

**Erie 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 <sup>1/</sup>	Due to Exits <sup>2/</sup>	Due to Transfers <sup>3/</sup>	Total Demand <sup>4/</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	N/A	<b>121,600</b>	<b>128,720</b>	<b>5.9%</b>	<b>712</b>	<b>5,609</b>	<b>8,324</b>	<b>14,645</b>
<b>11-0000</b>	<b>Management Occupations</b>	N/A	<b>5,760</b>	<b>6,120</b>	<b>6.2%</b>	<b>36</b>	<b>158</b>	<b>318</b>	<b>512</b>
<b>11-1000</b>	<b>Top Executives</b>	N/A	<b>2,200</b>	<b>2,280</b>	<b>3.6%</b>	<b>8</b>	<b>47</b>	<b>131</b>	<b>186</b>
11-1011	Chief Executives	BD+	350	320	-8.6%	-3	9	13	19
11-1021	General & Operations Managers	BD+	1,830	1,940	6.0%	11	38	117	166
11-1031	Legislators	BD+	20	20	0.0%	0	0	1	1
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations &amp; Sales Managers</b>	N/A	<b>210</b>	<b>220</b>	<b>4.8%</b>	<b>1</b>	<b>4</b>	<b>14</b>	<b>19</b>
11-2021	Marketing Managers	BD+	80	90	12.5%	0	2	5	7
11-2022	Sales Managers	BD+	100	110	10.0%	0	2	7	9
<b>11-3000</b>	<b>Operations Specialties Managers</b>	N/A	<b>1,060</b>	<b>1,140</b>	<b>7.5%</b>	<b>8</b>	<b>23</b>	<b>57</b>	<b>88</b>
11-3010	Administrative Services & Facilities Managers	BD+	120	130	8.3%	1	4	6	11
11-3021	Computer & Information Systems Managers	BD+	160	170	6.2%	1	3	9	13
11-3031	Financial Managers	BD+	340	390	14.7%	5	8	18	31
11-3051	Industrial Production Managers	BD+	220	230	4.5%	1	4	11	16
11-3061	Purchasing Managers	BD+	40	40	0.0%	0	1	2	3
11-3071	Transportation, Storage & Distribution Managers	WK EXP	30	30	0.0%	0	1	2	3
11-3121	Human Resources Managers	BD+	100	100	0.0%	0	2	5	7
<b>11-9000</b>	<b>Other Management Occupations</b>	N/A	<b>2,300</b>	<b>2,480</b>	<b>7.8%</b>	<b>18</b>	<b>83</b>	<b>117</b>	<b>218</b>
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	580	570	-1.7%	-1	35	20	54
11-9021	Construction Managers	BD+	80	90	12.5%	1	2	4	7
11-9031	Education Admin., Preschool & Childcare Center/Program	BD+	80	80	0.0%	0	2	4	6
11-9032	Education Administrators, Elementary & Secondary School	MD+	200	220	10.0%	2	5	10	17
11-9033	Education Administrators, Postsecondary	MD+	90	90	0.0%	1	2	4	7
11-9039	Education Administrators, Other	BD+	20	20	0.0%	0	0	1	1
11-9041	Architectural & Engineering Managers	BD+	80	80	0.0%	0	2	4	6
11-9051	Food Service Managers	WK EXP	220	250	13.6%	3	7	19	29
11-9081	Lodging Managers	WK EXP	30	40	33.3%	1	1	2	4
11-9111	Medical & Health Services Managers	BD+	380	490	28.9%	11	11	22	44
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	90	90	0.0%	0	3	3	6
11-9151	Social & Community Service Managers	BD+	240	250	4.2%	1	7	13	21
11-9171	Funeral Home Managers	AD+	10	10	0.0%	0	0	1	1
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	160	170	6.2%	1	4	8	13
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	N/A	<b>4,490</b>	<b>4,620</b>	<b>2.9%</b>	<b>12</b>	<b>121</b>	<b>266</b>	<b>399</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	N/A	<b>2,480</b>	<b>2,550</b>	<b>2.8%</b>	<b>7</b>	<b>68</b>	<b>154</b>	<b>229</b>

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13-1020	Buyers & Purchasing Agents	BD+	290	260	-10.3%	-2	9	18	25
13-1041	Compliance Officers	BD+	140	150	7.1%	0	4	8	12
13-1051	Cost Estimators	BD+	130	130	0.0%	0	4	8	12
13-1071	Human Resources Specialists	BD	390	400	2.6%	1	11	26	38
13-1075	Labor Relations Specialists	BD+	60	30	-50.0%	-3	1	3	1
13-1081	Logisticians	BD	50	60	20.0%	1	1	4	6
13-1111	Management Analysts	BD+	170	190	11.8%	2	6	10	18
13-1121	Meeting, Convention & Event Planners	BD	50	50	0.0%	0	2	4	6
13-1131	Fundraisers	BD	60	60	0.0%	0	2	4	6
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	40	40	0.0%	0	1	2	3
13-1151	Training & Development Specialists	BD+	170	180	5.9%	1	5	11	17
13-1161	Market Research Analysts & Marketing Specialists	BD	350	410	17.1%	6	9	28	43
13-1198	Project Mgmt & Other Business Oprs Specialists	BD	340	350	2.9%	1	8	17	26
<b>13-2000</b>	<b>Financial Specialists</b>	<b>N/A</b>	<b>2,020</b>	<b>2,070</b>	<b>2.5%</b>	<b>5</b>	<b>53</b>	<b>112</b>	<b>170</b>
13-2011	Accountants & Auditors	BD	960	990	3.1%	4	27	58	89
13-2020	Property Appraisers & Assessors	BD+	80	90	12.5%	0	3	3	6
13-2031	Budget Analysts	BD	10	10	0.0%	0	0	1	1
13-2052	Personal Financial Advisors	BD+	220	230	4.5%	1	5	11	17
13-2072	Loan Officers	BD+	220	230	4.5%	1	5	12	18
13-2081	Tax Examiners, Collectors & Revenue Agents	BD+	70	70	0.0%	0	2	3	5
13-2098	Financial, Investment & Risk Specialists, All Other	BD	160	160	0.0%	0	3	9	12
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>N/A</b>	<b>1,710</b>	<b>1,870</b>	<b>9.4%</b>	<b>16</b>	<b>36</b>	<b>88</b>	<b>140</b>
15-1211	Computer Systems Analysts	BD	280	290	3.6%	0	6	14	20
15-1212	Information Security Analysts	BD+	20	20	0.0%	0	0	1	1
15-1231	Computer Network Support Specialists	AD	40	50	25.0%	0	1	2	3
15-1232	Computer User Support Specialists	PS	370	400	8.1%	3	7	20	30
15-1241	Computer Network Architects	BD+	20	30	50.0%	0	0	1	1
15-1244	Network & Computer Systems Administrators	BD	170	160	-5.9%	0	3	8	11
15-1251	Computer Programmers	BD	70	70	0.0%	0	1	3	4
15-1256	Software Developers & QA Analysts	BD	290	370	27.6%	8	8	16	32
15-1257	Web & Digital Interface Designers	BD	60	70	16.7%	0	2	3	5
15-1299	Computer Occupations, All Other	BD	180	190	5.6%	1	4	9	14
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>N/A</b>	<b>1,680</b>	<b>1,780</b>	<b>6.0%</b>	<b>10</b>	<b>40</b>	<b>82</b>	<b>132</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>N/A</b>	<b>60</b>	<b>60</b>	<b>0.0%</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>5</b>
17-1011	Architects	BD+	50	50	0.0%	0	1	2	3

