

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

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	<u>Average Annual Openings</u>		
					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>63,000</b>	<b>67,000</b>	<b>6.3%</b>	<b>470</b>	<b>1,520</b>	<b>1,990</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>2,250</b>	<b>2,310</b>	<b>2.7%</b>	<b>11</b>	<b>45</b>	<b>56</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>700</b>	<b>740</b>	<b>5.7%</b>	<b>3</b>	<b>14</b>	<b>17</b>
11-1021	General & Operations Managers	520	550	5.8%	2	10	12
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations &amp; Sales Managers</b>	<b>130</b>	<b>130</b>	<b>0.0%</b>	<b>0</b>	<b>3</b>	<b>3</b>
11-2021	Marketing Managers	50	50	0.0%	0	1	1
11-2022	Sales Managers	70	70	0.0%	0	1	1
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>380</b>	<b>390</b>	<b>2.6%</b>	<b>1</b>	<b>7</b>	<b>8</b>
11-3011	Administrative Services Managers	70	80	14.3%	1	1	2
11-3021	Computer & Information Systems Managers	40	50	25.0%	0	1	1
11-3031	Financial Managers	90	90	0.0%	0	2	2
11-3051	Industrial Production Managers	80	80	0.0%	0	1	1
11-3071	Transportation, Storage & Distribution Managers	60	60	0.0%	0	1	1
11-3121	Human Resources Managers	20	20	0.0%	0	1	1
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>1,040</b>	<b>1,060</b>	<b>1.9%</b>	<b>6</b>	<b>21</b>	<b>27</b>
11-9021	Construction Managers	50	60	20.0%	1	1	2
11-9031	Education Admin., Preschool & Childcare Center/Program	20	20	0.0%	0	0	0
11-9032	Education Administrators, Elementary & Secondary School	90	90	0.0%	0	2	2
11-9041	Architectural & Engineering Managers	30	30	0.0%	0	1	1
11-9051	Food Service Managers	80	80	0.0%	0	1	1
11-9111	Medical & Health Services Managers	140	160	14.3%	3	3	6
11-9131	Postmasters & Mail Superintendents	10	10	0.0%	0	0	0
11-9141	Property, Real Estate & Community Association Managers	30	30	0.0%	0	1	1
11-9151	Social & Community Service Managers	70	90	28.6%	1	2	3
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>1,710</b>	<b>1,850</b>	<b>8.2%</b>	<b>14</b>	<b>36</b>	<b>50</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>1,060</b>	<b>1,160</b>	<b>9.4%</b>	<b>9</b>	<b>20</b>	<b>29</b>
13-1022	Wholesale & Retail Buyers	60	70	16.7%	0	2	2
13-1023	Purchasing Agents	110	110	0.0%	0	2	2
13-1031	Claims Adjusters, Examiners & Investigators	30	30	0.0%	0	1	1
13-1041	Compliance Officers	80	80	0.0%	0	2	2
13-1051	Cost Estimators	100	110	10.0%	1	3	4
13-1071	Human Resources Specialists	130	140	7.7%	1	2	3
13-1075	Labor Relations Specialists	110	120	9.1%	1	2	3
13-1081	Logisticians	20	30	50.0%	0	0	0
13-1111	Management Analysts	100	100	0.0%	1	2	3

