

Utah NonMetro* Occupational Projections 2006-2016

* Includes Beaver, Carbon, Daggett, Duchesne, Emery, Garfield, Grand, Iron, Kane, Millard, Piute, Rich, San Juan, Sanpete, Sevier, Uintah, Wasatch, and Wayne counties.

SOC Code	Occupation	Stars	Employment Estimates		Annual Growth Rate	Annual Openings			Training Level
			2006	2016		Growth	Replacements	Total	
	Total, All Occupations		119,290	146,670	2.3%	2,790	2,650	5,440	
11-0000	Management Occupations		10,840	12,240	1.3%	160	180	340	
11-1000	Top Executives		1,500	1,700	1.3%	20	40	60	
11-1011	Chief Executives	2	230	260	1.3%	0	10	10	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	5	1,060	1,200	1.3%	10	30	40	Bachelor's or higher degree, plus work experience
11-1031	Legislators	NR	210	240	1.3%	0	0	10	Bachelor's or higher degree, plus work experience
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers		170	210	2.5%	0	0	10	
11-2022	Sales Managers	3	130	160	2.5%	0	0	10	Bachelor's or higher degree, plus work experience
11-3000	Operations Specialties Managers		560	670	1.9%	10	10	20	
11-3031	Financial Managers	5	270	340	2.4%	10	0	10	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	NR	60	70	2.0%	0	0	0	Work experience in a related occupation
11-3071	Transportation, Storage, and Distribution Managers	NR	60	60	0.9%	0	0	0	Work experience in a related occupation
11-9000	Other Management Occupations		8,610	9,660	1.2%	130	130	260	
11-9021	Construction Managers	4	1,370	2,000	4.6%	60	20	80	Bachelor's degree
11-9032	Education Administrators, Elementary and Secondary School	4	220	260	1.6%	0	10	10	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	2	160	180	1.6%	0	0	10	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	2	190	240	2.4%	10	10	10	Work experience in a related occupation
11-9081	Lodging Managers	5	300	400	3.2%	10	10	20	Work experience in a related occupation
11-9111	Medical and Health Services Managers	2	120	150	2.6%	0	0	10	Bachelor's or higher degree, plus work experience
11-9121	Natural Sciences Managers	NR	60	60	1.1%	0	0	0	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	NR	80	110	3.4%	0	0	10	Work experience in a related occupation
11-9151	Social and Community Service Managers	3	120	150	2.6%	0	0	10	Bachelor's degree
11-9199	Managers, All Other	NR	1,530	1,800	1.8%	30	30	60	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations		2,160	2,660	2.4%	50	40	90	
13-1000	Business Operations Specialists		990	1,250	2.6%	30	20	40	
13-1022	Wholesale and Retail Buyers, Except Farm Products	NR	70	70	1.2%	0	0	0	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	2	110	130	1.5%	0	0	0	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	2	100	130	2.3%	0	0	0	Long-term on-the-job training
13-1073	Training and Development Specialists	NR	80	90	2.2%	0	0	0	Bachelor's or higher degree, plus work experience
13-1111	Management Analysts	NR	50	70	2.5%	0	0	0	Bachelor's or higher degree, plus work experience
13-1199	Business Operations Specialists, All Other	NR	310	410	3.1%	10	0	10	Bachelor's degree
13-2000	Financial Specialists		1,160	1,420	2.2%	30	20	50	
13-2011	Accountants and Auditors	5	650	800	2.3%	20	10	30	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	3	150	180	2.4%	0	0	10	Bachelor's degree
13-2072	Loan Officers	3	240	290	2.0%	10	0	10	Bachelor's degree
15-0000	Computer and Mathematical Occupations		520	620	2.1%	10	10	20	
15-1000	Computer Specialists		510	620	2.1%	10	10	20	
15-1021	Computer Programmers	2	140	130	-0.1%	0	0	0	Bachelor's degree
15-1041	Computer Support Specialists	1	150	170	1.2%	0	10	10	Associate degree
15-1051	Computer Systems Analysts	NR	50	60	2.8%	0	0	0	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	NR	80	130	6.7%	10	0	10	Bachelor's degree

