

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

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth <sup>1/</sup>	Due to Replace. <sup>2/</sup>	Total <sup>3/</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>135,000</b>	<b>144,040</b>	<b>6.7%</b>	<b>1,039</b>	<b>3,172</b>	<b>4,211</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>5,370</b>	<b>5,590</b>	<b>4.1%</b>	<b>31</b>	<b>109</b>	<b>140</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>1,580</b>	<b>1,690</b>	<b>7.0%</b>	<b>11</b>	<b>30</b>	<b>41</b>
11-1021	General & Operations Managers	1,210	1,320	9.1%	10	23	33
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations &amp; Sales Managers</b>	<b>370</b>	<b>380</b>	<b>2.7%</b>	<b>1</b>	<b>8</b>	<b>9</b>
11-2011	Advertising & Promotions Managers	20	20	0.0%	0	0	0
11-2021	Marketing Managers	80	90	12.5%	0	2	2
11-2022	Sales Managers	230	220	-4.3%	0	5	5
11-2031	Public Relations & Fundraising Managers	50	50	0.0%	0	1	1
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>950</b>	<b>1,020</b>	<b>7.4%</b>	<b>7</b>	<b>18</b>	<b>25</b>
11-3011	Administrative Services Managers	130	150	15.4%	2	2	4
11-3021	Computer & Information Systems Managers	90	110	22.2%	1	1	2
11-3031	Financial Managers	280	290	3.6%	2	5	7
11-3051	Industrial Production Managers	280	290	3.6%	1	5	6
11-3061	Purchasing Managers	50	50	0.0%	0	1	1
11-3071	Transportation, Storage & Distribution Managers	60	60	0.0%	0	1	1
11-3121	Human Resources Managers	40	60	50.0%	1	1	2
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>2,480</b>	<b>2,510</b>	<b>1.2%</b>	<b>12</b>	<b>53</b>	<b>65</b>
11-9021	Construction Managers	90	90	0.0%	0	1	1
11-9031	Education Admin., Preschool & Childcare Center/Program	100	120	20.0%	2	3	5
11-9032	Education Administrators, Elementary & Secondary School	230	230	0.0%	0	6	6
11-9033	Education Administrators, Postsecondary	220	240	9.1%	2	6	8
11-9039	Education Administrators, Other	20	20	0.0%	0	0	0
11-9041	Architectural & Engineering Managers	180	190	5.6%	1	4	5
11-9051	Food Service Managers	140	140	0.0%	0	3	3
11-9081	Lodging Managers	20	20	0.0%	0	1	1
11-9111	Medical & Health Services Managers	290	330	13.8%	4	7	11
11-9131	Postmasters & Mail Superintendents	20	10	-50.0%	0	0	0
11-9141	Property, Real Estate & Community Association Managers	80	90	12.5%	1	2	3
11-9151	Social & Community Service Managers	170	200	17.6%	2	4	6
11-9199	Managers, Other	160	160	0.0%	0	4	4
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>4,990</b>	<b>5,350</b>	<b>7.2%</b>	<b>40</b>	<b>110</b>	<b>150</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>2,920</b>	<b>3,160</b>	<b>8.2%</b>	<b>26</b>	<b>57</b>	<b>83</b>
13-1011	Agents & Business Managers of Artists, Performers & Athletes	10	10	0.0%	0	0	0
13-1023	Purchasing Agents	390	420	7.7%	3	7	10

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13-1041	Compliance Officers	100	110	10.0%	1	2	3
13-1051	Cost Estimators	260	300	15.4%	4	8	12
13-1071	Human Resources Specialists	330	370	12.1%	5	6	11
13-1075	Labor Relations Specialists	90	80	-11.1%	0	2	2
13-1081	Logisticians	50	60	20.0%	1	1	2
13-1111	Management Analysts	150	160	6.7%	2	2	4
13-1121	Meeting, Convention & Event Planners	40	50	25.0%	1	0	1
13-1131	Fundraisers	60	60	0.0%	0	1	1
13-1141	Compensation, Benefits & Job Analysis Specialists	80	80	0.0%	0	1	1
13-1151	Training & Development Specialists	190	210	10.5%	2	3	5
13-1161	Market Research Analysts & Marketing Specialists	160	210	31.2%	5	2	7
13-1199	Business Operations Specialists, Other	320	330	3.1%	1	4	5
<b>13-2000</b>	<b>Financial Specialists</b>	<b>2,070</b>	<b>2,190</b>	<b>5.8%</b>	<b>14</b>	<b>53</b>	<b>67</b>
13-2011	Accountants & Auditors	1,010	1,100	8.9%	9	30	39
13-2021	Appraisers & Assessors of Real Estate	60	70	16.7%	0	1	1
13-2031	Budget Analysts	10	20	100.0%	0	0	0
13-2041	Credit Analysts	10	10	0.0%	0	0	0
13-2051	Financial Analysts	170	180	5.9%	1	4	5
13-2052	Personal Financial Advisors	190	210	10.5%	2	3	5
13-2072	Loan Officers	140	140	0.0%	0	3	3
13-2081	Tax Examiners, Collectors & Revenue Agents	70	80	14.3%	0	2	2
13-2082	Tax Preparers	40	40	0.0%	0	1	1
13-2099	Financial Specialists, Other	40	40	0.0%	0	0	0
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>1,180</b>	<b>1,350</b>	<b>14.4%</b>	<b>17</b>	<b>21</b>	<b>38</b>
<b>15-1100</b>	<b>Computer Occupations</b>	<b>1,140</b>	<b>1,300</b>	<b>14.0%</b>	<b>17</b>	<b>20</b>	<b>37</b>
15-1121	Computer Systems Analysts	120	150	25.0%	3	2	5
15-1131	Computer Programmers	170	170	0.0%	0	4	4
15-1132	Software Developers, Applications	70	70	0.0%	0	1	1
15-1133	Software Developers, Systems Software	60	70	16.7%	1	1	2
15-1134	Web Developers	50	50	0.0%	1	1	2
15-1141	Database Administrators	60	80	33.3%	1	1	2
15-1142	Network & Computer Systems Administrators	190	220	15.8%	3	3	6
15-1143	Computer Network Architects	10	10	0.0%	0	0	0
15-1151	Computer User Support Specialists	280	330	17.9%	5	4	9
15-1152	Computer Network Support Specialists	70	80	14.3%	1	1	2

