

**Harrisburg-Carlisle 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>330,160</b>	<b>357,400</b>	<b>8.3%</b>	<b>2,992</b>	<b>7,779</b>	<b>10,771</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>15,770</b>	<b>16,660</b>	<b>5.6%</b>	<b>105</b>	<b>316</b>	<b>421</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>4,630</b>	<b>4,930</b>	<b>6.5%</b>	<b>31</b>	<b>90</b>	<b>121</b>
11-1021	General & Operations Managers	3,400	3,690	8.5%	29	64	93
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations &amp; Sales Managers</b>	<b>1,180</b>	<b>1,270</b>	<b>7.6%</b>	<b>9</b>	<b>26</b>	<b>35</b>
11-2011	Advertising & Promotions Managers	60	60	0.0%	0	2	2
11-2021	Marketing Managers	380	420	10.5%	4	8	12
11-2022	Sales Managers	510	540	5.9%	3	11	14
11-2031	Public Relations & Fundraising Managers	230	240	4.3%	2	5	7
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>3,240</b>	<b>3,520</b>	<b>8.6%</b>	<b>28</b>	<b>60</b>	<b>88</b>
11-3011	Administrative Services Managers	790	860	8.9%	7	13	20
11-3021	Computer & Information Systems Managers	630	740	17.5%	10	9	19
11-3031	Financial Managers	800	840	5.0%	4	15	19
11-3051	Industrial Production Managers	200	190	-5.0%	0	4	4
11-3061	Purchasing Managers	170	190	11.8%	2	4	6
11-3071	Transportation, Storage & Distribution Managers	310	330	6.5%	2	7	9
11-3111	Compensation & Benefits Managers	70	70	0.0%	0	2	2
11-3121	Human Resources Managers	250	280	12.0%	3	6	9
11-3131	Training & Development Managers	40	40	0.0%	0	1	1
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>6,720</b>	<b>6,940</b>	<b>3.3%</b>	<b>37</b>	<b>140</b>	<b>177</b>
11-9021	Construction Managers	400	450	12.5%	4	6	10
11-9032	Education Administrators, Elementary & Secondary School	390	400	2.6%	1	10	11
11-9033	Education Administrators, Postsecondary	270	310	14.8%	3	7	10
11-9039	Education Administrators, Other	80	80	0.0%	0	2	2
11-9041	Architectural & Engineering Managers	310	340	9.7%	3	8	11
11-9051	Food Service Managers	300	310	3.3%	1	5	6
11-9081	Lodging Managers	90	90	0.0%	0	3	3
11-9111	Medical & Health Services Managers	830	940	13.3%	11	20	31
11-9121	Natural Sciences Managers	90	100	11.1%	0	2	2
11-9131	Postmasters & Mail Superintendents	40	30	-25.0%	0	1	1
11-9141	Property, Real Estate & Community Association Managers	150	160	6.7%	2	3	5
11-9151	Social & Community Service Managers	360	400	11.1%	3	8	11
11-9199	Managers, Other	1,530	1,590	3.9%	6	33	39
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>22,160</b>	<b>24,310</b>	<b>9.7%</b>	<b>222</b>	<b>475</b>	<b>697</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>14,360</b>	<b>15,870</b>	<b>10.5%</b>	<b>152</b>	<b>259</b>	<b>411</b>

**Harrisburg-Carlisle 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>
13-1022	Wholesale & Retail Buyers	370	390	5.4%	3	9	12
13-1023	Purchasing Agents	750	800	6.7%	4	14	18
13-1031	Claims Adjusters, Examiners & Investigators	1,980	2,190	10.6%	21	46	67
13-1041	Compliance Officers	1,430	1,510	5.6%	8	26	34
13-1051	Cost Estimators	500	590	18.0%	9	16	25
13-1071	Human Resources Specialists	1,520	1,610	5.9%	8	28	36
13-1075	Labor Relations Specialists	460	450	-2.2%	0	8	8
13-1081	Logisticians	270	350	29.6%	8	3	11
13-1111	Management Analysts	2,680	2,980	11.2%	30	42	72
13-1121	Meeting, Convention & Event Planners	310	410	32.3%	9	4	13
13-1131	Fundraisers	120	130	8.3%	1	2	3
13-1141	Compensation, Benefits & Job Analysis Specialists	430	450	4.7%	2	8	10
13-1151	Training & Development Specialists	890	990	11.2%	10	16	26
13-1161	Market Research Analysts & Marketing Specialists	1,380	1,760	27.5%	38	19	57
13-1199	Business Operations Specialists, Other	1,220	1,230	0.8%	0	17	17
<b>13-2000</b>	<b>Financial Specialists</b>	<b>7,800</b>	<b>8,440</b>	<b>8.2%</b>	<b>70</b>	<b>216</b>	<b>286</b>
13-2011	Accountants & Auditors	3,570	3,960	10.9%	39	106	145
13-2031	Budget Analysts	380	440	15.8%	5	15	20
13-2041	Credit Analysts	110	120	9.1%	1	3	4
13-2051	Financial Analysts	930	1,040	11.8%	11	23	34
13-2052	Personal Financial Advisors	220	280	27.3%	7	4	11
13-2053	Insurance Underwriters	560	520	-7.1%	0	15	15
13-2061	Financial Examiners	120	130	8.3%	0	3	3
13-2072	Loan Officers	490	470	-4.1%	0	9	9
13-2081	Tax Examiners, Collectors & Revenue Agents	940	970	3.2%	3	32	35
13-2082	Tax Preparers	130	140	7.7%	1	3	4
13-2099	Financial Specialists, Other	220	240	9.1%	2	2	4
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>11,130</b>	<b>13,050</b>	<b>17.3%</b>	<b>192</b>	<b>187</b>	<b>379</b>
<b>15-1100</b>	<b>Computer Occupations</b>	<b>10,450</b>	<b>12,290</b>	<b>17.6%</b>	<b>183</b>	<b>169</b>	<b>352</b>
15-1121	Computer Systems Analysts	1,750	2,270	29.7%	52	28	80
15-1131	Computer Programmers	1,010	1,170	15.8%	16	26	42
15-1132	Software Developers, Applications	1,630	1,900	16.6%	27	21	48
15-1133	Software Developers, Systems Software	860	1,090	26.7%	23	11	34
15-1134	Web Developers	300	340	13.3%	4	5	9
15-1141	Database Administrators	440	490	11.4%	5	8	13