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SOC Code	Occupation	Stars	Employment Estimates		Annual Growth Rate	Annual Openings			Training Level
			2006	2016		Growth	Replacements	Total	
17-0000	Architecture and Engineering Occupations		1,060	1,330	2.6%	30	30	50	
17-1000	Architects, Surveyors, and Cartographers		180	230	3.1%	10	10	10	
17-1022	Surveyors	4	140	190	3.6%	10	0	10	Bachelor's degree
17-2000	Engineers		410	520	2.8%	10	10	20	
17-2051	Civil Engineers	5	170	220	3.1%	10	10	10	Bachelor's degree
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	NR	50	70	3.7%	0	0	0	Bachelor's degree
17-3000	Drafters, Engineering, and Mapping Technicians		470	570	2.1%	10	10	20	
17-3011	Architectural and Civil Drafters	NR	70	90	2.1%	0	0	0	Postsecondary vocational training
17-3022	Civil Engineering Technicians	NR	50	60	1.6%	0	0	0	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	NR	90	100	1.0%	0	0	0	Associate degree
17-3029	Engineering Technicians, Except Drafters, All Other	NR	50	50	1.0%	0	0	0	Associate degree
17-3031	Surveying and Mapping Technicians	3	150	200	3.2%	10	0	10	Moderate-term on-the-job training
19-0000	Life, Physical, and Social Science Occupations		1,820	2,200	2.1%	40	50	90	
19-1000	Life Scientists		460	540	1.9%	10	10	20	
19-1023	Zoologists and Wildlife Biologists	2	110	120	1.1%	0	0	0	Bachelor's degree
19-1029	Biological Scientists, All Other	NR	110	130	1.6%	0	0	0	Doctoral degree
19-1031	Conservation Scientists	4	150	200	3.0%	10	10	10	Bachelor's degree
19-1032	Foresters	NR	50	60	1.4%	0	0	0	Bachelor's degree
19-2000	Physical Scientists		140	190	3.4%	10	0	10	
19-2041	Environmental Scientists and Specialists, Including Health	NR	50	70	4.8%	0	0	0	Master's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	NR	60	70	2.7%	0	0	0	Master's degree
19-3000	Social Scientists and Related Workers		290	370	2.4%	10	0	10	
19-3021	Market Research Analysts	NR	60	90	4.3%	0	0	0	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	NR	90	120	4.1%	0	0	10	Doctoral degree
19-4000	Life, Physical, and Social Science Technicians		930	1,100	1.8%	20	30	50	
19-4021	Biological Technicians	2	160	210	2.7%	0	10	10	Bachelor's degree
19-4031	Chemical Technicians	NR	60	90	3.3%	0	0	0	Associate degree
19-4041	Geological and Petroleum Technicians	3	190	220	1.5%	0	10	10	Associate degree
19-4093	Forest and Conservation Technicians	3	450	520	1.6%	10	20	20	Associate degree
21-0000	Community and Social Services Occupations		2,480	3,270	3.2%	80	40	120	
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists		2,230	2,960	3.3%	70	30	110	
21-1012	Educational, Vocational, and School Counselors	4	230	280	2.1%	10	10	10	Master's degree
21-1014	Mental Health Counselors	NR	50	80	5.3%	0	0	0	Master's degree
21-1021	Child, Family, and School Social Workers	3	220	270	2.4%	10	10	10	Bachelor's degree
21-1022	Medical and Public Health Social Workers	NR	70	110	4.6%	0	0	10	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	3	150	190	2.8%	0	0	10	Master's degree
21-1093	Social and Human Service Assistants	3	1,050	1,470	4.1%	40	10	60	Moderate-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	NR	200	240	1.8%	0	0	10	Bachelor's degree
23-0000	Legal Occupations		310	390	2.3%	10	10	10	
23-1000	Lawyers, Judges, and Related Workers		180	240	3.3%	10	0	10	
23-1011	Lawyers	4	140	190	3.5%	10	0	10	First professional degree
23-2000	Legal Support Workers	NR	130	140	1.0%	0	0	0	
23-2093	Title Examiners, Abstractors, and Searchers	NR	90	90	0.6%	0	0	0	Moderate-term on-the-job training