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13-1141	Compensation, Benefits & Job Analysis Specialists	20	30	50.0%	0	0	0
13-1151	Training & Development Specialists	40	40	0.0%	0	1	1
13-1161	Market Research Analysts & Marketing Specialists	140	170	21.4%	3	2	5
13-1199	Business Operations Specialists, Other	100	100	0.0%	0	1	1
<b>13-2000</b>	<b>Financial Specialists</b>	<b>650</b>	<b>690</b>	<b>6.2%</b>	<b>5</b>	<b>17</b>	<b>22</b>
13-2011	Accountants & Auditors	330	360	9.1%	3	10	13
13-2021	Appraisers & Assessors of Real Estate	40	40	0.0%	0	0	0
13-2051	Financial Analysts	20	20	0.0%	0	0	0
13-2072	Loan Officers	80	90	12.5%	0	2	2
13-2081	Tax Examiners, Collectors & Revenue Agents	60	60	0.0%	0	2	2
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>560</b>	<b>590</b>	<b>5.4%</b>	<b>3</b>	<b>9</b>	<b>12</b>
15-1121	Computer Systems Analysts	30	30	0.0%	0	0	0
15-1131	Computer Programmers	60	60	0.0%	0	2	2
15-1132	Software Developers, Applications	50	50	0.0%	0	1	1
15-1133	Software Developers, Systems Software	50	60	20.0%	0	1	1
15-1134	Web Developers	70	80	14.3%	1	1	2
15-1141	Database Administrators	10	10	0.0%	0	0	0
15-1142	Network & Computer Systems Administrators	70	70	0.0%	0	1	1
15-1143	Computer Network Architects	20	20	0.0%	0	0	0
15-1151	Computer User Support Specialists	140	140	0.0%	0	2	2
15-1199	Computer Occupations, Other	40	40	0.0%	0	1	1
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>650</b>	<b>670</b>	<b>3.1%</b>	<b>2</b>	<b>15</b>	<b>17</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>50</b>	<b>60</b>	<b>20.0%</b>	<b>0</b>	<b>1</b>	<b>1</b>
17-1011	Architects	30	30	0.0%	0	1	1
17-1022	Surveyors	20	20	0.0%	0	0	0
<b>17-2000</b>	<b>Engineers</b>	<b>400</b>	<b>420</b>	<b>5.0%</b>	<b>2</b>	<b>10</b>	<b>12</b>
17-2051	Civil Engineers	210	220	4.8%	1	5	6
17-2071	Electrical Engineers	20	20	0.0%	0	0	0
17-2072	Electronics Engineers	10	10	0.0%	0	0	0
17-2112	Industrial Engineers	40	40	0.0%	0	1	1
17-2141	Mechanical Engineers	70	70	0.0%	0	2	2
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	<b>200</b>	<b>200</b>	<b>0.0%</b>	<b>0</b>	<b>4</b>	<b>4</b>
17-3011	Architectural & Civil Drafters	40	40	0.0%	0	0	0
17-3013	Mechanical Drafters	30	30	0.0%	0	0	0
17-3022	Civil Engineering Technicians	50	50	0.0%	0	1	1

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17-3031	Surveying & Mapping Technicians	30	30	0.0%	0	1	1
<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>310</b>	<b>330</b>	<b>6.5%</b>	<b>2</b>	<b>8</b>	<b>10</b>
<b>19-2000</b>	<b>Physical Scientists</b>	<b>40</b>	<b>40</b>	<b>0.0%</b>	<b>0</b>	<b>1</b>	<b>1</b>
19-2041	Environmental Scientists & Specialists	20	20	0.0%	0	1	1
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	<b>190</b>	<b>210</b>	<b>10.5%</b>	<b>2</b>	<b>5</b>	<b>7</b>
19-3022	Survey Researchers	20	30	50.0%	0	0	0
19-3031	Clinical, Counseling & School Psychologists	140	150	7.1%	1	4	5
19-3099	Social Scientists & Related Workers, Other	10	10	0.0%	0	0	0
19-4099	Life, Physical & Social Science Technicians, Other	10	0	-100.0%	0	0	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>1,340</b>	<b>1,510</b>	<b>12.7%</b>	<b>18</b>	<b>31</b>	<b>49</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Other Community &amp; Social Service Specialists</b>	<b>1,030</b>	<b>1,200</b>	<b>16.5%</b>	<b>17</b>	<b>23</b>	<b>40</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	150	190	26.7%	4	3	7
21-1012	Educational, Guidance, School & Vocational Counselors	110	120	9.1%	1	2	3
21-1014	Mental Health Counselors	80	100	25.0%	2	2	4
21-1021	Child, Family & School Social Workers	160	180	12.5%	2	3	5
21-1022	Healthcare Social Workers	70	80	14.3%	2	1	3
21-1023	Mental Health & Substance Abuse Social Workers	60	70	16.7%	1	1	2
21-1029	Social Workers, Other	20	20	0.0%	0	0	0
21-1091	Health Educators	20	20	0.0%	0	0	0
21-1093	Social & Human Service Assistants	190	230	21.1%	4	5	9
<b>21-2000</b>	<b>Religious Workers</b>	<b>310</b>	<b>320</b>	<b>3.2%</b>	<b>1</b>	<b>8</b>	<b>9</b>
21-2011	Clergy	170	170	0.0%	1	3	4
<b>23-0000</b>	<b>Legal Occupations</b>	<b>220</b>	<b>280</b>	<b>27.3%</b>	<b>5</b>	<b>4</b>	<b>9</b>
<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>130</b>	<b>160</b>	<b>23.1%</b>	<b>3</b>	<b>2</b>	<b>5</b>
23-1011	Lawyers	120	150	25.0%	3	2	5
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>90</b>	<b>120</b>	<b>33.3%</b>	<b>3</b>	<b>2</b>	<b>5</b>
23-2011	Paralegals & Legal Assistants	50	70	40.0%	2	1	3
23-2099	Legal Support Workers, Other	10	10	0.0%	0	0	0
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>3,140</b>	<b>3,190</b>	<b>1.6%</b>	<b>11</b>	<b>67</b>	<b>78</b>
25-1194	Vocational Education Teachers, Postsecondary	50	60	20.0%	1	1	2
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	<b>1,560</b>	<b>1,560</b>	<b>0.0%</b>	<b>3</b>	<b>36</b>	<b>39</b>
25-2011	Preschool Teachers	130	150	15.4%	1	4	5
25-2012	Kindergarten Teachers	90	90	0.0%	0	2	2
25-2021	Elementary School Teachers	640	660	3.1%	1	14	15
25-2031	Secondary School Teachers	300	280	-6.7%	0	8	8

