed Occupation
Psychiatrists	Physicians, Pathologists	Pediatricians, General	Obstetricians and Gynecologists	Neurologists	General Internal Medicine Physicians	Family Medicine Physicians	Emergency Medicine Physicians	Dermatologists	Cardiologists	Anesthesiologists	Physicians	Audiologists	Audiologists	Nurse Practitioners	Nurse Practitioners	Nurse Midwives	Nurse Midwives	Nurse Anesthetists	Nurse Anesthetists	Registered Nurses	Registered Nurses	Veterinarians	Veterinarians	Therapists, All Other	Exercise Physiologists	Speech-Language Pathologists	Respiratory Therapists	Recreational Therapists	Radiation Therapists	Physical Therapists	Occupational Therapists	Therapists	Podiatrists	

																					29-2000												Major Group Minor Group
29-2060							29-2050			29-2040							29-2030			29-2010					29-1290					29-1240			Broad Group
29-2061	29-2057	29-2056	29-2055	29-2053	29-2052	29-2051		29-2043	29-2042		29-2036	29-2035	29-2034	29-2033	29-2032	29-2031		29-2012	29-2011			29-1299	29-1292	29-1291		29-1249	29-1243	29-1242	29-1241		29-1229	29-1224	Detailed Occupation
Licensed Practical and Licensed Vocational Nurses Licensed Practical and Licensed Vocational Nurses	Ophthalmic Medical Technicians	Veterinary Technologists and Technicians	Surgical Technologists	Psychiatric Technicians	Pharmacy Technicians	Dietetic Technicians	Health Practitioner Support Technologists and Technicians	Paramedics	Emergency Medical Technicians	Emergency Medical Technicians and Paramedics	Medical Dosimetrists	Magnetic Resonance Imaging Technologists	Radiologic Technologists and Technicians	Nuclear Medicine Technologists	Diagnostic Medical Sonographers	Cardiovascular Technologists and Technicians	Diagnostic Related Technologists and Technicians	Medical and Clinical Laboratory Technicians	Medical and Clinical Laboratory Technologists	Clinical Laboratory Technologists and Technicians	Health Technologists and Technicians	Healthcare Diagnosing or Treating Practitioners, All Other	Dental Hygienists	Acupuncturists	Miscellaneous Healthcare Diagnosing or Treating Practitioners	Surgeons, All Other	Pediatric Surgeons	Orthopedic Surgeons, Except Pediatric	Ophthalmologists, Except Pediatric	Surgeons	Physicians, All Other	Radiologists	

																	31-0000																	Major Group
	31-9000							31-2000								31-1100									29-9000									Major Group Minor Group
31-9010				31-2020			31-2010					31-1130			31-1120							29-9090		29-9020					29-2090		29-2080		29-2070	Broad Group
		31-2022	31-2021		31-2012	31-2011			31-1133	31-1132	31-1131		31-1122	31-1121				29-9099	29-9093	29-9092	29-9091		29-9021			29-2099	29-2092	29-2091		29-2081		29-2072		Detailed Occupation
Massage Therapists	Other Healthcare Support Occupations	Physical Therapist Aides	Physical Therapist Assistants	Physical Therapist Assistants and Aides	Occupational Therapy Aides	Occupational Therapy Assistants	Occupational Therapy Assistants and Aides	Occupational Therapy and Physical Therapist Assistants and Aides	Psychiatric Aides	Orderlies	Nursing Assistants	Nursing Assistants, Orderlies, and Psychiatric Aides	Personal Care Aides	Home Health Aides	Home Health and Personal Care Aides	Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric	Healthcare Support Occupations	Healthcare Practitioners and Technical Workers, All Other	Surgical Assistants	Genetic Counselors	Athletic Trainers	Miscellaneous Health Practitioners and Technical Workers	Health Information Technologists and Medical Registrars	Health Information Technologists and Medical Registrars	Other Healthcare Practitioners and Technical Occupations	Health Technologists and Technicians, All Other	Hearing Aid Specialists	Orthotists and Prosthetists	Miscellaneous Health Technologists and Technicians	Opticians, Dispensing	Opticians, Dispensing	Medical Records Specialists	Medical Records Specialists	a

																				33-0000										
				33-3000						33-2000									33-1000											
33-3030	33-3020	33-3020		33-3010			33-2020		33-2010				33-1090		33-1020			33-1010											31-9090	
33-3031	33-3021	33-3012	33-3011		33-2022	33-2021		33-2011			33-1099	33-1091		33-1021		33-1012	33-1011				31-9099	31-9097	31-9096	31-9095	31-9094	31-9093	31-9092	31-9091		31-9011
Fish and Game Wardens Fish and Game Wardens	Detectives and Criminal Investigators	Correctional Officers and Jailers Detectives and Criminal Investigators	Bailiffs	Law Entorcement Workers Bailiffs, Correctional Officers, and Jailers	Forest Fire Inspectors and Prevention Specialists	Fire Inspectors and Investigators	Fire Inspectors	Firefighters	Firefighters	Firefighting and Prevention Workers	First-Line Supervisors of Protective Service Workers, All Other	First-Line Supervisors of Security Workers	Miscellaneous First-Line Supervisors, Protective Service Workers	First-Line Supervisors of Firefighting and Prevention Workers	First-Line Supervisors of Firefighting and Prevention Workers	First-Line Supervisors of Police and Detectives	First-Line Supervisors of Correctional Officers	First-Line Supervisors of Law Enforcement Workers	Supervisors of Protective Service Workers	Protective Service Occupations	Healthcare Support Workers, All Other	Phlebotomists	Veterinary Assistants and Laboratory Animal Caretakers	Pharmacy Aides	Medical Transcriptionists	Medical Equipment Preparers	Medical Assistants	Dental Assistants	Miscellaneous Healthcare Support Occupations	Massage Therapists

