

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>1,912,840</b>	<b>2,060,360</b>	<b>7.7%</b>	<b>16,295</b>	<b>44,717</b>	<b>61,012</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>88,910</b>	<b>95,490</b>	<b>7.4%</b>	<b>685</b>	<b>1,815</b>	<b>2,500</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>25,540</b>	<b>27,380</b>	<b>7.2%</b>	<b>184</b>	<b>492</b>	<b>676</b>
11-1011	Chief Executives	4,600	4,700	2.2%	11	98	109
11-1021	General & Operations Managers	20,310	22,030	8.5%	172	380	552
11-1031	Legislators	630	650	3.2%	1	14	15
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations &amp; Sales Managers</b>	<b>7,640</b>	<b>8,260</b>	<b>8.1%</b>	<b>62</b>	<b>168</b>	<b>230</b>
11-2011	Advertising & Promotions Managers	440	460	4.5%	2	14	16
11-2021	Marketing Managers	2,330	2,610	12.0%	28	50	78
11-2022	Sales Managers	4,070	4,310	5.9%	24	87	111
11-2031	Public Relations & Fundraising Managers	800	880	10.0%	8	17	25
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>20,330</b>	<b>22,260</b>	<b>9.5%</b>	<b>195</b>	<b>375</b>	<b>570</b>
11-3011	Administrative Services Managers	3,850	4,230	9.9%	38	63	101
11-3021	Computer & Information Systems Managers	3,730	4,430	18.8%	70	52	122
11-3031	Financial Managers	6,920	7,390	6.8%	48	130	178
11-3051	Industrial Production Managers	1,840	1,810	-1.6%	0	33	33
11-3061	Purchasing Managers	830	870	4.8%	4	18	22
11-3071	Transportation, Storage & Distribution Managers	1,050	1,100	4.8%	5	24	29
11-3111	Compensation & Benefits Managers	450	480	6.7%	3	12	15
11-3121	Human Resources Managers	1,330	1,580	18.8%	25	35	60
11-3131	Training & Development Managers	340	370	8.8%	4	9	13
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>35,400</b>	<b>37,600</b>	<b>6.2%</b>	<b>244</b>	<b>779</b>	<b>1,023</b>
11-9021	Construction Managers	3,700	4,060	9.7%	36	58	94
11-9031	Education Admin., Preschool & Childcare Center/Program	1,180	1,370	16.1%	19	31	50
11-9032	Education Administrators, Elementary & Secondary School	2,530	2,530	0.0%	0	67	67
11-9033	Education Administrators, Postsecondary	2,260	2,450	8.4%	19	60	79
11-9039	Education Administrators, Other	300	320	6.7%	2	8	10
11-9041	Architectural & Engineering Managers	2,000	2,190	9.5%	20	49	69
11-9051	Food Service Managers	2,350	2,350	0.0%	0	42	42
11-9061	Funeral Service Managers	90	90	0.0%	0	2	2
11-9081	Lodging Managers	360	360	0.0%	0	11	11
11-9111	Medical & Health Services Managers	5,680	6,570	15.7%	89	138	227
11-9121	Natural Sciences Managers	1,080	1,160	7.4%	8	22	30
11-9131	Postmasters & Mail Superintendents	170	120	-29.4%	0	4	4
11-9141	Property, Real Estate & Community Association Managers	1,660	1,760	6.0%	10	37	47

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
11-9151	Social & Community Service Managers	2,440	2,690	10.2%	25	50	75
11-9161	Emergency Management Directors	90	100	11.1%	1	1	2
11-9199	Managers, Other	7,650	7,790	1.8%	14	167	181
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>111,310</b>	<b>123,520</b>	<b>11.0%</b>	<b>1,247</b>	<b>2,332</b>	<b>3,579</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>65,990</b>	<b>73,890</b>	<b>12.0%</b>	<b>791</b>	<b>1,165</b>	<b>1,956</b>
13-1011	Agents & Business Managers of Artists, Performers & Athletes	200	210	5.0%	1	4	5
13-1021	Buyers & Purchasing Agents, Farm Products	320	340	6.2%	2	6	8
