

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
00-0000	Total, All Occupations	176,770	191,780	8.5%	1,640	4,132	5,772
11-0000	Management Occupations	7,210	7,560	4.9%	44	145	189
11-1000	Top Executives	2,470	2,650	7.3%	18	48	66
11-1021	General & Operations Managers	1,900	2,070	8.9%	16	36	52
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	460	450	-2.2%	0	10	10
11-2011	Advertising & Promotions Managers	10	10	0.0%	0	0	0
11-2021	Marketing Managers	120	120	0.0%	0	3	3
11-2022	Sales Managers	290	280	-3.4%	0	6	6
11-2031	Public Relations & Fundraising Managers	30	30	0.0%	0	1	1
11-3000	Operations Specialties Managers	1,200	1,260	5.0%	6	22	28
11-3011	Administrative Services Managers	200	230	15.0%	2	3	5
11-3021	Computer & Information Systems Managers	130	140	7.7%	1	2	3
11-3031	Financial Managers	340	340	0.0%	0	6	6
11-3051	Industrial Production Managers	300	300	0.0%	0	5	5
11-3061	Purchasing Managers	60	60	0.0%	0	1	1
11-3071	Transportation, Storage & Distribution Managers	70	80	14.3%	1	2	3
11-3111	Compensation & Benefits Managers	10	10	0.0%	0	0	0
11-3121	Human Resources Managers	60	70	16.7%	1	2	3
11-3131	Training & Development Managers	20	20	0.0%	0	0	0
11-9000	Other Management Occupations	3,080	3,200	3.9%	20	65	85
11-9021	Construction Managers	230	260	13.0%	3	4	7
11-9031	Education Admin., Preschool & Childcare Center/Program	70	80	14.3%	0	2	2
11-9032	Education Administrators, Elementary & Secondary School	290	300	3.4%	2	8	10
11-9041	Architectural & Engineering Managers	170	190	11.8%	1	4	5
11-9051	Food Service Managers	220	220	0.0%	0	4	4
11-9061	Funeral Service Managers	20	20	0.0%	0	0	0
11-9081	Lodging Managers	30	30	0.0%	0	1	1
11-9111	Medical & Health Services Managers	540	620	14.8%	8	13	21
11-9121	Natural Sciences Managers	10	10	0.0%	0	0	0
11-9131	Postmasters & Mail Superintendents	30	30	0.0%	0	1	1
11-9151	Social & Community Service Managers	110	120	9.1%	1	2	3
11-9199	Managers, Other	450	470	4.4%	2	10	12
13-0000	Business & Financial Operations Occupations	6,080	6,590	8.4%	54	132	186
13-1000	Business Operations Specialists	3,500	3,880	10.9%	41	65	106
13-1022	Wholesale & Retail Buyers	90	100	11.1%	1	2	3

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13-1023	Purchasing Agents	390	410	5.1%	3	7	10
13-1031	Claims Adjusters, Examiners & Investigators	270	280	3.7%	1	6	7
13-1041	Compliance Officers	120	140	16.7%	1	2	3
13-1051	Cost Estimators	350	420	20.0%	7	11	18
13-1071	Human Resources Specialists	470	510	8.5%	4	8	12
13-1075	Labor Relations Specialists	80	50	-37.5%	0	1	1
13-1081	Logisticians	80	100	25.0%	2	1	3
13-1111	Management Analysts	450	500	11.1%	5	7	12
13-1121	Meeting, Convention & Event Planners	80	100	25.0%	2	1	3
13-1131	Fundraisers	50	50	0.0%	0	1	1
13-1141	Compensation, Benefits & Job Analysis Specialists	80	80	0.0%	0	1	1
13-1151	Training & Development Specialists	150	170	13.3%	2	3	5
13-1161	Market Research Analysts & Marketing Specialists	500	620	24.0%	13	7	20
13-1199	Business Operations Specialists, Other	280	280	0.0%	0	4	4
13-2000	Financial Specialists	2,580	2,710	5.0%	13	67	80
13-2011	Accountants & Auditors	1,530	1,610	5.2%	8	45	53
13-2021	Appraisers & Assessors of Real Estate	50	50	0.0%	0	0	0
13-2031	Budget Analysts	30	30	0.0%	0	1	1
13-2051	Financial Analysts	190	200	5.3%	2	4	6
13-2052	Personal Financial Advisors	210	230	9.5%	3	3	6
13-2053	Insurance Underwriters	70	70	0.0%	0	2	2
13-2071	Credit Counselors	10	10	0.0%	0	0	0
13-2072	Loan Officers	190	180	-5.3%	0	3	3
13-2082	Tax Preparers	110	110	0.0%	0	2	2
13-2099	Financial Specialists, Other	70	70	0.0%	0	1	1
15-0000	Computer & Mathematical Occupations	2,280	2,510	10.1%	24	37	61
15-1121	Computer Systems Analysts	430	530	23.3%	10	7	17
15-1122	Information Security Analysts	10	10	0.0%	0	0	0
15-1131	Computer Programmers	170	180	5.9%	1	4	5
15-1132	Software Developers, Applications	260	270	3.8%	1	3	4
15-1133	Software Developers, Systems Software	110	120	9.1%	1	1	2
15-1134	Web Developers	90	90	0.0%	0	1	1
15-1141	Database Administrators	70	70	0.0%	0	1	1
15-1142	Network & Computer Systems Administrators	330	340	3.0%	1	5	6
15-1143	Computer Network Architects	110	110	0.0%	1	2	3