Major Group Minor Group Broad Group Detailed Occupation

								35-2000				35-1000	35-0000														33-9000						Major Group Minor Group
35-2020							35-2010				35-1010								33-9090			33-9030		33-9020		33-9010				33-3050		33-3040	Broad Group
35-2021	35-2019	35-2015	35-2014	35-2013	35-2012	35-2011			35-1012	35-1011				33-9099	33-9094	33-9093	33-9092	33-9091		33-9032	33-9031		33-9021		33-9011			33-3052	33-3051		33-3041		Detailed Occupation
Food Preparation Workers Food Preparation Workers	Cooks, All Other	Cooks, Short Order	Cooks, Restaurant	Cooks, Private Household	Cooks, Institution and Cafeteria	Cooks, Fast Food	Cooks	Cooks and Food Preparation Workers	First-Line Supervisors of Food Preparation and Serving Workers	Chefs and Head Cooks	Supervisors of Food Preparation and Serving Workers	Supervisors of Food Preparation and Serving Workers	Food Preparation and Serving Related Occupations	Protective Service Workers, All Other	School Bus Monitors	Transportation Security Screeners	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	Crossing Guards and Flaggers	Miscellaneous Protective Service Workers	Security Guards	Gambling Surveillance Officers and Gambling Investigators	Security Guards and Gambling Surveillance Officers	Private Detectives and Investigators	Private Detectives and Investigators	Animal Control Workers	Animal Control Workers	Other Protective Service Workers	Transit and Railroad Police	Police and Sheriff's Patrol Officers	Police Officers	Parking Enforcement Workers	Parking Enforcement Workers	

		37-0000			Major Group
37-3000	37-2000	37-1000		35-9000	Major Group Minor Group 35-3000
37-2020 37-3010	37-2010	37-1010	35-9030 35-9090	35-3030 35-3040 35-9010	Broad Group 35-3010 35-3020
37-2021 37-3011 37-3012	37-2011 37-2012 37-2019	37-1011 37-1012	35-9021 35-9031 35-9099	35-3031 35-3041 35-9011	Detailed Occupation 35-3011 35-3023
Pest Control Workers Pest Control Workers Grounds Maintenance Workers Grounds Maintenance Workers Landscaping and Groundskeeping Workers Pesticide Handlers, Sprayers, and Applicators, Vegetation	Building Cleaning and Pest Control Workers Building Cleaning Workers Janitors and Cleaners, Except Maids and Housekeeping Cleaners Maids and Housekeeping Cleaners Building Cleaning Workers, All Other	Building and Grounds Cleaning and Maintenance Occupations Supervisors of Building and Grounds Cleaning and Maintenance Workers First-Line Supervisors of Building and Grounds Cleaning and Maintenance Workers First-Line Supervisors of Housekeeping and Janitorial Workers First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	Dishwashers Dishwashers Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop Miscellaneous Food Preparation and Serving Related Workers Food Preparation and Serving Related Workers, All Other	Waiters and Waitresses Waiters and Waitresses Food Servers, Nonrestaurant Food Servers, Nonrestaurant Other Food Preparation and Serving Related Workers Dining Room and Cafeteria Attendants and Bartender Helpers Dishwashers	Food and Beverage Serving Workers Bartenders Bartenders Fast Food and Counter Workers Fast Food and Counter Workers

	39-4000		39-2000 39-3000	Major Group Minor Group 39-0000 39-1000
39-4020	39-4010	39-3020 39-3030 39-3090	39-1020 39-2010 39-2020 39-3010	p Broad Group
39-4011 39-4012 39-4021	39-3091 39-3092 39-3093 39-3099	39-3011 39-3012 39-3019 39-3021 39-3031	39-1022 39-2011 39-2021	p Detailed Occupation 37-3013 37-3019 39-1013 39-1014
Embalmers Crematory Operators Funeral Attendants Funeral Attendants	Amusement and Recreation Attendants Costume Attendants Locker Room, Coatroom, and Dressing Room Attendants Entertainment Attendants and Related Workers, All Other Funeral Service Workers Embalmers and Crematory Operators	Gambling Dealers Gambling and Sports Book Writers and Runners Gambling Service Workers, All Other Motion Picture Projectionists Motion Picture Projectionists Ushers, Lobby Attendants, and Ticket Takers Ushers, Lobby Attendants, and Ticket Takers Miscellaneous Entertainment Attendants and Related Workers	First-Line Supervisors of Personal Service Workers First-Line Supervisors of Personal Service Workers Animal Care and Service Workers Animal Trainers Animal Trainers Animal Caretakers Animal Caretakers Animal Caretakers Gambling Services Workers	Tree Trimmers and Pruners Grounds Maintenance Workers, All Other Personal Care and Service Occupations Supervisors of Personal Care and Service Workers First-Line Supervisors of Entertainment and Recreation Workers First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services