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15-1199	Computer Occupations, Other	50	50	0.0%	0	1	1
<b>15-2000</b>	<b>Mathematical Scientists</b>	<b>40</b>	<b>50</b>	<b>25.0%</b>	<b>1</b>	<b>1</b>	<b>2</b>
15-2031	Operations Research Analysts	20	20	0.0%	0	0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>2,290</b>	<b>2,360</b>	<b>3.1%</b>	<b>11</b>	<b>57</b>	<b>68</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>60</b>	<b>60</b>	<b>0.0%</b>	<b>1</b>	<b>1</b>	<b>2</b>
17-1011	Architects	40	40	0.0%	0	1	1
17-1022	Surveyors	10	10	0.0%	0	0	0
<b>17-2000</b>	<b>Engineers</b>	<b>1,500</b>	<b>1,580</b>	<b>5.3%</b>	<b>9</b>	<b>44</b>	<b>53</b>
17-2041	Chemical Engineers	50	40	-20.0%	0	1	1
17-2051	Civil Engineers	100	120	20.0%	2	2	4
17-2081	Environmental Engineers	10	10	0.0%	0	0	0
17-2112	Industrial Engineers	300	320	6.7%	2	9	11
17-2131	Materials Engineers	20	20	0.0%	0	1	1
17-2141	Mechanical Engineers	660	690	4.5%	3	22	25
17-2161	Nuclear Engineers	20	20	0.0%	0	0	0
17-2199	Engineers, Other	40	50	25.0%	1	1	2
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	<b>730</b>	<b>720</b>	<b>-1.4%</b>	<b>1</b>	<b>12</b>	<b>13</b>
17-3011	Architectural & Civil Drafters	50	50	0.0%	0	1	1
17-3013	Mechanical Drafters	320	310	-3.1%	0	4	4
17-3023	Electrical & Electronic Engineering Technicians	50	50	0.0%	0	1	1
17-3024	Electro-Mechanical Technicians	30	20	-33.3%	0	1	1
17-3026	Industrial Engineering Technicians	50	40	-20.0%	0	1	1
17-3027	Mechanical Engineering Technicians	20	20	0.0%	0	0	0
<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>330</b>	<b>330</b>	<b>0.0%</b>	<b>1</b>	<b>10</b>	<b>11</b>
<b>19-1000</b>	<b>Life Scientists</b>	<b>40</b>	<b>40</b>	<b>0.0%</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>19-2000</b>	<b>Physical Scientists</b>	<b>80</b>	<b>80</b>	<b>0.0%</b>	<b>0</b>	<b>2</b>	<b>2</b>
19-2031	Chemists	50	50	0.0%	0	1	1
19-2099	Physical Scientists, Other	10	10	0.0%	0	0	0
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	<b>130</b>	<b>130</b>	<b>0.0%</b>	<b>0</b>	<b>4</b>	<b>4</b>
19-3031	Clinical, Counseling & School Psychologists	50	60	20.0%	0	1	1
19-3051	Urban & Regional Planners	40	50	25.0%	0	2	2
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Technicians</b>	<b>80</b>	<b>80</b>	<b>0.0%</b>	<b>0</b>	<b>2</b>	<b>2</b>
19-4031	Chemical Technicians	20	30	50.0%	0	0	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>3,210</b>	<b>3,610</b>	<b>12.5%</b>	<b>40</b>	<b>73</b>	<b>113</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Other Community &amp; Social Service Specialists</b>	<b>2,660</b>	<b>3,030</b>	<b>13.9%</b>	<b>38</b>	<b>59</b>	<b>97</b>

