

Altoona MSA
Occupational Employment
2020-2030 Long-Term Projections

SOC Code	Occupational Title	Educ. Level	Employment Outlook			Annual Demand			
			Estimated 2020	Projected 2030	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
00-0000	Total, All Occupations	N/A	59,670	62,940	5.5%	327	2,732	4,076	7,135
11-0000	Management Occupations	N/A	2,620	2,820	7.6%	19	70	148	237
11-1000	Top Executives	N/A	910	940	3.3%	3	19	56	78
11-1021	General & Operations Managers	BD+	830	860	3.6%	4	17	52	73
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	N/A	190	200	5.3%	1	4	13	18
11-2021	Marketing Managers	BD+	120	120	0.0%	1	2	8	11
11-2022	Sales Managers	BD+	70	70	0.0%	0	1	4	5
11-3000	Operations Specialties Managers	N/A	530	570	7.5%	4	12	29	45
11-3010	Administrative Services & Facilities Managers	BD+	80	80	0.0%	0	2	4	6
11-3021	Computer & Information Systems Managers	BD+	70	80	14.3%	0	1	4	5
11-3031	Financial Managers	BD+	140	160	14.3%	2	3	7	12
11-3051	Industrial Production Managers	BD+	70	80	14.3%	0	2	4	6
11-3071	Transportation, Storage & Distribution Managers	WK EXP	90	90	0.0%	0	2	5	7
11-3121	Human Resources Managers	BD+	50	50	0.0%	0	1	3	4
11-9000	Other Management Occupations	N/A	990	1,100	11.1%	11	35	51	97
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	200	210	5.0%	0	13	7	20
11-9021	Construction Managers	BD+	70	80	14.3%	1	2	4	7
11-9032	Education Administrators, Elementary & Secondary School	MD+	90	90	0.0%	1	2	4	7
11-9041	Architectural & Engineering Managers	BD+	40	40	0.0%	0	1	2	3
11-9051	Food Service Managers	WK EXP	70	80	14.3%	1	2	6	9
11-9081	Lodging Managers	WK EXP	20	20	0.0%	0	1	1	2
11-9111	Medical & Health Services Managers	BD+	180	250	38.9%	7	5	11	23
11-9131	Postmasters & Mail Superintendents	WK EXP	10	10	0.0%	0	0	0	0
11-9141	Property, Real Estate & Community Association Managers	WK EXP	60	60	0.0%	0	2	2	4
11-9151	Social & Community Service Managers	BD+	100	130	30.0%	3	4	6	13
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	90	90	0.0%	0	2	4	6
13-0000	Business & Financial Operations Occupations	N/A	2,000	2,070	3.5%	7	55	122	184
13-1000	Business Operations Specialists	N/A	1,270	1,320	3.9%	5	35	81	121
13-1020	Buyers & Purchasing Agents	BD+	140	130	-7.1%	-1	4	8	11
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	30	30	0.0%	0	1	2	3
13-1041	Compliance Officers	BD+	100	100	0.0%	0	2	5	7
13-1051	Cost Estimators	BD+	60	60	0.0%	0	2	4	6
13-1071	Human Resources Specialists	BD	220	220	0.0%	0	6	15	21
13-1075	Labor Relations Specialists	BD+	50	50	0.0%	0	1	3	4
13-1081	Logisticians	BD	50	70	40.0%	2	1	4	7