13-1022	Wholesale & Retail Buyers	1,830	1,900	3.8%	6	46	52
13-1023	Purchasing Agents	5,100	5,360	5.1%	26	92	118
13-1031	Claims Adjusters, Examiners & Investigators	5,100	5,240	2.7%	14	118	132
13-1032	Insurance Appraisers, Auto Damage	210	200	-4.8%	0	5	5
13-1041	Compliance Officers	3,600	3,750	4.2%	16	66	82
13-1051	Cost Estimators	3,560	4,190	17.7%	64	114	178
13-1071	Human Resources Specialists	6,260	6,680	6.7%	42	114	156
13-1075	Labor Relations Specialists	1,440	1,460	1.4%	1	26	27
13-1081	Logisticians	2,390	3,000	25.5%	62	28	90
13-1111	Management Analysts	12,240	13,950	14.0%	171	190	361
13-1121	Meeting, Convention & Event Planners	1,360	1,770	30.1%	41	19	60
13-1131	Fundraisers	750	820	9.3%	7	15	22
13-1141	Compensation, Benefits & Job Analysis Specialists	1,580	1,660	5.1%	8	29	37
13-1151	Training & Development Specialists	3,920	4,430	13.0%	51	72	123
13-1161	Market Research Analysts & Marketing Specialists	9,400	12,030	28.0%	263	129	392
13-1199	Business Operations Specialists, Other	6,730	6,910	2.7%	18	92	110
<b>13-2000</b>	<b>Financial Specialists</b>	<b>45,320</b>	<b>49,630</b>	<b>9.5%</b>	<b>456</b>	<b>1,167</b>	<b>1,623</b>
13-2011	Accountants & Auditors	23,200	25,350	9.3%	215	687	902
13-2021	Appraisers & Assessors of Real Estate	600	600	0.0%	0	5	5
13-2031	Budget Analysts	960	1,030	7.3%	6	39	45
13-2041	Credit Analysts	750	820	9.3%	7	19	26
13-2051	Financial Analysts	4,980	5,700	14.5%	72	121	193
13-2052	Personal Financial Advisors	3,510	4,710	34.2%	120	57	177
13-2053	Insurance Underwriters	2,390	2,180	-8.8%	0	65	65
13-2061	Financial Examiners	680	750	10.3%	7	17	24
13-2071	Credit Counselors	380	430	13.2%	4	7	11
13-2072	Loan Officers	3,660	3,790	3.6%	13	67	80
13-2081	Tax Examiners, Collectors & Revenue Agents	1,210	1,170	-3.3%	0	42	42

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
13-2082	Tax Preparers	1,110	1,130	1.8%	2	23	25
13-2099	Financial Specialists, Other	1,880	1,970	4.8%	10	20	30
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>56,670</b>	<b>68,050</b>	<b>20.1%</b>	<b>1,140</b>	<b>946</b>	<b>2,086</b>
<b>15-1100</b>	<b>Computer Occupations</b>	<b>54,160</b>	<b>65,010</b>	<b>20.0%</b>	<b>1,087</b>	<b>878</b>	<b>1,965</b>
15-1111	Computer & Information Research Scientists	260	310	19.2%	6	4	10
15-1121	Computer Systems Analysts	8,540	10,930	28.0%	239	134	373
15-1122	Information Security Analysts	910	1,210	33.0%	30	14	44
15-1131	Computer Programmers	5,700	6,540	14.7%	84	149	233
15-1132	Software Developers, Applications	5,410	6,530	20.7%	112	69	181
15-1133	Software Developers, Systems Software	7,800	9,870	26.5%	207	100	307
15-1134	Web Developers	1,780	2,080	16.9%	30	28	58
15-1141	Database Administrators	1,790	2,050	14.5%	25	34	59
15-1142	Network & Computer Systems Administrators	7,870	8,940	13.6%	106	124	230
15-1143	Computer Network Architects	1,470	1,660	12.9%	19	23	42
15-1151	Computer User Support Specialists	8,560	10,490	22.5%	194	134	328
15-1152	Computer Network Support Specialists	2,230	2,570	15.2%	34	35	69
15-1199	Computer Occupations, Other	1,850	1,840	-0.5%	0	29	29
<b>15-2000</b>	<b>Mathematical Scientists</b>	<b>2,510</b>	<b>3,040</b>	<b>21.1%</b>	<b>53</b>	<b>68</b>	<b>121</b>
15-2011	Actuaries	760	890	17.1%	14	22	36
