

**State College 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	69,630	73,850	6.1%	422	3,138	4,623	8,183
11-0000	Management Occupations	N/A	3,760	3,980	5.9%	23	103	207	333
11-1000	Top Executives	N/A	880	930	5.7%	5	19	54	78
11-1011	Chief Executives	BD+	80	80	0.0%	0	2	3	5
11-1021	General & Operations Managers	BD+	790	840	6.3%	5	16	50	71
11-1031	Legislators	BD+	10	10	0.0%	0	0	1	1
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	N/A	200	210	5.0%	0	4	13	17
11-2021	Marketing Managers	BD+	120	120	0.0%	0	2	8	10
11-2022	Sales Managers	BD+	30	30	0.0%	0	1	2	3
11-3000	Operations Specialties Managers	N/A	920	980	6.5%	6	20	50	76
11-3021	Computer & Information Systems Managers	BD+	320	330	3.1%	1	5	18	24
11-3031	Financial Managers	BD+	210	240	14.3%	3	4	11	18
11-3051	Industrial Production Managers	BD+	60	60	0.0%	0	1	3	4
11-3061	Purchasing Managers	BD+	20	20	0.0%	0	0	1	1
11-3071	Transportation, Storage & Distribution Managers	WK EXP	40	50	25.0%	0	1	2	3
11-3121	Human Resources Managers	BD+	50	50	0.0%	0	1	3	4
11-9000	Other Management Occupations	N/A	1,750	1,870	6.9%	12	60	90	162
11-9021	Construction Managers	BD+	80	90	12.5%	1	2	4	7
11-9032	Education Administrators, Elementary & Secondary School	MD+	70	80	14.3%	0	2	3	5
11-9041	Architectural & Engineering Managers	BD+	130	140	7.7%	0	2	7	9
11-9051	Food Service Managers	WK EXP	180	200	11.1%	2	6	15	23
11-9111	Medical & Health Services Managers	BD+	200	260	30.0%	6	6	12	24
11-9131	Postmasters & Mail Superintendents	WK EXP	10	10	0.0%	0	0	1	1
11-9141	Property, Real Estate & Community Association Managers	WK EXP	130	140	7.7%	1	5	5	11
11-9151	Social & Community Service Managers	BD+	60	60	0.0%	0	2	3	5
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	100	110	10.0%	0	2	5	7
13-0000	Business & Financial Operations Occupations	N/A	3,820	4,000	4.7%	18	106	237	361
13-1000	Business Operations Specialists	N/A	2,960	3,070	3.7%	12	81	188	281
13-1020	Buyers & Purchasing Agents	BD+	150	140	-6.7%	-1	5	9	13
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	20	20	0.0%	0	0	1	1
13-1041	Compliance Officers	BD+	140	150	7.1%	1	4	8	13
13-1051	Cost Estimators	BD+	110	120	9.1%	0	3	7	10
13-1071	Human Resources Specialists	BD	240	240	0.0%	0	6	16	22
13-1075	Labor Relations Specialists	BD+	30	20	-33.3%	0	1	2	3
13-1081	Logisticians	BD	30	40	33.3%	0	1	2	3

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13-1111	Management Analysts	BD+	160	170	6.2%	1	5	9	15
13-1151	Training & Development Specialists	BD+	70	70	0.0%	0	2	4	6
13-1161	Market Research Analysts & Marketing Specialists	BD	400	470	17.5%	7	10	32	49
13-2000	Financial Specialists	N/A	860	930	8.1%	6	25	49	80
13-2011	Accountants & Auditors	BD	410	440	7.3%	3	12	25	40
13-2052	Personal Financial Advisors	BD+	110	110	0.0%	1	2	5	8
13-2071	Credit Counselors	BD+	70	70	0.0%	0	2	4	6
13-2072	Loan Officers	BD+	70	80	14.3%	1	2	4	7
13-2098	Financial, Investment & Risk Specialists, All Other	BD	50	50	0.0%	0	1	3	4
15-0000	Computer & Mathematical Occupations	N/A	2,500	2,580	3.2%	8	52	124	184
15-1211	Computer Systems Analysts	BD	80	80	0.0%	0	2	4	6