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15-1151	Computer User Support Specialists	490	570	16.3%	8	8	16
15-1152	Computer Network Support Specialists	130	120	-7.7%	0	2	2
15-2041	Statisticians	10	20	100.0%	0	0	0
17-0000	Architecture & Engineering Occupations	2,550	2,850	11.8%	34	61	95
17-1000	Architects, Surveyors & Cartographers	150	170	13.3%	2	3	5
17-1011	Architects	80	90	12.5%	1	2	3
17-1022	Surveyors	40	40	0.0%	0	1	1
17-2000	Engineers	1,700	1,960	15.3%	28	46	74
17-2051	Civil Engineers	330	410	24.2%	9	8	17
17-2071	Electrical Engineers	250	270	8.0%	2	5	7
17-2072	Electronics Engineers	90	70	-22.2%	0	2	2
17-2081	Environmental Engineers	60	60	0.0%	1	1	2
17-2111	Health & Safety Engineers	40	40	0.0%	1	1	2
17-2112	Industrial Engineers	490	580	18.4%	9	14	23
17-2131	Materials Engineers	20	30	50.0%	0	1	1
17-2141	Mechanical Engineers	290	310	6.9%	3	10	13
17-2199	Engineers, Other	20	30	50.0%	0	0	0
17-3000	Drafters, Engineering & Mapping Technicians	710	730	2.8%	3	12	15
17-3011	Architectural & Civil Drafters	120	110	-8.3%	0	2	2
17-3012	Electrical & Electronics Drafters	70	70	0.0%	0	1	1
17-3013	Mechanical Drafters	180	190	5.6%	1	2	3
17-3022	Civil Engineering Technicians	40	40	0.0%	0	1	1
17-3023	Electrical & Electronic Engineering Technicians	80	70	-12.5%	0	2	2
17-3026	Industrial Engineering Technicians	100	100	0.0%	1	2	3
17-3027	Mechanical Engineering Technicians	40	40	0.0%	0	1	1
17-3029	Engineering Technicians, Other	30	30	0.0%	0	1	1
17-3031	Surveying & Mapping Technicians	20	30	50.0%	0	0	0
19-0000	Life, Physical & Social Science Occupations	840	960	14.3%	12	22	34
19-1000	Life Scientists	60	70	16.7%	1	2	3
19-2000	Physical Scientists	120	140	16.7%	2	3	5
19-2031	Chemists	40	40	0.0%	0	1	1
19-2041	Environmental Scientists & Specialists	60	70	16.7%	1	2	3
19-2042	Geoscientists	30	30	0.0%	1	1	2
19-3000	Social Scientists & Related Workers	450	510	13.3%	6	11	17
19-3022	Survey Researchers	110	130	18.2%	2	2	4

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19-3031	Clinical, Counseling & School Psychologists	290	330	13.8%	4	8	12
19-3051	Urban & Regional Planners	20	20	0.0%	0	1	1
19-4000	Life, Physical & Social Science Technicians	210	230	9.5%	3	6	9
19-4011	Agricultural & Food Science Technicians	20	20	0.0%	0	1	1
19-4021	Biological Technicians	90	110	22.2%	2	3	5
19-4031	Chemical Technicians	70	70	0.0%	0	2	2
19-4091	Environmental Science & Protection Technicians	20	20	0.0%	0	1	1
21-0000	Community & Social Services Occupations	4,020	4,370	8.7%	36	93	129
21-1000	Counselors, Social Workers & Other Community & Social Service Specialists	3,070	3,400	10.7%	34	70	104
21-1011	Substance Abuse & Behavioral Disorder Counselors	180	210	16.7%	3	4	7
21-1012	Educational, Guidance, School & Vocational Counselors	330	350	6.1%	2	7	9
21-1014	Mental Health Counselors	330	410	24.2%	9	7	16
21-1015	Rehabilitation Counselors	310	340	9.7%	3	7	10
21-1021	Child, Family & School Social Workers	510	530	3.9%	2	11	13
21-1022	Healthcare Social Workers	190	220	15.8%	3	4	7
21-1023	Mental Health & Substance Abuse Social Workers	190	240	26.3%	4	4	8
21-1091	Health Educators	90	100	11.1%	1	2	3
21-1092	Probation Officers & Correctional Treatment Specialists	160	150	-6.2%	0	4	4
21-1093	Social & Human Service Assistants	620	660	6.5%	4	16	20
21-1094	Community Health Workers	20	20	0.0%	0	1	1
21-1099	Community & Social Service Specialists, Other	20	20	0.0%	0	0	0
21-2000	Religious Workers	940	960	2.1%	2	24	26
21-2011	Clergy	520	530	1.9%	2	11	13
23-0000	Legal Occupations	880	970	10.2%	9	14	23
23-1000	Lawyers, Judges & Related Workers	630	670	6.3%	5	10	15
23-1011	Lawyers	530	580	9.4%	5	8	13
23-2000	Legal Support Workers	260	300	15.4%	4	4	8
23-2011	Paralegals & Legal Assistants	150	180	20.0%	3	2	5
23-2093	Title Examiners, Abstractors & Searchers	60	60	0.0%	0	1	1
25-0000	Education, Training & Library Occupations	10,960	11,950	9.0%	99	238	337
25-1000	Postsecondary Teachers	1,630	1,880	15.3%	24	24	48
25-1011	Business Teachers, Postsecondary	130	160	23.1%	2	2	4
25-1021	Computer Science Teachers, Postsecondary	60	70	16.7%	1	1	2
25-1022	Mathematical Science Teachers, Postsecondary	90	100	11.1%	1	1	2
25-1042	Biological Science Teachers, Postsecondary	70	80	14.3%	1	1	2