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13-1111	Management Analysts	BD+	100	110	10.0%	1	4	6	11
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	20	30	50.0%	0	1	1	2
13-1151	Training & Development Specialists	BD+	60	70	16.7%	0	2	4	6
13-1161	Market Research Analysts & Marketing Specialists	BD	210	240	14.3%	3	5	17	25
13-1198	Project Mgmt & Other Business Oprs Specialists	BD	170	170	0.0%	0	4	8	12
13-2000	Financial Specialists	N/A	730	740	1.4%	1	20	42	63
13-2011	Accountants & Auditors	BD	410	420	2.4%	1	12	24	37
13-2052	Personal Financial Advisors	BD+	50	50	0.0%	0	1	3	4
13-2072	Loan Officers	BD+	90	100	11.1%	1	2	5	8
13-2081	Tax Examiners, Collectors & Revenue Agents	BD+	50	40	-20.0%	-1	2	2	3
13-2098	Financial, Investment & Risk Specialists, All Other	BD	60	60	0.0%	0	1	3	4
15-0000	Computer & Mathematical Occupations	N/A	790	830	5.1%	4	16	40	60
15-1200	Computer Occupations	N/A	770	810	5.2%	4	16	39	59
15-1211	Computer Systems Analysts	BD	80	80	0.0%	0	2	4	6
15-1231	Computer Network Support Specialists	AD	90	80	-11.1%	0	2	4	6
15-1232	Computer User Support Specialists	PS	140	150	7.1%	1	3	8	12
15-1241	Computer Network Architects	BD+	40	40	0.0%	0	1	2	3
15-1244	Network & Computer Systems Administrators	BD	80	90	12.5%	0	1	4	5
15-1245	Database Administrators & Architects	BD	20	20	0.0%	0	0	1	1
15-1251	Computer Programmers	BD	90	80	-11.1%	-1	2	4	5
15-1256	Software Developers & QA Analysts	BD	90	110	22.2%	2	2	5	9
15-1257	Web & Digital Interface Designers	BD	20	20	0.0%	0	0	1	1
15-1299	Computer Occupations, All Other	BD	120	130	8.3%	1	3	6	10
15-2000	Mathematical Scientists	N/A	20	30	50.0%	0	0	1	1
15-2031	Operations Research Analysts	BD	20	20	0.0%	0	0	1	1
17-0000	Architecture & Engineering Occupations	N/A	760	750	-1.3%	0	18	38	56
17-1000	Architects, Surveyors & Cartographers	N/A	40	40	0.0%	0	1	2	3
17-1011	Architects	BD+	20	20	0.0%	0	1	1	2
17-2000	Engineers	N/A	480	490	2.1%	1	10	22	33
17-2051	Civil Engineers	BD	210	220	4.8%	0	4	11	15
17-2071	Electrical Engineers	BD	30	30	0.0%	0	1	1	2
17-2081	Environmental Engineers	BD	20	20	0.0%	0	0	1	1
17-2112	Industrial Engineers	BD	70	70	0.0%	0	2	3	5
17-2141	Mechanical Engineers	BD	80	80	0.0%	0	1	3	4
17-2199	Engineers, Other	BD	30	30	0.0%	0	1	1	2