15-1212	Information Security Analysts	BD+	40	50	25.0%	1	1	2	4
15-1231	Computer Network Support Specialists	AD	80	80	0.0%	0	2	4	6
15-1232	Computer User Support Specialists	PS	280	280	0.0%	0	5	15	20
15-1244	Network & Computer Systems Administrators	BD	380	380	0.0%	0	6	18	24
15-1256	Software Developers & QA Analysts	BD	510	610	19.6%	9	13	28	50
15-1257	Web & Digital Interface Designers	BD	40	40	0.0%	0	1	2	3
15-1299	Computer Occupations, All Other	BD	210	220	4.8%	1	5	11	17
17-0000	Architecture & Engineering Occupations	N/A	1,980	1,990	0.5%	1	47	93	141
17-1000	Architects, Surveyors & Cartographers	N/A	140	140	0.0%	0	4	6	10
17-1011	Architects	BD+	30	30	0.0%	0	1	1	2
17-1022	Surveyors	BD+	80	80	0.0%	0	3	4	7
17-2000	Engineers	N/A	1,450	1,480	2.1%	3	30	62	95
17-2041	Chemical Engineers	BD	10	10	0.0%	0	0	0	0
17-2051	Civil Engineers	BD	170	180	5.9%	0	4	9	13
17-2071	Electrical Engineers	BD	110	110	0.0%	1	3	4	8
17-2072	Electronics Engineers	BD	110	110	0.0%	0	3	4	7
17-2081	Environmental Engineers	BD	30	40	33.3%	0	1	2	3
17-2112	Industrial Engineers	BD	120	140	16.7%	1	3	5	9
17-2141	Mechanical Engineers	BD	250	260	4.0%	0	4	10	14
17-3000	Drafters, Engineering & Mapping Technicians	N/A	400	380	-5.0%	-2	12	25	35
17-3011	Architectural & Civil Drafters	AD	70	60	-14.3%	0	2	4	6
17-3013	Mechanical Drafters	AD	30	30	0.0%	0	1	2	3
17-3022	Civil Engineering Technicians	AD	50	50	0.0%	0	2	3	5
17-3023	Electrical & Electronic Engineering Technicians	AD	60	60	0.0%	-1	2	4	5

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17-3026	Industrial Engineering Technicians	AD	10	20	100.0%	0	0	1	1
17-3027	Mechanical Engineering Technicians	AD	70	60	-14.3%	0	2	4	6
17-3031	Surveying & Mapping Technicians	MT OJT	30	30	0.0%	0	1	3	4
17-3098	Calibration & Engineering Techs, All Other	AD	50	50	0.0%	0	2	3	5
19-0000	Life, Physical & Social Science Occupations	N/A	740	790	6.8%	5	17	54	76
19-1000	Life Scientists	N/A	120	130	8.3%	1	2	9	12
19-1022	Microbiologists	BD	20	20	0.0%	0	0	1	1
19-1029	Biological Scientists, Other	BD	30	30	0.0%	0	0	2	2
19-1031	Conservation Scientists	BD	20	20	0.0%	0	0	1	1
19-2000	Physical Scientists	N/A	140	150	7.1%	1	2	11	14
19-2041	Environmental Scientists & Specialists	BD	40	50	25.0%	0	1	4	5
19-2042	Geoscientists	BD	20	30	50.0%	0	0	2	2
19-3000	Social Scientists & Related Workers	N/A	160	170	6.2%	1	4	8	13
19-3031	Clinical, Counseling & School Psychologists	DOCT	110	120	9.1%	2	3	4	9
19-3051	Urban & Regional Planners	MD	40	40	0.0%	0	1	3	4
19-4000	Life, Physical & Social Science Technicians	N/A	230	240	4.3%	1	6	23	30
19-4021	Biological Technicians	BD	30	40	33.3%	0	1	3	4
19-4042	Environmental Science & Protection Technicians	AD	50	50	0.0%	0	1	5	6
19-4061	Social Science Research Assistants	BD	100	110	10.0%	0	3	10	13
19-5000	Occupational Health & Safety Specialists & Technicians	N/A	90	90	0.0%	0	2	4	6
19-5011	Occupational Health & Safety Specialists	BD	80	80	0.0%	0	2	3	5
19-5012	Occupational Health & Safety Technicians	MT OJT	10	10	0.0%	0	0	0	0
21-0000	Community & Social Services Occupations	N/A	1,390	1,510	8.6%	12	49	91	152
21-1000	Counselors, Social Workers & Community Service Specialists	N/A	1,120	1,240	10.7%	12	37	73	122