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25-1052	Chemistry Teachers, Postsecondary	30	30	0.0%	0	0	0
25-1063	Economics Teachers, Postsecondary	20	20	0.0%	0	0	0
25-1065	Political Science Teachers, Postsecondary	20	30	50.0%	0	0	0
25-1066	Psychology Teachers, Postsecondary	80	90	12.5%	1	1	2
25-1067	Sociology Teachers, Postsecondary	30	30	0.0%	0	0	0
25-1071	Health Specialties Teachers, Postsecondary	80	90	12.5%	1	1	2
25-1072	Nursing Instructors & Teachers, Postsecondary	100	100	0.0%	1	1	2
25-1081	Education Teachers, Postsecondary	140	170	21.4%	2	2	4
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	40	50	25.0%	1	1	2
25-1121	Art, Drama & Music Teachers, Postsecondary	150	190	26.7%	3	2	5
25-1122	Communications Teachers, Postsecondary	40	50	25.0%	1	1	2
25-1123	English Language & Literature Teachers, Postsecondary	150	180	20.0%	2	2	4
25-1124	Foreign Language & Literature Teachers, Postsecondary	50	60	20.0%	1	1	2
25-1125	History Teachers, Postsecondary	30	40	33.3%	0	0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	30	30	0.0%	0	0	0
25-2000	Primary, Secondary & Special Education School Teachers	5,980	6,440	7.7%	47	142	189
25-2011	Preschool Teachers	370	410	10.8%	3	10	13
25-2012	Kindergarten Teachers	160	180	12.5%	2	5	7
25-2021	Elementary School Teachers	1,520	1,680	10.5%	17	33	50
25-2022	Middle School Teachers	1,060	1,180	11.3%	12	23	35
25-2031	Secondary School Teachers	1,950	2,040	4.6%	8	53	61
25-2032	Career/Technical Education Teachers, Secondary School	210	220	4.8%	2	6	8
25-2052	Special Education Teachers, Kindergarten & Elementary School	320	340	6.2%	2	6	8
25-2053	Special Education Teachers, Middle School	130	140	7.7%	0	2	2
25-2054	Special Education Teachers, Secondary School	220	230	4.5%	1	4	5
25-3000	Other Teachers & Instructors	1,350	1,500	11.1%	14	23	37
25-3011	Adult Basic & Secondary Education & Literacy Teachers	120	120	0.0%	1	2	3
25-3021	Self-Enrichment Education Teachers	370	390	5.4%	2	6	8
25-4000	Librarians, Curators & Archivists	300	340	13.3%	4	10	14
25-4012	Curators	10	10	0.0%	0	0	0
25-4021	Librarians	170	180	5.9%	1	4	5
25-4031	Library Technicians	110	130	18.2%	2	6	8
25-9000	Other Education, Training & Library Occupations	1,700	1,800	5.9%	10	37	47
25-9031	Instructional Coordinators	70	80	14.3%	1	1	2
25-9041	Teacher Assistants	1,620	1,710	5.6%	9	37	46

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27-0000	Arts, Design, Entertainment, Sports & Media Occupations	2,130	2,260	6.1%	18	50	68
27-1000	Art & Design Workers	580	610	5.2%	4	15	19
27-1011	Art Directors	20	20	0.0%	0	1	1
27-1021	Commercial & Industrial Designers	60	70	16.7%	1	2	3
27-1023	Floral Designers	60	50	-16.7%	0	2	2
27-1024	Graphic Designers	310	330	6.5%	2	8	10
27-1025	Interior Designers	30	40	33.3%	1	1	2
27-1026	Merchandise Displayers & Window Trimmers	70	80	14.3%	1	2	3
27-2000	Entertainers & Performers, Sports & Related Workers	750	820	9.3%	7	21	28
27-2012	Producers & Directors	10	10	0.0%	0	0	0
27-2022	Coaches & Scouts	390	440	12.8%	5	12	17
27-2041	Music Directors & Composers	110	110	0.0%	0	3	3
27-3000	Media & Communication Workers	600	620	3.3%	5	11	16
27-3012	Public Address System & Other Announcers	20	20	0.0%	1	0	1
27-3031	Public Relations Specialists	240	260	8.3%	2	3	5
27-3041	Editors	50	50	0.0%	0	1	1
27-3042	Technical Writers	20	20	0.0%	0	1	1
27-3043	Writers & Authors	120	120	0.0%	0	3	3
27-3091	Interpreters & Translators	70	90	28.6%	2	1	3
27-4000	Media & Communication Equipment Workers	210	220	4.8%	2	2	4
27-4011	Audio & Video Equipment Technicians	20	20	0.0%	0	0	0
27-4021	Photographers	140	150	7.1%	0	2	2
29-0000	Healthcare Practitioners & Technical Occupations	10,570	12,720	20.3%	215	218	433
29-1000	Health Diagnosing & Treating Practitioners	6,700	8,050	20.1%	136	136	272
29-1021	Dentists, General	180	200	11.1%	2	4	6
29-1031	Dietitians & Nutritionists	250	270	8.0%	2	3	5
29-1041	Optometrists	40	50	25.0%	1	1	2
29-1051	Pharmacists	230	250	8.7%	2	5	7
29-1062	Family & General Practitioners	130	130	0.0%	0	3	3
29-1066	Psychiatrists	30	30	0.0%	0	1	1
29-1069	Physicians & Surgeons, Other	550	620	12.7%	8	14	22
29-1071	Physician Assistants	130	150	15.4%	2	2	4
29-1081	Podiatrists	20	20	0.0%	1	0	1
29-1122	Occupational Therapists	150	180	20.0%	3	2	5
29-1123	Physical Therapists	330	430	30.3%	10	8	18