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21-1011	Substance Abuse & Behavioral Disorder Counselors	270	330	22.2%	6	6	12
21-1012	Educational, Guidance, School & Vocational Counselors	280	290	3.6%	1	6	7
21-1013	Marriage & Family Therapists	30	40	33.3%	1	1	2
21-1014	Mental Health Counselors	390	470	20.5%	8	8	16
21-1015	Rehabilitation Counselors	260	300	15.4%	3	6	9
21-1021	Child, Family & School Social Workers	510	570	11.8%	6	11	17
21-1022	Healthcare Social Workers	160	200	25.0%	4	4	8
21-1023	Mental Health & Substance Abuse Social Workers	190	220	15.8%	3	4	7
21-1029	Social Workers, Other	30	30	0.0%	0	0	0
21-1091	Health Educators	40	50	25.0%	1	1	2
21-1092	Probation Officers & Correctional Treatment Specialists	150	150	0.0%	0	4	4
21-1093	Social & Human Service Assistants	260	300	15.4%	4	7	11
<b>21-2000</b>	<b>Religious Workers</b>	<b>550</b>	<b>570</b>	<b>3.6%</b>	<b>2</b>	<b>14</b>	<b>16</b>
21-2011	Clergy	300	320	6.7%	1	6	7
21-2021	Directors, Religious Activities & Education	180	180	0.0%	0	6	6
21-2099	Religious Workers, Other	80	80	0.0%	0	2	2
<b>23-0000</b>	<b>Legal Occupations</b>	<b>480</b>	<b>510</b>	<b>6.2%</b>	<b>3</b>	<b>8</b>	<b>11</b>
<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>330</b>	<b>350</b>	<b>6.1%</b>	<b>2</b>	<b>5</b>	<b>7</b>
23-1011	Lawyers	280	300	7.1%	2	4	6
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	30	30	0.0%	0	0	0
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>140</b>	<b>150</b>	<b>7.1%</b>	<b>1</b>	<b>2</b>	<b>3</b>
23-2011	Paralegals & Legal Assistants	80	90	12.5%	1	1	2
23-2091	Court Reporters	20	20	0.0%	0	0	0
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>8,180</b>	<b>8,410</b>	<b>2.8%</b>	<b>30</b>	<b>172</b>	<b>202</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>1,980</b>	<b>2,150</b>	<b>8.6%</b>	<b>17</b>	<b>30</b>	<b>47</b>
25-1072	Nursing Instructors & Teachers, Postsecondary	90	100	11.1%	1	1	2
25-1194	Vocational Education Teachers, Postsecondary	160	160	0.0%	0	2	2
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	<b>4,030</b>	<b>4,080</b>	<b>1.2%</b>	<b>10</b>	<b>95</b>	<b>105</b>
25-2011	Preschool Teachers	290	330	13.8%	4	8	12
25-2012	Kindergarten Teachers	170	170	0.0%	0	5	5
25-2022	Middle School Teachers	970	990	2.1%	2	21	23
25-2052	Special Education Teachers, Kindergarten & Elementary School	190	180	-5.3%	0	3	3
<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	<b>830</b>	<b>820</b>	<b>-1.2%</b>	<b>1</b>	<b>14</b>	<b>15</b>
25-3011	Adult Basic & Secondary Education & Literacy Teachers	50	60	20.0%	0	1	1
25-3021	Self-Enrichment Education Teachers	220	230	4.5%	1	4	5

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25-3098	Substitute Teachers	490	470	-4.1%	0	8	8
25-3099	Teachers & Instructors, Other	70	80	14.3%	0	1	1
<b>25-4000</b>	<b>Librarians, Curators &amp; Archivists</b>	<b>210</b>	<b>210</b>	<b>0.0%</b>	<b>1</b>	<b>8</b>	<b>9</b>
25-4021	Librarians	100	100	0.0%	0	2	2
25-4031	Library Technicians	100	100	0.0%	1	5	6
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	<b>1,140</b>	<b>1,150</b>	<b>0.9%</b>	<b>1</b>	<b>25</b>	<b>26</b>
25-9031	Instructional Coordinators	30	40	33.3%	0	0	0
25-9041	Teacher Assistants	1,100	1,100	0.0%	1	25	26
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>1,690</b>	<b>1,770</b>	<b>4.7%</b>	<b>10</b>	<b>38</b>	<b>48</b>
<b>27-1000</b>	<b>Art &amp; Design Workers</b>	<b>460</b>	<b>450</b>	<b>-2.2%</b>	<b>1</b>	<b>12</b>	<b>13</b>
27-1021	Commercial & Industrial Designers	30	20	-33.3%	0	1	1
27-1024	Graphic Designers	130	130	0.0%	0	3	3
<b>27-2000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	<b>380</b>	<b>400</b>	<b>5.3%</b>	<b>3</b>	<b>11</b>	<b>14</b>
27-2012	Producers & Directors	40	40	0.0%	0	1	1
27-2022	Coaches & Scouts	170	190	11.8%	2	5	7
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	<b>560</b>	<b>600</b>	<b>7.1%</b>	<b>4</b>	<b>11</b>	<b>15</b>
27-3011	Radio & Television Announcers	90	90	0.0%	0	2	2
27-3031	Public Relations Specialists	170	180	5.9%	1	2	3
27-3041	Editors	60	60	0.0%	0	1	1
<b>27-4000</b>	<b>Media &amp; Communication Equipment Workers</b>	<b>300</b>	<b>320</b>	<b>6.7%</b>	<b>2</b>	<b>4</b>	<b>6</b>
27-4011	Audio & Video Equipment Technicians	40	50	25.0%	1	1	2
27-4021	Photographers	220	230	4.5%	1	2	3
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>8,210</b>	<b>9,370</b>	<b>14.1%</b>	<b>116</b>	<b>170</b>	<b>286</b>
<b>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	<b>5,280</b>	<b>5,990</b>	<b>13.4%</b>	<b>71</b>	<b>107</b>	<b>178</b>
29-1031	Dietitians & Nutritionists	140	160	14.3%	2	2	4
29-1051	Pharmacists	300	310	3.3%	1	7	8
29-1062	Family & General Practitioners	100	110	10.0%	1	2	3
29-1067	Surgeons	50	50	0.0%	0	1	1
29-1069	Physicians & Surgeons, Other	480	520	8.3%	5	12	17
29-1071	Physician Assistants	140	150	7.1%	1	2	3
29-1122	Occupational Therapists	170	200	17.6%	3	2	5
29-1123	Physical Therapists	240	290	20.8%	5	6	11
29-1125	Recreational Therapists	70	80	14.3%	1	1	2
29-1126	Respiratory Therapists	100	120	20.0%	1	2	3
29-1127	Speech-Language Pathologists	70	80	14.3%	1	1	2