**Harrisburg-Carlisle 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>
15-1142	Network & Computer Systems Administrators	1,060	1,190	12.3%	13	17	30
15-1143	Computer Network Architects	280	310	10.7%	3	4	7
15-1151	Computer User Support Specialists	1,270	1,540	21.3%	27	20	47
15-1152	Computer Network Support Specialists	730	780	6.8%	6	11	17
15-1199	Computer Occupations, Other	960	990	3.1%	3	15	18
<b>15-2000</b>	<b>Mathematical Scientists</b>	<b>680</b>	<b>760</b>	<b>11.8%</b>	<b>9</b>	<b>18</b>	<b>27</b>
15-2011	Actuaries	130	160	23.1%	3	4	7
15-2031	Operations Research Analysts	310	360	16.1%	6	7	13
15-2041	Statisticians	230	230	0.0%	0	7	7
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>5,460</b>	<b>6,070</b>	<b>11.2%</b>	<b>63</b>	<b>128</b>	<b>191</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>270</b>	<b>290</b>	<b>7.4%</b>	<b>3</b>	<b>6</b>	<b>9</b>
17-1011	Architects	140	160	14.3%	2	3	5
17-1022	Surveyors	90	100	11.1%	0	2	2
<b>17-2000</b>	<b>Engineers</b>	<b>3,830</b>	<b>4,350</b>	<b>13.6%</b>	<b>53</b>	<b>98</b>	<b>151</b>
17-2041	Chemical Engineers	20	20	0.0%	0	0	0
17-2051	Civil Engineers	1,470	1,750	19.0%	28	36	64
17-2071	Electrical Engineers	250	280	12.0%	3	6	9
17-2072	Electronics Engineers	380	410	7.9%	2	8	10
17-2081	Environmental Engineers	230	250	8.7%	3	6	9
17-2111	Health & Safety Engineers	60	70	16.7%	1	2	3
17-2112	Industrial Engineers	560	660	17.9%	10	16	26
17-2131	Materials Engineers	40	40	0.0%	0	1	1
17-2141	Mechanical Engineers	410	450	9.8%	4	14	18
17-2199	Engineers, Other	140	140	0.0%	0	2	2
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	<b>1,370</b>	<b>1,430</b>	<b>4.4%</b>	<b>8</b>	<b>24</b>	<b>32</b>
17-3011	Architectural & Civil Drafters	240	230	-4.2%	0	3	3
17-3012	Electrical & Electronics Drafters	130	150	15.4%	1	2	3
17-3013	Mechanical Drafters	80	80	0.0%	0	1	1
17-3022	Civil Engineering Technicians	160	160	0.0%	1	3	4
17-3023	Electrical & Electronic Engineering Technicians	310	340	9.7%	2	6	8
17-3025	Environmental Engineering Technicians	70	70	0.0%	1	1	2
17-3026	Industrial Engineering Technicians	60	60	0.0%	0	1	1
17-3027	Mechanical Engineering Technicians	60	60	0.0%	0	1	1
17-3029	Engineering Technicians, Other	110	110	0.0%	0	2	2
17-3031	Surveying & Mapping Technicians	130	150	15.4%	2	2	4

**Harrisburg-Carlisle 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>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>2,760</b>	<b>3,000</b>	<b>8.7%</b>	<b>25</b>	<b>79</b>	<b>104</b>
<b>19-1000</b>	<b>Life Scientists</b>	<b>510</b>	<b>550</b>	<b>7.8%</b>	<b>4</b>	<b>14</b>	<b>18</b>
19-1013	Soil & Plant Scientists	20	30	50.0%	0	1	1
19-1023	Zoologists & Wildlife Biologists	110	130	18.2%	2	3	5
19-1031	Conservation Scientists	50	50	0.0%	0	1	1
19-1042	Medical Scientists	70	80	14.3%	1	1	2
<b>19-2000</b>	<b>Physical Scientists</b>	<b>810</b>	<b>880</b>	<b>8.6%</b>	<b>7</b>	<b>22</b>	<b>29</b>
19-2012	Physicists	10	10	0.0%	0	0	0
19-2031	Chemists	200	210	5.0%	1	5	6
19-2041	Environmental Scientists & Specialists	340	370	8.8%	3	10	13
19-2042	Geoscientists	140	150	7.1%	1	4	5
19-2043	Hydrologists	40	40	0.0%	0	1	1
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	<b>1,010</b>	<b>1,110</b>	<b>9.9%</b>	<b>11</b>	<b>28</b>	<b>39</b>
19-3022	Survey Researchers	90	110	22.2%	2	1	3
19-3031	Clinical, Counseling & School Psychologists	560	630	12.5%	7	15	22
19-3051	Urban & Regional Planners	160	170	6.2%	1	7	8
19-3093	Historians	40	40	0.0%	0	1	1
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Technicians</b>	<b>430</b>	<b>460</b>	<b>7.0%</b>	<b>3</b>	<b>15</b>	<b>18</b>
19-4011	Agricultural & Food Science Technicians	20	20	0.0%	0	1	1
19-4092	Forensic Science Technicians	30	30	0.0%	0	1	1
19-4099	Life, Physical & Social Science Technicians, Other	40	40	0.0%	0	1	1
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>7,670</b>	<b>8,100</b>	<b>5.6%</b>	<b>46</b>	<b>182</b>	<b>228</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Other Community &amp; Social Service Specialists</b>	<b>5,440</b>	<b>5,890</b>	<b>8.3%</b>	<b>46</b>	<b>126</b>	<b>172</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	480	540	12.5%	6	10	16
21-1012	Educational, Guidance, School & Vocational Counselors	510	530	3.9%	2	11	13
21-1014	Mental Health Counselors	440	510	15.9%	8	9	17
21-1015	Rehabilitation Counselors	210	240	14.3%	3	4	7
21-1021	Child, Family & School Social Workers	770	860	11.7%	8	16	24
21-1022	Healthcare Social Workers	300	340	13.3%	4	6	10
21-1023	Mental Health & Substance Abuse Social Workers	430	500	16.3%	7	9	16
21-1029	Social Workers, Other	60	60	0.0%	0	1	1
21-1091	Health Educators	390	420	7.7%	3	10	13
21-1092	Probation Officers & Correctional Treatment Specialists	330	320	-3.0%	0	9	9
21-1093	Social & Human Service Assistants	1,160	1,180	1.7%	2	30	32
21-1094	Community Health Workers	30	30	0.0%	0	1	1