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29-1125	Recreational Therapists	50	60	20.0%	0	1	1
29-1127	Speech-Language Pathologists	170	210	23.5%	4	3	7
29-1131	Veterinarians	100	110	10.0%	1	3	4
29-1141	Registered Nurses	3,740	4,620	23.5%	88	72	160
29-1161	Nurse Midwives	30	40	33.3%	0	1	1
29-1171	Nurse Practitioners	160	200	25.0%	4	3	7
29-2000	Health Technologists & Technicians	3,780	4,560	20.6%	78	79	157
29-2011	Medical & Clinical Laboratory Technologists	240	260	8.3%	2	6	8
29-2012	Medical & Clinical Laboratory Technicians	130	150	15.4%	1	4	5
29-2021	Dental Hygienists	260	320	23.1%	6	7	13
29-2031	Cardiovascular Technologists & Technicians	110	150	36.4%	4	2	6
29-2032	Diagnostic Medical Sonographers	20	30	50.0%	1	0	1
29-2033	Nuclear Medicine Technologists	30	30	0.0%	0	0	0
29-2034	Radiologic Technologists	270	310	14.8%	4	4	8
29-2041	Emergency Medical Technicians & Paramedics	360	450	25.0%	9	10	19
29-2052	Pharmacy Technicians	400	440	10.0%	4	4	8
29-2055	Surgical Technologists	110	140	27.3%	3	1	4
29-2056	Veterinary Technologists & Technicians	110	130	18.2%	2	1	3
29-2057	Ophthalmic Medical Technicians	40	40	0.0%	1	0	1
29-2061	Licensed Practical & Licensed Vocational Nurses	1,280	1,590	24.2%	31	31	62
29-2071	Medical Records & Health Information Technicians	210	270	28.6%	6	6	12
29-2081	Opticians, Dispensing	80	90	12.5%	1	2	3
29-2099	Health Technologists & Technicians, Other	30	30	0.0%	0	0	0
29-9000	Other Healthcare Practitioners & Technical Occupations	90	100	11.1%	1	3	4
29-9011	Occupational Health & Safety Specialists	30	30	0.0%	0	1	1
31-0000	Healthcare Support Occupations	5,760	6,840	18.8%	110	111	221
31-1000	Nursing, Psychiatric & Home Health Aides	3,880	4,630	19.3%	75	74	149
31-1011	Home Health Aides	1,620	2,140	32.1%	52	31	83
31-1014	Nursing Assistants	2,060	2,260	9.7%	21	39	60
31-2000	Occupational & Physical Therapist Assistants & Aides	300	400	33.3%	11	7	18
31-2011	Occupational Therapy Assistants	80	110	37.5%	3	2	5
31-2021	Physical Therapist Assistants	170	230	35.3%	6	4	10
31-9000	Other Healthcare Support Occupations	1,580	1,820	15.2%	24	30	54
31-9011	Massage Therapists	110	130	18.2%	2	1	3
31-9091	Dental Assistants	330	370	12.1%	5	7	12

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31-9092	Medical Assistants	600	700	16.7%	11	11	22
31-9094	Medical Transcriptionists	120	110	-8.3%	0	2	2
31-9095	Pharmacy Aides	60	60	0.0%	0	1	1
31-9097	Phlebotomists	260	310	19.2%	5	5	10
33-0000	Protective Service Occupations	2,310	2,460	6.5%	15	58	73
33-1000	Supervisors - Protective Service Workers	100	100	0.0%	0	3	3
33-1012	Supervisors - Police & Detectives	70	70	0.0%	0	2	2
33-1099	Supervisors - Protective Service Workers, Other	20	20	0.0%	0	0	0
33-2000	Fire Fighting & Prevention Workers	50	50	0.0%	0	1	1
33-3000	Law Enforcement Workers	900	910	1.1%	1	26	27
33-3021	Detectives & Criminal Investigators	90	100	11.1%	0	2	2
33-3041	Parking Enforcement Workers	20	10	-50.0%	0	0	0
33-3051	Police & Sheriff's Patrol Officers	560	570	1.8%	1	18	19
33-9000	Other Protective Service Workers	1,260	1,400	11.1%	14	27	41
33-9032	Security Guards	1,030	1,160	12.6%	13	16	29
33-9091	Crossing Guards	60	60	0.0%	0	1	1
33-9093	Transportation Security Screeners	10	10	0.0%	0	0	0
33-9099	Protective Service Workers, Other	60	60	0.0%	0	4	4
35-0000	Food Preparation & Serving Related Occupations	13,510	14,500	7.3%	100	502	602
35-1000	Supervisors, Food Preparation & Serving Workers	970	1,080	11.3%	10	26	36
35-1011	Chefs & Head Cooks	140	150	7.1%	1	2	3
35-1012	Supervisors - Food Preparation & Serving Workers	840	930	10.7%	9	24	33
35-2000	Cooks & Food Preparation Workers	3,230	3,420	5.9%	20	72	92
35-2011	Cooks, Fast Food	400	390	-2.5%	0	8	8
35-2012	Cooks, Institution & Cafeteria	570	610	7.0%	4	11	15
35-2014	Cooks, Restaurant	1,120	1,250	11.6%	13	22	35
35-2019	Cooks, Other	10	10	0.0%	0	0	0
35-2021	Food Preparation Workers	920	950	3.3%	3	26	29
35-3000	Food & Beverage Serving Workers	7,980	8,630	8.1%	66	334	400
35-3011	Bartenders	1,100	1,190	8.2%	10	41	51
35-3021	Combined Food Preparation & Serving Workers	3,570	3,960	10.9%	39	136	175
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	340	340	0.0%	0	21	21
35-3031	Waiters & Waitresses	2,610	2,700	3.4%	9	126	135
35-3041	Food Servers, Nonrestaurant	360	450	25.0%	9	10	19
35-9000	Other Food Preparation & Serving Related Workers	1,330	1,370	3.0%	4	70	74