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29-1131	Veterinarians	80	90	12.5%	1	2	3
29-1141	Registered Nurses	3,000	3,410	13.7%	41	58	99
29-1171	Nurse Practitioners	90	110	22.2%	2	2	4
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	<b>2,840</b>	<b>3,290</b>	<b>15.8%</b>	<b>45</b>	<b>61</b>	<b>106</b>
29-2011	Medical & Clinical Laboratory Technologists	240	260	8.3%	2	6	8
29-2012	Medical & Clinical Laboratory Technicians	90	100	11.1%	1	2	3
29-2021	Dental Hygienists	180	200	11.1%	2	5	7
29-2032	Diagnostic Medical Sonographers	40	60	50.0%	1	1	2
29-2033	Nuclear Medicine Technologists	20	30	50.0%	0	0	0
29-2034	Radiologic Technologists	240	270	12.5%	3	3	6
29-2041	Emergency Medical Technicians & Paramedics	270	340	25.9%	8	7	15
29-2051	Dietetic Technicians	10	10	0.0%	0	0	0
29-2052	Pharmacy Technicians	230	250	8.7%	2	2	4
29-2055	Surgical Technologists	70	80	14.3%	2	1	3
29-2056	Veterinary Technologists & Technicians	70	100	42.9%	2	1	3
29-2061	Licensed Practical & Licensed Vocational Nurses	940	1,090	16.0%	15	23	38
29-2071	Medical Records & Health Information Technicians	180	200	11.1%	2	5	7
29-2081	Opticians, Dispensing	90	100	11.1%	1	2	3
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	<b>90</b>	<b>100</b>	<b>11.1%</b>	<b>1</b>	<b>3</b>	<b>4</b>
29-9011	Occupational Health & Safety Specialists	40	40	0.0%	0	1	1
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>5,540</b>	<b>6,430</b>	<b>16.1%</b>	<b>90</b>	<b>105</b>	<b>195</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>3,970</b>	<b>4,630</b>	<b>16.6%</b>	<b>66</b>	<b>76</b>	<b>142</b>
31-1011	Home Health Aides	1,690	2,180	29.0%	49	32	81
31-1014	Nursing Assistants	2,080	2,220	6.7%	13	40	53
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>130</b>	<b>180</b>	<b>38.5%</b>	<b>5</b>	<b>3</b>	<b>8</b>
31-2021	Physical Therapist Assistants	30	50	66.7%	1	1	2
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>1,430</b>	<b>1,620</b>	<b>13.3%</b>	<b>19</b>	<b>26</b>	<b>45</b>
31-9011	Massage Therapists	200	240	20.0%	4	2	6
31-9091	Dental Assistants	290	310	6.9%	2	6	8
31-9092	Medical Assistants	560	660	17.9%	10	11	21
31-9093	Medical Equipment Preparers	80	80	0.0%	1	1	2
31-9094	Medical Transcriptionists	100	90	-10.0%	0	2	2
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	30	30	0.0%	0	0	0
31-9097	Phlebotomists	140	170	21.4%	3	3	6
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,240</b>	<b>2,360</b>	<b>5.4%</b>	<b>13</b>	<b>64</b>	<b>77</b>

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SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth <sup>1/</sup>	Due to Replace. <sup>2/</sup>	Total <sup>3/</sup>
33-1012	Supervisors - Police & Detectives	40	40	0.0%	0	1	1
33-1099	Supervisors - Protective Service Workers, Other	30	30	0.0%	0	1	1
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>880</b>	<b>920</b>	<b>4.5%</b>	<b>4</b>	<b>25</b>	<b>29</b>
33-3012	Correctional Officers & Jailers	510	530	3.9%	2	14	16
33-3021	Detectives & Criminal Investigators	40	50	25.0%	0	1	1
33-3051	Police & Sheriff's Patrol Officers	310	330	6.5%	1	10	11
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>1,240</b>	<b>1,320</b>	<b>6.5%</b>	<b>8</b>	<b>37</b>	<b>45</b>
33-9032	Security Guards	830	910	9.6%	8	13	21
33-9091	Crossing Guards	20	20	0.0%	0	0	0
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	280	280	0.0%	0	19	19
33-9093	Transportation Security Screeners	20	30	50.0%	0	0	0
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>12,440</b>	<b>13,390</b>	<b>7.6%</b>	<b>99</b>	<b>454</b>	<b>553</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>1,030</b>	<b>1,140</b>	<b>10.7%</b>	<b>11</b>	<b>28</b>	<b>39</b>
35-1011	Chefs & Head Cooks	60	60	0.0%	0	1	1
35-1012	Supervisors - Food Preparation & Serving Workers	980	1,090	11.2%	11	28	39
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	<b>3,180</b>	<b>3,290</b>	<b>3.5%</b>	<b>15</b>	<b>73</b>	<b>88</b>
35-2011	Cooks, Fast Food	440	430	-2.3%	0	9	9
35-2012	Cooks, Institution & Cafeteria	560	590	5.4%	3	11	14
35-2014	Cooks, Restaurant	890	1,000	12.4%	12	18	30
35-2015	Cooks, Short Order	120	120	0.0%	0	2	2
35-2021	Food Preparation Workers	1,170	1,150	-1.7%	0	34	34
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>6,970</b>	<b>7,640</b>	<b>9.6%</b>	<b>67</b>	<b>290</b>	<b>357</b>
35-3011	Bartenders	1,180	1,290	9.3%	11	44	55
35-3021	Combined Food Preparation & Serving Workers	3,140	3,550	13.1%	41	120	161
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	290	300	3.4%	1	18	19
35-3031	Waiters & Waitresses	2,090	2,170	3.8%	9	100	109
35-3041	Food Servers, Nonrestaurant	270	330	22.2%	6	8	14
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>1,260</b>	<b>1,320</b>	<b>4.8%</b>	<b>6</b>	<b>63</b>	<b>69</b>
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	250	260	4.0%	1	11	12
35-9021	Dishwashers	750	790	5.3%	3	33	36
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	250	270	8.0%	1	19	20
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>4,920</b>	<b>5,130</b>	<b>4.3%</b>	<b>22</b>	<b>100</b>	<b>122</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>400</b>	<b>430</b>	<b>7.5%</b>	<b>3</b>	<b>7</b>	<b>10</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	200	210	5.0%	1	5	6
37-1012	Supervisors - Landscaping & Groundskeeping Workers	200	210	5.0%	2	2	4