15-2031	Operations Research Analysts	950	1,180	24.2%	24	21	45
15-2041	Statisticians	780	930	19.2%	15	25	40
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>30,130</b>	<b>32,690</b>	<b>8.5%</b>	<b>269</b>	<b>714</b>	<b>983</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>2,300</b>	<b>2,510</b>	<b>9.1%</b>	<b>20</b>	<b>54</b>	<b>74</b>
17-1011	Architects	1,580	1,730	9.5%	15	38	53
17-1022	Surveyors	340	350	2.9%	1	7	8
<b>17-2000</b>	<b>Engineers</b>	<b>20,680</b>	<b>22,950</b>	<b>11.0%</b>	<b>228</b>	<b>534</b>	<b>762</b>
17-2031	Biomedical Engineers	770	1,070	39.0%	30	20	50
17-2041	Chemical Engineers	730	770	5.5%	4	17	21
17-2051	Civil Engineers	4,070	4,710	15.7%	64	99	163
17-2061	Computer Hardware Engineers	690	790	14.5%	10	15	25
17-2071	Electrical Engineers	2,130	2,290	7.5%	16	46	62
17-2072	Electronics Engineers	1,900	2,040	7.4%	14	42	56
17-2081	Environmental Engineers	1,040	1,140	9.6%	11	25	36
17-2111	Health & Safety Engineers	540	600	11.1%	7	16	23
17-2112	Industrial Engineers	2,960	3,240	9.5%	28	86	114

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
17-2131	Materials Engineers	220	240	9.1%	1	7	8
17-2141	Mechanical Engineers	3,090	3,330	7.8%	24	105	129
17-2199	Engineers, Other	950	940	-1.1%	0	18	18
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	<b>7,140</b>	<b>7,230</b>	<b>1.3%</b>	<b>20</b>	<b>126</b>	<b>146</b>
17-3011	Architectural & Civil Drafters	1,300	1,210	-6.9%	0	17	17
17-3012	Electrical & Electronics Drafters	420	430	2.4%	1	6	7
17-3013	Mechanical Drafters	1,020	1,030	1.0%	2	14	16
17-3022	Civil Engineering Technicians	630	620	-1.6%	0	13	13
17-3023	Electrical & Electronic Engineering Technicians	1,600	1,650	3.1%	6	33	39
17-3024	Electro-Mechanical Technicians	110	110	0.0%	0	2	2
17-3025	Environmental Engineering Technicians	430	470	9.3%	5	9	14
17-3026	Industrial Engineering Technicians	520	550	5.8%	2	11	13
17-3027	Mechanical Engineering Technicians	440	470	6.8%	3	9	12
17-3029	Engineering Technicians, Other	320	310	-3.1%	0	7	7
17-3031	Surveying & Mapping Technicians	280	300	7.1%	2	5	7
<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>21,800</b>	<b>24,100</b>	<b>10.6%</b>	<b>231</b>	<b>576</b>	<b>807</b>
<b>19-1000</b>	<b>Life Scientists</b>	<b>5,470</b>	<b>6,040</b>	<b>10.4%</b>	<b>57</b>	<b>133</b>	<b>190</b>
19-1012	Food Scientists & Technologists	100	110	10.0%	1	3	4
19-1022	Microbiologists	360	390	8.3%	3	10	13
19-1023	Zoologists & Wildlife Biologists	80	80	0.0%	0	2	2
19-1029	Biological Scientists, Other	260	280	7.7%	2	7	9
19-1031	Conservation Scientists	240	250	4.2%	0	7	7
19-1032	Foresters	70	70	0.0%	0	2	2
19-1041	Epidemiologists	60	70	16.7%	0	1	1
19-1042	Medical Scientists	3,120	3,500	12.2%	38	66	104
<b>19-2000</b>	<b>Physical Scientists</b>	<b>5,330</b>	<b>5,880</b>	<b>10.3%</b>	<b>55</b>	<b>141</b>	<b>196</b>
19-2031	Chemists	3,190	3,450	8.2%	26	83	109
19-2032	Materials Scientists	220	240	9.1%	2	6	8
19-2041	Environmental Scientists & Specialists	940	1,100	17.0%	17	28	45
19-2042	Geoscientists	360	410	13.9%	4	11	15
19-2043	Hydrologists	70	70	0.0%	0	2	2
19-2099	Physical Scientists, Other	270	280	3.7%	2	6	8
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	<b>5,490</b>	<b>5,950</b>	<b>8.4%</b>	<b>46</b>	<b>130</b>	<b>176</b>
19-3011	Economists	360	420	16.7%	6	11	17