**Harrisburg-Carlisle 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>
21-1099	Community & Social Service Specialists, Other	180	190	5.6%	1	5	6
<b>21-2000</b>	<b>Religious Workers</b>	<b>2,230</b>	<b>2,210</b>	<b>-0.9%</b>	<b>0</b>	<b>56</b>	<b>56</b>
21-2011	Clergy	1,210	1,200	-0.8%	0	25	25
<b>23-0000</b>	<b>Legal Occupations</b>	<b>3,470</b>	<b>3,760</b>	<b>8.4%</b>	<b>28</b>	<b>56</b>	<b>84</b>
<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>2,670</b>	<b>2,870</b>	<b>7.5%</b>	<b>20</b>	<b>43</b>	<b>63</b>
23-1011	Lawyers	2,380	2,570	8.0%	19	38	57
23-1012	Judicial Law Clerks	90	90	0.0%	0	1	1
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	180	190	5.6%	1	3	4
23-1022	Arbitrators, Mediators & Conciliators	20	20	0.0%	0	0	0
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>800</b>	<b>890</b>	<b>11.2%</b>	<b>9</b>	<b>13</b>	<b>22</b>
23-2011	Paralegals & Legal Assistants	540	620	14.8%	8	9	17
23-2099	Legal Support Workers, Other	130	140	7.7%	0	2	2
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>15,790</b>	<b>16,710</b>	<b>5.8%</b>	<b>92</b>	<b>328</b>	<b>420</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>3,760</b>	<b>4,080</b>	<b>8.5%</b>	<b>32</b>	<b>57</b>	<b>89</b>
25-1011	Business Teachers, Postsecondary	350	390	11.4%	4	5	9
25-1021	Computer Science Teachers, Postsecondary	90	100	11.1%	0	1	1
25-1022	Mathematical Science Teachers, Postsecondary	180	190	5.6%	1	3	4
25-1031	Architecture Teachers, Postsecondary	20	20	0.0%	0	0	0
25-1032	Engineering Teachers, Postsecondary	60	70	16.7%	0	1	1
25-1042	Biological Science Teachers, Postsecondary	150	170	13.3%	2	2	4
25-1052	Chemistry Teachers, Postsecondary	60	60	0.0%	0	1	1
25-1054	Physics Teachers, Postsecondary	30	30	0.0%	0	0	0
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	60	60	0.0%	0	1	1
25-1063	Economics Teachers, Postsecondary	40	50	25.0%	0	1	1
25-1065	Political Science Teachers, Postsecondary	70	80	14.3%	1	1	2
25-1066	Psychology Teachers, Postsecondary	140	150	7.1%	1	2	3
25-1067	Sociology Teachers, Postsecondary	60	70	16.7%	0	1	1
25-1071	Health Specialties Teachers, Postsecondary	280	300	7.1%	3	4	7
25-1072	Nursing Instructors & Teachers, Postsecondary	220	240	9.1%	2	3	5
25-1081	Education Teachers, Postsecondary	210	230	9.5%	2	3	5
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	40	40	0.0%	0	1	1
25-1113	Social Work Teachers, Postsecondary	30	40	33.3%	0	0	0
25-1121	Art, Drama & Music Teachers, Postsecondary	200	220	10.0%	2	3	5
25-1122	Communications Teachers, Postsecondary	80	90	12.5%	1	1	2
25-1123	English Language & Literature Teachers, Postsecondary	250	270	8.0%	2	4	6

**Harrisburg-Carlisle 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>
25-1124	Foreign Language & Literature Teachers, Postsecondary	120	130	8.3%	1	2	3
25-1125	History Teachers, Postsecondary	80	90	12.5%	1	1	2
25-1126	Philosophy & Religion Teachers, Postsecondary	70	80	14.3%	1	1	2
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	70	70	0.0%	0	1	1
25-1194	Vocational Education Teachers, Postsecondary	220	240	9.1%	2	3	5
25-1199	Postsecondary Teachers, Other	230	240	4.3%	0	4	4
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	<b>7,480</b>	<b>7,900</b>	<b>5.6%</b>	<b>42</b>	<b>178</b>	<b>220</b>
25-2011	Preschool Teachers	900	1,030	14.4%	13	25	38
25-2012	Kindergarten Teachers	150	160	6.7%	1	4	5
25-2021	Elementary School Teachers	2,610	2,800	7.3%	19	57	76
25-2022	Middle School Teachers	890	950	6.7%	6	20	26
25-2031	Secondary School Teachers	1,870	1,880	0.5%	2	51	53
25-2032	Career/Technical Education Teachers, Secondary School	300	300	0.0%	0	8	8
25-2052	Special Education Teachers, Kindergarten & Elementary School	350	350	0.0%	0	6	6
25-2053	Special Education Teachers, Middle School	130	130	0.0%	0	2	2
25-2054	Special Education Teachers, Secondary School	250	250	0.0%	0	4	4
<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	<b>1,620</b>	<b>1,660</b>	<b>2.5%</b>	<b>4</b>	<b>28</b>	<b>32</b>
25-3011	Adult Basic & Secondary Education & Literacy Teachers	80	80	0.0%	0	1	1
25-3021	Self-Enrichment Education Teachers	610	630	3.3%	2	10	12
25-3098	Substitute Teachers	750	760	1.3%	1	13	14
25-3099	Teachers & Instructors, Other	180	190	5.6%	0	3	3
<b>25-4000</b>	<b>Librarians, Curators &amp; Archivists</b>	<b>620</b>	<b>710</b>	<b>14.5%</b>	<b>8</b>	<b>21</b>	<b>29</b>
25-4011	Archivists	60	70	16.7%	1	1	2
25-4012	Curators	60	70	16.7%	1	1	2
25-4013	Museum Technicians & Conservators	20	30	50.0%	0	0	0
25-4021	Librarians	260	270	3.8%	2	6	8
25-4031	Library Technicians	220	260	18.2%	4	12	16
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	<b>2,310</b>	<b>2,380</b>	<b>3.0%</b>	<b>7</b>	<b>44</b>	<b>51</b>
25-9031	Instructional Coordinators	520	560	7.7%	4	4	8
25-9041	Teacher Assistants	1,750	1,780	1.7%	4	40	44
25-9099	Education, Training & Library Workers, Other	30	30	0.0%	0	0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>4,810</b>	<b>5,030</b>	<b>4.6%</b>	<b>26</b>	<b>105</b>	<b>131</b>
<b>27-1000</b>	<b>Art &amp; Design Workers</b>	<b>1,120</b>	<b>1,130</b>	<b>0.9%</b>	<b>4</b>	<b>29</b>	<b>33</b>
27-1011	Art Directors	50	50	0.0%	0	1	1
27-1014	Multimedia Artists & Animators	60	60	0.0%	0	1	1

**Harrisburg-Carlisle 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>
27-1021	Commercial & Industrial Designers	80	90	12.5%	0	2	2
27-1023	Floral Designers	140	140	0.0%	0	4	4
27-1024	Graphic Designers	440	450	2.3%	2	12	14
27-1025	Interior Designers	40	40	0.0%	0	1	1
27-1027	Set & Exhibit Designers	20	30	50.0%	0	1	1
<b>27-2000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	<b>1,140</b>	<b>1,190</b>	<b>4.4%</b>	<b>6</b>	<b>33</b>	<b>39</b>
27-2011	Actors	30	30	0.0%	0	1	1
27-2012	Producers & Directors	130	150	15.4%	2	4	6
27-2022	Coaches & Scouts	320	350	9.4%	3	9	12
27-2023	Umpires, Referees & Other Sports Officials	30	30	0.0%	0	1	1
27-2041	Music Directors & Composers	200	200	0.0%	0	6	6
27-2042	Musicians & Singers	290	290	0.0%	0	8	8
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	<b>1,980</b>	<b>2,080</b>	<b>5.1%</b>	<b>12</b>	<b>36</b>	<b>48</b>
27-3022	Reporters & Correspondents	130	110	-15.4%	0	4	4
27-3031	Public Relations Specialists	1,180	1,260	6.8%	8	16	24
27-3041	Editors	270	270	0.0%	0	7	7
27-3042	Technical Writers	100	130	30.0%	2	3	5
27-3043	Writers & Authors	180	190	5.6%	0	4	4
<b>27-4000</b>	<b>Media &amp; Communication Equipment Workers</b>	<b>580</b>	<b>630</b>	<b>8.6%</b>	<b>5</b>	<b>8</b>	<b>13</b>
27-4011	Audio & Video Equipment Technicians	120	130	8.3%	1	2	3
27-4012	Broadcast Technicians	50	50	0.0%	0	1	1
27-4021	Photographers	280	310	10.7%	3	3	6
27-4031	Camera Operators: TV, Video & Motion Picture	60	70	16.7%	0	0	0
27-4032	Film & Video Editors	20	20	0.0%	0	0	0
27-4099	Media & Communication Equipment Workers, Other	20	20	0.0%	0	0	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>19,220</b>	<b>22,160</b>	<b>15.3%</b>	<b>294</b>	<b>400</b>	<b>694</b>
<b>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	<b>11,790</b>	<b>13,510</b>	<b>14.6%</b>	<b>171</b>	<b>239</b>	<b>410</b>
29-1011	Chiropractors	30	40	33.3%	0	1	1
29-1021	Dentists, General	210	220	4.8%	1	5	6
29-1031	Dietitians & Nutritionists	180	200	11.1%	2	2	4
29-1041	Optometrists	70	90	28.6%	2	2	4
29-1051	Pharmacists	610	640	4.9%	4	14	18
29-1062	Family & General Practitioners	360	390	8.3%	4	9	13
29-1063	Internists, General	30	30	0.0%	0	1	1
29-1064	Obstetricians & Gynecologists	40	40	0.0%	0	1	1