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17-3000	Drafters, Engineering & Mapping Technicians	N/A	230	220	-4.3%	-1	7	15	21
17-3011	Architectural & Civil Drafters	AD	60	60	0.0%	0	2	4	6
17-3013	Mechanical Drafters	AD	20	20	0.0%	0	1	1	2
17-3022	Civil Engineering Technicians	AD	30	30	0.0%	0	1	2	3
17-3031	Surveying & Mapping Technicians	MT OJT	30	30	0.0%	0	1	2	3
17-3098	Calibration & Engineering Techs, All Other	AD	40	40	0.0%	0	1	2	3
19-0000	Life, Physical & Social Science Occupations	N/A	340	340	0.0%	0	7	25	32
19-1000	Life Scientists	N/A	70	70	0.0%	0	1	5	6
19-1029	Biological Scientists, Other	BD	10	10	0.0%	0	0	0	0
19-2000	Physical Scientists	N/A	70	70	0.0%	0	1	5	6
19-2031	Chemists	BD	30	30	0.0%	0	0	2	2
19-2041	Environmental Scientists & Specialists	BD	30	20	-33.3%	0	0	2	2
19-3000	Social Scientists & Related Workers	N/A	70	80	14.3%	0	2	4	6
19-3031	Clinical, Counseling & School Psychologists	DOCT	20	30	50.0%	0	1	1	2
19-3051	Urban & Regional Planners	MD	10	10	0.0%	0	0	1	1
19-4000	Life, Physical & Social Science Technicians	N/A	100	100	0.0%	0	2	9	11
19-5000	Occupational Health & Safety Specialists & Technicians	N/A	20	20	0.0%	0	0	1	1
21-0000	Community & Social Services Occupations	N/A	1,690	2,120	25.4%	42	62	120	224
21-1000	Counselors, Social Workers & Community Service Specialists	N/A	1,450	1,880	29.7%	43	52	105	200
21-1012	Educational, Guidance, School & Vocational Counselors	MD	70	80	14.3%	0	2	4	6
21-1015	Rehabilitation Counselors	MD	110	120	9.1%	1	4	7	12
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	BD	370	510	37.8%	14	14	26	54
21-1021	Child, Family & School Social Workers	BD	210	270	28.6%	6	7	15	28
21-1022	Healthcare Social Workers	MD+	60	70	16.7%	1	2	4	7
21-1023	Mental Health & Substance Abuse Social Workers	MD+	240	330	37.5%	10	8	18	36
21-1029	Social Workers, Other	BD	50	60	20.0%	1	2	4	7
21-1093	Social & Human Service Assistants	ST OJT	170	220	29.4%	6	8	15	29
21-2000	Religious Workers	N/A	240	240	0.0%	0	10	15	25
21-2011	Clergy	BD+	130	130	0.0%	0	5	7	12
23-1000	Lawyers, Judges & Related Workers	N/A	110	110	0.0%	0	2	3	5
23-1011	Lawyers	DOCT	100	100	0.0%	0	2	2	4
23-2000	Legal Support Workers	N/A	110	110	0.0%	0	4	7	11
23-2011	Paralegals & Legal Assistants	AD	70	70	0.0%	0	3	4	7
25-0000	Education, Training & Library Occupations	N/A	2,750	2,890	5.1%	14	111	128	253
25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	40	40	0.0%	0	2	2	4

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25-2000	Primary, Secondary & Special Education School Teachers	N/A	1,590	1,680	5.7%	9	52	70	131
25-2011	Preschool Teachers	AD	190	180	-5.3%	-1	7	11	17
25-2012	Kindergarten Teachers	BD	50	50	0.0%	0	2	3	5
25-2021	Elementary School Teachers	BD	440	480	9.1%	3	14	18	35
25-2031	Secondary School Teachers	BD	340	360	5.9%	3	9	14	26
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	80	90	12.5%	0	3	3	6
25-2057	Special Education Teachers, Middle School	BD	80	80	0.0%	0	3	3	6
25-3000	Other Teachers & Instructors	N/A	350	380	8.6%	4	22	20	46
25-3021	Self-Enrichment Education Teachers	WK EXP	100	110	10.0%	1	6	6	13
25-3031	Substitute Teachers, Short-Term	BD	200	220	10.0%	2	13	11	26
25-4022	Librarians & Media Collections Specialists	MD	30	30	0.0%	0	2	2	4
25-4031	Library Technicians	PS	20	20	0.0%	0	2	1	3
25-9000	Other Education, Training & Library Occupations	N/A	450	470	4.4%	2	21	21	44
25-9031	Instructional Coordinators	MD+	40	40	0.0%	0	2	2	4
25-9045	Teaching Assistants, Non-Postsecondary	PS	390	410	5.1%	2	18	19	39
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	N/A	670	690	3.0%	2	25	42	69
27-1000	Art & Design Workers	N/A	290	290	0.0%	0	9	17	26
27-1024	Graphic Designers	BD	60	60	0.0%	0	2	4	6
27-1025	Interior Designers	BD	30	30	0.0%	0	1	2	3
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	140	140	0.0%	0	4	8	12
27-2000	Entertainers & Performers, Sports & Related Workers	N/A	180	190	5.6%	1	10	12	23
27-2021	Athletes & Sports Competitors	LT OJT	10	10	0.0%	0	0	0	0
27-2022	Coaches & Scouts	BD	50	60	20.0%	1	3	4	8
27-2042	Musicians & Singers	LT OJT	60	70	16.7%	0	4	4	8
27-3000	Media & Communication Workers	N/A	150	150	0.0%	0	5	10	15
27-3031	Public Relations Specialists	BD	40	40	0.0%	0	1	3	4
27-4000	Media & Communication Equipment Workers	N/A	60	60	0.0%	1	2	4	7
27-4011	Audio & Video Equipment Technicians	PS	10	10	0.0%	0	0	0	0
27-4021	Photographers	MT OJT	30	40	33.3%	0	1	2	3
29-0000	Healthcare Practitioners & Technical Occupations	N/A	4,550	5,000	9.9%	45	122	145	312
29-1000	Health Diagnosing & Treating Practitioners	N/A	3,020	3,380	11.9%	36	76	78	190
29-1031	Dietitians & Nutritionists	BD+	30	30	0.0%	0	1	1	2
29-1041	Optometrists	DOCT	30	40	33.3%	1	1	0	2
29-1051	Pharmacists	DOCT	180	160	-11.1%	-2	3	3	4
29-1071	Physician Assistants	MD	120	170	41.7%	5	2	6	13