19-3022	Survey Researchers	1,670	1,870	12.0%	20	23	43

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
19-3031	Clinical, Counseling & School Psychologists	2,340	2,480	6.0%	13	64	77
19-3039	Psychologists, Other	150	170	13.3%	2	4	6
19-3041	Sociologists	160	170	6.2%	2	4	6
19-3051	Urban & Regional Planners	350	360	2.9%	1	16	17
19-3092	Geographers	20	30	50.0%	0	0	0
19-3099	Social Scientists & Related Workers, Other	260	250	-3.8%	0	4	4
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Technicians</b>	<b>5,510</b>	<b>6,240</b>	<b>13.2%</b>	<b>73</b>	<b>172</b>	<b>245</b>
19-4011	Agricultural & Food Science Technicians	170	170	0.0%	1	6	7
19-4021	Biological Technicians	2,380	2,760	16.0%	38	71	109
19-4031	Chemical Technicians	1,450	1,550	6.9%	9	36	45
19-4041	Geological & Petroleum Technicians	80	90	12.5%	1	3	4
19-4061	Social Science Research Assistants	90	100	11.1%	2	4	6
19-4092	Forensic Science Technicians	80	80	0.0%	0	3	3
19-4099	Life, Physical & Social Science Technicians, Other	650	700	7.7%	4	26	30
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>48,930</b>	<b>54,290</b>	<b>11.0%</b>	<b>540</b>	<b>1,131</b>	<b>1,671</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Other Community &amp; Social Service Specialists</b>	<b>40,160</b>	<b>45,310</b>	<b>12.8%</b>	<b>519</b>	<b>910</b>	<b>1,429</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	2,810	3,390	20.6%	59	60	119
21-1012	Educational, Guidance, School & Vocational Counselors	4,240	4,510	6.4%	28	90	118
21-1013	Marriage & Family Therapists	520	610	17.3%	9	11	20
21-1014	Mental Health Counselors	5,850	6,760	15.6%	91	124	215
21-1015	Rehabilitation Counselors	2,300	2,600	13.0%	31	49	80
21-1019	Counselors, Other	320	350	9.4%	3	7	10
21-1021	Child, Family & School Social Workers	6,100	6,720	10.2%	62	129	191
21-1022	Healthcare Social Workers	2,740	3,300	20.4%	56	58	114
21-1023	Mental Health & Substance Abuse Social Workers	3,130	3,620	15.7%	49	66	115
21-1029	Social Workers, Other	400	420	5.0%	1	9	10
21-1091	Health Educators	1,270	1,510	18.9%	24	33	57
21-1092	Probation Officers & Correctional Treatment Specialists	1,440	1,390	-3.5%	0	38	38
21-1093	Social & Human Service Assistants	7,690	8,640	12.4%	95	201	296
21-1094	Community Health Workers	890	1,010	13.5%	11	23	34
21-1099	Community & Social Service Specialists, Other	480	500	4.2%	2	12	14
<b>21-2000</b>	<b>Religious Workers</b>	<b>8,770</b>	<b>8,980</b>	<b>2.4%</b>	<b>21</b>	<b>221</b>	<b>242</b>
21-2011	Clergy	4,720	4,860	3.0%	14	97	111
21-2021	Directors, Religious Activities & Education	2,810	2,860	1.8%	5	96	101
21-2099	Religious Workers, Other	1,240	1,260	1.6%	2	28	30

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>23-0000</b>	<b>Legal Occupations</b>	<b>23,630</b>	<b>26,070</b>	<b>10.3%</b>	<b>245</b>	<b>380</b>	<b>625</b>
<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>17,270</b>	<b>18,840</b>	<b>9.1%</b>	<b>157</b>	<b>277</b>	<b>434</b>
23-1011	Lawyers	16,160	17,720	9.7%	156	259	415
23-1012	Judicial Law Clerks	580	590	1.7%	1	10	11
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	230	230	0.0%	0	4	4
23-1022	Arbitrators, Mediators & Conciliators	70	70	0.0%	0	1	1
23-1023	Judges, Magistrate Judges & Magistrates	230	220	-4.3%	0	4	4
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>6,370</b>	<b>7,240</b>	<b>13.7%</b>	<b>87</b>	<b>104</b>	<b>191</b>