41-0000						Major Group
41-1000			39-9000	39-6000		Major Group Minor Group 39-5000
41-1010	39-9090	39-9010 39-9030 39-9040	39-7010	39-6010	39-5090	Broad Group 39-4030 39-5010
41-1011 41-1012	39-9041 39-9099	39-9011 39-9031 39-9032	39-7011 39-7012	39-5094 39-6011 39-6012	39-5011 39-5012 39-5091 39-5092	Detailed Occupation 39-4031
Sales and Related Occupations Supervisors of Sales Workers First-Line Supervisors of Sales Workers First-Line Supervisors of Retail Sales Workers First-Line Supervisors of Non-Retail Sales Workers	Residential Advisors Miscellaneous Personal Care and Service Workers Personal Care and Service Workers, All Other	Childcare Workers Childcare Workers Recreation and Fitness Workers Exercise Trainers and Group Fitness Instructors Recreation Workers Residential Advisors	Tour and Travel Guides Tour Guides and Escorts Travel Guides Other Personal Care and Service Workers	Skincare Specialists Baggage Porters, Bellhops, and Concierges Baggage Porters, Bellhops, and Concierges Baggage Porters and Bellhops Concierges Concierges	, Hairstylists, and Cosmetolog ous Personal Appearance V sts, Theatrical and Performan and Pedicurists	Morticians, Undertakers, and Funeral Arrangers Morticians, Undertakers, and Funeral Arrangers Personal Appearance Workers Barbers, Hairdressers, Hairstylists and Cosmetologists

							41-9000				41-4000											41-3000									41-2000	Major Group Minor Group
41-9030			41-9020			41-9010				41-4010			41-3090		41-3040		41-3030		41-3020		41-3010			41-2030			41-2020			41-2010		Broad Group
	41-9022	41-9021		41-9012	41-9011			41-4012	41-4011			41-3091		41-3041		41-3031		41-3021		41-3011			41-2031		41-2022	41-2021		41-2012	41-2011			Detailed Occupation
Sales Engineers	Real Estate Sales Agents	Real Estate Brokers	Real Estate Brokers and Sales Agents	Models	Demonstrators and Product Promoters	Models, Demonstrators, and Product Promoters	Other Sales and Related Workers	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	Sales Representatives, Wholesale and Manufacturing	Sales Representatives, Wholesale and Manufacturing	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	Miscellaneous Sales Representatives, Services	Travel Agents	Travel Agents	Securities, Commodities, and Financial Services Sales Agents	Securities, Commodities, and Financial Services Sales Agents	Insurance Sales Agents	Insurance Sales Agents	Advertising Sales Agents	Advertising Sales Agents	Sales Representatives, Services	Retail Salespersons	Retail Salespersons	Parts Salespersons	Counter and Rental Clerks	Counter and Rental Clerks and Parts Salespersons	Gambling Change Persons and Booth Cashiers	Cashiers	Cashiers	Retail Sales Workers	

43		43		43		43		43		43		43		43	43-3000		43		43		43	43-2000		43	43-1000	43-0000			41		41		Major Group Minor Group Br
43-3090		43-3070		43-3060		43-3050		43-3040		43-3030		43-3020		43-3010			43-2090		43-2020		43-2010			43-1010					41-9090		41-9040		Broad Group
	43-3071		43-3061		43-3051		43-3041		43-3031		43-3021		43-3011			43-2099		43-2021		43-2011			43-1011				41-9099	41-9091		41-9041		41-9031	Detailed Occupation
Miscellaneous Financial Clerks	Tellers	Tellers	Procurement Clerks	Procurement Clerks	Payroll and Timekeeping Clerks	Payroll and Timekeeping Clerks	Gambling Cage Workers	Gambling Cage Workers	Bookkeeping, Accounting, and Auditing Clerks	Bookkeeping, Accounting, and Auditing Clerks	Billing and Posting Clerks	Billing and Posting Clerks	Bill and Account Collectors	Bill and Account Collectors	Financial Clerks	Communications Equipment Operators, All Other	Miscellaneous Communications Equipment Operators	Telephone Operators	Telephone Operators	Switchboard Operators, Including Answering Service	Switchboard Operators, Including Answering Service	Communications Equipment Operators	First-Line Supervisors of Office and Administrative Support Workers	First-Line Supervisors of Office and Administrative Support Workers	Supervisors of Office and Administrative Support Workers	Office and Administrative Support Occupations	Sales and Related Workers, All Other	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	Miscellaneous Sales and Related Workers	Telemarketers	Telemarketers	Sales Engineers	

																														43-4000	Major Group Minor Group
43-4190	43-4180	43-4170	43-4160		43-4150		43-4140		43-4130		43-4120		43-4110		43-4080		43-4070		43-4060		43-4050		43-4040		43-4030		43-4020		43-4010		Broad Group
43-4181		43-4171	43-4161	43-4151		43-4141		43-4131		43-4121		43-4111		43-4081		43-4071		43-4061		43-4051		43-4041		43-4031		43-4021		43-4011			Detailed Occupation
Reservation and Transportation Ticket Agents and Travel Clerks Miscellaneous Information and Record Clerks	Reservation and Transportation Ticket Agents and Travel Clerks	Receptionists and Information Clerks Receptionists and Information Clerks	Human Resources Assistants, Except Payroll and Timekeeping Human Resources Assistants, Except Payroll and Timekeeping	Order Clerks	Order Clerks	New Accounts Clerks	New Accounts Clerks	Loan Interviewers and Clerks	Loan Interviewers and Clerks	Library Assistants, Clerical	Library Assistants, Clerical	Interviewers, Except Eligibility and Loan	Interviewers, Except Eligibility and Loan	Hotel, Motel, and Resort Desk Clerks	Hotel, Motel, and Resort Desk Clerks	File Clerks	File Clerks	Eligibility Interviewers, Government Programs	Eligibility Interviewers, Government Programs	Customer Service Representatives	Customer Service Representatives	Credit Authorizers, Checkers, and Clerks	Credit Authorizers, Checkers, and Clerks	Court, Municipal, and License Clerks	Court, Municipal, and License Clerks	Correspondence Clerks	Correspondence Clerks	Brokerage Clerks	Brokerage Clerks	Information and Record Clerks	