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<b>17-2000</b>	<b>Engineers</b>	N/A	<b>1,160</b>	<b>1,270</b>	<b>9.5%</b>	<b>10</b>	<b>24</b>	<b>50</b>	<b>84</b>
17-2011	Aerospace Engineers	BD	10	10	0.0%	0	0	0	0
17-2041	Chemical Engineers	BD	20	30	50.0%	0	0	1	1
17-2051	Civil Engineers	BD	80	90	12.5%	0	2	4	6
17-2071	Electrical Engineers	BD	150	160	6.7%	2	4	6	12
17-2081	Environmental Engineers	BD	10	10	0.0%	0	0	1	1
17-2112	Industrial Engineers	BD	260	290	11.5%	3	6	11	20
17-2131	Materials Engineers	BD	90	90	0.0%	0	2	4	6
17-2141	Mechanical Engineers	BD	440	480	9.1%	4	8	19	31
17-2199	Engineers, Other	BD	50	50	0.0%	0	1	2	3
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	N/A	<b>450</b>	<b>450</b>	<b>0.0%</b>	<b>0</b>	<b>14</b>	<b>29</b>	<b>43</b>
17-3012	Electrical & Electronics Drafters	AD	20	20	0.0%	0	0	1	1
17-3013	Mechanical Drafters	AD	70	70	0.0%	0	2	5	7
17-3022	Civil Engineering Technicians	AD	10	10	0.0%	0	0	1	1
17-3023	Electrical & Electronic Engineering Technicians	AD	60	50	-16.7%	0	2	3	5
17-3026	Industrial Engineering Technicians	AD	30	30	0.0%	0	1	2	3
17-3031	Surveying & Mapping Technicians	MT OJT	40	40	0.0%	0	2	4	6
17-3098	Calibration & Engineering Techs, All Other	AD	80	80	0.0%	0	2	5	7
<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	N/A	<b>740</b>	<b>760</b>	<b>2.7%</b>	<b>2</b>	<b>17</b>	<b>47</b>	<b>66</b>
<b>19-1000</b>	<b>Life Scientists</b>	N/A	<b>60</b>	<b>70</b>	<b>16.7%</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>5</b>
19-1013	Soil & Plant Scientists	BD	10	10	0.0%	0	0	0	0
19-1031	Conservation Scientists	BD	20	20	0.0%	0	0	1	1
<b>19-2000</b>	<b>Physical Scientists</b>	N/A	<b>90</b>	<b>90</b>	<b>0.0%</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>7</b>
19-2031	Chemists	BD	30	30	0.0%	0	0	2	2
19-2041	Environmental Scientists & Specialists	BD	30	30	0.0%	0	0	2	2
19-2099	Physical Scientists, Other	BD	10	10	0.0%	0	0	0	0
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	N/A	<b>310</b>	<b>320</b>	<b>3.2%</b>	<b>1</b>	<b>8</b>	<b>14</b>	<b>23</b>
19-3051	Urban & Regional Planners	MD	10	10	0.0%	0	0	1	1
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Technicians</b>	N/A	<b>170</b>	<b>180</b>	<b>5.9%</b>	<b>0</b>	<b>4</b>	<b>17</b>	<b>21</b>
19-4031	Chemical Technicians	AD+	40	40	0.0%	0	1	3	4
19-4061	Social Science Research Assistants	BD	40	40	0.0%	0	1	4	5
<b>19-5000</b>	<b>Occupational Health &amp; Safety Specialists &amp; Technicians</b>	N/A	<b>110</b>	<b>110</b>	<b>0.0%</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>9</b>
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	N/A	<b>3,070</b>	<b>3,200</b>	<b>4.2%</b>	<b>13</b>	<b>103</b>	<b>200</b>	<b>316</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Community Service Specialists</b>	N/A	<b>2,640</b>	<b>2,770</b>	<b>4.9%</b>	<b>14</b>	<b>84</b>	<b>172</b>	<b>270</b>
21-1012	Educational, Guidance, School & Vocational Counselors	MD	140	150	7.1%	1	5	9	15