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<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	<b>450</b>	<b>430</b>	<b>-4.4%</b>	<b>0</b>	<b>8</b>	<b>8</b>
25-3021	Self-Enrichment Education Teachers	90	80	-11.1%	0	2	2
25-3098	Substitute Teachers	290	270	-6.9%	0	5	5
25-4021	Librarians	40	40	0.0%	0	1	1
25-4031	Library Technicians	40	50	25.0%	1	2	3
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	<b>630</b>	<b>620</b>	<b>-1.6%</b>	<b>0</b>	<b>14</b>	<b>14</b>
25-9031	Instructional Coordinators	30	30	0.0%	0	0	0
25-9041	Teacher Assistants	600	580	-3.3%	0	14	14
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>620</b>	<b>650</b>	<b>4.8%</b>	<b>4</b>	<b>14</b>	<b>18</b>
27-1023	Floral Designers	40	40	0.0%	0	1	1
27-1024	Graphic Designers	80	80	0.0%	1	2	3
<b>27-2000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	<b>150</b>	<b>160</b>	<b>6.7%</b>	<b>1</b>	<b>4</b>	<b>5</b>
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	<b>240</b>	<b>260</b>	<b>8.3%</b>	<b>2</b>	<b>5</b>	<b>7</b>
27-3022	Reporters & Correspondents	20	20	0.0%	0	1	1
27-3031	Public Relations Specialists	80	80	0.0%	1	1	2
27-3043	Writers & Authors	60	60	0.0%	0	1	1
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>4,420</b>	<b>5,120</b>	<b>15.8%</b>	<b>70</b>	<b>91</b>	<b>161</b>
<b>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	<b>2,510</b>	<b>2,940</b>	<b>17.1%</b>	<b>43</b>	<b>51</b>	<b>94</b>
29-1031	Dietitians & Nutritionists	60	70	16.7%	1	1	2
29-1051	Pharmacists	130	140	7.7%	1	3	4
29-1061	Anesthesiologists	30	30	0.0%	0	1	1
29-1062	Family & General Practitioners	90	90	0.0%	0	2	2
29-1067	Surgeons	40	40	0.0%	0	1	1
29-1069	Physicians & Surgeons, Other	110	120	9.1%	0	3	3
29-1071	Physician Assistants	70	70	0.0%	0	1	1
29-1122	Occupational Therapists	110	140	27.3%	2	2	4
29-1123	Physical Therapists	160	190	18.8%	3	4	7
29-1125	Recreational Therapists	20	20	0.0%	0	0	0
29-1126	Respiratory Therapists	50	60	20.0%	1	1	2
29-1127	Speech-Language Pathologists	50	60	20.0%	1	1	2
29-1141	Registered Nurses	1,370	1,660	21.2%	30	26	56
29-1151	Nurse Anesthetists	20	20	0.0%	0	0	0
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	<b>1,890</b>	<b>2,150</b>	<b>13.8%</b>	<b>27</b>	<b>39</b>	<b>66</b>
29-2011	Medical & Clinical Laboratory Technologists	100	100	0.0%	0	3	3
29-2012	Medical & Clinical Laboratory Technicians	120	120	0.0%	0	3	3