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29-1122	Occupational Therapists	MD	100	120	20.0%	2	2	4	8
29-1123	Physical Therapists	DOCT	180	230	27.8%	4	4	4	12
29-1127	Speech-Language Pathologists	MD+	50	70	40.0%	2	2	2	6
29-1131	Veterinarians	DOCT	20	20	0.0%	0	0	0	0
29-1141	Registered Nurses	BD	1,730	1,830	5.8%	11	48	45	104
29-1171	Nurse Practitioners	MD	90	160	77.8%	7	3	4	14
29-1228	Physicians & Ophthalmologists, All Other	DOCT	210	230	9.5%	2	4	2	8
29-2010	Clinical Laboratory Technologists & Technicians	BD	110	110	0.0%	0	3	4	7
29-2040	Emergency Medical Technicians & Paramedics	PS	130	120	-7.7%	-1	2	6	7
29-2052	Pharmacy Technicians	MT OJT	190	190	0.0%	0	5	8	13
29-2056	Veterinary Technologists & Technicians	AD	30	30	0.0%	0	1	2	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	590	660	11.9%	7	21	26	54
29-2081	Opticians, Dispensing	LT OJT	30	30	0.0%	0	1	1	2
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	150	170	13.3%	1	4	7	12
31-0000	Healthcare Support Occupations	N/A	3,660	4,710	28.7%	105	249	252	606
31-1100	Nursing, Psychiatric, & Home Health Aides	N/A	2,750	3,600	30.9%	85	203	180	468
31-1120	Home Health & Personal Care Aides	ST OJT	1,690	2,460	45.6%	77	133	118	328
31-2000	Occupational & Physical Therapist Assistants & Aides	N/A	120	190	58.3%	7	7	12	26
31-2011	Occupational Therapy Assistants	AD	30	50	66.7%	2	2	3	7
31-2021	Physical Therapist Assistants	AD	90	130	44.4%	4	5	8	17
31-9000	Other Healthcare Support Occupations	N/A	790	920	16.5%	14	39	60	113
31-9092	Medical Assistants	PS	400	520	30.0%	11	19	34	64
31-9095	Pharmacy Aides	ST OJT	30	20	-33.3%	-1	1	2	2
31-9097	Phlebotomists	PS	80	90	12.5%	0	4	6	10
33-0000	Protective Service Occupations	N/A	970	890	-8.2%	-8	51	61	104
33-1012	Supervisors - Police & Detectives	WK EXP	20	20	0.0%	0	0	1	1
33-1090	Supervisors - Protective Service Workers	WK EXP	20	20	0.0%	0	1	1	2
33-3000	Law Enforcement Workers	N/A	340	290	-14.7%	-6	9	16	19
33-3051	Police & Sheriff's Patrol Officers	MT OJT	230	200	-13.0%	-3	5	11	13
33-9000	Other Protective Service Workers	N/A	510	500	-2.0%	-1	39	39	77
33-9032	Security Guards	ST OJT	320	300	-6.2%	-2	16	24	38
33-9091	Crossing Guards	ST OJT	70	60	-14.3%	0	10	3	13
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	50	70	40.0%	2	8	6	16
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	30	30	0.0%	0	4	3	7
35-0000	Food Preparation & Serving Related Occupations	N/A	4,600	5,290	15.0%	68	379	507	954