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<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>3,460</b>	<b>3,610</b>	<b>4.3%</b>	<b>15</b>	<b>66</b>	<b>81</b>
37-2011	Janitors & Cleaners	2,400	2,470	2.9%	7	45	52
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>1,050</b>	<b>1,090</b>	<b>3.8%</b>	<b>4</b>	<b>26</b>	<b>30</b>
37-3011	Landscaping & Groundskeeping Workers	1,020	1,060	3.9%	4	26	30
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>6,510</b>	<b>7,840</b>	<b>20.4%</b>	<b>134</b>	<b>119</b>	<b>253</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>280</b>	<b>300</b>	<b>7.1%</b>	<b>2</b>	<b>5</b>	<b>7</b>
39-1021	Supervisors - Personal Service Workers	230	240	4.3%	2	4	6
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>190</b>	<b>210</b>	<b>10.5%</b>	<b>2</b>	<b>3</b>	<b>5</b>
<b>39-3000</b>	<b>Entertainment Attendants &amp; Related Workers</b>	<b>520</b>	<b>550</b>	<b>5.8%</b>	<b>3</b>	<b>18</b>	<b>21</b>
39-3091	Amusement & Recreation Attendants	170	180	5.9%	0	9	9
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>1,010</b>	<b>1,100</b>	<b>8.9%</b>	<b>9</b>	<b>22</b>	<b>31</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	870	940	8.0%	7	20	27
39-5092	Manicurists & Pedicurists	120	140	16.7%	1	1	2
<b>39-7000</b>	<b>Tour &amp; Travel Guides</b>	<b>10</b>	<b>10</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>39-9000</b>	<b>Other Personal Care &amp; Service Workers</b>	<b>4,380</b>	<b>5,560</b>	<b>26.9%</b>	<b>118</b>	<b>68</b>	<b>186</b>
39-9011	Childcare Workers	1,380	1,540	11.6%	15	41	56
39-9021	Personal Care Aides	2,380	3,340	40.3%	95	17	112
39-9031	Fitness Trainers & Aerobics Instructors	300	330	10.0%	3	4	7
39-9032	Recreation Workers	180	210	16.7%	4	2	6
39-9041	Residential Advisors	100	110	10.0%	1	4	5
39-9099	Personal Care & Service Workers, Other	30	40	33.3%	0	1	1
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>14,410</b>	<b>14,490</b>	<b>0.6%</b>	<b>25</b>	<b>447</b>	<b>472</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	<b>1,710</b>	<b>1,680</b>	<b>-1.8%</b>	<b>0</b>	<b>35</b>	<b>35</b>
41-1011	Supervisors - Retail Sales Workers	1,440	1,420	-1.4%	0	31	31
41-1012	Supervisors - Non-Retail Sales Workers	280	260	-7.1%	0	4	4
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>8,890</b>	<b>8,940</b>	<b>0.6%</b>	<b>12</b>	<b>332</b>	<b>344</b>
41-2011	Cashiers	3,590	3,520	-1.9%	0	155	155
41-2021	Counter & Rental Clerks	340	370	8.8%	3	9	12
41-2031	Retail Salespersons	4,660	4,730	1.5%	7	159	166
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>1,440</b>	<b>1,440</b>	<b>0.0%</b>	<b>2</b>	<b>37</b>	<b>39</b>
41-3011	Advertising Sales Agents	100	110	10.0%	1	3	4
41-3021	Insurance Sales Agents	510	530	3.9%	2	12	14
41-3031	Securities, Commodities & Financial Services Sales Agents	170	160	-5.9%	0	4	4
41-3041	Travel Agents	30	20	-33.3%	0	0	0
41-3099	Sales Representatives, Other Services	630	620	-1.6%	0	17	17

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<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	<b>1,490</b>	<b>1,570</b>	<b>5.4%</b>	<b>8</b>	<b>29</b>	<b>37</b>
41-4011	Sales Representatives, Technical & Scientific Products	160	170	6.2%	1	3	4
41-4012	Sales Representatives	1,330	1,400	5.3%	7	26	33
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	<b>880</b>	<b>860</b>	<b>-2.3%</b>	<b>3</b>	<b>14</b>	<b>17</b>
41-9011	Demonstrators & Product Promoters	30	30	0.0%	1	1	2
41-9022	Real Estate Sales Agents	210	220	4.8%	1	2	3
41-9031	Sales Engineers	60	60	0.0%	0	1	1
41-9099	Sales & Related Workers, Other	80	100	25.0%	2	2	4
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>19,840</b>	<b>20,590</b>	<b>3.8%</b>	<b>117</b>	<b>424</b>	<b>541</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	<b>1,030</b>	<b>1,110</b>	<b>7.8%</b>	<b>8</b>	<b>24</b>	<b>32</b>
43-1011	Supervisors - Office & Administrative Support Workers	1,030	1,110	7.8%	8	24	32
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>250</b>	<b>220</b>	<b>-12.0%</b>	<b>0</b>	<b>5</b>	<b>5</b>
43-2011	Switchboard Operators	230	210	-8.7%	0	4	4
43-2021	Telephone Operators	10	10	0.0%	0	0	0
<b>43-3000</b>	<b>Financial Clerks</b>	<b>3,270</b>	<b>3,530</b>	<b>8.0%</b>	<b>31</b>	<b>63</b>	<b>94</b>
43-3011	Bill & Account Collectors	320	340	6.2%	2	9	11
43-3021	Billing & Posting Clerks	610	710	16.4%	10	11	21
43-3031	Bookkeeping, Accounting & Auditing Clerks	1,610	1,760	9.3%	15	15	30
43-3051	Payroll & Timekeeping Clerks	180	220	22.2%	3	4	7
43-3061	Procurement Clerks	60	60	0.0%	0	2	2
43-3071	Tellers	460	410	-10.9%	0	22	22
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	<b>4,320</b>	<b>4,570</b>	<b>5.8%</b>	<b>26</b>	<b>114</b>	<b>140</b>
43-4011	Brokerage Clerks	20	20	0.0%	0	1	1
43-4021	Correspondence Clerks	20	20	0.0%	0	0	0
43-4031	Court, Municipal & License Clerks	90	90	0.0%	1	1	2
43-4041	Credit Authorizers, Checkers & Clerks	20	20	0.0%	0	0	0
43-4051	Customer Service Representatives	1,840	1,960	6.5%	12	50	62
43-4061	Eligibility Interviewers, Government Programs	320	350	9.4%	3	6	9
43-4071	File Clerks	140	150	7.1%	1	3	4
43-4081	Hotel, Motel & Resort Desk Clerks	220	240	9.1%	2	10	12
43-4111	Interviewers	130	130	0.0%	0	2	2
43-4121	Library Assistants, Clerical	60	60	0.0%	0	3	3
43-4131	Loan Interviewers & Clerks	90	100	11.1%	0	1	1
43-4151	Order Clerks	200	200	0.0%	0	5	5
43-4161	Human Resources Assistants	180	190	5.6%	1	5	6