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
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35-9021	Dishwashers	650	660	1.5%	1	29	30
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	380	400	5.3%	1	29	30
37-0000	Building & Grounds Cleaning & Maintenance Occupations	6,120	6,540	6.9%	42	126	168
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	400	430	7.5%	3	7	10
37-1011	Supervisors - Housekeeping & Janitorial Workers	210	230	9.5%	2	5	7
37-1012	Supervisors - Landscaping & Groundskeeping Workers	190	200	5.3%	2	2	4
37-2000	Building Cleaning & Pest Control Workers	4,280	4,590	7.2%	30	82	112
37-2011	Janitors & Cleaners	2,880	3,060	6.2%	19	54	73
37-3000	Grounds Maintenance Workers	1,440	1,530	6.2%	8	36	44
37-3011	Landscaping & Groundskeeping Workers	1,360	1,440	5.9%	8	34	42
39-0000	Personal Care & Service Occupations	6,080	7,010	15.3%	93	124	217
39-1000	Supervisors, Personal Care & Service Workers	170	180	5.9%	2	3	5
39-1021	Supervisors - Personal Service Workers	170	180	5.9%	2	3	5
39-2000	Animal Care & Service Workers	170	210	23.5%	4	3	7
39-4000	Funeral Service Workers	140	150	7.1%	1	3	4
39-5000	Personal Appearance Workers	1,400	1,610	15.0%	21	30	51
39-5012	Hairdressers, Hairstylists & Cosmetologists	1,210	1,380	14.0%	17	28	45
39-5092	Manicurists & Pedicurists	130	150	15.4%	2	1	3
39-7000	Tour & Travel Guides	80	90	12.5%	1	4	5
39-9000	Other Personal Care & Service Workers	3,850	4,460	15.8%	62	69	131
39-9011	Childcare Workers	1,530	1,650	7.8%	12	45	57
39-9021	Personal Care Aides	1,600	1,990	24.4%	40	11	51
39-9031	Fitness Trainers & Aerobics Instructors	300	340	13.3%	4	4	8
39-9032	Recreation Workers	280	330	17.9%	4	3	7
41-0000	Sales & Related Occupations	18,360	19,150	4.3%	83	576	659
41-1000	Supervisors - Sales Workers	2,210	2,220	0.5%	1	45	46
41-1011	Supervisors - Retail Sales Workers	1,890	1,900	0.5%	1	41	42
41-1012	Supervisors - Non-Retail Sales Workers	320	320	0.0%	0	4	4
41-2000	Retail Sales Workers	11,680	12,130	3.9%	45	443	488
41-2011	Cashiers	5,670	5,840	3.0%	17	245	262
41-2021	Counter & Rental Clerks	550	620	12.7%	7	14	21
41-2022	Parts Salespersons	280	300	7.1%	2	7	9
41-2031	Retail Salespersons	5,180	5,360	3.5%	18	177	195
41-3000	Sales Representatives, Services	1,260	1,360	7.9%	13	31	44
41-3011	Advertising Sales Agents	250	250	0.0%	0	8	8

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

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41-3021	Insurance Sales Agents	340	400	17.6%	7	8	15
41-3031	Securities, Commodities & Financial Services Sales Agents	180	190	5.6%	1	4	5
41-3041	Travel Agents	160	130	-18.8%	0	2	2
41-3099	Sales Representatives, Other Services	340	390	14.7%	5	9	14
41-4000	Sales Representatives, Wholesale & Manufacturing	2,330	2,520	8.2%	19	45	64
41-4011	Sales Representatives, Technical & Scientific Products	240	260	8.3%	2	5	7
41-4012	Sales Representatives	2,090	2,260	8.1%	17	41	58
41-9000	Other Sales & Related Workers	880	930	5.7%	6	11	17
41-9011	Demonstrators & Product Promoters	50	50	0.0%	0	1	1
41-9021	Real Estate Brokers	50	50	0.0%	1	0	1
41-9022	Real Estate Sales Agents	400	440	10.0%	4	4	8
41-9031	Sales Engineers	50	40	-20.0%	0	1	1
41-9099	Sales & Related Workers, Other	100	110	10.0%	0	2	2
43-0000	Office & Administrative Support Occupations	27,060	28,230	4.3%	163	590	753
43-1000	Supervisors - Office & Administrative Support Workers	1,540	1,650	7.1%	11	36	47
43-1011	Supervisors - Office & Administrative Support Workers	1,540	1,650	7.1%	11	36	47
43-2000	Communications Equipment Operators	140	120	-14.3%	0	3	3
43-3000	Financial Clerks	4,600	4,940	7.4%	40	90	130
43-3011	Bill & Account Collectors	370	440	18.9%	7	10	17
43-3021	Billing & Posting Clerks	740	820	10.8%	8	14	22
43-3031	Bookkeeping, Accounting & Auditing Clerks	2,370	2,590	9.3%	22	22	44
43-3051	Payroll & Timekeeping Clerks	280	300	7.1%	2	6	8
43-3061	Procurement Clerks	70	70	0.0%	0	2	2
43-3071	Tellers	750	690	-8.0%	0	35	35
43-4000	Information & Record Clerks	5,830	6,250	7.2%	45	157	202
43-4031	Court, Municipal & License Clerks	40	50	25.0%	0	1	1
43-4041	Credit Authorizers, Checkers & Clerks	40	30	-25.0%	0	0	0
43-4051	Customer Service Representatives	2,720	2,940	8.1%	22	74	96
43-4061	Eligibility Interviewers, Government Programs	180	190	5.6%	0	4	4
43-4071	File Clerks	120	110	-8.3%	0	3	3
43-4081	Hotel, Motel & Resort Desk Clerks	230	250	8.7%	3	11	14
43-4121	Library Assistants, Clerical	140	160	14.3%	2	6	8
43-4131	Loan Interviewers & Clerks	70	70	0.0%	0	0	0
43-4141	New Accounts Clerks	40	30	-25.0%	0	1	1
43-4151	Order Clerks	280	300	7.1%	1	7	8