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	BD	200	230	15.0%	3	7	13	23
21-1021	Child, Family & School Social Workers	BD	160	180	12.5%	2	5	11	18
21-1022	Healthcare Social Workers	MD+	50	50	0.0%	0	1	3	4
21-1023	Mental Health & Substance Abuse Social Workers	MD+	70	80	14.3%	2	2	5	9
21-1091	Health Educators	BD	20	20	0.0%	0	1	2	3
21-1093	Social & Human Service Assistants	ST OJT	60	60	0.0%	0	2	4	6
21-1099	Community & Social Service Specialists, Other	BD	30	40	33.3%	0	1	2	3
21-2000	Religious Workers	N/A	280	270	-3.6%	0	12	18	30
21-2011	Clergy	BD+	160	160	0.0%	0	6	9	15
23-0000	Legal Occupations	N/A	300	330	10.0%	3	9	12	24
23-1000	Lawyers, Judges & Related Workers	N/A	200	220	10.0%	2	5	6	13

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23-1011	Lawyers	DOCT	170	180	5.9%	1	4	4	9
23-2000	Legal Support Workers	N/A	100	110	10.0%	1	4	7	12
23-2011	Paralegals & Legal Assistants	AD	90	100	11.1%	1	4	6	11
25-0000	Education, Training & Library Occupations	N/A	7,870	8,110	3.0%	24	345	366	735
25-2000	Primary, Secondary & Special Education School Teachers	N/A	1,770	1,820	2.8%	6	54	76	136
25-2011	Preschool Teachers	AD	190	190	0.0%	0	8	11	19
25-2021	Elementary School Teachers	BD	490	500	2.0%	2	15	20	37
25-2031	Secondary School Teachers	BD	640	670	4.7%	2	17	26	45
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	10	10	0.0%	0	0	0	0
25-2058	Special Education Teachers, Secondary School	BD	90	100	11.1%	0	3	4	7
25-3000	Other Teachers & Instructors	N/A	390	420	7.7%	3	24	22	49
25-3021	Self-Enrichment Education Teachers	WK EXP	280	300	7.1%	3	17	16	36
25-9000	Other Education, Training & Library Occupations	N/A	1,380	1,410	2.2%	3	66	63	132
25-9045	Teaching Assistants, Non-Postsecondary	PS	630	640	1.6%	1	28	30	59
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	N/A	1,060	1,210	14.2%	16	44	74	134
27-1000	Art & Design Workers	N/A	220	280	27.3%	6	9	14	29
27-1024	Graphic Designers	BD	60	60	0.0%	0	2	3	5
27-2000	Entertainers & Performers, Sports & Related Workers	N/A	400	460	15.0%	6	22	30	58
27-2012	Producers & Directors	BD+	50	60	20.0%	1	1	4	6
27-3000	Media & Communication Workers	N/A	360	380	5.6%	2	11	23	36
27-3031	Public Relations Specialists	BD	140	150	7.1%	0	4	10	14
27-3041	Editors	BD+	40	40	0.0%	0	1	2	3
27-3042	Technical Writers	BD+	70	70	0.0%	0	2	4	6
27-3043	Writers & Authors	BD+	40	40	0.0%	0	2	2	4
27-4000	Media & Communication Equipment Workers	N/A	80	90	12.5%	1	2	6	9
27-4011	Audio & Video Equipment Technicians	PS	40	40	0.0%	0	1	3	4
27-4012	Broadcast Technicians	AD	10	10	0.0%	0	0	1	1
29-0000	Healthcare Practitioners & Technical Occupations	N/A	3,740	4,250	13.6%	51	99	117	267
29-1000	Health Diagnosing & Treating Practitioners	N/A	2,570	2,940	14.4%	37	65	65	167
29-1011	Chiropractors	DOCT	20	30	50.0%	0	0	0	0
29-1051	Pharmacists	DOCT	140	150	7.1%	1	3	3	7
29-1071	Physician Assistants	MD	80	110	37.5%	4	2	4	10
29-1122	Occupational Therapists	MD	60	60	0.0%	1	1	2	4
29-1123	Physical Therapists	DOCT	70	80	14.3%	1	1	2	4
29-1127	Speech-Language Pathologists	MD+	40	50	25.0%	1	1	2	4