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21-1015	Rehabilitation Counselors	MD	180	180	0.0%	0	6	11	17
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	BD	580	630	8.6%	5	20	36	61
21-1021	Child, Family & School Social Workers	BD	520	540	3.8%	2	15	34	51
21-1022	Healthcare Social Workers	MD+	310	330	6.5%	2	9	20	31
21-1023	Mental Health & Substance Abuse Social Workers	MD+	140	150	7.1%	0	4	9	13
21-1029	Social Workers, Other	BD	50	50	0.0%	0	2	3	5
21-1091	Health Educators	BD	30	30	0.0%	0	1	2	3
21-1092	Probation Officers & Correctional Treatment Specialists	BD	150	160	6.7%	1	3	9	13
21-1093	Social & Human Service Assistants	ST OJT	370	390	5.4%	2	15	29	46
21-1094	Community Health Workers	ST OJT	60	70	16.7%	1	2	4	7
21-1099	Community & Social Service Specialists, Other	BD	40	40	0.0%	0	1	2	3
<b>21-2000</b>	<b>Religious Workers</b>	<b>N/A</b>	<b>430</b>	<b>430</b>	<b>0.0%</b>	<b>-1</b>	<b>19</b>	<b>28</b>	<b>46</b>
21-2011	Clergy	BD+	240	230	-4.2%	0	10	14	24
<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>N/A</b>	<b>350</b>	<b>390</b>	<b>11.4%</b>	<b>4</b>	<b>8</b>	<b>9</b>	<b>21</b>
23-1011	Lawyers	DOCT	320	360	12.5%	4	7	8	19
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>N/A</b>	<b>170</b>	<b>200</b>	<b>17.6%</b>	<b>2</b>	<b>7</b>	<b>12</b>	<b>21</b>
23-2011	Paralegals & Legal Assistants	AD	120	140	16.7%	2	5	8	15
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>N/A</b>	<b>6,990</b>	<b>7,600</b>	<b>8.7%</b>	<b>61</b>	<b>286</b>	<b>329</b>	<b>676</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>N/A</b>	<b>1,280</b>	<b>1,440</b>	<b>12.5%</b>	<b>16</b>	<b>60</b>	<b>64</b>	<b>140</b>
25-1011	Business Teachers, Postsecondary	DOCT	90	90	0.0%	1	4	4	9
25-1021	Computer Science Teachers, Postsecondary	DOCT	30	30	0.0%	0	1	1	2
25-1022	Mathematical Science Teachers, Postsecondary	DOCT	30	40	33.3%	0	2	2	4
25-1042	Biological Science Teachers, Postsecondary	DOCT	60	70	16.7%	1	3	3	7
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	DOCT	40	50	25.0%	0	2	2	4
25-1052	Chemistry Teachers, Postsecondary	DOCT	20	30	50.0%	0	1	1	2
25-1054	Physics Teachers, Postsecondary	DOCT	20	20	0.0%	0	1	1	2
25-1063	Economics Teachers, Postsecondary	DOCT	10	10	0.0%	0	1	1	2
25-1065	Political Science Teachers, Postsecondary	DOCT	10	10	0.0%	0	0	0	0
25-1066	Psychology Teachers, Postsecondary	DOCT	80	90	12.5%	1	4	4	9
25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	70	90	28.6%	2	4	4	10
25-1081	Education Teachers, Postsecondary	DOCT	50	50	0.0%	0	2	2	4
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	100	110	10.0%	1	5	5	11
25-1122	Communications Teachers, Postsecondary	DOCT	20	20	0.0%	0	1	1	2
25-1123	English Language & Literature Teachers, Postsecondary	DOCT	60	60	0.0%	1	3	3	7
25-1125	History Teachers, Postsecondary	DOCT	20	30	50.0%	0	1	1	2

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25-1193	Recreation & Fitness Studies Teachers, Postsecondary	DOCT	20	20	0.0%	0	1	1	2
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	N/A	<b>3,620</b>	<b>3,930</b>	<b>8.6%</b>	<b>31</b>	<b>117</b>	<b>160</b>	<b>308</b>
25-2011	Preschool Teachers	AD	300	310	3.3%	1	12	18	31
25-2021	Elementary School Teachers	BD	1,000	1,100	10.0%	10	32	42	84
25-2022	Middle School Teachers	BD	750	820	9.3%	7	24	31	62
25-2031	Secondary School Teachers	BD	930	1,000	7.5%	7	26	39	72
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	170	190	11.8%	2	6	7	15
25-2058	Special Education Teachers, Secondary School	BD	130	150	15.4%	1	5	6	12
<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	N/A	<b>640</b>	<b>680</b>	<b>6.2%</b>	<b>4</b>	<b>39</b>	<b>35</b>	<b>78</b>
25-3011	Adult Basic & Secondary Education & Literacy Teachers	BD	20	20	0.0%	0	1	1	2
25-3021	Self-Enrichment Education Teachers	WK EXP	190	200	5.3%	1	12	10	23
25-3031	Substitute Teachers, Short-Term	BD	360	390	8.3%	3	22	20	45
25-3097	Teachers & Instructors, Other	BD	70	70	0.0%	0	4	4	8
<b>25-4000</b>	<b>Librarians, Curators &amp; Archivists</b>	N/A	<b>130</b>	<b>140</b>	<b>7.7%</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>15</b>
25-4022	Librarians & Media Collections Specialists	MD	90	90	0.0%	0	4	4	8
25-4031	Library Technicians	PS	20	20	0.0%	0	2	1	3
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	N/A	<b>1,320</b>	<b>1,420</b>	<b>7.6%</b>	<b>10</b>	<b>62</b>	<b>63</b>	<b>135</b>
25-9031	Instructional Coordinators	MD+	160	170	6.2%	1	8	7	16
25-9045	Teaching Assistants, Non-Postsecondary	PS	1,070	1,160	8.4%	8	50	52	110
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	N/A	<b>1,380</b>	<b>1,480</b>	<b>7.2%</b>	<b>10</b>	<b>53</b>	<b>90</b>	<b>153</b>
<b>27-1000</b>	<b>Art &amp; Design Workers</b>	N/A	<b>410</b>	<b>400</b>	<b>-2.4%</b>	<b>-1</b>	<b>13</b>	<b>24</b>	<b>36</b>
27-1011	Art Directors	BD+	40	40	0.0%	0	2	2	4
27-1021	Commercial & Industrial Designers	BD	20	20	0.0%	0	0	1	1
27-1023	Floral Designers	MT OJT	30	30	0.0%	0	1	2	3
27-1024	Graphic Designers	BD	220	210	-4.5%	-1	6	13	18
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	70	70	0.0%	0	2	4	6
<b>27-2000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	N/A	<b>400</b>	<b>470</b>	<b>17.5%</b>	<b>6</b>	<b>22</b>	<b>29</b>	<b>57</b>
27-2012	Producers & Directors	BD+	80	100	25.0%	2	2	5	9
27-2022	Coaches & Scouts	BD	130	150	15.4%	2	8	11	21
27-2041	Music Directors & Composers	BD+	50	50	0.0%	0	3	3	6
27-2042	Musicians & Singers	LT OJT	120	120	0.0%	0	7	7	14
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	N/A	<b>380</b>	<b>400</b>	<b>5.3%</b>	<b>2</b>	<b>12</b>	<b>24</b>	<b>38</b>
27-3011	Radio & Television Announcers	BD	20	20	0.0%	0	1	1	2
27-3031	Public Relations Specialists	BD	140	150	7.1%	1	4	9	14
27-3041	Editors	BD+	40	40	0.0%	0	1	2	3