					43-9000						43-6000																				43-5000		Major Group Minor Group
43-9040	43-9030			43-9020						43-6010			43-5110		43-5070		43-5060				43-5050		43-5040			43-5030		43-5020		43-5010			Broad Group
	43-9031	43-9022	43-9021			43-6014	43-6013	43-6012	43-6011			43-5111		43-5071		43-5061		43-5053	43-5052	43-5051		43-5041		43-5032	43-5031		43-5021		43-5011			43-4199	Detailed Occupation
Insurance Claims and Policy Processing Clerks	Desktop Publishers Desktop Publishers	Word Processors and Typists	Data Entry Keyers	Data Entry and Information Processing Workers	Other Office and Administrative Support Workers	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	Medical Secretaries and Administrative Assistants	Legal Secretaries and Administrative Assistants	Executive Secretaries and Executive Administrative Assistants	Secretaries and Administrative Assistants	Secretaries and Administrative Assistants	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	Shipping, Receiving, and Inventory Clerks	Shipping, Receiving, and Inventory Clerks	Production, Planning, and Expediting Clerks	Production, Planning, and Expediting Clerks	Postal Service Mail Sorters, Processors, and Processing Machine Operators	Postal Service Mail Carriers	Postal Service Clerks	Postal Service Workers	Meter Readers, Utilities	Meter Readers, Utilities	Dispatchers, Except Police, Fire, and Ambulance	Public Safety Telecommunicators	Dispatchers	Couriers and Messengers	Couriers and Messengers	Cargo and Freight Agents	Cargo and Freight Agents	Material Recording, Scheduling, Dispatching, and Distributing Workers	Information and Record Clerks, All Other	

45-4000	45-3000												45-2000			45-1000	45-0000														Major Group Minor Group
45-4010	45-3030					45-2090		45-2040		45-2020		45-2010			45-1010				43-9190		43-9110		43-9080		43-9070		43-9060		43-9050		p Broad Group
45-3031		45-2099	45-2093	45-2092	45-2091		45-2041		45-2021		45-2011			45-1011				43-9199		43-9111		43-9081		43-9071		43-9061		43-9051		43-9041	Detailed Occupation
Fishing and Hunting Workers Forest, Conservation, and Logging Workers Forest and Conservation Workers	Fishing and Hunting Workers Fishing and Hunting Workers	Agricultural Workers, All Other	Farmworkers, Farm, Ranch, and Aquacultural Animals	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	Agricultural Equipment Operators	Miscellaneous Agricultural Workers	Graders and Sorters, Agricultural Products	Graders and Sorters, Agricultural Products	Animal Breeders	Animal Breeders	Agricultural Inspectors	Agricultural Inspectors	Agricultural Workers	First-Line Supervisors of Farming, Fishing, and Forestry Workers		Supervisors of Farming, Fishing, and Forestry Workers	Farming, Fishing, and Forestry Occupations	Office and Administrative Support Workers, All Other	Miscellaneous Office and Administrative Support Workers	Statistical Assistants	Statistical Assistants	Proofreaders and Copy Markers	Proofreaders and Copy Markers	Office Machine Operators, Except Computer	Office Machine Operators, Except Computer	Office Clerks, General	Office Clerks, General	Mail Clerks and Mail Machine Operators, Except Postal Service	Mail Clerks and Mail Machine Operators, Except Postal Service	Insurance Claims and Policy Processing Clerks	

																					47-2000			47-1000	47-0000							Major Group Minor Group
47-2080		:	47-2070	:	47-2060			47-2050					47-2040		47-2030			47-2020		47-2010			47-1010							45-4020		Broad Group
47-2081	47-2072 47-2073	47-2071		47-2061		47-2053	47-2051		47-2044	47-2043	47-2042	47-2041		47-2031		47-2022	47-2021		47-2011			47-1011				45-4029	45-4023	45-4022	45-4021		45-4011	Detailed Occupation
Drywall Installers, Ceiling Tile Installers, and Tapers Drywall and Ceiling Tile Installers	Pile Driver Operators Operating Engineers and Other Construction Equipment Operators	Paving, Surfacing, and Tamping Equipment Operators	Construction Equipment Operators	Construction Laborers	Construction Laborers	Terrazzo Workers and Finishers	Cement Masons and Concrete Finishers	Cement Masons, Concrete Finishers, and Terrazzo Workers	Tile and Stone Setters	Floor Sanders and Finishers	Floor Layers, Except Carpet, Wood, and Hard Tiles	Carpet Installers	Carpet, Floor, and Tile Installers and Finishers	Carpenters	Carpenters	Stonemasons	Brickmasons and Blockmasons	Brickmasons, Blockmasons, and Stonemasons	Boilermakers	Boilermakers	Construction Trades Workers	First-Line Supervisors of Construction Trades and Extraction Workers	First-Line Supervisors of Construction Trades and Extraction Workers	Supervisors of Construction and Extraction Workers	Construction and Extraction Occupations	Logging Workers, All Other	Log Graders and Scalers	Logging Equipment Operators	Fallers	Logging Workers	Forest and Conservation Workers	