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

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43-4161	Human Resources Assistants	250	240	-4.0%	0	6	6
43-4171	Receptionists & Information Clerks	1,320	1,430	8.3%	11	36	47
43-4199	Information & Record Clerks, Other	40	40	0.0%	0	1	1
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	5,110	5,030	-1.6%	10	141	151
43-5021	Couriers & Messengers	150	150	0.0%	0	2	2
43-5031	Police, Fire & Ambulance Dispatchers	100	100	0.0%	0	3	3
43-5032	Dispatchers	260	290	11.5%	3	8	11
43-5051	Postal Service Clerks	100	80	-20.0%	0	2	2
43-5052	Postal Service Mail Carriers	400	330	-17.5%	0	14	14
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	140	110	-21.4%	0	1	1
43-5061	Production, Planning & Expediting Clerks	560	600	7.1%	4	14	18
43-5071	Shipping, Receiving & Traffic Clerks	760	770	1.3%	2	20	22
43-5081	Stock Clerks & Order Fillers	2,410	2,360	-2.1%	0	73	73
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	70	80	14.3%	0	2	2
43-6000	Secretaries & Administrative Assistants	4,600	5,010	8.9%	44	55	99
43-6011	Executive Secretaries & Executive Administrative Assistants	570	550	-3.5%	0	7	7
43-6012	Legal Secretaries	250	250	0.0%	0	3	3
43-6013	Medical Secretaries	690	860	24.6%	17	8	25
43-6014	Secretaries	3,090	3,360	8.7%	27	37	64
43-9000	Other Office & Administrative Support Workers	5,240	5,240	0.0%	13	108	121
43-9011	Computer Operators	20	20	0.0%	0	0	0
43-9021	Data Entry Keyers	340	270	-20.6%	0	4	4
43-9022	Word Processors & Typists	150	100	-33.3%	0	0	0
43-9041	Insurance Claims & Policy Processing Clerks	410	420	2.4%	2	11	13
43-9051	Mail Clerks & Mail Machine Operators	200	190	-5.0%	0	5	5
43-9061	Office Clerks, General	3,980	4,090	2.8%	11	84	95
43-9071	Office Machine Operators	40	40	0.0%	0	1	1
43-9199	Office & Administrative Support Workers, Other	40	40	0.0%	0	1	1
45-0000	Farming, Fishing & Forestry Occupations	1,760	1,740	-1.1%	1	52	53
45-2000	Agricultural Workers	1,680	1,660	-1.2%	1	50	51
45-2091	Agricultural Equipment Operators	100	110	10.0%	0	3	3
45-2099	Agricultural Workers, Other	20	20	0.0%	0	1	1
47-0000	Construction & Extraction Occupations	6,840	8,050	17.7%	122	112	234
47-1000	Supervisors - Construction & Extraction Workers	440	520	18.2%	9	5	14
47-1011	Supervisors - Construction Trades & Extraction Workers	440	520	18.2%	9	5	14

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

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47-2000	Construction Trades Workers	5,620	6,650	18.3%	104	94	198
47-2021	Brickmasons & Blockmasons	110	130	18.2%	2	1	3
47-2022	Stonemasons	10	20	100.0%	0	0	0
47-2031	Carpenters	1,460	1,740	19.2%	28	18	46
47-2051	Cement Masons & Concrete Finishers	160	190	18.8%	3	2	5
47-2061	Construction Laborers	860	1,060	23.3%	20	18	38
47-2071	Paving, Surfacing & Tamping Equipment Operators	130	160	23.1%	2	2	4
47-2073	Operating Engineers & Other Construction Equipment Operators	510	580	13.7%	7	11	18
47-2081	Drywall & Ceiling Tile Installers	40	50	25.0%	1	0	1
47-2111	Electricians	830	970	16.9%	15	16	31
47-2131	Insulation Workers, Floor, Ceiling & Wall	60	70	16.7%	1	1	2
47-2141	Painters, Construction & Maintenance	140	180	28.6%	4	2	6
47-2152	Plumbers, Pipefitters & Steamfitters	660	800	21.2%	14	8	22
47-2181	Roofers	150	140	-6.7%	0	3	3
47-2211	Sheet Metal Workers	180	200	11.1%	2	3	5
47-3000	Helpers, Construction Trades	140	170	21.4%	3	2	5
47-3011	Helpers--Brick, Block, Stonemasons, Tile & Marble Setters	40	50	25.0%	1	1	2
47-3012	Helpers--Carpenters	30	30	0.0%	0	0	0
47-3013	Helpers--Electricians	20	20	0.0%	0	0	0
47-4000	Other Construction & Related Workers	580	630	8.6%	5	11	16
47-4011	Construction & Building Inspectors	130	150	15.4%	2	3	5
47-4051	Highway Maintenance Workers	320	320	0.0%	0	5	5
47-4061	Rail-Track Laying & Maintenance Equipment Operators	10	10	0.0%	0	0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	40	40	0.0%	1	1	2
47-5000	Extraction Workers	70	80	14.3%	2	2	4
49-0000	Installation, Maintenance & Repair Occupations	7,670	8,510	11.0%	88	178	266
49-1000	Supervisors - Installation, Maintenance & Repair Workers	510	560	9.8%	5	14	19
49-1011	Supervisors - Mechanics, Installers & Repairers	510	560	9.8%	5	14	19
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	680	710	4.4%	5	14	19
49-2011	Computer, Automated Teller & Office Machine Repairers	140	140	0.0%	0	3	3
49-2022	Telecommunications Equipment Installers & Repairers	110	100	-9.1%	0	2	2
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	220	260	18.2%	4	4	8
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	30	30	0.0%	0	0	0
49-2098	Security & Fire Alarm Systems Installers	100	110	10.0%	1	2	3
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	2,290	2,510	9.6%	23	56	79