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27-3042	Technical Writers	BD+	20	20	0.0%	0	0	1	1
27-3092	Court Reporters & Simultaneous Captioners	PS	20	20	0.0%	0	1	1	2
<b>27-4000</b>	<b>Media &amp; Communication Equipment Workers</b>	N/A	<b>190</b>	<b>210</b>	<b>10.5%</b>	<b>2</b>	<b>6</b>	<b>13</b>	<b>21</b>
27-4012	Broadcast Technicians	AD	30	40	33.3%	0	1	3	4
27-4021	Photographers	MT OJT	100	110	10.0%	1	4	6	11
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	N/A	<b>8,830</b>	<b>9,470</b>	<b>7.2%</b>	<b>64</b>	<b>232</b>	<b>271</b>	<b>567</b>
<b>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	N/A	<b>5,930</b>	<b>6,360</b>	<b>7.3%</b>	<b>43</b>	<b>144</b>	<b>145</b>	<b>332</b>
29-1031	Dietitians & Nutritionists	BD+	150	160	6.7%	1	5	6	12
29-1041	Optometrists	DOCT	30	30	0.0%	0	0	0	0
29-1051	Pharmacists	DOCT	260	240	-7.7%	-2	5	5	8
29-1081	Podiatrists	DOCT	20	20	0.0%	0	0	1	1
29-1122	Occupational Therapists	MD	200	240	20.0%	4	5	7	16
29-1123	Physical Therapists	DOCT	230	290	26.1%	6	5	5	16
29-1126	Respiratory Therapists	AD	160	190	18.8%	3	4	4	11
29-1127	Speech-Language Pathologists	MD+	150	210	40.0%	6	4	6	16
29-1141	Registered Nurses	BD	3,050	3,190	4.6%	14	83	78	175
29-1171	Nurse Practitioners	MD	90	130	44.4%	4	2	3	9
29-1228	Physicians & Ophthalmologists, All Other	DOCT	680	660	-2.9%	-2	11	8	17
29-1292	Dental Hygienists	AD	150	160	6.7%	0	6	4	10
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	N/A	<b>2,840</b>	<b>3,050</b>	<b>7.4%</b>	<b>21</b>	<b>86</b>	<b>124</b>	<b>231</b>
29-2010	Clinical Laboratory Technologists & Technicians	BD	240	250	4.2%	0	6	9	15
29-2031	Cardiovascular Technologists & Technicians	AD	110	110	0.0%	0	3	5	8
29-2032	Diagnostic Medical Sonographers	AD	110	120	9.1%	1	3	5	9
29-2033	Nuclear Medicine Technologists	AD	20	20	0.0%	0	0	1	1
29-2034	Radiologic Technologists	AD	210	210	0.0%	0	6	9	15
29-2035	Magnetic Resonance Imaging Technologists	AD+	30	30	0.0%	0	1	1	2
29-2040	Emergency Medical Technicians & Paramedics	PS	240	260	8.3%	1	5	12	18
29-2052	Pharmacy Technicians	MT OJT	280	280	0.0%	0	8	12	20
29-2055	Surgical Technologists	PS	90	90	0.0%	0	2	4	6
29-2056	Veterinary Technologists & Technicians	AD	100	100	0.0%	0	3	4	7
29-2057	Ophthalmic Medical Technicians	PS	20	30	50.0%	1	1	1	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	1,030	1,180	14.6%	15	37	46	98
29-2081	Opticians, Dispensing	LT OJT	80	100	25.0%	1	4	3	8
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	190	190	0.0%	0	5	8	13
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	N/A	<b>60</b>	<b>60</b>	<b>0.0%</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>5</b>

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<b>31-0000</b>	<b>Healthcare Support Occupations</b>	N/A	<b>9,250</b>	<b>10,540</b>	<b>13.9%</b>	<b>129</b>	<b>604</b>	<b>585</b>	<b>1,318</b>
<b>31-1100</b>	<b>Nursing, Psychiatric, &amp; Home Health Aides</b>	N/A	<b>7,780</b>	<b>8,770</b>	<b>12.7%</b>	<b>99</b>	<b>530</b>	<b>468</b>	<b>1,097</b>
31-1120	Home Health & Personal Care Aides	ST OJT	5,840	6,660	14.0%	82	400	354	836
31-1131	Nursing Assistants	PS	1,830	1,990	8.7%	17	122	108	247
31-1132	Orderlies	ST OJT	110	110	0.0%	0	7	6	13
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	N/A	<b>310</b>	<b>480</b>	<b>54.8%</b>	<b>17</b>	<b>18</b>	<b>30</b>	<b>65</b>
31-2011	Occupational Therapy Assistants	AD	90	150	66.7%	6	6	9	21
31-2021	Physical Therapist Assistants	AD	140	210	50.0%	7	8	13	28
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	N/A	<b>1,160</b>	<b>1,290</b>	<b>11.2%</b>	<b>13</b>	<b>56</b>	<b>87</b>	<b>156</b>
31-9011	Massage Therapists	PS	130	170	30.8%	4	9	8	21
31-9091	Dental Assistants	PS	180	190	5.6%	1	8	13	22
31-9092	Medical Assistants	PS	440	510	15.9%	7	19	35	61
31-9094	Medical Transcriptionists	PS	30	20	-33.3%	-1	1	2	2
31-9097	Phlebotomists	PS	270	300	11.1%	3	12	21	36
31-9099	Healthcare Support Workers, Other	ST OJT	20	20	0.0%	0	1	1	2
<b>33-0000</b>	<b>Protective Service Occupations</b>	N/A	<b>2,390</b>	<b>2,510</b>	<b>5.0%</b>	<b>12</b>	<b>127</b>	<b>162</b>	<b>301</b>
<b>33-1000</b>	<b>Supervisors - Protective Service Workers</b>	N/A	<b>130</b>	<b>130</b>	<b>0.0%</b>	<b>1</b>	<b>4</b>	<b>6</b>	<b>11</b>
33-1012	Supervisors - Police & Detectives	WK EXP	50	50	0.0%	0	1	2	3
33-1090	Supervisors - Protective Service Workers	WK EXP	40	40	0.0%	0	2	2	4
<b>33-2000</b>	<b>Fire Fighting &amp; Prevention Workers</b>	N/A	<b>100</b>	<b>110</b>	<b>10.0%</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>7</b>
33-2011	Firefighters	PS+	100	100	0.0%	0	2	5	7
<b>33-3000</b>	<b>Law Enforcement Workers</b>	N/A	<b>1,160</b>	<b>1,160</b>	<b>0.0%</b>	<b>0</b>	<b>36</b>	<b>60</b>	<b>96</b>
33-3012	Correctional Officers & Jailers	MT OJT	500	470	-6.0%	-3	18	26	41
33-3021	Detectives & Criminal Investigators	WK EXP	70	70	0.0%	0	2	3	5
33-3051	Police & Sheriff's Patrol Officers	MT OJT	570	590	3.5%	2	14	30	46
<b>33-9000</b>	<b>Other Protective Service Workers</b>	N/A	<b>1,000</b>	<b>1,120</b>	<b>12.0%</b>	<b>12</b>	<b>85</b>	<b>90</b>	<b>187</b>
33-9021	Private Detectives & Investigators	WK EXP	20	20	0.0%	0	0	1	1
33-9032	Security Guards	ST OJT	660	630	-4.5%	-4	34	50	80
33-9091	Crossing Guards	ST OJT	50	50	0.0%	0	7	2	9
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	90	100	11.1%	1	13	11	25
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	N/A	<b>10,230</b>	<b>12,390</b>	<b>21.1%</b>	<b>216</b>	<b>854</b>	<b>1,164</b>	<b>2,234</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	N/A	<b>900</b>	<b>1,080</b>	<b>20.0%</b>	<b>18</b>	<b>43</b>	<b>101</b>	<b>162</b>
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	N/A	<b>2,220</b>	<b>2,840</b>	<b>27.9%</b>	<b>62</b>	<b>160</b>	<b>220</b>	<b>442</b>
35-2012	Cooks, Institution & Cafeteria	ST OJT	210	220	4.8%	2	13	18	33
35-2014	Cooks, Restaurant	MT OJT	1,130	1,700	50.4%	57	83	121	261