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29-1131	Veterinarians	DOCT	80	100	25.0%	1	1	1	3
29-1141	Registered Nurses	BD	1,350	1,480	9.6%	13	38	36	87
29-1171	Nurse Practitioners	MD	90	140	55.6%	5	2	4	11
29-1215	Family Medicine Physicians	DOCT	60	70	16.7%	1	1	1	3
29-1221	Pediatricians, General	DOCT	30	40	33.3%	1	1	0	2
29-1223	Psychiatrists	DOCT	10	10	0.0%	0	0	0	0
29-1228	Physicians & Ophthalmologists, All Other	DOCT	180	210	16.7%	3	3	2	8
29-2000	Health Technologists & Technicians	N/A	1,130	1,260	11.5%	13	34	51	98
29-2032	Diagnostic Medical Sonographers	AD	20	30	50.0%	1	1	1	3
29-2040	Emergency Medical Technicians & Paramedics	PS	170	190	11.8%	2	3	8	13
29-2052	Pharmacy Technicians	MT OJT	110	120	9.1%	2	3	5	10
29-2056	Veterinary Technologists & Technicians	AD	60	70	16.7%	1	2	3	6
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	310	350	12.9%	4	11	14	29
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	90	100	11.1%	1	3	4	8
29-9000	Other Healthcare Practitioners & Technical Occupations	N/A	40	50	25.0%	1	1	2	4
31-0000	Healthcare Support Occupations	N/A	2,610	2,940	12.6%	33	165	167	365
31-1100	Nursing, Psychiatric, & Home Health Aides	N/A	1,980	2,190	10.6%	21	134	118	273
31-1120	Home Health & Personal Care Aides	ST OJT	1,450	1,640	13.1%	18	99	88	205
31-2000	Occupational & Physical Therapist Assistants & Aides	N/A	70	100	42.9%	2	4	6	12
31-2021	Physical Therapist Assistants	AD	10	20	100.0%	0	1	1	2
31-9000	Other Healthcare Support Occupations	N/A	550	650	18.2%	10	28	42	80
31-9091	Dental Assistants	PS	180	190	5.6%	1	8	13	22
31-9092	Medical Assistants	PS	190	250	31.6%	6	9	17	32
33-0000	Protective Service Occupations	N/A	1,750	1,900	8.6%	15	75	104	194
33-1011	Supervisors - Correctional Officers	WK EXP	80	100	25.0%	1	3	4	8
33-1012	Supervisors - Police & Detectives	WK EXP	30	30	0.0%	0	1	1	2
33-3000	Law Enforcement Workers	N/A	1,330	1,450	9.0%	12	48	74	134
33-3012	Correctional Officers & Jailers	MT OJT	1,000	1,090	9.0%	9	39	57	105
33-3021	Detectives & Criminal Investigators	WK EXP	50	60	20.0%	0	1	2	3
33-3051	Police & Sheriff's Patrol Officers	MT OJT	260	280	7.7%	2	7	14	23
33-9000	Other Protective Service Workers	N/A	280	300	7.1%	2	23	24	49
33-9093	Transportation Security Screeners	ST OJT	10	10	0.0%	0	0	0	0
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	50	60	20.0%	0	8	6	14
35-0000	Food Preparation & Serving Related Occupations	N/A	5,360	6,570	22.6%	121	463	618	1,202
35-1000	Supervisors, Food Preparation & Serving Workers	N/A	550	700	27.3%	14	28	64	106

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35-1011	Chefs & Head Cooks	WK EXP	20	30	50.0%	1	1	3	5
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	530	670	26.4%	14	27	61	102
35-2000	Cooks & Food Preparation Workers	N/A	950	1,210	27.4%	26	68	94	188
35-2012	Cooks, Institution & Cafeteria	ST OJT	160	160	0.0%	0	9	14	23
35-2014	Cooks, Restaurant	MT OJT	530	790	49.1%	26	39	57	122
35-2021	Food Preparation Workers	ST OJT	220	210	-4.5%	0	17	20	37
35-3000	Food & Beverage Serving Workers	N/A	3,280	3,950	20.4%	66	307	400	773
35-3023	Fast Food & Counter Workers	ST OJT	1,980	2,340	18.2%	36	210	228	474