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

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49-3011	Aircraft Mechanics & Service Technicians	40	40	0.0%	0	1	1
49-3021	Automotive Body & Related Repairers	350	390	11.4%	4	7	11
49-3023	Automotive Service Technicians & Mechanics	1,050	1,170	11.4%	12	27	39
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	420	460	9.5%	4	9	13
49-3041	Farm Equipment Mechanics & Service Technicians	80	90	12.5%	1	2	3
49-3042	Mobile Heavy Equipment Mechanics	90	100	11.1%	1	2	3
49-3043	Rail Car Repairers	10	10	0.0%	0	0	0
49-3052	Motorcycle Mechanics	30	40	33.3%	0	1	1
49-3093	Tire Repairers & Changers	120	120	0.0%	0	4	4
49-9000	Other Installation, Maintenance & Repair Occupations	4,190	4,730	12.9%	55	95	150
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	280	320	14.3%	4	7	11
49-9031	Home Appliance Repairers	100	110	10.0%	0	3	3
49-9041	Industrial Machinery Mechanics	800	1,030	28.8%	23	23	46
49-9043	Maintenance Workers, Machinery	180	210	16.7%	3	2	5
49-9044	Millwrights	40	40	0.0%	0	1	1
49-9051	Electrical Power-Line Installers & Repairers	50	60	20.0%	0	2	2
49-9062	Medical Equipment Repairers	70	90	28.6%	2	2	4
49-9071	Maintenance & Repair Workers, General	2,150	2,300	7.0%	15	41	56
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	70	60	-14.3%	0	1	1
49-9098	Helpers--Installation, Maintenance & Repair Workers	200	220	10.0%	2	6	8
51-0000	Production Occupations	19,930	20,550	3.1%	112	375	487
51-1000	Supervisors - Production Workers	1,400	1,450	3.6%	5	20	25
51-1011	Supervisors - Production & Operating Workers	1,400	1,450	3.6%	5	20	25
51-2000	Assemblers & Fabricators	4,320	4,590	6.2%	32	73	105
51-2011	Aircraft Structure, Surfaces, Rigging & Systems Assemblers	10	10	0.0%	0	0	0
51-2021	Coil Winders, Tapers & Finishers	150	160	6.7%	1	2	3
51-2022	Electrical & Electronic Equipment Assemblers	220	180	-18.2%	0	3	3
51-2023	Electromechanical Equipment Assemblers	330	320	-3.0%	0	4	4
51-2031	Engine & Other Machine Assemblers	20	20	0.0%	0	0	0
51-2041	Structural Metal Fabricators & Fitters	300	340	13.3%	4	12	16
51-2092	Team Assemblers	3,210	3,480	8.4%	27	51	78
51-2099	Assemblers & Fabricators, Other	80	90	12.5%	0	1	1
51-3000	Food Processing Workers	830	900	8.4%	7	23	30
51-3011	Bakers	250	270	8.0%	2	6	8
51-3021	Butchers & Meat Cutters	120	130	8.3%	2	3	5

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

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51-3092	Food Batchmakers	280	290	3.6%	1	9	10
51-4000	Metal Workers & Plastic Workers	6,240	6,420	2.9%	32	116	148
51-4011	Computer-Controlled Machine Tool Operators	460	570	23.9%	11	13	24
51-4021	Extruding & Drawing Machine Operators	310	300	-3.2%	0	6	6
51-4031	Cutting, Punching & Press Machine Operators	510	500	-2.0%	0	4	4
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	390	380	-2.6%	0	9	9
51-4034	Lathe & Turning Machine Tool Operators	60	50	-16.7%	0	1	1
51-4035	Milling & Planing Machine Operators	50	40	-20.0%	0	1	1
51-4041	Machinists	1,000	1,120	12.0%	12	23	35
51-4051	Metal-Refining Furnace Operators	250	240	-4.0%	0	3	3
51-4052	Pourers & Casters, Metal	140	130	-7.1%	0	2	2
51-4072	Molding, Coremaking & Casting Machine Operators	790	770	-2.5%	0	10	10
51-4081	Multiple Machine Tool Operators	330	340	3.0%	0	6	6
51-4111	Tool & Die Makers	170	200	17.6%	2	1	3
51-4121	Welders, Cutters, Solderers & Brazers	680	710	4.4%	3	17	20
51-4122	Welding, Soldering & Brazing Machine Operators	40	60	50.0%	2	1	3
51-4193	Plating & Coating Machine Operators	170	170	0.0%	0	3	3
51-5111	Prepress Technician & Workers	60	40	-33.3%	0	2	2
51-5112	Printing Press Operators	270	230	-14.8%	0	5	5
51-5113	Print Binding & Finishing Workers	60	40	-33.3%	0	1	1
51-6000	Textile, Apparel & Furnishings Workers	1,010	860	-14.9%	1	14	15
51-6011	Laundry & Dry-Cleaning Workers	200	200	0.0%	0	6	6
51-6021	Pressers: Textile, Garment & Related Materials	90	90	0.0%	0	1	1
51-6031	Sewing Machine Operators	370	280	-24.3%	0	2	2
51-6062	Textile Cutting Machine Operators	30	20	-33.3%	0	0	0
51-6063	Textile Knitting & Weaving Machine Operators	110	80	-27.3%	0	2	2
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	30	30	0.0%	0	0	0
51-6092	Fabric & Apparel Patternmakers	20	10	-50.0%	0	0	0
51-6093	Upholsterers	40	40	0.0%	0	1	1
51-7000	Woodworkers	740	790	6.8%	5	8	13
51-7011	Cabinetmakers & Bench Carpenters	430	460	7.0%	3	3	6
51-7021	Furniture Finishers	80	90	12.5%	1	1	2
51-7041	Sawing Machine Operators, Wood	70	70	0.0%	0	2	2
51-7042	Woodworking Machine Operators	150	170	13.3%	2	1	3
51-8013	Power Plant Operators	40	30	-25.0%	0	1	1