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35-1000	Supervisors, Food Preparation & Serving Workers	N/A	300	340	13.3%	4	14	33	51
35-1011	Chefs & Head Cooks	WK EXP	20	20	0.0%	0	1	2	3
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	280	320	14.3%	4	14	31	49
35-2000	Cooks & Food Preparation Workers	N/A	920	1,140	23.9%	22	63	89	174
35-2012	Cooks, Institution & Cafeteria	ST OJT	190	200	5.3%	1	11	16	28
35-2014	Cooks, Restaurant	MT OJT	510	730	43.1%	22	36	53	111
35-2021	Food Preparation Workers	ST OJT	110	120	9.1%	1	9	11	21
35-3000	Food & Beverage Serving Workers	N/A	2,960	3,310	11.8%	35	260	342	637
35-3011	Bartenders	ST OJT	450	560	24.4%	11	23	61	95
35-3023	Fast Food & Counter Workers	ST OJT	1,740	1,900	9.2%	15	176	192	383
35-3031	Waiters & Waitresses	ST OJT	580	650	12.1%	7	45	74	126
35-3041	Food Servers, Nonrestaurant	ST OJT	180	200	11.1%	2	15	15	32
35-9000	Other Food Preparation & Serving Related Workers	N/A	430	500	16.3%	7	43	43	93
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	160	190	18.8%	3	15	15	33
35-9021	Dishwashers	ST OJT	150	170	13.3%	2	12	14	28
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	120	140	16.7%	2	16	15	33
37-0000	Building & Grounds Cleaning & Maintenance Occupations	N/A	1,880	1,940	3.2%	6	110	137	253
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	N/A	190	190	0.0%	0	7	14	21
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	110	110	0.0%	0	5	8	13
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	80	80	0.0%	0	3	6	9
37-2000	Building Cleaning & Pest Control Workers	N/A	1,390	1,430	2.9%	4	90	96	190
37-2011	Janitors & Cleaners	ST OJT	890	920	3.4%	3	56	63	122
37-3000	Grounds Maintenance Workers	N/A	300	320	6.7%	1	13	27	41
37-3011	Landscaping & Groundskeeping Workers	ST OJT	300	310	3.3%	1	13	26	40
39-0000	Personal Care & Service Occupations	N/A	1,470	1,630	10.9%	17	93	114	224
39-1000	Supervisors, Personal Care & Service Workers	N/A	100	120	20.0%	2	4	8	14
39-1098	Supervisors - Personal Svc/Entertain't/Recr'n Workers	WK EXP	100	120	20.0%	2	4	8	14
39-2000	Animal Care & Service Workers	N/A	80	90	12.5%	2	5	7	14
39-5000	Personal Appearance Workers	N/A	520	550	5.8%	3	28	30	61
39-9000	Other Personal Care & Service Workers	N/A	660	710	7.6%	6	43	55	104
39-9011	Childcare Workers	ST OJT	380	380	0.0%	0	26	27	53
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	80	110	37.5%	2	6	9	17
39-9032	Recreation Workers	ST OJT	140	160	14.3%	2	9	14	25
41-0000	Sales & Related Occupations	N/A	6,220	6,160	-1.0%	-6	323	491	808
41-1000	Supervisors - Sales Workers	N/A	1,080	1,040	-3.7%	-5	37	72	104