35-3031	Waiters & Waitresses	ST OJT	970	1,190	22.7%	21	79	129	229
35-9000	Other Food Preparation & Serving Related Workers	N/A	580	720	24.1%	14	60	61	135
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	180	230	27.8%	4	18	18	40
35-9021	Dishwashers	ST OJT	200	240	20.0%	4	17	19	40
37-0000	Building & Grounds Cleaning & Maintenance Occupations	N/A	2,460	2,600	5.7%	14	144	186	344
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	N/A	130	130	0.0%	1	5	9	15
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	80	80	0.0%	0	3	6	9
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	50	50	0.0%	1	2	4	7
37-2000	Building Cleaning & Pest Control Workers	N/A	1,680	1,760	4.8%	8	109	118	235
37-2011	Janitors & Cleaners	ST OJT	1,110	1,170	5.4%	6	71	80	157
37-3000	Grounds Maintenance Workers	N/A	650	710	9.2%	6	29	58	93
37-3011	Landscaping & Groundskeeping Workers	ST OJT	640	700	9.4%	6	29	57	92
39-0000	Personal Care & Service Occupations	N/A	1,540	1,840	19.5%	29	103	128	260
39-1000	Supervisors, Personal Care & Service Workers	N/A	90	110	22.2%	2	4	7	13
39-1098	Supervisors - Personal Svc/Entertain't/Recr'n Workers	WK EXP	90	110	22.2%	2	4	7	13
39-2000	Animal Care & Service Workers	N/A	130	170	30.8%	5	9	12	26
39-3000	Entertainment Attendants & Related Workers	N/A	80	110	37.5%	3	10	10	23
39-3091	Amusement & Recreation Attendants	ST OJT	60	90	50.0%	2	7	8	17
39-4000	Funeral Service Workers	N/A	30	30	0.0%	0	2	2	4
39-5000	Personal Appearance Workers	N/A	340	450	32.4%	11	20	22	53
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	300	400	33.3%	10	19	20	49
39-9000	Other Personal Care & Service Workers	N/A	860	940	9.3%	8	57	73	138
39-9011	Childcare Workers	ST OJT	490	490	0.0%	0	33	34	67
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	140	200	42.9%	6	10	16	32
39-9032	Recreation Workers	ST OJT	210	240	14.3%	3	13	21	37
41-0000	Sales & Related Occupations	N/A	5,910	6,150	4.1%	25	328	484	837
41-1000	Supervisors - Sales Workers	N/A	870	890	2.3%	2	30	59	91

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41-1011	Supervisors - Retail Sales Workers	WK EXP	730	740	1.4%	1	26	51	78
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	140	150	7.1%	1	4	9	14
41-2000	Retail Sales Workers	N/A	3,740	3,830	2.4%	9	256	330	595
41-2011	Cashiers	ST OJT	1,710	1,640	-4.1%	-7	142	160	295
41-2021	Counter & Rental Clerks	ST OJT	270	280	3.7%	1	12	19	32
41-2022	Parts Salespersons	MT OJT	90	100	11.1%	1	4	7	12
41-2031	Retail Salespersons	ST OJT	1,670	1,810	8.4%	14	97	144	255
41-3000	Sales Representatives, Services	N/A	690	770	11.6%	8	20	55	83
41-3021	Insurance Sales Agents	MT OJT	170	190	11.8%	2	6	10	18
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	130	150	15.4%	2	3	9	14
41-3091	Sales Representatives - Services	MT OJT	350	390	11.4%	4	9	32	45
41-4000	Sales Representatives, Wholesale & Manufacturing	N/A	290	320	10.3%	3	9	21	33
41-4011	Sales Representatives, Technical & Scientific Products	BD+	70	80	14.3%	0	2	5	7
41-4012	Sales Representatives	MT OJT	220	240	9.1%	3	7	16	26
41-9000	Other Sales & Related Workers	N/A	320	350	9.4%	3	13	19	35