**Harrisburg-Carlisle 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>
29-1069	Physicians & Surgeons, Other	710	820	15.5%	11	18	29
29-1071	Physician Assistants	300	350	16.7%	4	6	10
29-1122	Occupational Therapists	240	280	16.7%	4	3	7
29-1123	Physical Therapists	450	540	20.0%	10	11	21
29-1125	Recreational Therapists	40	50	25.0%	1	1	2
29-1126	Respiratory Therapists	260	310	19.2%	5	4	9
29-1127	Speech-Language Pathologists	270	300	11.1%	3	4	7
29-1131	Veterinarians	130	160	23.1%	3	4	7
29-1141	Registered Nurses	7,120	8,180	14.9%	106	138	244
29-1171	Nurse Practitioners	210	260	23.8%	5	4	9
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	<b>6,750</b>	<b>7,940</b>	<b>17.6%</b>	<b>118</b>	<b>142</b>	<b>260</b>
29-2011	Medical & Clinical Laboratory Technologists	520	520	0.0%	0	14	14
29-2012	Medical & Clinical Laboratory Technicians	560	590	5.4%	2	15	17
29-2021	Dental Hygienists	430	490	14.0%	6	11	17
29-2031	Cardiovascular Technologists & Technicians	160	190	18.8%	3	2	5
29-2032	Diagnostic Medical Sonographers	130	170	30.8%	5	2	7
29-2033	Nuclear Medicine Technologists	50	60	20.0%	1	1	2
29-2034	Radiologic Technologists	520	600	15.4%	8	7	15
29-2041	Emergency Medical Technicians & Paramedics	620	790	27.4%	17	17	34
29-2051	Dietetic Technicians	20	20	0.0%	0	0	0
29-2052	Pharmacy Technicians	620	680	9.7%	5	6	11
29-2053	Psychiatric Technicians	30	40	33.3%	0	0	0
29-2054	Respiratory Therapy Technicians	60	70	16.7%	1	1	2
29-2055	Surgical Technologists	270	330	22.2%	6	3	9
29-2056	Veterinary Technologists & Technicians	140	190	35.7%	5	1	6
29-2061	Licensed Practical & Licensed Vocational Nurses	1,830	2,280	24.6%	44	45	89
29-2071	Medical Records & Health Information Technicians	500	590	18.0%	9	13	22
29-2081	Opticians, Dispensing	90	110	22.2%	2	2	4
29-2099	Health Technologists & Technicians, Other	150	180	20.0%	3	2	5
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	<b>670</b>	<b>720</b>	<b>7.5%</b>	<b>5</b>	<b>18</b>	<b>23</b>
29-9011	Occupational Health & Safety Specialists	390	420	7.7%	2	11	13
29-9012	Occupational Health & Safety Technicians	30	30	0.0%	0	1	1
29-9099	Healthcare Practitioners & Technical Workers, Other	210	230	9.5%	2	6	8
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>8,530</b>	<b>10,360</b>	<b>21.5%</b>	<b>183</b>	<b>165</b>	<b>348</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>5,150</b>	<b>6,370</b>	<b>23.7%</b>	<b>121</b>	<b>98</b>	<b>219</b>

**Harrisburg-Carlisle 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>
31-1011	Home Health Aides	2,280	3,060	34.2%	79	43	122
31-1014	Nursing Assistants	2,840	3,260	14.8%	42	54	96
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>440</b>	<b>610</b>	<b>38.6%</b>	<b>18</b>	<b>10</b>	<b>28</b>
31-2011	Occupational Therapy Assistants	100	140	40.0%	4	2	6
31-2021	Physical Therapist Assistants	270	370	37.0%	10	6	16
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>2,940</b>	<b>3,380</b>	<b>15.0%</b>	<b>44</b>	<b>57</b>	<b>101</b>
31-9091	Dental Assistants	590	630	6.8%	4	12	16
31-9092	Medical Assistants	1,650	1,990	20.6%	34	31	65
31-9094	Medical Transcriptionists	200	190	-5.0%	0	4	4
31-9095	Pharmacy Aides	80	90	12.5%	1	1	2
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	80	90	12.5%	1	2	3
31-9097	Phlebotomists	80	90	12.5%	2	1	3
31-9099	Healthcare Support Workers, Other	140	150	7.1%	1	3	4
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>7,440</b>	<b>8,020</b>	<b>7.8%</b>	<b>58</b>	<b>182</b>	<b>240</b>
<b>33-1000</b>	<b>Supervisors - Protective Service Workers</b>	<b>650</b>	<b>670</b>	<b>3.1%</b>	<b>2</b>	<b>19</b>	<b>21</b>
33-1011	Supervisors - Correctional Officers	30	30	0.0%	0	1	1
33-1012	Supervisors - Police & Detectives	460	480	4.3%	2	14	16
33-1021	Supervisors - Fire Fighting & Prevention	40	40	0.0%	0	2	2
33-1099	Supervisors - Protective Service Workers, Other	120	130	8.3%	1	3	4
<b>33-2000</b>	<b>Fire Fighting &amp; Prevention Workers</b>	<b>130</b>	<b>130</b>	<b>0.0%</b>	<b>0</b>	<b>4</b>	<b>4</b>
33-2011	Firefighters	130	130	0.0%	0	4	4
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>2,790</b>	<b>2,890</b>	<b>3.6%</b>	<b>10</b>	<b>80</b>	<b>90</b>
33-3012	Correctional Officers & Jailers	910	950	4.4%	4	24	28
33-3021	Detectives & Criminal Investigators	310	330	6.5%	2	7	9
33-3041	Parking Enforcement Workers	20	20	0.0%	0	1	1
33-3051	Police & Sheriff's Patrol Officers	1,370	1,420	3.6%	4	43	47
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>3,870</b>	<b>4,330</b>	<b>11.9%</b>	<b>45</b>	<b>80</b>	<b>125</b>
33-9021	Private Detectives & Investigators	90	100	11.1%	1	3	4
33-9032	Security Guards	2,390	2,700	13.0%	31	37	68
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	250	270	8.0%	2	17	19
33-9093	Transportation Security Screeners	120	140	16.7%	2	3	5
33-9099	Protective Service Workers, Other	90	90	0.0%	0	6	6
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>23,830</b>	<b>26,450</b>	<b>11.0%</b>	<b>263</b>	<b>889</b>	<b>1,152</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>1,670</b>	<b>1,890</b>	<b>13.2%</b>	<b>21</b>	<b>44</b>	<b>65</b>
35-1011	Chefs & Head Cooks	300	320	6.7%	2	5	7