23-2011	Paralegals & Legal Assistants	4,560	5,330	16.9%	78	74	152
23-2091	Court Reporters	270	280	3.7%	1	4	5
23-2093	Title Examiners, Abstractors & Searchers	1,190	1,270	6.7%	9	19	28
23-2099	Legal Support Workers, Other	360	350	-2.8%	0	6	6
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>112,990</b>	<b>118,460</b>	<b>4.8%</b>	<b>584</b>	<b>2,358</b>	<b>2,942</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>22,530</b>	<b>24,430</b>	<b>8.4%</b>	<b>190</b>	<b>339</b>	<b>529</b>
25-1011	Business Teachers, Postsecondary	1,210	1,320	9.1%	11	18	29
25-1021	Computer Science Teachers, Postsecondary	620	660	6.5%	4	9	13
25-1022	Mathematical Science Teachers, Postsecondary	930	990	6.5%	6	14	20
25-1031	Architecture Teachers, Postsecondary	130	140	7.7%	1	2	3
25-1032	Engineering Teachers, Postsecondary	800	840	5.0%	4	12	16
25-1041	Agricultural Sciences Teachers, Postsecondary	310	320	3.2%	1	5	6
25-1042	Biological Science Teachers, Postsecondary	1,830	2,080	13.7%	25	28	53
25-1043	Forestry & Conservation Science Teachers, Postsecondary	80	90	12.5%	0	1	1
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	300	310	3.3%	2	4	6
25-1052	Chemistry Teachers, Postsecondary	440	470	6.8%	3	7	10
25-1053	Environmental Science Teachers, Postsecondary	120	130	8.3%	1	2	3
25-1054	Physics Teachers, Postsecondary	300	320	6.7%	2	4	6
25-1061	Anthropology & Archeology Teachers, Postsecondary	130	140	7.7%	1	2	3
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	110	120	9.1%	1	2	3
25-1063	Economics Teachers, Postsecondary	330	360	9.1%	2	5	7
25-1064	Geography Teachers, Postsecondary	90	100	11.1%	0	1	1
25-1065	Political Science Teachers, Postsecondary	310	340	9.7%	3	5	8
25-1066	Psychology Teachers, Postsecondary	670	710	6.0%	5	10	15
25-1067	Sociology Teachers, Postsecondary	430	460	7.0%	2	6	8
25-1071	Health Specialties Teachers, Postsecondary	2,080	2,350	13.0%	27	31	58
25-1072	Nursing Instructors & Teachers, Postsecondary	1,080	1,160	7.4%	8	16	24

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
25-1081	Education Teachers, Postsecondary	1,120	1,210	8.0%	9	17	26
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	200	220	10.0%	2	3	5
25-1112	Law Teachers, Postsecondary	120	130	8.3%	1	2	3
25-1113	Social Work Teachers, Postsecondary	270	290	7.4%	2	4	6
25-1121	Art, Drama & Music Teachers, Postsecondary	1,050	1,150	9.5%	10	16	26
25-1122	Communications Teachers, Postsecondary	480	510	6.2%	4	7	11
25-1123	English Language & Literature Teachers, Postsecondary	1,490	1,580	6.0%	9	22	31
25-1124	Foreign Language & Literature Teachers, Postsecondary	550	590	7.3%	4	8	12
25-1125	History Teachers, Postsecondary	450	480	6.7%	3	7	10
25-1126	Philosophy & Religion Teachers, Postsecondary	540	620	14.8%	8	8	16
25-1191	Graduate Teaching Assistants	580	610	5.2%	3	9	12
25-1192	Home Economics Teachers, Postsecondary	160	160	0.0%	1	2	3
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	310	340	9.7%	3	5	8
25-1194	Vocational Education Teachers, Postsecondary	1,650	1,760	6.7%	11	25	36
25-1199	Postsecondary Teachers, Other	1,200	1,290	7.5%	9	18	27
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	<b>56,240</b>	<b>58,180</b>	<b>3.4%</b>	<b>230</b>	<b>1,340</b>	<b>1,570</b>