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			2006	2016		Growth	Replacements	Total	
25-0000	Education, Training, and Library Occupations		7,360	8,580	1.7%	120	140	260	
25-1000	Postsecondary Teachers		860	1,060	2.4%	20	10	30	
25-1011	Business Teachers, Postsecondary	NR	70	90	2.4%	0	0	0	Master's degree
25-1072	Nursing Instructors and Teachers, Postsecondary	NR	60	70	2.3%	0	0	0	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	NR	70	80	2.5%	0	0	0	Master's degree
25-1123	English Language and Literature Teachers, Postsecondary	NR	50	60	2.4%	0	0	0	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	3	220	270	2.1%	10	0	10	Bachelor's or higher degree, plus work experience
25-2000	Primary, Secondary, and Special Education School Teachers		2,730	3,240	1.9%	50	60	120	
25-2011	Preschool Teachers, Except Special Education	2	220	280	2.5%	10	0	10	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	NR	90	120	2.4%	0	0	0	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	4	960	1,160	2.1%	20	20	40	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	4	510	600	1.9%	10	10	20	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	4	560	630	1.2%	10	20	20	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	3	140	150	0.6%	0	0	10	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	3	100	120	2.6%	0	0	10	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	NR	70	90	2.2%	0	0	0	Bachelor's degree
25-3000	Other Teachers and Instructors		1,070	1,210	1.4%	20	10	30	
25-3099	Teachers and Instructors, All Other	NR	910	1,030	1.3%	10	10	20	Bachelor's degree
25-4000	Librarians, Curators, and Archivists		200	230	1.2%	0	10	10	
25-4021	Librarians	NR	90	100	1.0%	0	0	0	Master's degree
25-4031	Library Technicians	1	100	110	1.6%	0	10	10	Postsecondary vocational training
25-9000	Other Education, Training, and Library Occupations		2,510	2,840	1.3%	30	40	70	
25-9031	Instructional Coordinators	NR	70	80	2.3%	0	0	0	Master's degree
25-9041	Teacher Assistants	3	1,790	2,030	1.3%	20	30	50	Short-term on-the-job training
25-9099	Education, Training, and Library Workers, All Other	NR	650	730	1.3%	10	10	20	Bachelor's degree
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations		1,400	1,700	2.2%	30	40	70	
27-1000	Art and Design Workers		610	770	2.7%	20	20	30	
27-1012	Craft Artists	NR	80	110	3.5%	0	0	10	Long-term on-the-job training
27-1023	Floral Designers	1	180	220	2.3%	0	10	10	Moderate-term on-the-job training
27-1024	Graphic Designers	2	200	260	3.3%	10	10	10	Bachelor's degree
27-2000	Entertainers and Performers, Sports and Related Workers		470	560	1.9%	10	10	20	
27-2012	Producers and Directors	NR	60	70	1.7%	0	0	0	Bachelor's or higher degree, plus work experience
27-3000	Media and Communication Workers		220	270	2.3%	10	10	10	
27-3031	Public Relations Specialists	NR	70	80	2.4%	0	0	0	Bachelor's degree
27-4000	Media and Communication Equipment Workers		100	100	-0.1%	0	0	0	
27-4021	Photographers	NR	70	70	-0.3%	0	0	0	Long-term on-the-job training