							47-3000																											Major Group Minor Group
						47-3010			47-2230		47-2220		47-2210		47-2180		47-2170		47-2160			47-2150			47-2140			47-2130		47-2120		47-2110		Broad Group
47-3016	47-3015	47-3014	47-3013	47-3012	47-3011			47-2231		47-2221		47-2211		47-2181		47-2171		47-2161		47-2152	47-2151		47-2142	47-2141		47-2132	47-2131		47-2121		47-2111		47-2082	Detailed Occupation
HelpersRoofers	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	HelpersPainters, Paperhangers, Plasterers, and Stucco Masons	HelpersElectricians	HelpersCarpenters	HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	Helpers, Construction Trades	Helpers, Construction Trades	Solar Photovoltaic Installers	Solar Photovoltaic Installers	Structural Iron and Steel Workers	Structural Iron and Steel Workers	Sheet Metal Workers	Sheet Metal Workers	Roofers	Roofers	Reinforcing Iron and Rebar Workers	Reinforcing Iron and Rebar Workers	Plasterers and Stucco Masons	Plasterers and Stucco Masons	Plumbers, Pipefitters, and Steamfitters	Pipelayers	Pipelayers, Plumbers, Pipefitters, and Steamfitters	Paperhangers	Painters, Construction and Maintenance	Painters and Paperhangers	Insulation Workers, Mechanical	Insulation Workers, Floor, Ceiling, and Wall	Insulation Workers	Glaziers	Glaziers	Electricians	Electricians	Tapers	3

			47-5000				Major Group Minor Group 47-4000
47-5040	47-5030	47-5010 47-5020	47-4090	47-4070	47-4040 47-4050 47-4060	47-4020 47-4030	Broad Group
47-5032 47-5041 47-5043 47-5044 47-5049	47-5022 47-5023	47-5011 47-5012 47-5013	47-4091 47-4099	47-4061 47-4071	47-4041	47-4011 47-4021 47-4031	Detailed Occupation 47-3019
Explosives Workers, Ordnance Handling Experts, and Blasters Underground Mining Machine Operators Continuous Mining Machine Operators Roof Bolters, Mining Loading and Moving Machine Operators, Underground Mining Underground Mining Machine Operators, All Other	Excavating and Loading Machine and Dragline Operators, Surface Mining Earth Drillers, Except Oil and Gas Explosives Workers, Ordnance Handling Experts, and Blasters	Derrick, Rotary Drill, and Service Unit Operators, Oil and Gas Derrick Operators, Oil and Gas Rotary Drill Operators, Oil and Gas Service Unit Operators, Oil and Gas Surface Mining Machine Operators and Earth Drillers	Miscellaneous Construction and Related Workers Segmental Pavers Construction and Related Workers, All Other Extraction Workers	Rail-Track Laying and Maintenance Equipment Operators Septic Tank Servicers and Sewer Pipe Cleaners Septic Tank Servicers and Sewer Pipe Cleaners	Hazardous Materials Removal Workers Hazardous Materials Removal Workers Highway Maintenance Workers Highway Maintenance Workers Rail-Track Laving and Maintenance Equipment Operators	Construction and Building Inspectors Elevator and Escalator Installers and Repairers Elevator and Escalator Installers and Repairers Fence Erectors	Helpers, Construction Trades, All Other Other Construction and Related Workers Construction and Building Inspectors

49-3000	A9-3000	49-2000	49-0000	Major Group Minor Group
49-3010 49-3020		49-1010 49-2010 49-2020 49-2090	47-5050 47-5070 47-5080 47-5090	Broad Group
49-3011 49-3021 49-3022 49-3023	49-2091 49-2092 49-2093 49-2094 49-2095 49-2096 49-2097	49-1011 49-2011 49-2021 49-2022		Detailed Occupation
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers Aircraft Mechanics and Service Technicians Aircraft Mechanics and Service Technicians Automotive Technicians and Repairers Automotive Body and Related Repairers Automotive Glass Installers and Repairers Automotive Service Technicians and Mechanics	Avionics Technicians Electric Motor, Power Tool, and Related Repairers Electrical and Electronics Installers and Repairers, Transportation Equipment Electrical and Electronics Repairers, Commercial and Industrial Equipment Electrical and Electronics Repairers, Powerhouse, Substation, and Relay Electronic Equipment Installers and Repairers, Motor Vehicles Audiovisual Equipment Installers and Repairers Security and Fire Alarm Systems Installers Security and Mobile Equipment Mochanics Installers and Repairers	First-Line Supervisors of Mechanics, Installers, and Repairers First-Line Supervisors of Mechanics, Installers, and Repairers First-Line Supervisors of Mechanics, Installers, and Repairers Electrical and Electronic Equipment Mechanics, Installers, and Repairers Computer, Automated Teller, and Office Machine Repairers Computer, Automated Teller, and Office Machine Repairers Radio and Telecommunications Equipment Installers and Repairers Radio, Cellular, and Tower Equipment Installers and Repairers Telecommunications Equipment Installers and Repairers, Except Line Installers Miscellaneous Electrical and Electronic Equipment Mechanics, Installers, and Repairers		