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29-2021	Dental Hygienists	90	100	11.1%	1	2	3
29-2031	Cardiovascular Technologists & Technicians	50	60	20.0%	1	1	2
29-2033	Nuclear Medicine Technologists	20	20	0.0%	0	0	0
29-2034	Radiologic Technologists	190	210	10.5%	2	3	5
29-2041	Emergency Medical Technicians & Paramedics	150	170	13.3%	2	4	6
29-2052	Pharmacy Technicians	200	220	10.0%	3	2	5
29-2055	Surgical Technologists	40	50	25.0%	1	0	1
29-2061	Licensed Practical & Licensed Vocational Nurses	620	730	17.7%	12	15	27
29-2071	Medical Records & Health Information Technicians	100	110	10.0%	1	3	4
29-2081	Opticians, Dispensing	50	50	0.0%	1	1	2
29-2091	Orthotists & Prosthetists	10	20	100.0%	1	0	1
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	<b>30</b>	<b>30</b>	<b>0.0%</b>	<b>0</b>	<b>1</b>	<b>1</b>
29-9011	Occupational Health & Safety Specialists	20	20	0.0%	0	0	0
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>2,980</b>	<b>3,560</b>	<b>19.5%</b>	<b>59</b>	<b>58</b>	<b>117</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>2,210</b>	<b>2,680</b>	<b>21.3%</b>	<b>47</b>	<b>42</b>	<b>89</b>
31-1014	Nursing Assistants	1,290	1,430	10.9%	14	24	38
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>230</b>	<b>290</b>	<b>26.1%</b>	<b>6</b>	<b>5</b>	<b>11</b>
31-2011	Occupational Therapy Assistants	80	90	12.5%	2	2	4
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>540</b>	<b>590</b>	<b>9.3%</b>	<b>5</b>	<b>10</b>	<b>15</b>
31-9091	Dental Assistants	110	110	0.0%	0	2	2
31-9092	Medical Assistants	290	330	13.8%	4	6	10
31-9094	Medical Transcriptionists	40	40	0.0%	0	1	1
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,050</b>	<b>1,130</b>	<b>7.6%</b>	<b>8</b>	<b>35</b>	<b>43</b>
33-1012	Supervisors - Police & Detectives	30	30	0.0%	0	1	1
33-1099	Supervisors - Protective Service Workers, Other	20	20	0.0%	0	0	0
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>340</b>	<b>350</b>	<b>2.9%</b>	<b>1</b>	<b>10</b>	<b>11</b>
33-3051	Police & Sheriff's Patrol Officers	220	220	0.0%	0	7	7
33-3052	Transit & Railroad Police	10	10	0.0%	0	0	0
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>590</b>	<b>660</b>	<b>11.9%</b>	<b>7</b>	<b>21</b>	<b>28</b>
33-9032	Security Guards	320	360	12.5%	5	5	10
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>4,750</b>	<b>5,170</b>	<b>8.8%</b>	<b>42</b>	<b>185</b>	<b>227</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>380</b>	<b>420</b>	<b>10.5%</b>	<b>4</b>	<b>10</b>	<b>14</b>
35-1011	Chefs & Head Cooks	20	20	0.0%	0	0	0
35-1012	Supervisors - Food Preparation & Serving Workers	350	400	14.3%	4	10	14
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	<b>930</b>	<b>990</b>	<b>6.5%</b>	<b>6</b>	<b>21</b>	<b>27</b>

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35-2011	Cooks, Fast Food	100	100	0.0%	0	2	2
35-2012	Cooks, Institution & Cafeteria	190	200	5.3%	1	4	5
35-2014	Cooks, Restaurant	310	360	16.1%	4	6	10
35-2015	Cooks, Short Order	50	50	0.0%	0	1	1
35-2021	Food Preparation Workers	280	280	0.0%	0	8	8
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>2,860</b>	<b>3,150</b>	<b>10.1%</b>	<b>29</b>	<b>122</b>	<b>151</b>
35-3011	Bartenders	220	230	4.5%	1	8	9
35-3021	Combined Food Preparation & Serving Workers	1,270	1,440	13.4%	17	48	65
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	260	260	0.0%	0	16	16
35-3031	Waiters & Waitresses	870	910	4.6%	4	42	46
35-3041	Food Servers, Nonrestaurant	250	310	24.0%	7	7	14
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>580</b>	<b>610</b>	<b>5.2%</b>	<b>3</b>	<b>32</b>	<b>35</b>
35-9021	Dishwashers	270	280	3.7%	2	12	14
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	210	230	9.5%	1	16	17
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>2,250</b>	<b>2,360</b>	<b>4.9%</b>	<b>10</b>	<b>46</b>	<b>56</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>120</b>	<b>130</b>	<b>8.3%</b>	<b>1</b>	<b>2</b>	<b>3</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	80	80	0.0%	0	2	2
37-1012	Supervisors - Landscaping & Groundskeeping Workers	50	50	0.0%	0	0	0
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>1,750</b>	<b>1,840</b>	<b>5.1%</b>	<b>9</b>	<b>34</b>	<b>43</b>
37-2011	Janitors & Cleaners	1,170	1,210	3.4%	3	22	25
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>380</b>	<b>390</b>	<b>2.6%</b>	<b>1</b>	<b>10</b>	<b>11</b>
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>2,430</b>	<b>2,830</b>	<b>16.5%</b>	<b>40</b>	<b>56</b>	<b>96</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>120</b>	<b>130</b>	<b>8.3%</b>	<b>1</b>	<b>2</b>	<b>3</b>
39-1021	Supervisors - Personal Service Workers	120	130	8.3%	1	2	3
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>60</b>	<b>60</b>	<b>0.0%</b>	<b>0</b>	<b>1</b>	<b>1</b>
39-2011	Animal Trainers	10	10	0.0%	0	0	0
39-2021	Nonfarm Animal Caretakers	50	50	0.0%	0	1	1
<b>39-3000</b>	<b>Entertainment Attendants &amp; Related Workers</b>	<b>220</b>	<b>240</b>	<b>9.1%</b>	<b>2</b>	<b>11</b>	<b>13</b>
39-3091	Amusement & Recreation Attendants	190	210	10.5%	1	10	11
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>520</b>	<b>570</b>	<b>9.6%</b>	<b>5</b>	<b>12</b>	<b>17</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	480	520	8.3%	4	11	15
<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>1,470</b>	<b>1,790</b>	<b>21.8%</b>	<b>32</b>	<b>30</b>	<b>62</b>
39-9011	Childcare Workers	720	810	12.5%	8	21	29
39-9021	Personal Care Aides	480	690	43.8%	20	4	24