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29-0000	Healthcare Practitioners and Technical Occupations		3,540	4,650	3.1%	110	70	180	
29-1000	Health Diagnosing and Treating Practitioners		2,030	2,720	3.4%	70	30	100	
29-1011	Chiropractors	NR	80	110	3.9%	0	0	0	First professional degree
29-1021	Dentists, General	4	140	180	3.2%	0	0	10	First professional degree
29-1041	Optometrists		70	90	3.1%	0	0	0	First professional degree
29-1051	Pharmacists	NR	140	200	4.2%	10	0	10	First professional degree
29-1062	Family and General Practitioners	4	180	240	2.8%	10	0	10	First professional degree
29-1111	Registered Nurses	5	1,020	1,380	3.6%	40	20	50	Associate degree
29-1123	Physical Therapists	NR	50	70	4.3%	0	0	0	Master's degree
29-1131	Veterinarians	NR	50	60	1.0%	0	0	0	First professional degree
29-2000	Health Technologists and Technicians		1,430	1,840	2.8%	40	30	70	
29-2011	Medical and Clinical Laboratory Technologists	NR	80	90	0.9%	0	0	0	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	NR	50	60	1.9%	0	0	0	Associate degree
29-2021	Dental Hygienists	5	120	180	5.3%	10	0	10	Associate degree
29-2034	Radiologic Technologists and Technicians	NR	90	100	1.7%	0	0	0	Associate degree
29-2052	Pharmacy Technicians	4	170	270	5.4%	10	10	10	Moderate-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	2	330	400	2.1%	10	10	20	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	1	100	120	2.0%	0	0	10	Associate degree
29-2081	Opticians, Dispensing	3	100	130	3.4%	0	0	10	Long-term on-the-job training
29-9000	Other Healthcare Practitioners and Technical Occupations		70	80	1.4%	0	0	0	
29-9011	Occupational Health and Safety Specialists	NR	60	70	1.5%	0	0	0	Bachelor's degree
31-0000	Healthcare Support Occupations		2,260	3,210	4.2%	100	30	120	
31-1000	Nursing, Psychiatric, and Home Health Aides		1,240	1,780	4.3%	50	10	70	
31-1011	Home Health Aides	2	290	470	6.6%	20	0	20	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	2	960	1,310	3.6%	40	10	40	Postsecondary vocational training
31-9000	Other Healthcare Support Occupations		980	1,380	4.1%	40	10	50	
31-9091	Dental Assistants	3	430	650	5.3%	20	10	30	Moderate-term on-the-job training
31-9092	Medical Assistants	4	220	340	5.6%	10	0	20	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	NR	90	120	2.5%	0	0	0	Postsecondary vocational training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	NR	90	90	0.0%	0	0	0	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	NR	50	50	1.3%	0	0	0	Short-term on-the-job training
33-0000	Protective Service Occupations		2,200	2,740	2.5%	60	80	130	
33-1000	First-Line Supervisors/Managers, Protective Service Workers		150	180	2.2%	0	0	10	
33-1012	First-Line Supervisors/Managers of Police and Detectives	2	100	120	2.1%	0	0	10	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers		130	170	2.6%	0	10	10	
33-3000	Law Enforcement Workers		1,080	1,370	2.7%	30	30	60	
33-3012	Correctional Officers and Jailers	5	440	580	3.2%	10	10	20	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	NR	50	60	3.2%	0	0	0	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	5	570	710	2.4%	10	20	30	Long-term on-the-job training
33-9000	Other Protective Service Workers		840	1,030	2.2%	20	40	60	
33-9032	Security Guards	3	240	290	2.3%	10	10	10	Short-term on-the-job training
33-9091	Crossing Guards	1	160	180	1.3%	0	10	10	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	2	170	210	2.5%	0	10	20	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	NR	220	280	2.6%	10	20	20	Short-term on-the-job training