**Harrisburg-Carlisle 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>
35-1012	Supervisors - Food Preparation & Serving Workers	1,370	1,570	14.6%	20	39	59
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	<b>5,700</b>	<b>6,210</b>	<b>8.9%</b>	<b>52</b>	<b>130</b>	<b>182</b>
35-2011	Cooks, Fast Food	570	580	1.8%	1	11	12
35-2012	Cooks, Institution & Cafeteria	860	970	12.8%	11	17	28
35-2014	Cooks, Restaurant	1,850	2,120	14.6%	26	36	62
35-2015	Cooks, Short Order	400	400	0.0%	1	8	9
35-2021	Food Preparation Workers	2,000	2,120	6.0%	12	57	69
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>13,680</b>	<b>15,360</b>	<b>12.3%</b>	<b>168</b>	<b>572</b>	<b>740</b>
35-3011	Bartenders	1,420	1,560	9.9%	14	52	66
35-3021	Combined Food Preparation & Serving Workers	6,730	7,820	16.2%	109	257	366
35-3031	Waiters & Waitresses	4,300	4,610	7.2%	31	207	238
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>2,780</b>	<b>3,000</b>	<b>7.9%</b>	<b>22</b>	<b>144</b>	<b>166</b>
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	710	770	8.5%	6	31	37
35-9021	Dishwashers	1,380	1,490	8.0%	10	61	71
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>10,160</b>	<b>11,060</b>	<b>8.9%</b>	<b>89</b>	<b>209</b>	<b>298</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>620</b>	<b>670</b>	<b>8.1%</b>	<b>5</b>	<b>12</b>	<b>17</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	440	480	9.1%	4	10	14
37-1012	Supervisors - Landscaping & Groundskeeping Workers	180	190	5.6%	2	2	4
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>7,500</b>	<b>8,140</b>	<b>8.5%</b>	<b>64</b>	<b>145</b>	<b>209</b>
37-2011	Janitors & Cleaners	4,570	4,910	7.4%	33	86	119
37-2012	Maids & Housekeeping Cleaners	2,740	3,010	9.9%	28	54	82
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>2,050</b>	<b>2,250</b>	<b>9.8%</b>	<b>20</b>	<b>52</b>	<b>72</b>
37-3011	Landscaping & Groundskeeping Workers	2,020	2,210	9.4%	20	51	71
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>13,860</b>	<b>15,760</b>	<b>13.7%</b>	<b>191</b>	<b>368</b>	<b>559</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>550</b>	<b>600</b>	<b>9.1%</b>	<b>5</b>	<b>10</b>	<b>15</b>
39-1021	Supervisors - Personal Service Workers	470	520	10.6%	5	9	14
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>440</b>	<b>510</b>	<b>15.9%</b>	<b>7</b>	<b>6</b>	<b>13</b>
39-3031	Ushers, Lobby Attendants & Ticket Takers	250	260	4.0%	2	13	15
39-3093	Locker Room, Coatroom & Dressing Room Attendants	10	10	0.0%	0	0	0
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>2,430</b>	<b>2,660</b>	<b>9.5%</b>	<b>24</b>	<b>54</b>	<b>78</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	2,040	2,230	9.3%	18	48	66
<b>39-6000</b>	<b>Transportation, Tourism &amp; Lodging Attendants</b>	<b>60</b>	<b>60</b>	<b>0.0%</b>	<b>1</b>	<b>1</b>	<b>2</b>
39-6011	Baggage Porters & Bellhops	40	40	0.0%	0	1	1
39-6012	Concierges	20	20	0.0%	0	0	0
<b>39-7000</b>	<b>Tour &amp; Travel Guides</b>	<b>110</b>	<b>130</b>	<b>18.2%</b>	<b>2</b>	<b>5</b>	<b>7</b>

**Harrisburg-Carlisle 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>
39-7011	Tour Guides & Escorts	110	120	9.1%	2	5	7
<b>39-9000</b>	<b>Other Personal Care &amp; Service Workers</b>	<b>6,960</b>	<b>8,180</b>	<b>17.5%</b>	<b>122</b>	<b>139</b>	<b>261</b>
39-9011	Childcare Workers	2,300	2,580	12.2%	28	68	96
39-9021	Personal Care Aides	2,270	3,030	33.5%	76	16	92
39-9031	Fitness Trainers & Aerobics Instructors	560	620	10.7%	6	7	13
39-9032	Recreation Workers	490	570	16.3%	8	6	14
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>29,820</b>	<b>31,080</b>	<b>4.2%</b>	<b>135</b>	<b>919</b>	<b>1,054</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	<b>3,240</b>	<b>3,290</b>	<b>1.5%</b>	<b>5</b>	<b>64</b>	<b>69</b>
41-1011	Supervisors - Retail Sales Workers	2,570	2,620	1.9%	5	56	61
41-1012	Supervisors - Non-Retail Sales Workers	680	670	-1.5%	0	9	9
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>17,940</b>	<b>18,460</b>	<b>2.9%</b>	<b>54</b>	<b>671</b>	<b>725</b>
41-2011	Cashiers	7,730	7,710	-0.3%	0	334	334
41-2021	Counter & Rental Clerks	940	990	5.3%	5	24	29
41-2031	Retail Salespersons	8,620	9,070	5.2%	45	295	340
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>3,380</b>	<b>3,680</b>	<b>8.9%</b>	<b>32</b>	<b>86</b>	<b>118</b>
41-3011	Advertising Sales Agents	300	290	-3.3%	0	9	9
41-3021	Insurance Sales Agents	1,350	1,510	11.9%	17	32	49
41-3031	Securities, Commodities & Financial Services Sales Agents	400	440	10.0%	3	9	12
41-3041	Travel Agents	80	70	-12.5%	0	1	1
41-3099	Sales Representatives, Other Services	1,250	1,380	10.4%	12	34	46
<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	<b>3,620</b>	<b>3,930</b>	<b>8.6%</b>	<b>31</b>	<b>70</b>	<b>101</b>
41-4011	Sales Representatives, Technical & Scientific Products	590	700	18.6%	11	12	23
41-4012	Sales Representatives	3,020	3,230	7.0%	21	59	80
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	<b>1,650</b>	<b>1,730</b>	<b>4.8%</b>	<b>11</b>	<b>27</b>	<b>38</b>
41-9021	Real Estate Brokers	60	70	16.7%	1	0	1
41-9022	Real Estate Sales Agents	640	710	10.9%	7	6	13
41-9031	Sales Engineers	80	90	12.5%	1	2	3
41-9041	Telemarketers	660	620	-6.1%	0	14	14
41-9099	Sales & Related Workers, Other	100	110	10.0%	1	2	3
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>59,130</b>	<b>60,750</b>	<b>2.7%</b>	<b>334</b>	<b>1,272</b>	<b>1,606</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	<b>4,350</b>	<b>4,620</b>	<b>6.2%</b>	<b>27</b>	<b>103</b>	<b>130</b>
43-1011	Supervisors - Office & Administrative Support Workers	4,350	4,620	6.2%	27	103	130
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>490</b>	<b>410</b>	<b>-16.3%</b>	<b>0</b>	<b>10</b>	<b>10</b>
43-2011	Switchboard Operators	310	270	-12.9%	0	6	6
<b>43-3000</b>	<b>Financial Clerks</b>	<b>8,020</b>	<b>8,480</b>	<b>5.7%</b>	<b>64</b>	<b>170</b>	<b>234</b>