																			49-9000															Major Group Minor Group
			49-9060			49-9050					49-9040		49-9030		49-9020			49-9010					49-3090				49-3050				49-3040		49-3030	Broad Group
49-9063	49-9062	49-9061		49-9052	49-9051		49-9045	49-9044	49-9043	49-9041		49-9031		49-9021		49-9012	49-9011			49-3093	49-3092	49-3091		49-3053	49-3052	49-3051		49-3043	49-3042	49-3041		49-3031		p Detailed Occupation
Musical Instrument Repairers and Tuners	Medical Equipment Repairers	Camera and Photographic Equipment Repairers	Precision Instrument and Equipment Repairers	Telecommunications Line Installers and Repairers	Electrical Power-Line Installers and Repairers	Line Installers and Repairers	Refractory Materials Repairers, Except Brickmasons	Millwrights	Maintenance Workers, Machinery	Industrial Machinery Mechanics	Industrial Machinery Installation, Repair, and Maintenance Workers	Home Appliance Repairers	Home Appliance Repairers	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Control and Valve Installers and Repairers, Except Mechanical Door	Mechanical Door Repairers	Control and Valve Installers and Repairers	Other Installation, Maintenance, and Repair Occupations	Tire Repairers and Changers	Recreational Vehicle Service Technicians	Bicycle Repairers	Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	Outdoor Power Equipment and Other Small Engine Mechanics	Motorcycle Mechanics	Motorboat Mechanics and Service Technicians	Small Engine Mechanics	Rail Car Repairers	Mobile Heavy Equipment Mechanics, Except Engines	Farm Equipment Mechanics and Service Technicians	Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics	Bus and Truck Mechanics and Diesel Engine Specialists	Bus and Truck Mechanics and Diesel Engine Specialists	מנ

									ļ	Ą			5	51-0000															
51-2060	51-2050	51-2040		51-2030			51-2020		±- 2000 51-2010	51-2000		51-1010	51-1000										49-9090		49-9080		49-9070		
0000	51-2051	51-2041	51-2031		51-2022 51-2023	51-2021		51-2011			51-1011				49-9099	49-9098	49-9097	49-9096	49-9095	49-9094	49-9092	49-9091		49-9081		49-9071		49-9069	49-9064
Timing Device Assemblers and Adjusters Timing Device Assemblers and Adjusters	Fiberglass Laminators and Fabricators Fiberglass Laminators and Fabricators	Structural Metal Fabricators and Fitters Structural Metal Fabricators and Fitters	Engine and Other Machine Assemblers	Engine and Other Machine Assemblers	Electrical and Electronic Equipment Assemblers	Coil Winders, Tapers, and Finishers	Electrical, Electronics, and Electromechanical Assemblers	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	Aircraft Structure Surfaces Rigging and Systems Assemblers	Assemblers and Fabricators		First-Line Supervisors of Production and Operating Workers	Supervisors of Production Workers	Production Occupations	Installation, Maintenance, and Repair Workers, All Other	HelpersInstallation, Maintenance, and Repair Workers	Signal and Track Switch Repairers	Riggers	Manufactured Building and Mobile Home Installers	Locksmiths and Safe Repairers	Commercial Divers	Coin, Vending, and Amusement Machine Servicers and Repairers	Miscellaneous Installation, Maintenance, and Repair Workers	Wind Turbine Service Technicians	Wind Turbine Service Technicians	Maintenance and Repair Workers, General	Maintenance and Repair Workers, General	Precision Instrument and Equipment Repairers, All Other	Watch and Clock Repairers

Major Group Minor Group Broad Group Detailed Occupation

															51-4000												51-3000				Major Group Minor Group
51-4060		51-4050	;	51-4040						51-4030				51-4020						51-3090				51-3020		51-3010				51-2090	Broad Group
51-4061	51-4051 51-4052		51-4041	31-4035	51-4034		51-4033	51-4032	51-4031		51-4023	51-4022	51-4021			51-3099	51-3093	51-3092	51-3091		51-3023	51-3022	51-3021		51-3011			51-2099	51-2092		Detailed Occupation
Model Makers and Patternmakers, Metal and Plastic Model Makers, Metal and Plastic	Metal-Refining Furnace Operators and Tenders Pourers and Casters, Metal	Metal Furnace Operators, Tenders, Pourers, and Casters	Machinists	Machinists	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	Plastic	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	Machine Tool Cutting Setters, Operators, and Tenders, Metal and Plastic	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	Forming Machine Setters, Operators, and Tenders, Metal and Plastic	Metal Workers and Plastic Workers	Food Processing Workers, All Other	Food Cooking Machine Operators and Tenders	Food Batchmakers	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	Miscellaneous Food Processing Workers	Slaughterers and Meat Packers	Meat, Poultry, and Fish Cutters and Trimmers	Butchers and Meat Cutters	Butchers and Other Meat, Poultry, and Fish Processing Workers	Bakers	Bakers	Food Processing Workers	Assemblers and Fabricators, All Other	Team Assemblers	Miscellaneous Assemblers and Fabricators	a e e e e e e e e e e e e e e e e e e e