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35-2021	Food Preparation Workers	ST OJT	560	590	5.4%	4	45	53	102
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>N/A</b>	<b>6,450</b>	<b>7,640</b>	<b>18.4%</b>	<b>119</b>	<b>582</b>	<b>772</b>	<b>1,473</b>
35-3011	Bartenders	ST OJT	940	1,260	34.0%	32	50	133	215
35-3023	Fast Food & Counter Workers	ST OJT	3,690	4,210	14.1%	52	383	417	852
35-3031	Waiters & Waitresses	ST OJT	1,450	1,740	20.0%	29	117	191	337
35-3041	Food Servers, Nonrestaurant	ST OJT	370	430	16.2%	6	32	31	69
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>N/A</b>	<b>660</b>	<b>830</b>	<b>25.8%</b>	<b>16</b>	<b>70</b>	<b>70</b>	<b>156</b>
35-9021	Dishwashers	ST OJT	260	310	19.2%	6	22	24	52
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	250	300	20.0%	5	32	31	68
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>N/A</b>	<b>3,940</b>	<b>4,250</b>	<b>7.9%</b>	<b>31</b>	<b>234</b>	<b>299</b>	<b>564</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>N/A</b>	<b>280</b>	<b>290</b>	<b>3.6%</b>	<b>1</b>	<b>11</b>	<b>20</b>	<b>32</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	180	200	11.1%	1	8	13	22
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	100	100	0.0%	0	3	7	10
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>N/A</b>	<b>2,690</b>	<b>2,930</b>	<b>8.9%</b>	<b>24</b>	<b>180</b>	<b>192</b>	<b>396</b>
37-2011	Janitors & Cleaners	ST OJT	1,760	1,860	5.7%	11	113	127	251
37-2012	Maids & Housekeeping Cleaners	ST OJT	900	1,030	14.4%	13	66	62	141
37-2021	Pest Control Workers	MT OJT	30	30	0.0%	0	1	3	4
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>N/A</b>	<b>970</b>	<b>1,030</b>	<b>6.2%</b>	<b>6</b>	<b>43</b>	<b>86</b>	<b>135</b>
37-3011	Landscaping & Groundskeeping Workers	ST OJT	920	970	5.4%	6	41	81	128
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>N/A</b>	<b>3,630</b>	<b>4,090</b>	<b>12.7%</b>	<b>46</b>	<b>230</b>	<b>291</b>	<b>567</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>N/A</b>	<b>360</b>	<b>400</b>	<b>11.1%</b>	<b>4</b>	<b>14</b>	<b>26</b>	<b>44</b>
39-1013	Supervisors - Gambling Services Workers	WK EXP	50	60	20.0%	2	2	4	8
39-1098	Supervisors - Personal Svc/Entertain't/Recr'n Workers	WK EXP	320	340	6.2%	2	12	23	37
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>N/A</b>	<b>230</b>	<b>280</b>	<b>21.7%</b>	<b>5</b>	<b>16</b>	<b>21</b>	<b>42</b>
<b>39-3000</b>	<b>Entertainment Attendants &amp; Related Workers</b>	<b>N/A</b>	<b>340</b>	<b>490</b>	<b>44.1%</b>	<b>15</b>	<b>35</b>	<b>43</b>	<b>93</b>
39-3011	Gaming Dealers	ST OJT	110	160	45.5%	5	7	12	24
<b>39-4000</b>	<b>Funeral Service Workers</b>	<b>N/A</b>	<b>120</b>	<b>120</b>	<b>0.0%</b>	<b>0</b>	<b>7</b>	<b>9</b>	<b>16</b>
39-4021	Funeral Attendants	ST OJT	90	90	0.0%	0	5	7	12
39-4031	Morticians, Undertakers & Funeral Directors	AD+	30	30	0.0%	0	2	2	4
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>N/A</b>	<b>940</b>	<b>1,000</b>	<b>6.4%</b>	<b>6</b>	<b>51</b>	<b>53</b>	<b>110</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	690	720	4.3%	4	37	39	80
<b>39-9000</b>	<b>Other Personal Care &amp; Service Workers</b>	<b>N/A</b>	<b>1,630</b>	<b>1,780</b>	<b>9.2%</b>	<b>16</b>	<b>107</b>	<b>138</b>	<b>261</b>
39-9011	Childcare Workers	ST OJT	940	900	-4.3%	-4	62	64	122
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	360	510	41.7%	16	26	41	83
39-9032	Recreation Workers	ST OJT	230	270	17.4%	3	15	24	42