**Harrisburg-Carlisle 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>
43-3011	Bill & Account Collectors	1,050	1,120	6.7%	7	30	37
43-3021	Billing & Posting Clerks	1,250	1,440	15.2%	18	23	41
43-3031	Bookkeeping, Accounting & Auditing Clerks	3,610	3,940	9.1%	33	33	66
43-3051	Payroll & Timekeeping Clerks	390	440	12.8%	4	9	13
43-3061	Procurement Clerks	160	160	0.0%	0	6	6
43-3071	Tellers	1,450	1,260	-13.1%	0	67	67
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	<b>12,150</b>	<b>13,000</b>	<b>7.0%</b>	<b>96</b>	<b>325</b>	<b>421</b>
43-4021	Correspondence Clerks	30	30	0.0%	0	1	1
43-4031	Court, Municipal & License Clerks	190	210	10.5%	2	3	5
43-4041	Credit Authorizers, Checkers & Clerks	190	180	-5.3%	0	2	2
43-4051	Customer Service Representatives	5,350	5,930	10.8%	59	146	205
43-4061	Eligibility Interviewers, Government Programs	620	660	6.5%	4	12	16
43-4071	File Clerks	390	370	-5.1%	0	9	9
43-4081	Hotel, Motel & Resort Desk Clerks	800	900	12.5%	10	38	48
43-4111	Interviewers	270	280	3.7%	1	5	6
43-4121	Library Assistants, Clerical	240	260	8.3%	2	10	12
43-4131	Loan Interviewers & Clerks	230	220	-4.3%	0	2	2
43-4151	Order Clerks	470	470	0.0%	0	12	12
43-4161	Human Resources Assistants	530	520	-1.9%	0	13	13
43-4171	Receptionists & Information Clerks	2,230	2,420	8.5%	19	60	79
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	220	210	-4.5%	0	3	3
43-4199	Information & Record Clerks, Other	290	260	-10.3%	0	6	6
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>10,140</b>	<b>9,810</b>	<b>-3.3%</b>	<b>25</b>	<b>275</b>	<b>300</b>
43-5011	Cargo & Freight Agents	230	260	13.0%	2	6	8
43-5021	Couriers & Messengers	240	210	-12.5%	0	3	3
43-5031	Police, Fire & Ambulance Dispatchers	230	250	8.7%	2	6	8
43-5032	Dispatchers	390	420	7.7%	3	11	14
43-5041	Meter Readers, Utilities	80	60	-25.0%	0	2	2
43-5051	Postal Service Clerks	140	100	-28.6%	0	2	2
43-5052	Postal Service Mail Carriers	620	460	-25.8%	0	22	22
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	640	460	-28.1%	0	5	5
43-5061	Production, Planning & Expediting Clerks	880	960	9.1%	8	22	30
43-5071	Shipping, Receiving & Traffic Clerks	1,390	1,470	5.8%	8	37	45
43-5081	Stock Clerks & Order Fillers	5,160	5,020	-2.7%	0	156	156
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	140	160	14.3%	2	3	5

**Harrisburg-Carlisle 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>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>10,340</b>	<b>11,260</b>	<b>8.9%</b>	<b>98</b>	<b>124</b>	<b>222</b>
43-6011	Executive Secretaries & Executive Administrative Assistants	1,720	1,670	-2.9%	0	21	21
43-6012	Legal Secretaries	810	800	-1.2%	0	10	10
43-6013	Medical Secretaries	1,450	1,870	29.0%	42	17	59
43-6014	Secretaries	6,360	6,930	9.0%	57	77	134
<b>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>13,640</b>	<b>13,170</b>	<b>-3.4%</b>	<b>24</b>	<b>263</b>	<b>287</b>
43-9011	Computer Operators	220	180	-18.2%	0	2	2
43-9021	Data Entry Keyers	530	400	-24.5%	0	6	6
43-9022	Word Processors & Typists	1,720	1,280	-25.6%	0	6	6
43-9031	Desktop Publishers	40	40	0.0%	0	1	1
43-9041	Insurance Claims & Policy Processing Clerks	1,860	2,000	7.5%	13	49	62
43-9051	Mail Clerks & Mail Machine Operators	420	360	-14.3%	0	10	10
43-9061	Office Clerks, General	8,290	8,380	1.1%	10	174	184
43-9071	Office Machine Operators	160	130	-18.8%	0	4	4
43-9081	Proofreaders & Copy Markers	10	10	0.0%	0	0	0
43-9111	Statistical Assistants	40	40	0.0%	0	1	1
43-9199	Office & Administrative Support Workers, Other	360	350	-2.8%	0	10	10
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>2,540</b>	<b>2,500</b>	<b>-1.6%</b>	<b>2</b>	<b>75</b>	<b>77</b>
<b>45-1000</b>	<b>Supervisors - Farming, Fishing &amp; Forestry Workers</b>	<b>90</b>	<b>100</b>	<b>11.1%</b>	<b>0</b>	<b>2</b>	<b>2</b>
45-1011	Farm & Forestry Worker Supervisors	90	100	11.1%	0	2	2
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>2,420</b>	<b>2,370</b>	<b>-2.1%</b>	<b>2</b>	<b>72</b>	<b>74</b>
45-2011	Agricultural Inspectors	60	60	0.0%	0	2	2
45-2041	Graders & Sorters, Agricultural Products	60	60	0.0%	0	1	1
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	250	250	0.0%	0	8	8
45-2099	Agricultural Workers, Other	30	30	0.0%	0	1	1
<b>45-4000</b>	<b>Forest, Conservation &amp; Logging Workers</b>	<b>30</b>	<b>30</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>10,300</b>	<b>11,620</b>	<b>12.8%</b>	<b>136</b>	<b>175</b>	<b>311</b>
<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	<b>800</b>	<b>910</b>	<b>13.8%</b>	<b>11</b>	<b>9</b>	<b>20</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	800	910	13.8%	11	9	20
<b>47-2000</b>	<b>Construction Trades Workers</b>	<b>7,980</b>	<b>9,060</b>	<b>13.5%</b>	<b>109</b>	<b>136</b>	<b>245</b>
47-2021	Brickmasons & Blockmasons	140	180	28.6%	4	2	6
47-2031	Carpenters	1,760	2,040	15.9%	28	22	50
47-2041	Carpet Installers	200	210	5.0%	1	4	5
47-2042	Floor Layers	60	60	0.0%	1	1	2
47-2051	Cement Masons & Concrete Finishers	110	130	18.2%	2	1	3