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41-1011	Supervisors - Retail Sales Workers	WK EXP	970	920	-5.2%	-4	33	66	95
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	120	110	-8.3%	0	3	7	10
41-2000	Retail Sales Workers	N/A	4,020	3,950	-1.7%	-6	250	340	584
41-2011	Cashiers	ST OJT	1,150	1,050	-8.7%	-10	94	106	190
41-2021	Counter & Rental Clerks	ST OJT	170	200	17.6%	3	8	13	24
41-2022	Parts Salespersons	MT OJT	170	170	0.0%	0	7	13	20
41-2031	Retail Salespersons	ST OJT	2,530	2,530	0.0%	0	141	209	350
41-3000	Sales Representatives, Services	N/A	430	460	7.0%	3	12	35	50
41-3021	Insurance Sales Agents	MT OJT	70	80	14.3%	1	2	4	7
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	70	80	14.3%	1	2	5	8
41-3091	Sales Representatives - Services	MT OJT	230	250	8.7%	1	6	21	28
41-4000	Sales Representatives, Wholesale & Manufacturing	N/A	480	480	0.0%	1	14	32	47
41-4011	Sales Representatives, Technical & Scientific Products	BD+	30	20	-33.3%	0	1	2	3
41-4012	Sales Representatives	MT OJT	450	460	2.2%	1	14	31	46
41-9000	Other Sales & Related Workers	N/A	210	230	9.5%	1	10	11	22
41-9022	Real Estate Sales Agents	MT OJT	170	180	5.9%	1	7	8	16
43-0000	Office & Administrative Support Occupations	N/A	8,030	7,600	-5.4%	-43	378	477	812
43-3000	Financial Clerks	N/A	1,120	1,050	-6.2%	-6	52	62	108
43-3021	Billing & Posting Clerks	MT OJT	240	250	4.2%	1	10	15	26
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	500	470	-6.0%	-3	28	25	50
43-3051	Payroll & Timekeeping Clerks	MT OJT	60	50	-16.7%	-1	2	3	4
43-3071	Tellers	ST OJT	240	210	-12.5%	-2	9	14	21
43-4000	Information & Record Clerks	N/A	2,010	1,990	-1.0%	-3	96	144	237
43-4031	Court, Municipal & License Clerks	LT OJT	30	30	0.0%	0	2	2	4
43-4051	Customer Service Representatives	ST OJT	1,010	1,010	0.0%	0	48	79	127
43-4061	Eligibility Interviewers, Government Programs	MT OJT	220	220	0.0%	0	8	11	19
43-4071	File Clerks	ST OJT	20	10	-50.0%	0	1	1	2
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	50	40	-20.0%	-1	3	5	7
43-4111	Interviewers	ST OJT	100	90	-10.0%	-1	5	6	10
43-4131	Loan Interviewers & Clerks	ST OJT	30	30	0.0%	0	1	2	3
43-4151	Order Clerks	PS	60	50	-16.7%	-1	2	4	5
43-4161	Human Resources Assistants	AD	30	30	0.0%	0	1	2	3
43-4171	Receptionists & Information Clerks	ST OJT	400	420	5.0%	2	23	28	53
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	N/A	880	850	-3.4%	-3	33	46	76
43-5021	Couriers & Messengers	ST OJT	100	90	-10.0%	-1	4	5	8

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43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	30	30	0.0%	0	1	2	3
43-5032	Dispatchers	MT OJT	110	110	0.0%	0	4	6	10
43-5051	Postal Service Clerks	ST OJT	40	40	0.0%	0	2	1	3
43-5052	Postal Service Mail Carriers	ST OJT	140	140	0.0%	-1	5	5	9
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	50	50	0.0%	0	3	2	5
43-5061	Production, Planning & Expediting Clerks	MT OJT	160	170	6.2%	1	6	11	18
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	230	220	-4.3%	0	8	13	21
43-6000	Secretaries & Administrative Assistants	N/A	1,340	1,240	-7.5%	-10	66	72	128
43-6013	Medical Secretaries	MT OJT	140	180	28.6%	4	8	9	21
43-6014	Secretaries	ST OJT	1,080	970	-10.2%	-11	52	57	98
43-9000	Other Office & Administrative Support Workers	N/A	2,100	1,910	-9.0%	-19	110	118	209
43-9021	Data Entry Keyers	ST OJT	60	50	-16.7%	-2	2	4	4
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	40	40	0.0%	0	2	2	4
43-9061	Office Clerks, General	ST OJT	1,590	1,510	-5.0%	-8	85	92	169
45-2021	Animal Breeders	ST OJT	10	10	0.0%	0	0	1	1
45-2091	Agricultural Equipment Operators	MT OJT	30	30	0.0%	0	1	3	4
47-0000	Construction & Extraction Occupations	N/A	2,340	2,420	3.4%	8	73	159	240
47-1000	Supervisors - Construction & Extraction Workers	N/A	210	220	4.8%	1	6	14	21
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	210	220	4.8%	1	6	14	21
47-2000	Construction Trades Workers	N/A	1,730	1,830	5.8%	11	52	118	181
47-2021	Brickmasons & Blockmasons	LT OJT	50	50	0.0%	0	2	3	5
47-2031	Carpenters	LT OJT	480	500	4.2%	1	14	31	46
47-2051	Cement Masons & Concrete Finishers	MT OJT	40	40	0.0%	0	1	3	4
47-2061	Construction Laborers	ST OJT	430	480	11.6%	5	13	31	49
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	170	170	0.0%	0	6	12	18
47-2111	Electricians	LT OJT	160	170	6.2%	1	5	12	18
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	60	60	0.0%	0	2	4	6
47-2181	Roofers	MT OJT	130	150	15.4%	2	3	10	15
47-2211	Sheet Metal Workers	LT OJT	30	40	33.3%	0	1	2	3
47-3012	Helpers--Carpenters	ST OJT	40	50	25.0%	0	1	4	5
47-4000	Other Construction & Related Workers	N/A	290	250	-13.8%	-4	12	17	25
47-4011	Construction & Building Inspectors	WK EXP	140	120	-14.3%	-2	7	8	13
47-4051	Highway Maintenance Workers	MT OJT	110	100	-9.1%	-2	4	7	9
47-5071	Roustabouts, Oil & Gas	MT OJT	10	10	0.0%	0	0	0	0