41-9022	Real Estate Sales Agents	MT OJT	220	240	9.1%	2	10	10	22
43-0000	Office & Administrative Support Occupations	N/A	9,390	8,940	-4.8%	-46	460	560	974
43-1000	Supervisors - Office & Administrative Support Workers	N/A	540	540	0.0%	0	20	33	53
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	540	540	0.0%	0	20	33	53
43-3000	Financial Clerks	N/A	1,180	1,130	-4.2%	-6	58	65	117
43-3011	Bill & Account Collectors	MT OJT	40	40	0.0%	0	1	3	4
43-3021	Billing & Posting Clerks	MT OJT	140	150	7.1%	1	6	9	16
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	670	630	-6.0%	-4	38	33	67
43-3051	Payroll & Timekeeping Clerks	MT OJT	40	30	-25.0%	0	2	2	4
43-3071	Tellers	ST OJT	270	250	-7.4%	-2	10	16	24
43-4000	Information & Record Clerks	N/A	2,310	2,320	0.4%	1	120	170	291
43-4031	Court, Municipal & License Clerks	LT OJT	20	20	0.0%	0	1	1	2
43-4051	Customer Service Representatives	ST OJT	1,040	1,050	1.0%	0	49	82	131
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	120	110	-8.3%	-1	6	12	17
43-4131	Loan Interviewers & Clerks	ST OJT	40	40	0.0%	0	1	2	3
43-4151	Order Clerks	PS	40	40	0.0%	-1	2	2	3
43-4161	Human Resources Assistants	AD	70	70	0.0%	-1	3	4	6
43-4171	Receptionists & Information Clerks	ST OJT	490	550	12.2%	6	29	36	71
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	N/A	570	560	-1.8%	0	20	28	48
43-5032	Dispatchers	MT OJT	60	60	0.0%	0	2	3	5

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43-5051	Postal Service Clerks	ST OJT	40	40	0.0%	0	2	1	3
43-5052	Postal Service Mail Carriers	ST OJT	140	130	-7.1%	0	5	5	10
43-5061	Production, Planning & Expediting Clerks	MT OJT	50	50	0.0%	0	2	3	5
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	150	130	-13.3%	-1	5	8	12
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	10	10	0.0%	0	0	1	1
43-6000	Secretaries & Administrative Assistants	N/A	2,450	2,170	-11.4%	-28	117	129	218
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	530	400	-24.5%	-13	24	26	37
43-6012	Legal Secretaries	MT OJT	40	30	-25.0%	-1	2	2	3
43-6013	Medical Secretaries	MT OJT	200	240	20.0%	4	11	12	27
43-6014	Secretaries	ST OJT	1,680	1,490	-11.3%	-19	81	89	151
43-9000	Other Office & Administrative Support Workers	N/A	2,340	2,220	-5.1%	-13	124	135	246
43-9021	Data Entry Keyers	ST OJT	10	10	0.0%	0	0	1	1
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	10	10	0.0%	0	0	1	1
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	30	30	0.0%	0	2	2	4
43-9061	Office Clerks, General	ST OJT	2,220	2,100	-5.4%	-11	118	128	235
43-9071	Office Machine Operators	ST OJT	10	10	0.0%	0	0	0	0
45-0000	Farming, Fishing & Forestry Occupations	N/A	850	860	1.2%	1	36	97	134
45-2000	Agricultural Workers	N/A	720	720	0.0%	1	30	82	113
45-2021	Animal Breeders	ST OJT	10	10	0.0%	0	0	1	1
45-2041	Graders & Sorters, Agricultural Products	ST OJT	10	10	0.0%	0	0	1	1
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	390	390	0.0%	0	16	45	61
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	240	240	0.0%	0	10	27	37
47-0000	Construction & Extraction Occupations	N/A	3,100	3,280	5.8%	18	97	215	330
47-1000	Supervisors - Construction & Extraction Workers	N/A	390	410	5.1%	2	11	26	39