**Harrisburg-Carlisle 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>
47-2061	Construction Laborers	1,320	1,570	18.9%	25	28	53
47-2073	Operating Engineers & Other Construction Equipment Operators	690	790	14.5%	9	15	24
47-2081	Drywall & Ceiling Tile Installers	280	310	10.7%	3	3	6
47-2111	Electricians	1,280	1,420	10.9%	14	24	38
47-2121	Glaziers	70	70	0.0%	0	2	2
47-2141	Painters, Construction & Maintenance	310	360	16.1%	5	5	10
47-2151	Pipelayers	20	30	50.0%	1	0	1
47-2152	Plumbers, Pipefitters & Steamfitters	940	1,040	10.6%	11	12	23
47-2181	Roofers	170	170	0.0%	0	4	4
47-2211	Sheet Metal Workers	230	240	4.3%	1	4	5
47-2221	Structural Iron & Steel Workers	180	200	11.1%	2	6	8
<b>47-3000</b>	<b>Helpers, Construction Trades</b>	<b>240</b>	<b>290</b>	<b>20.8%</b>	<b>4</b>	<b>4</b>	<b>8</b>
47-3012	Helpers--Carpenters	10	10	0.0%	0	0	0
47-3013	Helpers--Electricians	90	110	22.2%	2	1	3
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	60	60	0.0%	1	1	2
47-3016	Helpers--Roofers	30	30	0.0%	0	0	0
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	<b>1,170</b>	<b>1,280</b>	<b>9.4%</b>	<b>11</b>	<b>23</b>	<b>34</b>
47-4011	Construction & Building Inspectors	520	590	13.5%	6	12	18
47-4041	Hazardous Materials Removal Workers	60	70	16.7%	1	1	2
47-4051	Highway Maintenance Workers	450	460	2.2%	1	7	8
47-4061	Rail-Track Laying & Maintenance Equipment Operators	40	50	25.0%	1	1	2
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	50	60	20.0%	2	1	3
<b>47-5000</b>	<b>Extraction Workers</b>	<b>120</b>	<b>90</b>	<b>-25.0%</b>	<b>1</b>	<b>4</b>	<b>5</b>
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>12,310</b>	<b>13,600</b>	<b>10.5%</b>	<b>131</b>	<b>284</b>	<b>415</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	<b>810</b>	<b>870</b>	<b>7.4%</b>	<b>6</b>	<b>22</b>	<b>28</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	810	870	7.4%	6	22	28
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	<b>1,130</b>	<b>1,180</b>	<b>4.4%</b>	<b>6</b>	<b>21</b>	<b>27</b>
49-2011	Computer, Automated Teller & Office Machine Repairers	300	320	6.7%	2	6	8
49-2022	Telecommunications Equipment Installers & Repairers	250	250	0.0%	0	4	4
49-2092	Electric Motor, Power Tool & Related Repairers	40	50	25.0%	0	1	1
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	240	230	-4.2%	0	5	5
49-2098	Security & Fire Alarm Systems Installers	150	170	13.3%	2	3	5
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>3,820</b>	<b>4,180</b>	<b>9.4%</b>	<b>37</b>	<b>93</b>	<b>130</b>
49-3011	Aircraft Mechanics & Service Technicians	90	90	0.0%	0	2	2
49-3021	Automotive Body & Related Repairers	250	280	12.0%	3	5	8

**Harrisburg-Carlisle 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>
49-3023	Automotive Service Technicians & Mechanics	1,950	2,140	9.7%	18	49	67
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,010	1,120	10.9%	11	22	33
49-3041	Farm Equipment Mechanics & Service Technicians	80	80	0.0%	1	2	3
49-3042	Mobile Heavy Equipment Mechanics	130	140	7.7%	1	4	5
49-3052	Motorcycle Mechanics	40	40	0.0%	1	1	2
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	50	50	0.0%	0	1	1
49-3093	Tire Repairers & Changers	130	140	7.7%	1	4	5
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>6,550</b>	<b>7,360</b>	<b>12.4%</b>	<b>82</b>	<b>148</b>	<b>230</b>
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	590	640	8.5%	5	15	20
49-9031	Home Appliance Repairers	100	90	-10.0%	0	3	3
49-9041	Industrial Machinery Mechanics	1,080	1,340	24.1%	25	31	56
49-9043	Maintenance Workers, Machinery	130	140	7.7%	2	2	4
49-9044	Millwrights	60	70	16.7%	0	1	1
49-9052	Telecommunications Line Installers & Repairers	230	230	0.0%	0	6	6
49-9062	Medical Equipment Repairers	150	200	33.3%	5	4	9
49-9071	Maintenance & Repair Workers, General	3,430	3,760	9.6%	34	66	100
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	140	150	7.1%	1	1	2
49-9094	Locksmiths & Safe Repairers	50	60	20.0%	1	2	3
49-9097	Signal & Track Switch Repairers	20	20	0.0%	0	0	0
49-9098	Helpers--Installation, Maintenance & Repair Workers	110	130	18.2%	2	3	5
49-9099	Installation, Maintenance & Repair Workers, Other	110	110	0.0%	1	2	3
<b>51-0000</b>	<b>Production Occupations</b>	<b>14,900</b>	<b>15,290</b>	<b>2.6%</b>	<b>75</b>	<b>310</b>	<b>385</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>990</b>	<b>970</b>	<b>-2.0%</b>	<b>0</b>	<b>14</b>	<b>14</b>
51-1011	Supervisors - Production & Operating Workers	990	970	-2.0%	0	14	14
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>2,060</b>	<b>2,230</b>	<b>8.3%</b>	<b>17</b>	<b>34</b>	<b>51</b>
51-2022	Electrical & Electronic Equipment Assemblers	480	520	8.3%	4	6	10
51-2041	Structural Metal Fabricators & Fitters	130	120	-7.7%	0	5	5
51-2092	Team Assemblers	1,060	1,150	8.5%	10	17	27
51-2099	Assemblers & Fabricators, Other	270	300	11.1%	3	4	7
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>1,510</b>	<b>1,540</b>	<b>2.0%</b>	<b>6</b>	<b>40</b>	<b>46</b>
51-3011	Bakers	620	650	4.8%	2	15	17
51-3021	Butchers & Meat Cutters	300	320	6.7%	2	7	9
51-3022	Meat, Poultry & Fish Cutters & Trimmers	90	90	0.0%	0	2	2
51-3092	Food Batchmakers	340	320	-5.9%	0	11	11
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>2,690</b>	<b>2,730</b>	<b>1.5%</b>	<b>16</b>	<b>52</b>	<b>68</b>