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39-9031	Fitness Trainers & Aerobics Instructors	120	140	16.7%	1	2	3
39-9032	Recreation Workers	90	100	11.1%	1	1	2
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>7,370</b>	<b>7,570</b>	<b>2.7%</b>	<b>24</b>	<b>239</b>	<b>263</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	<b>850</b>	<b>860</b>	<b>1.2%</b>	<b>1</b>	<b>17</b>	<b>18</b>
41-1011	Supervisors - Retail Sales Workers	730	740	1.4%	1	16	17
41-1012	Supervisors - Non-Retail Sales Workers	120	120	0.0%	0	2	2
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>4,970</b>	<b>5,140</b>	<b>3.4%</b>	<b>17</b>	<b>188</b>	<b>205</b>
41-2011	Cashiers	2,270	2,280	0.4%	1	98	99
41-2021	Counter & Rental Clerks	180	200	11.1%	1	5	6
41-2031	Retail Salespersons	2,420	2,570	6.2%	14	83	97
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>530</b>	<b>560</b>	<b>5.7%</b>	<b>4</b>	<b>14</b>	<b>18</b>
41-3021	Insurance Sales Agents	100	100	0.0%	0	2	2
41-3031	Securities, Commodities & Financial Services Sales Agents	90	100	11.1%	1	2	3
41-3099	Sales Representatives, Other Services	250	270	8.0%	3	7	10
<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	<b>780</b>	<b>790</b>	<b>1.3%</b>	<b>1</b>	<b>15</b>	<b>16</b>
41-4011	Sales Representatives, Technical & Scientific Products	180	190	5.6%	1	4	5
41-4012	Sales Representatives	600	600	0.0%	0	12	12
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	<b>240</b>	<b>230</b>	<b>-4.2%</b>	<b>1</b>	<b>4</b>	<b>5</b>
41-9022	Real Estate Sales Agents	70	70	0.0%	0	1	1
41-9099	Sales & Related Workers, Other	30	30	0.0%	0	1	1
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>9,410</b>	<b>9,500</b>	<b>1.0%</b>	<b>37</b>	<b>205</b>	<b>242</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	<b>590</b>	<b>630</b>	<b>6.8%</b>	<b>4</b>	<b>14</b>	<b>18</b>
43-1011	Supervisors - Office & Administrative Support Workers	590	630	6.8%	4	14	18
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>170</b>	<b>140</b>	<b>-17.6%</b>	<b>0</b>	<b>4</b>	<b>4</b>
<b>43-3000</b>	<b>Financial Clerks</b>	<b>1,420</b>	<b>1,470</b>	<b>3.5%</b>	<b>7</b>	<b>29</b>	<b>36</b>
43-3011	Bill & Account Collectors	70	70	0.0%	0	2	2
43-3021	Billing & Posting Clerks	250	280	12.0%	3	5	8
43-3031	Bookkeeping, Accounting & Auditing Clerks	670	700	4.5%	3	6	9
43-3051	Payroll & Timekeeping Clerks	120	120	0.0%	0	2	2
43-3071	Tellers	290	270	-6.9%	0	13	13
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	<b>1,970</b>	<b>2,010</b>	<b>2.0%</b>	<b>6</b>	<b>51</b>	<b>57</b>
43-4051	Customer Service Representatives	890	920	3.4%	3	24	27
43-4061	Eligibility Interviewers, Government Programs	240	240	0.0%	0	5	5
43-4071	File Clerks	30	30	0.0%	0	1	1
43-4081	Hotel, Motel & Resort Desk Clerks	70	80	14.3%	0	4	4