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39-9041	Residential Advisors	ST OJT	90	100	11.1%	0	5	8	13
39-9098	Crematory Oprs & Other Personal Service Workers	ST OJT	10	10	0.0%	0	0	0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	N/A	<b>11,380</b>	<b>11,390</b>	<b>0.1%</b>	<b>1</b>	<b>613</b>	<b>919</b>	<b>1,533</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	N/A	<b>1,770</b>	<b>1,700</b>	<b>-4.0%</b>	<b>-7</b>	<b>59</b>	<b>117</b>	<b>169</b>
41-1011	Supervisors - Retail Sales Workers	WK EXP	1,440	1,380	-4.2%	-6	50	98	142
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	330	320	-3.0%	-1	10	20	29
<b>41-2000</b>	<b>Retail Sales Workers</b>	N/A	<b>7,170</b>	<b>7,160</b>	<b>-0.1%</b>	<b>-1</b>	<b>477</b>	<b>623</b>	<b>1,099</b>
41-2011	Cashiers	ST OJT	2,870	2,800	-2.4%	-6	241	271	506
41-2012	Gaming Change Persons & Booth Cashiers	ST OJT	20	30	50.0%	1	2	2	5
41-2021	Counter & Rental Clerks	ST OJT	350	370	5.7%	3	16	25	44
41-2022	Parts Salespersons	MT OJT	230	240	4.3%	1	10	18	29
41-2031	Retail Salespersons	ST OJT	3,710	3,720	0.3%	1	208	307	516
<b>41-3000</b>	<b>Sales Representatives, Services</b>	N/A	<b>870</b>	<b>940</b>	<b>8.0%</b>	<b>7</b>	<b>25</b>	<b>66</b>	<b>98</b>
41-3021	Insurance Sales Agents	MT OJT	270	290	7.4%	2	9	16	27
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	210	230	9.5%	2	5	14	21
41-3091	Sales Representatives - Services	MT OJT	330	360	9.1%	3	9	31	43
<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	N/A	<b>1,140</b>	<b>1,190</b>	<b>4.4%</b>	<b>5</b>	<b>34</b>	<b>79</b>	<b>118</b>
41-4011	Sales Representatives, Technical & Scientific Products	BD+	70	70	0.0%	0	2	5	7
41-4012	Sales Representatives	MT OJT	1,070	1,120	4.7%	5	32	74	111
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	N/A	<b>420</b>	<b>390</b>	<b>-7.1%</b>	<b>-3</b>	<b>18</b>	<b>35</b>	<b>50</b>
41-9031	Sales Engineers	BD+	40	50	25.0%	0	1	4	5
41-9041	Telemarketers	ST OJT	230	190	-17.4%	-4	10	21	27
41-9099	Sales & Related Workers, Other	ST OJT	90	100	11.1%	1	4	8	13
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	N/A	<b>14,560</b>	<b>13,930</b>	<b>-4.3%</b>	<b>-63</b>	<b>686</b>	<b>878</b>	<b>1,501</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	N/A	<b>1,060</b>	<b>1,040</b>	<b>-1.9%</b>	<b>-2</b>	<b>39</b>	<b>64</b>	<b>101</b>
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	1,060	1,040	-1.9%	-2	39	64	101
<b>43-2000</b>	<b>Communications Equipment Operators</b>	N/A	<b>60</b>	<b>40</b>	<b>-33.3%</b>	<b>-2</b>	<b>2</b>	<b>3</b>	<b>3</b>
<b>43-3000</b>	<b>Financial Clerks</b>	N/A	<b>2,030</b>	<b>1,910</b>	<b>-5.9%</b>	<b>-12</b>	<b>99</b>	<b>111</b>	<b>198</b>
43-3011	Bill & Account Collectors	MT OJT	90	90	0.0%	0	3	6	9
43-3021	Billing & Posting Clerks	MT OJT	280	280	0.0%	0	11	17	28
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	1,080	1,030	-4.6%	-5	62	54	111
43-3051	Payroll & Timekeeping Clerks	MT OJT	120	100	-16.7%	-2	5	6	9
43-3061	Procurement Clerks	MT OJT	50	50	0.0%	0	1	3	4
43-3071	Tellers	ST OJT	390	350	-10.3%	-4	15	23	34
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	N/A	<b>3,810</b>	<b>3,830</b>	<b>0.5%</b>	<b>3</b>	<b>189</b>	<b>279</b>	<b>471</b>

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43-4031	Court, Municipal & License Clerks	LT OJT	20	20	0.0%	0	1	1	2
43-4051	Customer Service Representatives	ST OJT	1,870	1,880	0.5%	1	88	147	236
43-4061	Eligibility Interviewers, Government Programs	MT OJT	250	270	8.0%	2	10	14	26
43-4071	File Clerks	ST OJT	150	130	-13.3%	-2	8	9	15
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	150	210	40.0%	6	10	19	35
43-4111	Interviewers	ST OJT	180	160	-11.1%	-2	10	11	19
43-4121	Library Assistants, Clerical	ST OJT	90	80	-11.1%	0	8	6	14
43-4131	Loan Interviewers & Clerks	ST OJT	40	40	0.0%	0	1	2	3
43-4151	Order Clerks	PS	80	70	-12.5%	-2	3	5	6
43-4161	Human Resources Assistants	AD	110	100	-9.1%	0	4	6	10
43-4171	Receptionists & Information Clerks	ST OJT	770	770	0.0%	0	43	53	96
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>N/A</b>	<b>1,470</b>	<b>1,390</b>	<b>-5.4%</b>	<b>-8</b>	<b>53</b>	<b>74</b>	<b>119</b>
43-5021	Couriers & Messengers	ST OJT	170	140	-17.6%	-2	6	8	12
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	120	130	8.3%	1	4	7	12
43-5032	Dispatchers	MT OJT	100	110	10.0%	1	4	6	11
43-5051	Postal Service Clerks	ST OJT	60	50	-16.7%	-1	2	2	3
43-5052	Postal Service Mail Carriers	ST OJT	310	260	-16.1%	-4	10	10	16
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	70	60	-14.3%	-1	3	2	4
43-5061	Production, Planning & Expediting Clerks	MT OJT	160	160	0.0%	1	6	10	17
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	450	430	-4.4%	-2	16	26	40
<b>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>N/A</b>	<b>2,070</b>	<b>1,840</b>	<b>-11.1%</b>	<b>-23</b>	<b>100</b>	<b>109</b>	<b>186</b>
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	230	180	-21.7%	-5	10	11	16
43-6012	Legal Secretaries	MT OJT	70	60	-14.3%	-1	3	4	6
43-6013	Medical Secretaries	MT OJT	280	290	3.6%	1	14	16	31
43-6014	Secretaries	ST OJT	1,490	1,310	-12.1%	-18	71	78	131
<b>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>N/A</b>	<b>4,070</b>	<b>3,880</b>	<b>-4.7%</b>	<b>-20</b>	<b>204</b>	<b>238</b>	<b>422</b>
43-9021	Data Entry Keyers	ST OJT	130	100	-23.1%	-3	5	7	9
43-9022	Word Processors & Typists	ST OJT	170	110	-35.3%	-6	8	8	10
43-9061	Office Clerks, General	ST OJT	2,970	2,870	-3.4%	-10	159	173	322
43-9199	Office & Administrative Support Workers, Other	ST OJT	260	280	7.7%	2	11	19	32
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>N/A</b>	<b>1,080</b>	<b>1,090</b>	<b>0.9%</b>	<b>1</b>	<b>46</b>	<b>124</b>	<b>171</b>
45-2021	Animal Breeders	ST OJT	10	10	0.0%	0	0	1	1
45-2041	Graders & Sorters, Agricultural Products	ST OJT	20	20	0.0%	0	1	2	3
45-2091	Agricultural Equipment Operators	MT OJT	80	90	12.5%	1	4	9	14
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>N/A</b>	<b>4,290</b>	<b>4,510</b>	<b>5.1%</b>	<b>23</b>	<b>132</b>	<b>298</b>	<b>453</b>