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35-0000	Food Preparation and Serving Related Occupations		9,050	11,760	3.0%	270	330	600	
35-1000	Supervisors, Food Preparation and Serving Workers		660	850	2.9%	20	10	20	
35-1011	Chefs and Head Cooks		60	70	2.8%	0	0	0	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4	600	770	2.9%	20	10	20	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers		2,820	3,600	2.8%	80	80	160	
35-2011	Cooks, Fast Food	2	480	610	2.8%	10	10	30	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	3	620	700	1.3%	10	20	30	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	3	1,060	1,390	3.2%	30	30	60	Long-term on-the-job training
35-2021	Food Preparation Workers	2	540	740	3.6%	20	20	40	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers		4,530	5,970	3.2%	150	190	340	
35-3011	Bartenders	2	140	180	2.8%	0	10	10	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2	1,690	2,320	3.7%	60	30	100	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2	590	750	2.8%	20	40	60	Short-term on-the-job training
35-3031	Waiters and Waitresses	2	2,040	2,640	2.9%	60	110	170	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	NR	80	100	2.8%	0	0	0	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers		1,050	1,350	2.8%	30	50	80	
35-9021	Dishwashers	2	400	520	2.8%	10	20	30	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2	320	420	2.9%	10	20	30	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations		5,270	6,590	2.5%	130	90	220	
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers		430	540	2.5%	10	10	20	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	4	270	330	2.4%	10	0	10	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	3	160	210	2.7%	10	0	10	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers		3,500	4,540	3.0%	100	70	170	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3	1,350	1,650	2.2%	30	30	60	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	2	2,120	2,860	3.5%	70	40	110	Short-term on-the-job training
37-3000	Grounds Maintenance Workers		1,330	1,510	1.4%	20	20	40	
37-3011	Landscaping and Groundskeeping Workers	3	1,210	1,360	1.3%	20	20	30	Short-term on-the-job training
39-0000	Personal Care and Service Occupations		3,680	4,620	2.5%	90	90	180	
39-1000	Supervisors, Personal Care and Service Workers		90	100	2.0%	0	0	0	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	NR	90	100	2.0%	0	0	0	Work experience in a related occupation
39-3000	Entertainment Attendants and Related Workers		380	500	3.3%	10	20	30	
39-3091	Amusement and Recreation Attendants	2	300	400	3.5%	10	20	30	Short-term on-the-job training
39-5000	Personal Appearance Workers		1,080	1,240	1.4%	20	10	30	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2	920	1,030	1.2%	10	10	20	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants		470	620	3.0%	10	20	30	
39-6021	Tour Guides and Escorts	3	240	310	3.0%	10	10	20	Moderate-term on-the-job training
39-6022	Travel Guides	4	140	190	3.5%	10	10	10	Moderate-term on-the-job training
39-9000	Other Personal Care and Service Workers		1,460	1,940	3.2%	50	40	90	
39-9011	Child Care Workers	2	930	1,250	3.4%	30	30	60	Short-term on-the-job training
39-9021	Personal and Home Care Aides	2	100	140	4.4%	0	0	10	Short-term on-the-job training
39-9032	Recreation Workers	2	340	440	2.7%	10	10	20	Short-term on-the-job training
39-9041	Residential Advisors	NR	60	80	2.9%	0	0	0	Short-term on-the-job training

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Utah NonMetro* Occupational Projections 2006-2016

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SOC Code	Occupation	Stars	Employment Estimates		Annual Growth Rate	Annual Openings			Training Level
			2006	2016		Growth	Replacements	Total	
41-0000	Sales and Related Occupations		11,530	14,150	2.3%	260	370	630	
41-1000	Supervisors, Sales Workers		2,110	2,680	2.7%	60	40	100	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4	1,880	2,410	2.8%	50	40	90	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	2	230	270	1.8%	0	0	10	Work experience in a related occupation
41-2000	Retail Sales Workers		6,760	8,300	2.3%	150	270	420	
41-2011	Cashiers	2	3,750	4,290	1.4%	50	180	230	Short-term on-the-job training
41-2021	Counter and Rental Clerks	2	350	500	4.2%	20	10	30	Short-term on-the-job training
41-2022	Parts Salespersons	3	340	390	1.4%	10	0	10	Moderate-term on-the-job training
41-2031	Retail Salespersons	2	2,310	3,110	3.5%	80	70	150	Short-term on-the-job training
41-3000	Sales Representatives, Services		490	630	3.0%	20	10	30	
41-3011	Advertising Sales Agents	NR	70	100	4.4%	0	0	0	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	3	270	350	2.8%	10	10	10	Bachelor's degree
41-3099	Sales Representatives, Services, All Other	NR	50	70	4.3%	0	0	0	Work experience in a related occupation
41-4000	Sales Representatives, Wholesale and Manufacturing		1,330	1,580	1.9%	30	30	60	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	4	250	310	2.5%	10	10	10	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5	1,080	1,270	1.8%	20	20	40	Work experience in a related occupation
41-9000	Other Sales and Related Workers		860	960	1.2%	10	20	30	
41-9022	Real Estate Sales Agents	3	540	610	1.4%	10	10	20	Postsecondary vocational training
41-9041	Telemarketers	1	180	190	0.5%	0	10	10	Short-term on-the-job training