25-2011	Preschool Teachers	6,260	7,350	17.4%	109	176	285
25-2012	Kindergarten Teachers	1,630	1,740	6.7%	11	46	57
25-2021	Elementary School Teachers	17,160	17,960	4.7%	81	378	459
25-2022	Middle School Teachers	6,040	6,330	4.8%	29	133	162
25-2023	Career/Technical Education Teachers, Middle School	170	170	0.0%	0	4	4
25-2031	Secondary School Teachers	16,720	16,450	-1.6%	0	454	454
25-2032	Career/Technical Education Teachers, Secondary School	860	840	-2.3%	0	23	23
25-2052	Special Education Teachers, Kindergarten & Elementary School	3,050	3,020	-1.0%	0	52	52
25-2053	Special Education Teachers, Middle School	1,330	1,320	-0.8%	0	23	23
25-2054	Special Education Teachers, Secondary School	2,960	2,930	-1.0%	0	50	50
<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	<b>13,010</b>	<b>13,580</b>	<b>4.4%</b>	<b>57</b>	<b>222</b>	<b>279</b>
25-3011	Adult Basic & Secondary Education & Literacy Teachers	560	570	1.8%	1	10	11
25-3021	Self-Enrichment Education Teachers	5,880	6,280	6.8%	40	100	140
25-3098	Substitute Teachers	4,490	4,550	1.3%	6	77	83
25-3099	Teachers & Instructors, Other	2,080	2,170	4.3%	10	36	46
<b>25-4000</b>	<b>Librarians, Curators &amp; Archivists</b>	<b>3,010</b>	<b>3,170</b>	<b>5.3%</b>	<b>16</b>	<b>95</b>	<b>111</b>
25-4011	Archivists	120	140	16.7%	2	3	5
25-4012	Curators	120	140	16.7%	2	3	5
25-4013	Museum Technicians & Conservators	200	220	10.0%	3	4	7

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
25-4021	Librarians	1,700	1,750	2.9%	5	38	43
25-4031	Library Technicians	870	910	4.6%	4	47	51
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	<b>18,200</b>	<b>19,110</b>	<b>5.0%</b>	<b>91</b>	<b>363</b>	<b>454</b>
25-9031	Instructional Coordinators	2,110	2,330	10.4%	22	18	40
25-9041	Teacher Assistants	14,690	15,340	4.4%	66	333	399
25-9099	Education, Training & Library Workers, Other	570	590	3.5%	1	5	6
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>34,250</b>	<b>35,640</b>	<b>4.1%</b>	<b>174</b>	<b>794</b>	<b>968</b>
<b>27-1000</b>	<b>Art &amp; Design Workers</b>	<b>9,610</b>	<b>9,740</b>	<b>1.4%</b>	<b>36</b>	<b>248</b>	<b>284</b>
27-1011	Art Directors	990	980	-1.0%	0	23	23
27-1013	Fine Artists	320	320	0.0%	0	8	8
27-1014	Multimedia Artists & Animators	420	440	4.8%	2	10	12
27-1019	Artists & Related Workers, Other	120	120	0.0%	0	3	3
27-1021	Commercial & Industrial Designers	630	680	7.9%	5	17	22
27-1022	Fashion Designers	110	110	0.0%	0	3	3
27-1023	Floral Designers	1,140	940	-17.5%	0	30	30
27-1024	Graphic Designers	4,420	4,600	4.1%	18	117	135
27-1025	Interior Designers	670	750	11.9%	8	18	26
27-1026	Merchandise Displayers & Window Trimmers	420	420	0.0%	1	11	12
27-1027	Set & Exhibit Designers	70	70	0.0%	0	2	2
<b>27-2000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	<b>9,280</b>	<b>9,750</b>	<b>5.1%</b>	<b>48</b>	<b>272</b>	<b>320</b>
27-2011	Actors	630	700	11.1%	7	20	27
27-2012	Producers & Directors	1,610	1,670	3.7%	5	55	60
27-2022	Coaches & Scouts	3,350	3,660	9.3%	31	99	130
27-2023	Umpires, Referees & Other Sports Officials	70	70	0.0%	0	2	2
27-2031	Dancers	120	130	8.3%	1	4	5
27-2041	Music Directors & Composers	1,030	1,010	-1.9%	0	28	28
27-2042	Musicians & Singers	1,870	1,880	0.5%	1	50	51
27-2099	Entertainers & Performers, Sports & Related Workers, Other	180	180	0.0%	0	2	2