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<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	N/A	<b>400</b>	<b>420</b>	<b>5.0%</b>	<b>2</b>	<b>12</b>	<b>27</b>	<b>41</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	400	420	5.0%	2	12	27	41
<b>47-2000</b>	<b>Construction Trades Workers</b>	N/A	<b>3,290</b>	<b>3,490</b>	<b>6.1%</b>	<b>20</b>	<b>99</b>	<b>227</b>	<b>346</b>
47-2021	Brickmasons & Blockmasons	LT OJT	60	50	-16.7%	0	2	3	5
47-2031	Carpenters	LT OJT	670	660	-1.5%	0	19	41	60
47-2051	Cement Masons & Concrete Finishers	MT OJT	40	40	0.0%	0	1	3	4
47-2061	Construction Laborers	ST OJT	780	840	7.7%	7	24	55	86
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	330	360	9.1%	2	11	25	38
47-2111	Electricians	LT OJT	460	510	10.9%	5	14	35	54
47-2141	Painters, Construction & Maintenance	MT OJT	190	210	10.5%	2	6	11	19
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	340	360	5.9%	2	10	25	37
47-2181	Roofers	MT OJT	70	80	14.3%	0	2	5	7
47-2211	Sheet Metal Workers	LT OJT	110	110	0.0%	0	3	7	10
47-2221	Structural Iron & Steel Workers	LT OJT	40	40	0.0%	0	1	3	4
<b>47-3000</b>	<b>Helpers, Construction Trades</b>	N/A	<b>160</b>	<b>170</b>	<b>6.2%</b>	<b>1</b>	<b>5</b>	<b>14</b>	<b>20</b>
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	ST OJT	40	40	0.0%	0	1	4	5
47-3016	Helpers--Roofers	ST OJT	30	30	0.0%	0	1	3	4
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	N/A	<b>410</b>	<b>410</b>	<b>0.0%</b>	<b>0</b>	<b>16</b>	<b>27</b>	<b>43</b>
47-4011	Construction & Building Inspectors	WK EXP	40	30	-25.0%	0	2	2	4
47-4041	Hazardous Materials Removal Workers	MT OJT	30	20	-33.3%	0	1	2	3
47-4051	Highway Maintenance Workers	MT OJT	280	290	3.6%	1	11	18	30
<b>47-5000</b>	<b>Extraction Workers</b>	N/A	<b>30</b>	<b>30</b>	<b>0.0%</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
47-5022	Excavating/Loading/Dragline Machine Oprs, Surface Mining	WK EXP	10	10	0.0%	0	0	1	1
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	N/A	<b>4,280</b>	<b>4,610</b>	<b>7.7%</b>	<b>33</b>	<b>140</b>	<b>276</b>	<b>449</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	N/A	<b>320</b>	<b>340</b>	<b>6.2%</b>	<b>2</b>	<b>10</b>	<b>20</b>	<b>32</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	320	340	6.2%	2	10	20	32
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	N/A	<b>200</b>	<b>200</b>	<b>0.0%</b>	<b>0</b>	<b>6</b>	<b>14</b>	<b>20</b>
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	70	70	0.0%	0	2	5	7
49-2022	Telecommunications Equipment Installers & Repairers	PS+	50	60	20.0%	0	2	4	6
49-2092	Electric Motor, Power Tool & Related Repairers	WK EXP	10	10	0.0%	0	0	0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	20	20	0.0%	0	1	1	2
49-2098	Security & Fire Alarm Systems Installers	MT OJT	20	20	0.0%	0	0	2	2
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	N/A	<b>1,260</b>	<b>1,290</b>	<b>2.4%</b>	<b>3</b>	<b>38</b>	<b>85</b>	<b>126</b>
49-3011	Aircraft Mechanics & Service Technicians	PS	20	20	0.0%	0	1	1	2
49-3021	Automotive Body & Related Repairers	LT OJT	150	150	0.0%	0	5	9	14

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49-3023	Automotive Service Technicians & Mechanics	PS	690	680	-1.4%	-1	20	46	65
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	170	180	5.9%	1	5	11	17
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	80	90	12.5%	1	2	6	9
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>N/A</b>	<b>2,500</b>	<b>2,780</b>	<b>11.2%</b>	<b>28</b>	<b>86</b>	<b>157</b>	<b>271</b>
49-9012	Control & Valve Installers & Repairers	MT OJT	60	60	0.0%	0	1	3	4
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	230	250	8.7%	1	6	16	23
49-9041	Industrial Machinery Mechanics	LT OJT	590	710	20.3%	12	20	35	67
49-9062	Medical Equipment Repairers	AD+	20	20	0.0%	0	1	1	2
49-9071	Maintenance & Repair Workers, General	MT OJT	1,280	1,400	9.4%	12	47	78	137
49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	40	40	0.0%	0	2	3	5
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	60	60	0.0%	0	2	4	6
<b>51-0000</b>	<b>Production Occupations</b>	<b>N/A</b>	<b>12,890</b>	<b>12,600</b>	<b>-2.2%</b>	<b>-29</b>	<b>456</b>	<b>917</b>	<b>1,344</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>N/A</b>	<b>990</b>	<b>1,020</b>	<b>3.0%</b>	<b>3</b>	<b>30</b>	<b>68</b>	<b>101</b>
51-1011	Supervisors - Production & Operating Workers	WK EXP	990	1,020	3.0%	3	30	68	101
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>N/A</b>	<b>2,170</b>	<b>1,910</b>	<b>-12.0%</b>	<b>-26</b>	<b>78</b>	<b>143</b>	<b>195</b>
51-2028	Electrical, Electronic, & Electromechanical Assemblers	MT OJT	440	440	0.0%	0	18	28	46
51-2041	Structural Metal Fabricators & Fitters	MT OJT	80	70	-12.5%	-1	2	6	7
51-2090	Misc. Assemblers & Fabricators	MT OJT	1,630	1,390	-14.7%	-24	58	108	142
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>N/A</b>	<b>770</b>	<b>800</b>	<b>3.9%</b>	<b>3</b>	<b>39</b>	<b>59</b>	<b>101</b>
51-3011	Bakers	LT OJT	310	330	6.5%	2	18	24	44
51-3021	Butchers & Meat Cutters	LT OJT	110	110	0.0%	0	4	8	12
51-3092	Food Batchmakers	MT OJT	310	310	0.0%	0	14	23	37
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>N/A</b>	<b>5,080</b>	<b>5,040</b>	<b>-0.8%</b>	<b>-4</b>	<b>159</b>	<b>361</b>	<b>516</b>
51-4021	Extruding & Drawing Machine Operators	MT OJT	160	160	0.0%	0	6	10	16
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	300	280	-6.7%	-2	9	20	27
51-4032	Drilling & Boring Machine Tool Operators	MT OJT	20	10	-50.0%	0	0	1	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	MT OJT	260	300	15.4%	4	13	19	36
51-4034	Lathe & Turning Machine Tool Operators	MT OJT	30	30	0.0%	0	1	2	3
51-4041	Machinists	LT OJT	620	650	4.8%	3	21	43	67
51-4072	Molding, Coremaking & Casting Machine Operators	MT OJT	580	560	-3.4%	-2	18	38	54
51-4081	Multiple Machine Tool Operators	MT OJT	670	700	4.5%	3	22	46	71
51-4111	Tool & Die Makers	PS+	260	260	0.0%	0	10	16	26
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	1,660	1,610	-3.0%	-5	43	129	167
51-4122	Welding, Soldering & Brazing Machine Operators	MT OJT	130	110	-15.4%	-1	3	9	11
51-4193	Plating & Coating Machine Operators	MT OJT	160	150	-6.2%	-2	5	11	14