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43-4171	Receptionists & Information Clerks	930	990	6.5%	6	25	31
43-4199	Information & Record Clerks, Other	40	40	0.0%	0	1	1
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>3,390</b>	<b>3,300</b>	<b>-2.7%</b>	<b>10</b>	<b>92</b>	<b>102</b>
43-5011	Cargo & Freight Agents	70	90	28.6%	1	2	3
43-5021	Couriers & Messengers	130	120	-7.7%	0	2	2
43-5031	Police, Fire & Ambulance Dispatchers	130	140	7.7%	1	4	5
43-5032	Dispatchers	130	150	15.4%	2	4	6
43-5051	Postal Service Clerks	50	40	-20.0%	0	1	1
43-5052	Postal Service Mail Carriers	280	220	-21.4%	0	10	10
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	120	90	-25.0%	0	1	1
43-5061	Production, Planning & Expediting Clerks	500	550	10.0%	5	12	17
43-5071	Shipping, Receiving & Traffic Clerks	580	590	1.7%	1	15	16
43-5081	Stock Clerks & Order Fillers	1,350	1,270	-5.9%	0	41	41
<b>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>3,600</b>	<b>3,960</b>	<b>10.0%</b>	<b>39</b>	<b>43</b>	<b>82</b>
43-6011	Executive Secretaries & Executive Administrative Assistants	460	440	-4.3%	0	6	6
43-6012	Legal Secretaries	310	300	-3.2%	0	4	4
43-6013	Medical Secretaries	660	830	25.8%	17	8	25
43-6014	Secretaries	2,180	2,400	10.1%	22	26	48
<b>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>3,970</b>	<b>3,900</b>	<b>-1.8%</b>	<b>3</b>	<b>82</b>	<b>85</b>
43-9011	Computer Operators	70	60	-14.3%	0	1	1
43-9021	Data Entry Keyers	110	80	-27.3%	0	1	1
43-9022	Word Processors & Typists	230	170	-26.1%	0	1	1
43-9051	Mail Clerks & Mail Machine Operators	50	50	0.0%	0	1	1
43-9061	Office Clerks, General	2,850	2,860	0.4%	0	60	60
43-9199	Office & Administrative Support Workers, Other	50	50	0.0%	1	1	2
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>1,150</b>	<b>1,140</b>	<b>-0.9%</b>	<b>2</b>	<b>34</b>	<b>36</b>
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>1,100</b>	<b>1,090</b>	<b>-0.9%</b>	<b>2</b>	<b>33</b>	<b>35</b>
45-2091	Agricultural Equipment Operators	70	80	14.3%	1	2	3
45-2099	Agricultural Workers, Other	10	10	0.0%	0	0	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>4,210</b>	<b>4,580</b>	<b>8.8%</b>	<b>38</b>	<b>69</b>	<b>107</b>
<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	<b>300</b>	<b>330</b>	<b>10.0%</b>	<b>3</b>	<b>3</b>	<b>6</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	300	330	10.0%	3	3	6
<b>47-2000</b>	<b>Construction Trades Workers</b>	<b>3,330</b>	<b>3,640</b>	<b>9.3%</b>	<b>31</b>	<b>55</b>	<b>86</b>
47-2031	Carpenters	720	810	12.5%	9	9	18
47-2041	Carpet Installers	60	70	16.7%	0	1	1