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49-0000	Installation, Maintenance & Repair Occupations	N/A	2,860	2,930	2.4%	7	90	184	281
49-1000	Supervisors - Installation, Maintenance & Repair Workers	N/A	260	270	3.8%	1	8	16	25
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	260	270	3.8%	1	8	16	25
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	N/A	200	200	0.0%	0	6	13	19
49-2022	Telecommunications Equipment Installers & Repairers	PS+	70	80	14.3%	0	3	6	9
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	PS+	20	20	0.0%	0	1	1	2
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	N/A	1,000	1,010	1.0%	0	31	66	97
49-3021	Automotive Body & Related Repairers	LT OJT	140	140	0.0%	0	4	8	12
49-3023	Automotive Service Technicians & Mechanics	PS	490	480	-2.0%	-1	14	33	46
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	170	170	0.0%	0	5	11	16
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	20	30	50.0%	0	1	2	3
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	40	40	0.0%	0	1	3	4
49-9000	Other Installation, Maintenance & Repair Occupations	N/A	1,410	1,460	3.5%	6	45	89	140
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	210	220	4.8%	1	5	14	20
49-9041	Industrial Machinery Mechanics	LT OJT	180	210	16.7%	3	6	10	19
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	80	80	0.0%	0	1	5	6
49-9052	Telecommunications Line Installers & Repairers	LT OJT	70	80	14.3%	1	2	6	9
49-9071	Maintenance & Repair Workers, General	MT OJT	660	660	0.0%	0	23	38	61
49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	20	30	50.0%	0	1	2	3
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	90	90	0.0%	0	3	6	9
51-0000	Production Occupations	N/A	4,080	4,090	0.2%	2	159	289	450
51-1000	Supervisors - Production Workers	N/A	310	330	6.5%	2	10	21	33
51-1011	Supervisors - Production & Operating Workers	WK EXP	310	330	6.5%	2	10	21	33
51-2000	Assemblers & Fabricators	N/A	520	470	-9.6%	-5	18	35	48
51-2090	Misc. Assemblers & Fabricators	MT OJT	320	270	-15.6%	-5	11	21	27
51-3000	Food Processing Workers	N/A	320	350	9.4%	3	16	26	45
51-3011	Bakers	LT OJT	50	50	0.0%	0	3	4	7
51-3021	Butchers & Meat Cutters	LT OJT	30	20	-33.3%	0	1	2	3
51-3092	Food Batchmakers	MT OJT	130	140	7.7%	1	6	10	17
51-4000	Metal Workers & Plastic Workers	N/A	520	530	1.9%	2	16	37	55
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	30	30	0.0%	0	1	2	3
51-4041	Machinists	LT OJT	200	210	5.0%	1	7	14	22
51-4081	Multiple Machine Tool Operators	MT OJT	20	20	0.0%	0	1	1	2
51-5100	Printing Workers	N/A	250	240	-4.0%	-1	10	18	27