			51-6000		51-5100			Major Group Minor Group
51-6050	51-6030 51-6040	51-6020	51-6010	51-5110		51-4120 51-4190	51-4080 51-4110	Broad Group 51-4070
51-6041 51-6042	51-6031	51-6011 51-6021	51-5112 51-5113	51-5111	51-4191 51-4192 51-4193 51-4194 51-4199	51-4111 51-4121 51-4122	51-4081	Detailed Occupation 51-4062 51-4071 51-4072
Shoe and Leather Workers and Repairers Shoe Machine Operators and Tenders Tailors, Dressmakers, and Sewers	Sewing Machine Operators Sewing Machine Operators Shoe and Leather Workers	Laundry and Dry-Cleaning Workers Pressers, Textile, Garment, and Related Materials Pressers, Textile, Garment, and Related Materials	Printing Press Operators Print Binding and Finishing Workers Textile, Apparel, and Furnishings Workers Laundry and Dry-Cleaning Workers	Printing Workers Prepress Technicians and Workers	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic Layout Workers, Metal and Plastic Plating Machine Setters, Operators, and Tenders, Metal and Plastic Tool Grinders, Filers, and Sharpeners Metal Workers and Plastic Workers, All Other Printing Workers	Tool and Die Makers Welding, Soldering, and Brazing Workers Welders, Cutters, Solderers, and Brazers Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders Miscellaneous Metal Workers and Plastic Workers	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic Tool and Die Makers	Patternmakers, Metal and Plastic Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic Foundry Mold and Coremakers Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic

							51-8000													51-7000													Major Group Minor Group
51-8030		51-8020				51-8010			51-7090			51-7040			51-7030		51-7020		51-7010						51-6090					51-6060			Broad Group
	51-8021		51-8013	51-8012	51-8011			51-7099		51-7042	51-7041		51-7032	51-7031		51-7021		51-7011			51-6099	51-6093	51-6092	51-6091		51-6064	51-6063	51-6062	51-6061		51-6052	51-6051	Detailed Occupation
Water and Wastewater Treatment Plant and System Operators	Stationary Engineers and Boiler Operators	Stationary Engineers and Boiler Operators	Power Plant Operators	Power Distributors and Dispatchers	Nuclear Power Reactor Operators	Power Plant Operators, Distributors, and Dispatchers	Plant and System Operators	Woodworkers, All Other	Miscellaneous Woodworkers	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	Sawing Machine Setters, Operators, and Tenders, Wood	Woodworking Machine Setters, Operators, and Tenders	Patternmakers, Wood	Model Makers, Wood	Model Makers and Patternmakers, Wood	Furniture Finishers	Furniture Finishers	Cabinetmakers and Bench Carpenters	Cabinetmakers and Bench Carpenters	Woodworkers	Textile, Apparel, and Furnishings Workers, All Other	Upholsterers	Fabric and Apparel Patternmakers	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	Miscellaneous Textile, Apparel, and Furnishings Workers	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	Textile Cutting Machine Setters, Operators, and Tenders	Textile Bleaching and Dyeing Machine Operators and Tenders	Textile Machine Setters, Operators, and Tenders	Tailors, Dressmakers, and Custom Sewers	Sewers, Hand	n

																			51-9000							Major Group Minor Group
51-9120	51-9110		51-9080	21-9070	1		51-9050	51-9040			51-9030				51-9020			51-9010						51-8090		Broad Group
51-9123	51-9111	51-9082 51-9083	51-9081	51-9071	51-9061	51-9051		51-9041	51-9032	51-9031		51-9023	51-9022	51-9021		51-9012	51-9011			51-8099	51-8093	51-8092	51-8091		51-8031	Detailed Occupation
	Packaging and Filling Machine Operators and Tenders Packaging and Filling Machine Operators and Tenders	Medical Appliance Technicians Onbthalmic Laboratory Technicians	Dental and Ophthalmic Laboratory Technicians and Medical Appliance Technicians Dental Laboratory Technicians	Jewelers and Precious Stone and Metal Workers	Inspectors, Testers, Sorters, Samplers, and Weighers Inspectors, Testers, Sorters, Samplers, and Weighers	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	Cutting and Slicing Machine Setters, Operators, and Tenders	Cutters and Trimmers, Hand	Cutting Workers	Mixing and Blending Machine Setters, Operators, and Tenders	Grinding and Polishing Workers, Hand		Crushing, Grinding, Polishing, Mixing, and Blending Workers	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	Chemical Equipment Operators and Tenders	Chemical Processing Machine Setters, Operators, and Tenders	Other Production Occupations	Plant and System Operators, All Other	Petroleum Pump System Operators, Refinery Operators, and Gaugers	Gas Plant Operators	Chemical Plant and System Operators	Miscellaneous Plant and System Operators	Water and Wastewater Treatment Plant and System Operators	

							53-2000							53-1000	53-0000																			Major Group Minor Group
53-2030			53-2020			53-2010	0						53-1040	0											51-9190			51-9160		51-9150		51-9140		Group Broad Group
	53-2022	53-2021		53-2012	53-2011			53-1049	53-1044	53-1043	53-1042	53-1041				51-9199	51-9198	51-9197	51-9196	51-9195	51-9194	51-9193	51-9192	51-9191		51-9162	51-9161		51-9151		51-9141		51-9124	Detailed Occupation
Flight Attendants	Airfield Operations Specialists	Air Traffic Controllers	Air Traffic Controllers and Airfield Operations Specialists	Commercial Pilots	Airline Pilots, Copilots, and Flight Engineers	Aircraft Pilots and Flight Engineers	Air Transportation Workers	First-Line Supervisors of Transportation Workers, All Other	First-Line Supervisors of Passenger Attendants	First-Line Supervisors of Material-Moving Machine and Vehicle Operators	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	Aircraft Cargo Handling Supervisors	First-Line Supervisors of Transportation and Material Moving Workers	Supervisors of Transportation and Material Moving Workers	Transportation and Material Moving Occupations	Production Workers, All Other	HelpersProduction Workers	Tire Builders	Paper Goods Machine Setters, Operators, and Tenders	Molders, Shapers, and Casters, Except Metal and Plastic	Etchers and Engravers	Cooling and Freezing Equipment Operators and Tenders	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	Adhesive Bonding Machine Operators and Tenders	Miscellaneous Production Workers	Computer Numerically Controlled Tool Programmers	Computer Numerically Controlled Tool Operators	Computer Numerically Controlled Tool Operators and Programmers	Photographic Process Workers and Processing Machine Operators	Photographic Process Workers and Processing Machine Operators	Semiconductor Processing Technicians		Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	ON CONTRACTOR OF THE CONTRACTO