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SOC Code	Occupation	Stars	Employment Estimates		Annual Growth Rate	Annual Openings			Training Level
			2006	2016		Growth	Replacements	Total	
43-0000	Office and Administrative Support Occupations		14,800	17,760	2.0%	310	320	630	
43-1000	Supervisors, Office and Administrative Support Workers		690	790	1.5%	10	10	30	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	5	690	790	1.5%	10	10	30	Work experience in a related occupation
43-2000	Communications Equipment Operators		40	40	-0.2%	0	0	0	
43-3000	Financial Clerks		2,650	3,300	2.4%	70	60	120	
43-3011	Bill and Account Collectors	NR	90	120	3.2%	0	0	0	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2	180	210	1.3%	0	0	0	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4	1,650	2,080	2.6%	40	30	70	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	2	150	180	1.5%	0	0	10	Moderate-term on-the-job training
43-3061	Procurement Clerks	NR	50	60	1.6%	0	0	0	Moderate-term on-the-job training
43-3071	Tellers	3	530	660	2.5%	10	20	40	Short-term on-the-job training
43-4000	Information and Record Clerks		3,630	4,490	2.4%	100	100	200	
43-4031	Court, Municipal, and License Clerks	4	290	350	2.3%	10	10	10	Short-term on-the-job training
43-4051	Customer Service Representatives	3	810	1,130	4.0%	30	20	60	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	NR	50	60	1.4%	0	0	0	Moderate-term on-the-job training
43-4071	File Clerks	1	140	90	-3.5%	0	0	0	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	2	700	990	4.0%	30	30	60	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	1	150	130	-1.1%	0	0	0	Short-term on-the-job training
43-4121	Library Assistants, Clerical	NR	70	80	1.7%	0	0	0	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	2	120	130	0.9%	0	0	0	Short-term on-the-job training
43-4141	New Accounts Clerks	1	60	60	-0.8%	0	0	0	Work experience in a related occupation
43-4151	Order Clerks	NR	120	100	-1.8%	0	0	0	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	NR	60	70	1.9%	0	0	0	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	3	890	1,140	2.7%	20	20	50	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	NR	110	110	-0.5%	0	0	0	Short-term on-the-job training
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers		2,080	2,350	1.3%	30	50	80	
43-5031	Police, Fire, and Ambulance Dispatchers	NR	80	100	1.9%	0	0	0	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2	120	130	1.2%	0	0	0	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	NR	60	50	-0.7%	0	0	0	Short-term on-the-job training
43-5051	Postal Service Clerks	NR	80	110	3.6%	0	0	10	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	4	150	200	3.6%	10	0	10	Short-term on-the-job training
	Postal Service Mail Sorters, Processors, and Processing Machine Operators	NR	90	110	2.3%	0	0	0	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	3	120	140	2.3%	0	0	10	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	3	280	320	1.6%	0	10	10	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	2	990	1,070	0.9%	10	20	30	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	2	120	100	-1.1%	0	0	0	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants		3,090	3,630	1.7%	50	50	100	
43-6011	Executive Secretaries and Administrative Assistants	4	480	590	2.2%	10	10	20	Work experience in a related occupation
43-6012	Legal Secretaries	NR	90	120	2.6%	0	0	0	Associate degree
43-6014	Secretaries, Except Legal, Medical, and Executive	4	2,010	2,250	1.2%	20	30	60	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers		2,630	3,170	2.0%	50	50	100	
43-9021	Data Entry Keyers	1	250	260	0.4%	0	10	10	Moderate-term on-the-job training
43-9061	Office Clerks, General	3	2,190	2,720	2.4%	50	40	90	Short-term on-the-job training