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43-4111	Interviewers	60	60	0.0%	0	1	1
43-4121	Library Assistants, Clerical	30	30	0.0%	0	1	1
43-4131	Loan Interviewers & Clerks	30	30	0.0%	0	0	0
43-4151	Order Clerks	40	40	0.0%	0	1	1
43-4161	Human Resources Assistants	90	90	0.0%	0	2	2
43-4171	Receptionists & Information Clerks	360	380	5.6%	2	10	12
43-4199	Information & Record Clerks, Other	30	30	0.0%	0	1	1
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>2,060</b>	<b>1,960</b>	<b>-4.9%</b>	<b>2</b>	<b>58</b>	<b>60</b>
43-5032	Dispatchers	90	100	11.1%	1	2	3
43-5051	Postal Service Clerks	30	20	-33.3%	0	0	0
43-5052	Postal Service Mail Carriers	130	100	-23.1%	0	5	5
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	80	60	-25.0%	0	1	1
43-5061	Production, Planning & Expediting Clerks	100	100	0.0%	0	2	2
43-5071	Shipping, Receiving & Traffic Clerks	320	310	-3.1%	0	8	8
43-5081	Stock Clerks & Order Fillers	1,200	1,170	-2.5%	0	36	36
<b>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>1,670</b>	<b>1,820</b>	<b>9.0%</b>	<b>16</b>	<b>20</b>	<b>36</b>
43-6013	Medical Secretaries	350	430	22.9%	8	4	12
43-6014	Secretaries	1,090	1,170	7.3%	8	13	21
<b>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>1,550</b>	<b>1,470</b>	<b>-5.2%</b>	<b>2</b>	<b>29</b>	<b>31</b>
43-9021	Data Entry Keyers	50	30	-40.0%	0	1	1
43-9061	Office Clerks, General	1,200	1,210	0.8%	2	25	27
43-9071	Office Machine Operators	20	20	0.0%	0	0	0
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>380</b>	<b>370</b>	<b>-2.6%</b>	<b>0</b>	<b>11</b>	<b>11</b>
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>370</b>	<b>350</b>	<b>-5.4%</b>	<b>0</b>	<b>11</b>	<b>11</b>
45-2091	Agricultural Equipment Operators	20	20	0.0%	0	1	1
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>2,690</b>	<b>3,010</b>	<b>11.9%</b>	<b>34</b>	<b>45</b>	<b>79</b>
<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	<b>210</b>	<b>240</b>	<b>14.3%</b>	<b>2</b>	<b>2</b>	<b>4</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	210	240	14.3%	2	2	4
<b>47-2000</b>	<b>Construction Trades Workers</b>	<b>2,010</b>	<b>2,260</b>	<b>12.4%</b>	<b>27</b>	<b>34</b>	<b>61</b>
47-2021	Brickmasons & Blockmasons	30	40	33.3%	0	0	0
47-2031	Carpenters	580	680	17.2%	10	7	17
47-2051	Cement Masons & Concrete Finishers	40	40	0.0%	0	0	0
47-2061	Construction Laborers	440	520	18.2%	8	9	17
47-2073	Operating Engineers & Other Construction Equipment Operators	220	230	4.5%	1	5	6
47-2111	Electricians	220	250	13.6%	2	4	6