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<b>51-5100</b>	<b>Printing Workers</b>	N/A	<b>110</b>	<b>100</b>	<b>-9.1%</b>	<b>-1</b>	<b>4</b>	<b>8</b>	<b>11</b>
51-5112	Printing Press Operators	MT OJT	80	80	0.0%	0	3	6	9
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	N/A	<b>350</b>	<b>380</b>	<b>8.6%</b>	<b>4</b>	<b>22</b>	<b>24</b>	<b>50</b>
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	230	260	13.0%	4	16	16	36
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	20	20	0.0%	0	1	1	2
51-6031	Sewing Machine Operators	ST OJT	20	20	0.0%	0	1	1	2
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	MT OJT	10	10	0.0%	0	0	0	0
<b>51-7000</b>	<b>Woodworkers</b>	N/A	<b>130</b>	<b>140</b>	<b>7.7%</b>	<b>1</b>	<b>5</b>	<b>9</b>	<b>15</b>
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	60	70	16.7%	1	2	4	7
51-7041	Sawing Machine Operators, Wood	MT OJT	30	30	0.0%	0	1	2	3
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	N/A	<b>180</b>	<b>180</b>	<b>0.0%</b>	<b>-1</b>	<b>5</b>	<b>12</b>	<b>16</b>
51-8013	Power Plant Operators	LT OJT	50	50	0.0%	0	1	4	5
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	80	80	0.0%	-1	2	5	6
<b>51-9000</b>	<b>Other Production Occupations</b>	N/A	<b>3,110</b>	<b>3,020</b>	<b>-2.9%</b>	<b>-9</b>	<b>114</b>	<b>235</b>	<b>340</b>
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	MT OJT	40	40	0.0%	0	1	3	4
51-9021	Crushing, Grinding & Polishing Machine Operators	MT OJT	10	10	0.0%	0	0	1	1
51-9022	Grinding & Polishing Workers, Hand	MT OJT	30	30	0.0%	0	1	2	3
51-9023	Mixing & Blending Machine Operators	MT OJT	60	60	0.0%	0	2	4	6
51-9032	Cutting & Slicing Machine Operators	MT OJT	60	60	0.0%	0	2	4	6
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	720	630	-12.5%	-9	26	54	71
51-9081	Dental Laboratory Technicians	MT OJT	30	30	0.0%	0	1	2	3
51-9111	Packaging & Filling Machine Operators	MT OJT	310	320	3.2%	1	13	21	35
51-9124	Coating, Painting & Spraying Machine Setters/Oprs/Tenders	MT OJT	240	240	0.0%	0	6	17	23
51-9161	CNC Tool Operators	MT OJT	800	790	-1.2%	-1	27	58	84
51-9162	CNC Tool Programmers	PS+	40	50	25.0%	1	2	3	6
51-9195	Molders, Shapers & Casters	LT OJT	70	80	14.3%	0	3	5	8
51-9198	Helpers--Production Workers	ST OJT	400	380	-5.0%	-2	18	37	53
51-9199	Production Workers, Other	MT OJT	90	90	0.0%	1	3	7	11
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	N/A	<b>8,440</b>	<b>9,260</b>	<b>9.7%</b>	<b>82</b>	<b>422</b>	<b>692</b>	<b>1,196</b>
<b>53-1000</b>	<b>Supervisors - Transportation &amp; Material Moving Workers</b>	N/A	<b>370</b>	<b>380</b>	<b>2.7%</b>	<b>2</b>	<b>14</b>	<b>26</b>	<b>42</b>
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	N/A	<b>3,390</b>	<b>3,780</b>	<b>11.5%</b>	<b>39</b>	<b>169</b>	<b>227</b>	<b>435</b>
53-3031	Driver/Sales Workers	ST OJT	380	440	15.8%	6	17	28	51
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	1,420	1,510	6.3%	9	60	99	168
53-3033	Light Truck or Delivery Services Drivers	ST OJT	790	840	6.3%	5	33	55	93
53-3058	Passenger Vehicle Drivers	ST OJT	610	790	29.5%	18	46	35	99

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<b>53-4000</b>	<b>Rail Transportation Workers</b>	N/A	40	40	0.0%	0	1	3	4
53-4031	Railroad Conductors & Yardmasters	MT OJT	20	20	0.0%	0	0	1	1
53-5011	Sailors & Marine Oilers	MT OJT	10	10	0.0%	0	0	1	1
53-5021	Captains, Mates & Pilots of Water Vessels	PS+	20	20	0.0%	0	0	1	1
<b>53-6000</b>	<b>Other Transportation Workers</b>	N/A	160	170	6.2%	1	8	16	25
<b>53-7000</b>	<b>Material Moving Workers</b>	N/A	4,440	4,830	8.8%	39	228	416	683
53-7051	Industrial Truck & Tractor Operators	ST OJT	280	290	3.6%	1	9	22	32
53-7061	Cleaners of Vehicles & Equipment	ST OJT	240	260	8.3%	2	12	22	36
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	1,600	1,690	5.6%	10	72	143	225
53-7064	Packers & Packagers, Hand	ST OJT	420	440	4.8%	2	24	34	60
53-7065	Stockers & Order Fillers	ST OJT	1,670	1,900	13.8%	23	102	174	299
53-7081	Refuse & Recyclable Material Collectors	ST OJT	100	100	0.0%	1	4	9	14

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.