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			2006	2016		Growth	Replacements	Total	
45-0000	Farming, Fishing, and Forestry Occupations		3,610	3,530	-0.2%	0	90	90	
45-2000	Agricultural Workers		3,340	3,270	-0.2%	0	80	80	
45-2011	Agricultural Inspectors	2	110	110	-0.4%	0	0	0	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	NR	60	60	-0.3%	0	0	0	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	2	250	250	0.2%	0	10	10	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	3	2,530	2,460	-0.3%	0	60	60	Short-term on-the-job training
45-3000	Fishing and Hunting Workers		90	90	-0.3%	0	0	0	
47-0000	Construction and Extraction Occupations		13,860	18,080	3.0%	420	240	670	
47-1000	Supervisors, Construction and Extraction Workers		1,470	1,890	2.8%	40	20	60	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5	1,470	1,890	2.8%	40	20	60	Work experience in a related occupation
47-2000	Construction Trades Workers		8,150	10,940	3.4%	280	130	410	
47-2031	Carpenters	5	2,370	3,210	3.6%	80	30	120	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	5	230	320	3.7%	10	10	20	Moderate-term on-the-job training
47-2061	Construction Laborers	3	1,660	2,230	3.5%	60	10	70	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	5	1,250	1,600	2.8%	40	20	60	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	4	230	320	3.9%	10	0	10	Moderate-term on-the-job training
47-2111	Electricians	5	540	750	3.7%	20	10	30	Long-term on-the-job training
47-2121	Glaziers	NR	60	80	3.2%	0	0	0	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	4	350	510	4.7%	20	10	20	Moderate-term on-the-job training
47-2151	Pipelayers	3	120	150	2.7%	0	0	10	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	5	440	570	3.0%	10	10	20	Long-term on-the-job training
47-2181	Roofers	3	110	150	3.4%	0	0	10	Moderate-term on-the-job training
47-3000	Helpers, Construction Trades		500	660	3.3%	20	10	30	
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	NR	70	90	3.8%	0	0	10	Short-term on-the-job training
47-3012	Helpers--Carpenters	3	170	230	3.2%	10	0	10	Short-term on-the-job training
47-3013	Helpers--Electricians	NR	80	110	3.8%	0	0	10	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	NR	60	80	3.1%	0	0	0	Short-term on-the-job training
47-4000	Other Construction and Related Workers		360	450	2.5%	10	10	20	
47-4011	Construction and Building Inspectors		80	110	2.9%	0	0	0	Work experience in a related occupation
47-4051	Highway Maintenance Workers	3	150	190	2.6%	0	0	10	Moderate-term on-the-job training
47-5000	Extraction Workers		3,380	4,140	2.2%	80	70	150	
47-5011	Derrick Operators, Oil and Gas	2	230	270	1.7%	0	0	10	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	5	880	1,040	1.8%	20	10	30	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	4	460	570	2.4%	10	10	20	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	4	250	310	2.3%	10	10	20	Moderate-term on-the-job training
47-5042	Mine Cutting and Channeling Machine Operators	2	100	130	2.8%	0	0	10	Moderate-term on-the-job training
47-5061	Roof Bolters, Mining	2	150	170	1.9%	0	0	10	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	5	570	730	2.7%	20	20	30	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	4	330	390	2.0%	10	10	20	Short-term on-the-job training

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			2006	2016		Growth	Replacements	Total	
49-0000	Installation, Maintenance, and Repair Occupations		5,630	7,160	2.7%	150	90	250	
49-1000	Supervisors of Installation, Maintenance, and Repair Workers		380	470	2.4%	10	10	20	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4	380	470	2.4%	10	10	20	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers		390	440	1.4%	10	10	20	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2	130	150	1.6%	0	0	10	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	2	130	130	0.2%	0	0	0	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers		2,000	2,680	3.4%	70	40	110	
49-3021	Automotive Body and Related Repairers	4	180	250	3.7%	10	0	10	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	2	790	1,080	3.8%	30	20	50	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	3	300	380	3.0%	10	10	20	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	4	260	320	2.5%	10	10	10	Long-term on-the-job training
49-3051	Motorboat Mechanics	NR	80	100	3.2%	0	0	0	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	NR	50	60	3.1%	0	0	0	Moderate-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations		2,870	3,570	2.4%	70	30	100	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4	140	190	3.7%	10	0	10	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	5	420	570	3.5%	20	10	20	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5	1,440	1,760	2.2%	30	0	40	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	3	160	190	2.0%	0	0	10	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	2	230	260	1.5%	0	10	10	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	2	110	120	1.3%	0	0	0	Long-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	3	210	290	3.6%	10	10	10	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	NR	60	90	3.4%	0	0	0	Moderate-term on-the-job training