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47-2141	Painters, Construction & Maintenance	70	80	14.3%	1	1	2
47-2151	Pipelayers	10	10	0.0%	0	0	0
47-2152	Plumbers, Pipefitters & Steamfitters	160	190	18.8%	2	2	4
47-2181	Roofers	80	70	-12.5%	0	2	2
47-2211	Sheet Metal Workers	10	10	0.0%	0	0	0
47-3013	Helpers--Electricians	30	40	33.3%	1	0	1
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	60	70	16.7%	1	1	2
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	<b>300</b>	<b>320</b>	<b>6.7%</b>	<b>2</b>	<b>6</b>	<b>8</b>
47-4011	Construction & Building Inspectors	130	140	7.7%	0	3	3
47-4041	Hazardous Materials Removal Workers	20	20	0.0%	0	0	0
47-4051	Highway Maintenance Workers	90	90	0.0%	0	1	1
47-4061	Rail-Track Laying & Maintenance Equipment Operators	20	20	0.0%	0	0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	10	20	100.0%	0	0	0
47-5051	Rock Splitters, Quarry	20	20	0.0%	0	0	0
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>2,940</b>	<b>3,100</b>	<b>5.4%</b>	<b>18</b>	<b>70</b>	<b>88</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	<b>200</b>	<b>210</b>	<b>5.0%</b>	<b>1</b>	<b>5</b>	<b>6</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	200	210	5.0%	1	5	6
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	<b>220</b>	<b>230</b>	<b>4.5%</b>	<b>1</b>	<b>4</b>	<b>5</b>
49-2011	Computer, Automated Teller & Office Machine Repairers	50	50	0.0%	0	1	1
49-2022	Telecommunications Equipment Installers & Repairers	30	40	33.3%	0	0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	40	40	0.0%	0	1	1
49-2098	Security & Fire Alarm Systems Installers	40	50	25.0%	1	1	2
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>1,040</b>	<b>1,080</b>	<b>3.8%</b>	<b>5</b>	<b>26</b>	<b>31</b>
49-3011	Aircraft Mechanics & Service Technicians	10	10	0.0%	0	0	0
49-3021	Automotive Body & Related Repairers	100	90	-10.0%	0	2	2
49-3023	Automotive Service Technicians & Mechanics	510	530	3.9%	2	13	15
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	170	190	11.8%	2	4	6
49-3041	Farm Equipment Mechanics & Service Technicians	30	20	-33.3%	0	1	1
49-3042	Mobile Heavy Equipment Mechanics	60	60	0.0%	0	2	2
49-3043	Rail Car Repairers	60	50	-16.7%	0	2	2
49-3093	Tire Repairers & Changers	60	60	0.0%	0	2	2
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>1,480</b>	<b>1,580</b>	<b>6.8%</b>	<b>11</b>	<b>34</b>	<b>45</b>
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	170	180	5.9%	1	4	5
49-9041	Industrial Machinery Mechanics	200	230	15.0%	3	6	9
49-9043	Maintenance Workers, Machinery	70	70	0.0%	0	1	1

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49-9044	Millwrights	30	30	0.0%	0	0	0
49-9051	Electrical Power-Line Installers & Repairers	80	80	0.0%	1	3	4
49-9062	Medical Equipment Repairers	30	40	33.3%	0	1	1
49-9071	Maintenance & Repair Workers, General	640	680	6.2%	3	12	15
49-9097	Signal & Track Switch Repairers	20	20	0.0%	0	0	0
49-9098	Helpers--Installation, Maintenance & Repair Workers	60	50	-16.7%	0	2	2
<b>51-0000</b>	<b>Production Occupations</b>	<b>5,580</b>	<b>5,600</b>	<b>0.4%</b>	<b>16</b>	<b>111</b>	<b>127</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>360</b>	<b>360</b>	<b>0.0%</b>	<b>0</b>	<b>5</b>	<b>5</b>
51-1011	Supervisors - Production & Operating Workers	360	360	0.0%	0	5	5
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>960</b>	<b>990</b>	<b>3.1%</b>	<b>4</b>	<b>15</b>	<b>19</b>
51-2031	Engine & Other Machine Assemblers	30	20	-33.3%	0	0	0
51-2041	Structural Metal Fabricators & Fitters	40	40	0.0%	0	2	2
51-2092	Team Assemblers	620	660	6.5%	4	10	14
51-2099	Assemblers & Fabricators, Other	30	30	0.0%	0	0	0
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>420</b>	<b>440</b>	<b>4.8%</b>	<b>2</b>	<b>11</b>	<b>13</b>
51-3011	Bakers	100	100	0.0%	0	2	2
51-3021	Butchers & Meat Cutters	90	90	0.0%	0	2	2
51-3022	Meat, Poultry & Fish Cutters & Trimmers	50	50	0.0%	0	1	1
51-3023	Slaughterers & Meat Packers	40	40	0.0%	0	1	1
51-3092	Food Batchmakers	120	120	0.0%	0	4	4
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>810</b>	<b>790</b>	<b>-2.5%</b>	<b>1</b>	<b>17</b>	<b>18</b>
51-4011	Computer-Controlled Machine Tool Operators	50	50	0.0%	1	1	2
51-4012	Computer Numerically Controlled Machine Tool Programmers	10	10	0.0%	0	0	0
51-4031	Cutting, Punching & Press Machine Operators	70	70	0.0%	0	1	1
51-4041	Machinists	280	290	3.6%	0	6	6
51-4121	Welders, Cutters, Solderers & Brazers	170	170	0.0%	0	4	4
51-4122	Welding, Soldering & Brazing Machine Operators	30	30	0.0%	0	1	1
<b>51-5100</b>	<b>Printing Workers</b>	<b>320</b>	<b>280</b>	<b>-12.5%</b>	<b>0</b>	<b>6</b>	<b>6</b>
51-5112	Printing Press Operators	240	220	-8.3%	0	4	4
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	<b>450</b>	<b>470</b>	<b>4.4%</b>	<b>3</b>	<b>7</b>	<b>10</b>
51-6011	Laundry & Dry-Cleaning Workers	130	150	15.4%	2	4	6
51-6031	Sewing Machine Operators	160	170	6.2%	0	1	1
<b>51-7000</b>	<b>Woodworkers</b>	<b>100</b>	<b>120</b>	<b>20.0%</b>	<b>2</b>	<b>1</b>	<b>3</b>
51-7042	Woodworking Machine Operators	50	60	20.0%	1	0	1
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	<b>170</b>	<b>180</b>	<b>5.9%</b>	<b>0</b>	<b>6</b>	<b>6</b>