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	390	410	5.1%	2	11	26	39
47-2000	Construction Trades Workers	N/A	2,180	2,330	6.9%	15	66	150	231
47-2031	Carpenters	LT OJT	660	690	4.5%	3	20	42	65
47-2061	Construction Laborers	ST OJT	450	500	11.1%	4	14	32	50
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	270	300	11.1%	3	9	20	32
47-2111	Electricians	LT OJT	170	170	0.0%	1	5	12	18
47-2141	Painters, Construction & Maintenance	MT OJT	120	130	8.3%	1	4	7	12
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	150	150	0.0%	1	4	11	16
47-3000	Helpers, Construction Trades	N/A	60	60	0.0%	0	2	5	7
47-4000	Other Construction & Related Workers	N/A	310	310	0.0%	0	13	20	33
47-4011	Construction & Building Inspectors	WK EXP	90	80	-11.1%	-1	5	5	9

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47-4051	Highway Maintenance Workers	MT OJT	160	170	6.2%	1	6	10	17
47-5000	Extraction Workers	N/A	170	170	0.0%	0	5	14	19
47-5097	Earth Drillers, Explosives Workers & Ordnance Handlers	WK EXP	30	30	0.0%	0	1	2	3
49-0000	Installation, Maintenance & Repair Occupations	N/A	2,890	3,000	3.8%	11	95	184	290
49-1000	Supervisors - Installation, Maintenance & Repair Workers	N/A	220	240	9.1%	2	7	14	23
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	220	240	9.1%	2	7	14	23
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	N/A	160	120	-25.0%	-3	5	10	12
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	10	10	0.0%	0	0	1	1
49-2022	Telecommunications Equipment Installers & Repairers	PS+	100	70	-30.0%	-3	3	6	6
49-2098	Security & Fire Alarm Systems Installers	MT OJT	20	20	0.0%	0	0	1	1
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	N/A	640	660	3.1%	2	20	44	66
49-3021	Automotive Body & Related Repairers	LT OJT	40	40	0.0%	0	1	2	3
49-3023	Automotive Service Technicians & Mechanics	PS	330	330	0.0%	0	10	22	32
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	70	80	14.3%	1	2	4	7
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	70	70	0.0%	1	2	5	8
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	20	20	0.0%	0	1	1	2
49-9000	Other Installation, Maintenance & Repair Occupations	N/A	1,870	1,970	5.3%	10	64	116	190
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	300	310	3.3%	2	8	21	31
49-9041	Industrial Machinery Mechanics	LT OJT	130	170	30.8%	4	5	8	17
49-9043	Maintenance Workers, Machinery	LT OJT	20	20	0.0%	0	1	1	2
49-9071	Maintenance & Repair Workers, General	MT OJT	1,280	1,320	3.1%	4	46	76	126
49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	30	30	0.0%	0	1	2	3
51-0000	Production Occupations	N/A	2,930	2,920	-0.3%	-1	110	203	312
51-1000	Supervisors - Production Workers	N/A	200	220	10.0%	1	6	14	21
51-1011	Supervisors - Production & Operating Workers	WK EXP	200	220	10.0%	1	6	14	21
51-2000	Assemblers & Fabricators	N/A	930	890	-4.3%	-4	35	62	93
51-2028	Electrical, Electronic, & Electromechanical Assemblers	MT OJT	420	410	-2.4%	0	17	26	43
51-2031	Engine & Other Machine Assemblers	MT OJT	10	10	0.0%	0	0	1	1
51-2090	Misc. Assemblers & Fabricators	MT OJT	480	440	-8.3%	-4	18	33	47
51-3000	Food Processing Workers	N/A	180	190	5.6%	1	10	14	25