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

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51-8031	Water & Wastewater Treatment Plant & System Operators	110	120	9.1%	1	4	5
51-9000	Other Production Occupations	4,610	4,830	4.8%	27	102	129
51-9011	Chemical Equipment Operators	120	120	0.0%	0	4	4
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	40	40	0.0%	0	1	1
51-9022	Grinding & Polishing Workers, Hand	50	50	0.0%	0	1	1
51-9023	Mixing & Blending Machine Operators	200	200	0.0%	0	6	6
51-9031	Cutters & Trimmers, Hand	10	10	0.0%	0	0	0
51-9032	Cutting & Slicing Machine Operators	170	160	-5.9%	0	3	3
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	30	30	0.0%	0	1	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	860	940	9.3%	8	19	27
51-9071	Jewelers & Precious Stone & Metal Workers	60	50	-16.7%	0	1	1
51-9081	Dental Laboratory Technicians	60	70	16.7%	0	2	2
51-9111	Packaging & Filling Machine Operators	600	590	-1.7%	0	14	14
51-9121	Coating, Painting & Spraying Machine Operators	150	160	6.7%	1	3	4
51-9122	Painters, Transportation Equipment	100	110	10.0%	1	2	3
51-9151	Photographic Process Workers & Processing Machine Operators	110	100	-9.1%	0	3	3
51-9191	Adhesive Bonding Machine Operators	40	40	0.0%	0	1	1
51-9196	Paper Goods Machine Operators	110	110	0.0%	0	1	1
51-9198	Helpers--Production Workers	1,260	1,350	7.1%	9	22	31
51-9199	Production Workers, Other	270	320	18.5%	5	7	12
53-0000	Transportation & Material Moving Occupations	13,870	15,470	11.5%	164	317	481
53-1000	Supervisors - Transportation & Material Moving Workers	440	510	15.9%	7	12	19
53-1031	Supervisors - Transportation & Vehicle Operators	230	260	13.0%	3	6	9
53-2000	Air Transportation Workers	30	30	0.0%	0	1	1
53-2012	Commercial Pilots	30	30	0.0%	0	1	1
53-3000	Motor Vehicle Operators	5,950	6,660	11.9%	70	96	166
53-3011	Ambulance Drivers & Attendants	10	10	0.0%	0	0	0
53-3021	Bus Drivers, Transit & Intercity	190	200	5.3%	1	4	5
53-3022	Bus Drivers, School or Special Client	950	990	4.2%	4	17	21
53-3031	Driver/Sales Workers	320	350	9.4%	3	5	8
53-3032	Heavy & Tractor-Trailer Truck Drivers	2,830	3,310	17.0%	47	45	92
53-3033	Light Truck or Delivery Services Drivers	1,250	1,350	8.0%	9	20	29
53-3041	Taxi Drivers & Chauffeurs	390	450	15.4%	6	5	11
53-4000	Rail Transportation Workers	110	100	-9.1%	0	3	3
53-4011	Locomotive Engineers	40	40	0.0%	0	1	1

**Reading MSA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	10	10	0.0%	0	0	0
53-4021	Railroad Brake, Signal & Switch Operators	20	20	0.0%	0	1	1
53-4031	Railroad Conductors & Yardmasters	40	40	0.0%	0	1	1
53-6000	Other Transportation Workers	300	340	13.3%	4	9	13
53-6021	Parking Lot Attendants	60	70	16.7%	0	3	3
53-6031	Automotive & Watercraft Service Attendants	120	150	25.0%	3	4	7
53-7000	Material Moving Workers	7,040	7,840	11.4%	84	195	279
53-7011	Conveyor Operators	20	20	0.0%	0	1	1
53-7021	Crane & Tower Operators	110	130	18.2%	2	4	6
53-7041	Hoist & Winch Operators	10	10	0.0%	0	0	0
53-7051	Industrial Truck & Tractor Operators	1,100	1,100	0.0%	0	25	25
53-7061	Cleaners of Vehicles & Equipment	490	550	12.2%	6	14	20
53-7062	Laborers & Freight, Stock & Material Movers	3,140	3,550	13.1%	41	97	138
53-7064	Packers & Packagers, Hand	1,780	2,070	16.3%	29	47	76
53-7081	Refuse & Recyclable Material Collectors	240	290	20.8%	6	5	11

FOOTNOTES:

Data may not add to totals due to rounding. Confidential data and occupations with employment less than 10 are not shown but are included in all sub-total and total employment values.

1/ Labor force growth openings, except for cases of negative growth where growth openings are expressed as zero.

2/ Labor force net replacements due to death, retirement, disability, or withdrawal for personal reasons.

3/ Total openings equal replacements plus annual growth.