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51-5112	Printing Press Operators	MT OJT	180	180	0.0%	-1	7	13	19
51-6000	Textile, Apparel & Furnishings Workers	N/A	380	380	0.0%	0	22	24	46
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	90	100	11.1%	1	6	6	13
51-6031	Sewing Machine Operators	ST OJT	40	40	0.0%	0	2	2	4
51-7000	Woodworkers	N/A	120	130	8.3%	1	4	8	13
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	40	50	25.0%	0	2	2	4
51-7042	Woodworking Machine Operators	MT OJT	40	50	25.0%	0	1	3	4
51-8000	Plant & System Operators	N/A	160	140	-12.5%	-2	5	10	13
51-8021	Stationary Engineers & Boiler Operators	LT OJT	40	40	0.0%	0	2	3	5
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	80	60	-25.0%	-2	2	4	4
51-9000	Other Production Occupations	N/A	1,510	1,530	1.3%	3	60	110	173
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	MT OJT	40	40	0.0%	0	1	3	4
51-9023	Mixing & Blending Machine Operators	MT OJT	80	80	0.0%	0	3	6	9
51-9032	Cutting & Slicing Machine Operators	MT OJT	30	40	33.3%	0	2	3	5
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	180	170	-5.6%	-1	7	14	20
51-9081	Dental Laboratory Technicians	MT OJT	10	10	0.0%	0	0	1	1
51-9111	Packaging & Filling Machine Operators	MT OJT	410	450	9.8%	4	18	29	51
51-9161	CNC Tool Operators	MT OJT	20	30	50.0%	0	1	2	3
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	MT OJT	10	10	0.0%	0	0	1	1
51-9195	Molders, Shapers & Casters	LT OJT	100	110	10.0%	2	4	7	13
51-9196	Paper Goods Machine Operators	MT OJT	290	280	-3.4%	0	13	19	32
51-9198	Helpers--Production Workers	ST OJT	130	120	-7.7%	-1	6	12	17
53-0000	Transportation & Material Moving Occupations	N/A	6,700	7,090	5.8%	38	314	534	886
53-1000	Supervisors - Transportation & Material Moving Workers	N/A	340	360	5.9%	1	13	24	38
53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	340	360	5.9%	1	13	24	38
53-2021	Air Traffic Controllers	AD+	10	10	0.0%	0	0	1	1
53-3000	Motor Vehicle Operators	N/A	2,500	2,680	7.2%	18	120	166	304
53-3031	Driver/Sales Workers	ST OJT	170	190	11.8%	2	7	12	21
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	1,170	1,170	0.0%	0	48	79	127
53-3033	Light Truck or Delivery Services Drivers	ST OJT	660	670	1.5%	1	27	45	73
53-3058	Passenger Vehicle Drivers	ST OJT	460	620	34.8%	15	36	27	78
53-7000	Material Moving Workers	N/A	3,470	3,670	5.8%	20	172	318	510
53-7051	Industrial Truck & Tractor Operators	ST OJT	270	310	14.8%	3	9	22	34
53-7061	Cleaners of Vehicles & Equipment	ST OJT	140	150	7.1%	1	7	13	21

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53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	1,420	1,490	4.9%	7	64	127	198
53-7064	Packers & Packagers, Hand	ST OJT	320	340	6.2%	2	19	27	48
53-7065	Stockers & Order Fillers	ST OJT	1,120	1,160	3.6%	4	65	111	180

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/ Demand due to employment growth measures the numerical change in projected number of job gains or losses.

2/ Demand due to exits measure the projected number of workers leaving an occupation and exiting the workforce entirely.

3/ Demand due to transfers are the projected number of workers leaving an occupation and transferring to a different occupation.

4/ Total demand is the projected number of openings (positions) for workers entering the occupation. Defined as the sum of the demand due to growth, exits, and transfers.