51-3011	Bakers	LT OJT	60	70	16.7%	1	4	5	10
51-3021	Butchers & Meat Cutters	LT OJT	30	30	0.0%	0	1	2	3
51-3092	Food Batchmakers	MT OJT	20	20	0.0%	0	1	2	3
51-4000	Metal Workers & Plastic Workers	N/A	430	450	4.7%	1	14	31	46
51-4041	Machinists	LT OJT	200	200	0.0%	1	7	14	22

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51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	50	60	20.0%	1	1	4	6
51-5100	Printing Workers	N/A	70	70	0.0%	0	3	5	8
51-5112	Printing Press Operators	MT OJT	50	50	0.0%	0	2	4	6
51-6000	Textile, Apparel & Furnishings Workers	N/A	110	110	0.0%	0	7	7	14
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	60	70	16.7%	0	4	4	8
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	20	20	0.0%	0	1	1	2
51-7000	Woodworkers	N/A	170	180	5.9%	1	7	10	18
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	150	160	6.7%	1	6	9	16
51-8000	Plant & System Operators	N/A	130	130	0.0%	0	4	8	12
51-8013	Power Plant Operators	LT OJT	40	40	0.0%	0	1	2	3
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	80	70	-12.5%	0	2	5	7
51-9000	Other Production Occupations	N/A	700	700	0.0%	0	26	52	78
51-9021	Crushing, Grinding & Polishing Machine Operators	MT OJT	10	10	0.0%	0	0	1	1
51-9023	Mixing & Blending Machine Operators	MT OJT	30	30	0.0%	0	1	2	3
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	150	120	-20.0%	-2	5	11	14
51-9124	Coating, Painting & Spraying Machine Setters/Oprs/Tenders	MT OJT	70	80	14.3%	0	2	5	7
51-9161	CNC Tool Operators	MT OJT	100	100	0.0%	0	3	7	10
51-9198	Helpers--Production Workers	ST OJT	20	20	0.0%	0	1	2	3
51-9199	Production Workers, Other	MT OJT	40	50	25.0%	0	2	3	5
53-0000	Transportation & Material Moving Occupations	N/A	3,730	4,140	11.0%	41	194	300	535
53-1000	Supervisors - Transportation & Material Moving Workers	N/A	200	210	5.0%	1	8	14	23
53-2000	Air Transportation Workers	N/A	20	20	0.0%	0	1	1	2
53-2012	Commercial Pilots	MT OJT	10	20	100.0%	0	1	1	2
53-3000	Motor Vehicle Operators	N/A	1,720	1,970	14.5%	25	92	114	231
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	830	870	4.8%	4	35	58	97
53-3033	Light Truck or Delivery Services Drivers	ST OJT	280	310	10.7%	2	12	20	34
53-3058	Passenger Vehicle Drivers	ST OJT	470	640	36.2%	17	37	28	82
53-4000	Rail Transportation Workers	N/A	20	20	0.0%	0	0	1	1
53-4031	Railroad Conductors & Yardmasters	MT OJT	10	10	0.0%	0	0	1	1
53-6000	Other Transportation Workers	N/A	80	90	12.5%	1	4	8	13
53-6031	Automotive & Watercraft Service Attendants	ST OJT	60	60	0.0%	0	3	5	8
53-7000	Material Moving Workers	N/A	1,690	1,830	8.3%	14	89	162	265
53-7051	Industrial Truck & Tractor Operators	ST OJT	50	50	0.0%	0	2	4	6
53-7061	Cleaners of Vehicles & Equipment	ST OJT	90	100	11.1%	1	5	8	14
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	470	490	4.3%	2	21	42	65

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53-7064	Packers & Packagers, Hand	ST OJT	100	90	-10.0%	-1	5	8	12
53-7065	Stockers & Order Fillers	ST OJT	860	970	12.8%	11	52	89	152
53-7081	Refuse & Recyclable Material Collectors	ST OJT	80	80	0.0%	0	3	7	10

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.