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47-2051	Cement Masons & Concrete Finishers	130	150	15.4%	1	2	3
47-2061	Construction Laborers	360	400	11.1%	4	8	12
47-2073	Operating Engineers & Other Construction Equipment Operators	250	280	12.0%	3	6	9
47-2081	Drywall & Ceiling Tile Installers	30	40	33.3%	1	0	1
47-2111	Electricians	440	450	2.3%	0	8	8
47-2131	Insulation Workers, Floor, Ceiling & Wall	50	50	0.0%	0	1	1
47-2141	Painters, Construction & Maintenance	250	290	16.0%	4	4	8
47-2142	Paperhangers	40	30	-25.0%	0	1	1
47-2152	Plumbers, Pipefitters & Steamfitters	340	350	2.9%	1	4	5
47-2181	Roofers	180	180	0.0%	0	4	4
47-2211	Sheet Metal Workers	220	240	9.1%	2	4	6
47-2221	Structural Iron & Steel Workers	70	70	0.0%	0	2	2
<b>47-3000</b>	<b>Helpers, Construction Trades</b>	<b>140</b>	<b>160</b>	<b>14.3%</b>	<b>1</b>	<b>2</b>	<b>3</b>
47-3013	Helpers--Electricians	60	70	16.7%	1	1	2
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	40	40	0.0%	0	1	1
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	<b>370</b>	<b>390</b>	<b>5.4%</b>	<b>2</b>	<b>7</b>	<b>9</b>
47-4011	Construction & Building Inspectors	100	110	10.0%	1	2	3
47-4051	Highway Maintenance Workers	220	220	0.0%	1	3	4
<b>47-5000</b>	<b>Extraction Workers</b>	<b>60</b>	<b>70</b>	<b>16.7%</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>5,000</b>	<b>5,260</b>	<b>5.2%</b>	<b>29</b>	<b>116</b>	<b>145</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	<b>330</b>	<b>340</b>	<b>3.0%</b>	<b>1</b>	<b>9</b>	<b>10</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	330	340	3.0%	1	9	10
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	<b>300</b>	<b>290</b>	<b>-3.3%</b>	<b>0</b>	<b>6</b>	<b>6</b>
49-2022	Telecommunications Equipment Installers & Repairers	80	80	0.0%	0	1	1
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	60	60	0.0%	0	1	1
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	10	10	0.0%	0	0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	50	40	-20.0%	0	2	2
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>1,710</b>	<b>1,770</b>	<b>3.5%</b>	<b>6</b>	<b>42</b>	<b>48</b>
49-3011	Aircraft Mechanics & Service Technicians	30	30	0.0%	0	1	1
49-3021	Automotive Body & Related Repairers	150	150	0.0%	0	3	3
49-3023	Automotive Service Technicians & Mechanics	830	850	2.4%	1	21	22
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	300	330	10.0%	3	6	9
49-3042	Mobile Heavy Equipment Mechanics	40	40	0.0%	0	1	1
49-3043	Rail Car Repairers	170	170	0.0%	0	5	5
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>2,670</b>	<b>2,860</b>	<b>7.1%</b>	<b>20</b>	<b>58</b>	<b>78</b>

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

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth <sup>1/</sup>	Due to Replace. <sup>2/</sup>	Total <sup>3/</sup>
49-9011	Mechanical Door Repairers	30	40	33.3%	0	1	1
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	190	190	0.0%	0	5	5
49-9041	Industrial Machinery Mechanics	330	410	24.2%	8	10	18
49-9043	Maintenance Workers, Machinery	80	90	12.5%	1	1	2
49-9052	Telecommunications Line Installers & Repairers	50	40	-20.0%	0	1	1
49-9062	Medical Equipment Repairers	50	60	20.0%	0	1	1
49-9071	Maintenance & Repair Workers, General	1,510	1,600	6.0%	9	29	38
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	110	100	-9.1%	0	1	1
49-9098	Helpers--Installation, Maintenance & Repair Workers	130	140	7.7%	1	4	5
<b>51-0000</b>	<b>Production Occupations</b>	<b>15,190</b>	<b>15,760</b>	<b>3.8%</b>	<b>90</b>	<b>300</b>	<b>390</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>920</b>	<b>950</b>	<b>3.3%</b>	<b>3</b>	<b>13</b>	<b>16</b>
51-1011	Supervisors - Production & Operating Workers	920	950	3.3%	3	13	16
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>2,360</b>	<b>2,510</b>	<b>6.4%</b>	<b>15</b>	<b>38</b>	<b>53</b>
51-2022	Electrical & Electronic Equipment Assemblers	370	390	5.4%	2	4	6
51-2031	Engine & Other Machine Assemblers	30	30	0.0%	0	0	0
51-2041	Structural Metal Fabricators & Fitters	130	130	0.0%	1	5	6
51-2092	Team Assemblers	1,310	1,400	6.9%	9	21	30
51-2099	Assemblers & Fabricators, Other	140	170	21.4%	3	2	5
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>720</b>	<b>730</b>	<b>1.4%</b>	<b>2</b>	<b>19</b>	<b>21</b>
51-3011	Bakers	320	330	3.1%	1	8	9
51-3021	Butchers & Meat Cutters	140	150	7.1%	0	4	4
51-3092	Food Batchmakers	180	180	0.0%	0	6	6
51-3093	Food Cooking Machine Operators	20	20	0.0%	0	0	0
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>6,900</b>	<b>6,990</b>	<b>1.3%</b>	<b>34</b>	<b>135</b>	<b>169</b>
51-4011	Computer-Controlled Machine Tool Operators	430	490	14.0%	6	12	18
51-4012	Computer Numerically Controlled Machine Tool Programmers	120	150	25.0%	3	3	6
51-4022	Forging Machine Operators	20	20	0.0%	0	0	0
51-4023	Rolling Machine Operators	10	10	0.0%	0	0	0
51-4031	Cutting, Punching & Press Machine Operators	640	580	-9.4%	0	5	5
51-4032	Drilling & Boring Machine Tool Operators	60	50	-16.7%	0	1	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	210	200	-4.8%	0	5	5
51-4034	Lathe & Turning Machine Tool Operators	170	140	-17.6%	0	3	3
51-4035	Milling & Planing Machine Operators	30	30	0.0%	0	1	1
51-4041	Machinists	1,140	1,310	14.9%	16	26	42
51-4051	Metal-Refining Furnace Operators	70	70	0.0%	0	1	1