**Harrisburg-Carlisle 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>
51-4011	Computer-Controlled Machine Tool Operators	150	150	0.0%	0	4	4
51-4012	Computer Numerically Controlled Machine Tool Programmers	20	30	50.0%	0	1	1
51-4031	Cutting, Punching & Press Machine Operators	220	230	4.5%	1	2	3
51-4032	Drilling & Boring Machine Tool Operators	20	20	0.0%	0	0	0
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	180	160	-11.1%	0	4	4
51-4035	Milling & Planing Machine Operators	70	60	-14.3%	0	1	1
51-4041	Machinists	680	800	17.6%	11	16	27
51-4062	Patternmakers	10	10	0.0%	0	0	0
51-4071	Foundry Mold & Coremakers	20	20	0.0%	0	0	0
51-4072	Molding, Coremaking & Casting Machine Operators	140	120	-14.3%	0	2	2
51-4081	Multiple Machine Tool Operators	180	180	0.0%	0	4	4
51-4111	Tool & Die Makers	140	120	-14.3%	0	1	1
51-4121	Welders, Cutters, Solderers & Brazers	330	350	6.1%	2	8	10
51-4191	Heat Treating Equipment Operators	20	30	50.0%	0	0	0
51-4193	Plating & Coating Machine Operators	40	40	0.0%	0	1	1
51-4194	Tool Grinders, Filers & Sharpeners	20	20	0.0%	0	0	0
<b>51-5100</b>	<b>Printing Workers</b>	<b>900</b>	<b>820</b>	<b>-8.9%</b>	<b>0</b>	<b>17</b>	<b>17</b>
51-5111	Prepress Technician & Workers	110	80	-27.3%	0	3	3
51-5112	Printing Press Operators	510	460	-9.8%	0	9	9
51-5113	Print Binding & Finishing Workers	280	270	-3.6%	0	5	5
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	<b>560</b>	<b>530</b>	<b>-5.4%</b>	<b>2</b>	<b>12</b>	<b>14</b>
51-6011	Laundry & Dry-Cleaning Workers	300	320	6.7%	2	9	11
51-6021	Pressers: Textile, Garment & Related Materials	60	60	0.0%	0	1	1
51-6031	Sewing Machine Operators	60	50	-16.7%	0	0	0
51-6052	Tailors, Dressmakers & Custom Sewers	40	40	0.0%	0	0	0
51-6062	Textile Cutting Machine Operators	10	10	0.0%	0	0	0
51-6093	Upholsterers	30	20	-33.3%	0	1	1
<b>51-7000</b>	<b>Woodworkers</b>	<b>350</b>	<b>360</b>	<b>2.9%</b>	<b>2</b>	<b>4</b>	<b>6</b>
51-7021	Furniture Finishers	20	20	0.0%	0	0	0
51-7041	Sawing Machine Operators, Wood	60	70	16.7%	1	2	3
51-7042	Woodworking Machine Operators	120	110	-8.3%	0	1	1
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	<b>640</b>	<b>660</b>	<b>3.1%</b>	<b>3</b>	<b>21</b>	<b>24</b>
51-8013	Power Plant Operators	30	30	0.0%	0	1	1
51-8021	Stationary Engineers & Boiler Operators	190	200	5.3%	1	6	7
51-8031	Water & Wastewater Treatment Plant & System Operators	270	270	0.0%	0	9	9

**Harrisburg-Carlisle 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>
51-8092	Gas Plant Operators	30	30	0.0%	0	1	1
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	20	20	0.0%	0	1	1
51-8099	Plant & System Operators, Other	30	30	0.0%	0	1	1
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>5,200</b>	<b>5,440</b>	<b>4.6%</b>	<b>30</b>	<b>117</b>	<b>147</b>
51-9021	Crushing, Grinding & Polishing Machine Operators	40	50	25.0%	0	1	1
51-9022	Grinding & Polishing Workers, Hand	30	30	0.0%	0	1	1
51-9023	Mixing & Blending Machine Operators	70	60	-14.3%	0	2	2
51-9032	Cutting & Slicing Machine Operators	110	90	-18.2%	0	2	2
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	30	30	0.0%	0	1	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	910	1,020	12.1%	11	20	31
51-9071	Jewelers & Precious Stone & Metal Workers	40	40	0.0%	0	1	1
51-9081	Dental Laboratory Technicians	140	160	14.3%	2	5	7
51-9083	Ophthalmic Laboratory Technicians	40	50	25.0%	0	2	2
51-9111	Packaging & Filling Machine Operators	940	940	0.0%	1	22	23
51-9121	Coating, Painting & Spraying Machine Operators	50	50	0.0%	0	1	1
51-9122	Painters, Transportation Equipment	130	140	7.7%	1	2	3
51-9151	Photographic Process Workers & Processing Machine Operators	150	140	-6.7%	0	4	4
51-9198	Helpers--Production Workers	1,500	1,530	2.0%	4	26	30
51-9199	Production Workers, Other	350	450	28.6%	10	9	19
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>29,120</b>	<b>32,090</b>	<b>10.2%</b>	<b>300</b>	<b>676</b>	<b>976</b>
<b>53-1000</b>	<b>Supervisors - Transportation &amp; Material Moving Workers</b>	<b>1,150</b>	<b>1,260</b>	<b>9.6%</b>	<b>11</b>	<b>32</b>	<b>43</b>
53-1021	Supervisors - Helpers, Laborers & Material Movers	620	690	11.3%	7	17	24
<b>53-2000</b>	<b>Air Transportation Workers</b>	<b>80</b>	<b>80</b>	<b>0.0%</b>	<b>0</b>	<b>3</b>	<b>3</b>
53-2012	Commercial Pilots	30	30	0.0%	0	1	1
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>12,350</b>	<b>13,510</b>	<b>9.4%</b>	<b>116</b>	<b>200</b>	<b>316</b>
53-3021	Bus Drivers, Transit & Intercity	390	400	2.6%	1	7	8
53-3022	Bus Drivers, School or Special Client	1,340	1,340	0.0%	1	25	26
53-3031	Driver/Sales Workers	1,270	1,350	6.3%	8	20	28
53-3032	Heavy & Tractor-Trailer Truck Drivers	6,180	7,100	14.9%	92	99	191
53-3033	Light Truck or Delivery Services Drivers	2,530	2,600	2.8%	7	40	47
53-3041	Taxi Drivers & Chauffeurs	500	550	10.0%	5	6	11
53-4011	Locomotive Engineers	140	140	0.0%	0	4	4
53-4021	Railroad Brake, Signal & Switch Operators	90	90	0.0%	0	3	3
53-4031	Railroad Conductors & Yardmasters	150	150	0.0%	0	5	5
53-5011	Sailors & Marine Oilers	10	10	0.0%	0	0	0

**Harrisburg-Carlisle 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>
53-5021	Captains, Mates & Pilots of Water Vessels	10	10	0.0%	0	1	1
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>240</b>	<b>260</b>	<b>8.3%</b>	<b>2</b>	<b>9</b>	<b>11</b>
53-6011	Bridge & Lock Tenders	10	10	0.0%	0	0	0
53-6021	Parking Lot Attendants	80	80	0.0%	0	4	4
53-6031	Automotive & Watercraft Service Attendants	40	40	0.0%	1	1	2
53-6051	Transportation Inspectors	50	50	0.0%	1	2	3
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>14,870</b>	<b>16,550</b>	<b>11.3%</b>	<b>170</b>	<b>418</b>	<b>588</b>
53-7011	Conveyor Operators	30	40	33.3%	1	1	2
53-7021	Crane & Tower Operators	190	230	21.1%	4	6	10
53-7051	Industrial Truck & Tractor Operators	2,530	2,630	4.0%	10	58	68
53-7061	Cleaners of Vehicles & Equipment	580	630	8.6%	5	16	21
53-7062	Laborers & Freight, Stock & Material Movers	8,190	9,230	12.7%	104	254	358
53-7063	Machine Feeders & Offbearers	130	130	0.0%	1	2	3
53-7064	Packers & Packagers, Hand	2,870	3,260	13.6%	38	75	113
53-7081	Refuse & Recyclable Material Collectors	130	150	15.4%	2	3	5

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.