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51-8021	Stationary Engineers & Boiler Operators	50	50	0.0%	0	1	1
51-8031	Water & Wastewater Treatment Plant & System Operators	60	60	0.0%	0	2	2
51-8092	Gas Plant Operators	10	10	0.0%	0	0	0
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>1,990</b>	<b>1,990</b>	<b>0.0%</b>	<b>4</b>	<b>42</b>	<b>46</b>
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	30	30	0.0%	0	1	1
51-9021	Crushing, Grinding & Polishing Machine Operators	20	20	0.0%	0	0	0
51-9023	Mixing & Blending Machine Operators	120	120	0.0%	0	3	3
51-9032	Cutting & Slicing Machine Operators	130	120	-7.7%	0	2	2
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	150	140	-6.7%	0	3	3
51-9083	Ophthalmic Laboratory Technicians	50	60	20.0%	1	2	3
51-9111	Packaging & Filling Machine Operators	300	290	-3.3%	0	7	7
51-9123	Painting, Coating & Decorating Workers	40	50	25.0%	0	1	1
51-9151	Photographic Process Workers & Processing Machine Operators	30	30	0.0%	0	1	1
51-9193	Cooling & Freezing Equipment Operators	10	0	-100.0%	0	0	0
51-9196	Paper Goods Machine Operators	330	320	-3.0%	0	3	3
51-9198	Helpers--Production Workers	280	280	0.0%	0	5	5
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>5,940</b>	<b>6,310</b>	<b>6.2%</b>	<b>40</b>	<b>140</b>	<b>180</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	100	110	10.0%	1	3	4
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>2,450</b>	<b>2,670</b>	<b>9.0%</b>	<b>22</b>	<b>39</b>	<b>61</b>
53-3022	Bus Drivers, School or Special Client	180	210	16.7%	3	3	6
53-3031	Driver/Sales Workers	430	430	0.0%	0	7	7
53-3032	Heavy & Tractor-Trailer Truck Drivers	1,210	1,380	14.0%	16	19	35
53-3033	Light Truck or Delivery Services Drivers	520	520	0.0%	0	8	8
<b>53-4000</b>	<b>Rail Transportation Workers</b>	<b>470</b>	<b>460</b>	<b>-2.1%</b>	<b>0</b>	<b>14</b>	<b>14</b>
53-4011	Locomotive Engineers	170	160	-5.9%	0	5	5
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	10	10	0.0%	0	0	0
53-4021	Railroad Brake, Signal & Switch Operators	100	100	0.0%	0	3	3
53-4031	Railroad Conductors & Yardmasters	180	170	-5.6%	0	5	5
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>90</b>	<b>100</b>	<b>11.1%</b>	<b>1</b>	<b>3</b>	<b>4</b>
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>2,740</b>	<b>2,880</b>	<b>5.1%</b>	<b>15</b>	<b>78</b>	<b>93</b>
53-7011	Conveyor Operators	10	10	0.0%	0	0	0
53-7051	Industrial Truck & Tractor Operators	340	340	0.0%	0	8	8
53-7061	Cleaners of Vehicles & Equipment	260	300	15.4%	4	7	11

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

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	<u>Average Annual Openings</u>		
					Due to Growth <sup>1/</sup>	Due to Replace. <sup>2/</sup>	Total <sup>3/</sup>
53-7062	Laborers & Freight, Stock & Material Movers	1,550	1,640	5.8%	9	48	57
53-7064	Packers & Packagers, Hand	320	320	0.0%	0	8	8
53-7081	Refuse & Recyclable Material Collectors	50	50	0.0%	1	1	2

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.