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51-4052	Pourers & Casters, Metal	30	30	0.0%	0	0	0
51-4072	Molding, Coremaking & Casting Machine Operators	730	680	-6.8%	0	9	9
51-4081	Multiple Machine Tool Operators	550	520	-5.5%	0	11	11
51-4111	Tool & Die Makers	240	240	0.0%	0	2	2
51-4121	Welders, Cutters, Solderers & Brazers	1,700	1,760	3.5%	6	42	48
51-4122	Welding, Soldering & Brazing Machine Operators	80	100	25.0%	2	2	4
51-4193	Plating & Coating Machine Operators	200	190	-5.0%	0	4	4
51-4194	Tool Grinders, Filers & Sharpeners	20	20	0.0%	0	0	0
<b>51-5100</b>	<b>Printing Workers</b>	<b>340</b>	<b>310</b>	<b>-8.8%</b>	<b>0</b>	<b>6</b>	<b>6</b>
51-5112	Printing Press Operators	230	210	-8.7%	0	4	4
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	<b>370</b>	<b>380</b>	<b>2.7%</b>	<b>2</b>	<b>8</b>	<b>10</b>
51-6011	Laundry & Dry-Cleaning Workers	190	200	5.3%	1	6	7
51-6021	Pressers: Textile, Garment & Related Materials	30	30	0.0%	0	0	0
<b>51-7000</b>	<b>Woodworkers</b>	<b>250</b>	<b>270</b>	<b>8.0%</b>	<b>4</b>	<b>3</b>	<b>7</b>
51-7011	Cabinetmakers & Bench Carpenters	120	110	-8.3%	0	1	1
51-7041	Sawing Machine Operators, Wood	60	80	33.3%	2	2	4
51-7042	Woodworking Machine Operators	60	80	33.3%	2	0	2
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	<b>260</b>	<b>280</b>	<b>7.7%</b>	<b>2</b>	<b>9</b>	<b>11</b>
51-8031	Water & Wastewater Treatment Plant & System Operators	60	60	0.0%	0	2	2
51-8092	Gas Plant Operators	110	120	9.1%	2	4	6
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>3,090</b>	<b>3,340</b>	<b>8.1%</b>	<b>29</b>	<b>69</b>	<b>98</b>
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	50	60	20.0%	1	2	3
51-9022	Grinding & Polishing Workers, Hand	30	30	0.0%	0	1	1
51-9023	Mixing & Blending Machine Operators	80	70	-12.5%	0	2	2
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	150	160	6.7%	2	4	6
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	970	1,090	12.4%	12	21	33
51-9071	Jewelers & Precious Stone & Metal Workers	20	20	0.0%	0	0	0
51-9081	Dental Laboratory Technicians	80	60	-25.0%	0	3	3
51-9083	Ophthalmic Laboratory Technicians	60	70	16.7%	1	2	3
51-9111	Packaging & Filling Machine Operators	190	220	15.8%	3	4	7
51-9121	Coating, Painting & Spraying Machine Operators	70	80	14.3%	1	1	2
51-9123	Painting, Coating & Decorating Workers	60	60	0.0%	0	1	1
51-9151	Photographic Process Workers & Processing Machine Operators	20	20	0.0%	0	0	0
51-9191	Adhesive Bonding Machine Operators	30	30	0.0%	0	1	1
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	20	20	0.0%	0	0	0

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51-9195	Molders, Shapers & Casters, Except Metal & Plastic	70	80	14.3%	0	2	2
51-9198	Helpers--Production Workers	710	770	8.5%	6	12	18
51-9199	Production Workers, Other	70	90	28.6%	2	2	4
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>7,620</b>	<b>8,410</b>	<b>10.4%</b>	<b>80</b>	<b>172</b>	<b>252</b>
<b>53-1000</b>	<b>Supervisors - Transportation &amp; Material Moving Workers</b>	<b>170</b>	<b>180</b>	<b>5.9%</b>	<b>1</b>	<b>5</b>	<b>6</b>
53-1031	Supervisors - Transportation & Vehicle Operators	80	90	12.5%	1	2	3
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>3,930</b>	<b>4,430</b>	<b>12.7%</b>	<b>50</b>	<b>65</b>	<b>115</b>
53-3022	Bus Drivers, School or Special Client	1,160	1,310	12.9%	16	21	37
53-3031	Driver/Sales Workers	460	510	10.9%	4	7	11
53-3032	Heavy & Tractor-Trailer Truck Drivers	1,230	1,480	20.3%	24	20	44
53-3033	Light Truck or Delivery Services Drivers	790	820	3.8%	3	13	16
53-3041	Taxi Drivers & Chauffeurs	180	200	11.1%	2	2	4
53-4011	Locomotive Engineers	30	30	0.0%	0	1	1
53-4031	Railroad Conductors & Yardmasters	30	30	0.0%	0	1	1
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>110</b>	<b>120</b>	<b>9.1%</b>	<b>1</b>	<b>4</b>	<b>5</b>
53-6021	Parking Lot Attendants	50	50	0.0%	0	2	2
53-6031	Automotive & Watercraft Service Attendants	30	40	33.3%	0	1	1
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>3,290</b>	<b>3,560</b>	<b>8.2%</b>	<b>28</b>	<b>94</b>	<b>122</b>
53-7021	Crane & Tower Operators	10	10	0.0%	0	0	0
53-7051	Industrial Truck & Tractor Operators	410	410	0.0%	0	10	10
53-7061	Cleaners of Vehicles & Equipment	250	260	4.0%	1	7	8
53-7062	Laborers & Freight, Stock & Material Movers	1,900	2,080	9.5%	18	59	77
53-7063	Machine Feeders & Offbearers	110	110	0.0%	0	2	2
53-7064	Packers & Packagers, Hand	560	630	12.5%	7	15	22

FOOTNOTES:

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

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

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

3/ Total openings equal replacements plus annual growth.