53-5030		53-5020		53-5010	53-5000		53-4090		53-4040		53-4030		53-4020			53-4010	53-4000		53-3090					53-3050				53-3030		53-3010	53-3000		Major Group Minor Group Broad Group
	53-5021 53-5022		53-5011			53-4099		53-4041		53-4031		53-4022		53-4013	53-4011			53-3099		53-3054	53-3053	53-3052	53-3051		53-3033	53-3032	53-3031		53-3011			53-2031	oup Detailed Occupation
Ship Engineers	Captains, Mates, and Pilots of Water Vessels Motorboat Operators	Ship and Boat Captains and Operators	Sailors and Marine Oilers	Sailors and Marine Oilers	Water Transportation Workers	Rail Transportation Workers, All Other	Miscellaneous Rail Transportation Workers	Subway and Streetcar Operators	Subway and Streetcar Operators	Railroad Conductors and Yardmasters	Railroad Conductors and Yardmasters	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	Rail Yard Engineers, Dinkey Operators, and Hostlers	Locomotive Engineers	Locomotive Engineers and Operators	Rail Transportation Workers	Motor Vehicle Operators, All Other	Miscellaneous Motor Vehicle Operators	Taxi Drivers	Shuttle Drivers and Chauffeurs	Bus Drivers, Transit and Intercity	Bus Drivers, School	Passenger Vehicle Drivers	Light Truck Drivers	Heavy and Tractor-Trailer Truck Drivers	Driver/Sales Workers	Driver/Sales Workers and Truck Drivers	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	Motor Vehicle Operators	Flight Attendants	

		53-7000	Major Group Minor Group 53-6000
53-7060	53-7010 53-7020 53-7030 53-7040 53-7050	53-6050 53-6060 53-6090	roup
53-7051 53-7061 53-7062 53-7063 53-7064 53-7065	53-7011 53-7021 53-7031 53-7041	53-6041 53-6051 53-6061 53-6099	Detailed Occupation 53-5031 53-6011 53-6021 53-6031 53-6032
Industrial Truck and Tractor Operators Laborers and Material Movers Cleaners of Vehicles and Equipment Laborers and Freight, Stock, and Material Movers, Hand Machine Feeders and Offbearers Packers and Packagers, Hand Stockers and Order Fillers	Conveyor Operators and Tenders Conveyor Operators and Tenders Crane and Tower Operators Crane and Tower Operators Dredge Operators Dredge Operators Hoist and Winch Operators Industrial Truck and Tractor Operators	Traffic Technicians Traffic Technicians Transportation Inspectors Transportation Inspectors Passenger Attendants Passenger Attendants Miscellaneous Transportation Workers Transportation Workers, All Other Material Moving Workers	

	55-3000	55-2000	55-0000 55-1000	Major Group Minor Group
55-3010		00 55-2010	53-7080 53-7120 53-7190 00 55-1010	r Group Broad Group 53-7070
55-3011 55-3012 55-3013 55-3014 55-3015 55-3016	55-2011 55-2012 55-2013	55-1014 55-1015 55-1016 55-1017 55-1019	53-7081 53-7121 53-7199 53-71011 55-1011 55-1013	Detailed Occupation 53-7071 53-7072 53-7073
Air Crew Members Air Crew Members Aircraft Launch and Recovery Specialists Armored Assault Vehicle Crew Members Artillery and Missile Crew Members Command and Control Center Specialists	First-Line Supervisors of Air Crew Members First-Line Supervisors of Weapons Specialists/Crew Members First-Line Supervisors of All Other Tactical Operations Specialists Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members	Artillery and Missile Officers Command and Control Center Officers Infantry Officers Special Forces Officers Military Officer Special and Tactical Operations Leaders, All Other First-Line Enlisted Military Supervisors First-Line Enlisted Military Supervisors	Refuse and Recyclable Material Collectors Refuse and Recyclable Material Collectors Tank Car, Truck, and Ship Loaders Tank Car, Truck, and Ship Loaders Miscellaneous Material Moving Workers Material Moving Workers, All Other Military Specific Occupations Military Officer Special and Tactical Operations Leaders Military Officer Special and Tactical Operations Leaders Air Crew Officers Air Crew Officers Armored Assault Vehicle Officers Armored Assault Vehicle Officers	Pumping Station Operators Gas Compressor and Gas Pumping Station Operators Pump Operators, Except Wellhead Pumpers Wellhead Pumpers

Major Group Minor Group Broad Group Detailed Occupation 55-3018 55-3019

Special Forces

Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members, All Other