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			2006	2016		Growth	Replacements	Total	
51-0000	Production Occupations		6,120	7,700	2.6%	160	130	290	
51-1000	Supervisors, Production Workers		430	530	2.1%	10	10	20	
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4	430	530	2.1%	10	10	20	Work experience in a related occupation
51-2000	Assemblers and Fabricators		370	500	3.5%	10	10	20	
51-2041	Structural Metal Fabricators and Fitters	NR	50	80	6.8%	0	0	0	Moderate-term on-the-job training
51-2092	Team Assemblers	3	120	150	3.0%	0	0	10	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	NR	80	100	2.3%	0	0	0	Moderate-term on-the-job training
51-3000	Food Processing Workers		670	850	2.8%	20	20	40	
51-3011	Bakers	3	140	180	2.7%	0	0	10	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	NR	90	110	2.4%	0	0	10	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	NR	50	70	2.6%	0	0	0	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	NR	50	50	1.6%	0	0	0	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers		1,090	1,430	3.1%	30	20	60	
51-4041	Machinists	4	310	380	2.2%	10	10	10	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	4	560	770	3.7%	20	10	30	Postsecondary vocational training
51-5000	Printing Workers		110	160	4.0%	10	0	10	
51-5023	Printing Machine Operators	NR	60	80	3.2%	0	0	0	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers		310	390	2.5%	10	10	10	
51-6011	Laundry and Dry-Cleaning Workers	1	170	220	2.5%	0	0	10	Moderate-term on-the-job training
51-7000	Woodworkers		670	900	3.5%	20	20	40	
51-7011	Cabinetmakers and Bench Carpenters	5	280	450	6.1%	20	10	30	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	3	310	340	1.3%	0	10	10	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	NR	50	60	3.6%	0	0	0	Moderate-term on-the-job training
51-8000	Plant and System Operators		720	850	1.8%	10	20	30	
51-8021	Stationary Engineers and Boiler Operators	2	220	230	0.6%	0	0	10	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	4	280	360	3.2%	10	10	10	Long-term on-the-job training
51-9000	Other Production Occupations		1,750	2,110	2.0%	40	40	70	
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	NR	50	50	0.4%	0	0	0	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	NR	70	80	1.6%	0	0	0	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	NR	130	150	1.5%	0	0	0	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2	110	130	1.9%	0	0	0	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	NR	80	90	0.6%	0	0	0	Short-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2	130	140	1.0%	0	0	0	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	2	480	590	2.3%	10	10	20	Short-term on-the-job training
51-9199	Production Workers, All Other	NR	190	230	2.2%	0	0	10	Moderate-term on-the-job training

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53-0000	Transportation and Material Moving Occupations		9,820	11,720	1.9%	190	210	400	
53-1000	Supervisors, Transportation and Material Moving Workers		150	200	2.8%	0	0	10	
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	NR	60	80	3.6%	0	0	0	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	2	100	120	2.4%	0	0	0	Work experience in a related occupation
53-3000	Motor Vehicle Operators		5,730	7,050	2.3%	130	100	230	
53-3031	Driver/Sales Workers	2	180	200	1.3%	0	0	10	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5	3,530	4,330	2.3%	80	60	140	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	4	1,200	1,470	2.3%	30	20	50	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	2	270	380	3.8%	10	0	20	Short-term on-the-job training
53-6000	Other Transportation Workers		280	340	1.9%	10	10	20	
53-6031	Service Station Attendants	1	130	150	1.4%	0	10	10	Short-term on-the-job training
53-7000	Material Moving Workers		3,420	3,890	1.4%	50	90	140	
53-7011	Conveyor Operators and Tenders	2	100	110	1.3%	0	0	0	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	3	130	170	3.6%	10	0	10	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	4	400	510	2.6%	10	10	20	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	3	350	370	0.6%	0	10	10	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	2	230	280	2.3%	10	10	10	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3	1,360	1,510	1.1%	20	40	60	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1	410	440	0.6%	0	10	10	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	NR	70	90	3.1%	0	0	10	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	3	140	160	1.9%	0	0	10	Short-term on-the-job training
53-7111	Shuttle Car Operators	NR	80	90	0.8%	0	0	0	Short-term on-the-job training

NR = Not Rated

Note: Detail will not add up to total due to rounding and the exclusion of small and confidential occupations.