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	<b>11,390</b>	<b>11,990</b>	<b>5.3%</b>	<b>71</b>	<b>220</b>	<b>291</b>
27-3011	Radio & Television Announcers	560	550	-1.8%	0	12	12
27-3022	Reporters & Correspondents	510	460	-9.8%	0	17	17
27-3031	Public Relations Specialists	4,790	5,120	6.9%	33	66	99
27-3041	Editors	1,700	1,680	-1.2%	0	41	41
27-3042	Technical Writers	830	900	8.4%	8	25	33
27-3043	Writers & Authors	1,820	1,800	-1.1%	0	39	39

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
27-3091	Interpreters & Translators	710	990	39.4%	28	10	38
27-3099	Media & Communication Workers, Other	260	270	3.8%	1	4	5
<b>27-4000</b>	<b>Media &amp; Communication Equipment Workers</b>	<b>3,970</b>	<b>4,160</b>	<b>4.8%</b>	<b>20</b>	<b>53</b>	<b>73</b>
27-4011	Audio & Video Equipment Technicians	1,080	1,210	12.0%	13	20	33
27-4012	Broadcast Technicians	300	310	3.3%	1	6	7
27-4014	Sound Engineering Technicians	220	220	0.0%	0	4	4
27-4021	Photographers	1,660	1,690	1.8%	4	17	21
27-4031	Camera Operators: TV, Video & Motion Picture	260	270	3.8%	1	2	3
27-4032	Film & Video Editors	260	260	0.0%	0	2	2
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>120,470</b>	<b>140,080</b>	<b>16.3%</b>	<b>1,962</b>	<b>2,486</b>	<b>4,448</b>
<b>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	<b>77,320</b>	<b>89,920</b>	<b>16.3%</b>	<b>1,260</b>	<b>1,577</b>	<b>2,837</b>
29-1011	Chiropractors	520	570	9.6%	5	10	15
29-1021	Dentists, General	1,470	1,520	3.4%	4	36	40
29-1029	Dentists, Other Specialists	70	60	-14.3%	0	2	2
29-1031	Dietitians & Nutritionists	1,160	1,310	12.9%	15	14	29
29-1041	Optometrists	320	380	18.8%	6	9	15
29-1051	Pharmacists	4,540	5,030	10.8%	49	108	157
29-1061	Anesthesiologists	640	700	9.4%	5	16	21
29-1062	Family & General Practitioners	2,980	3,050	2.3%	7	75	82
29-1063	Internists, General	660	670	1.5%	1	16	17
29-1064	Obstetricians & Gynecologists	110	110	0.0%	0	3	3
29-1066	Psychiatrists	430	470	9.3%	4	11	15
29-1067	Surgeons	680	750	10.3%	7	17	24
29-1069	Physicians & Surgeons, Other	4,910	5,330	8.6%	42	123	165
29-1071	Physician Assistants	1,470	1,640	11.6%	17	26	43
29-1081	Podiatrists	160	190	18.8%	2	3	5
29-1122	Occupational Therapists	1,870	2,220	18.7%	35	25	60
29-1123	Physical Therapists	3,080	3,720	20.8%	64	76	140
29-1124	Radiation Therapists	350	400	14.3%	4	7	11
29-1125	Recreational Therapists	580	680	17.2%	10	12	22
29-1126	Respiratory Therapists	2,010	2,450	21.9%	44	29	73
29-1127	Speech-Language Pathologists	1,280	1,540	20.3%	26	19	45
29-1128	Exercise Physiologists	80	90	12.5%	1	1	2
29-1129	Therapists, Other	220	260	18.2%	5	3	8
29-1131	Veterinarians	640	700	9.4%	6	20	26

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
29-1141	Registered Nurses	44,290	52,800	19.2%	851	859	1,710
29-1151	Nurse Anesthetists	610	660	8.2%	6	12	18
29-1161	Nurse Midwives	10	20	100.0%	0	0	0
29-1171	Nurse Practitioners	1,390	1,750	25.9%	36	27	63
29-1181	Audiologists	230	280	21.7%	5	5	10
29-1199	Health Diagnosing & Treating Practitioners, Other	430	440	2.3%	1	9	10
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	<b>41,230</b>	<b>47,990</b>	<b>16.4%</b>	<b>676</b>	<b>856</b>	<b>1,532</b>
29-2011	Medical & Clinical Laboratory Technologists	2,880	3,040	5.6%	16	76	92
29-2012	Medical & Clinical Laboratory Technicians	3,830	4,100	7.0%	27	100	127
29-2021	Dental Hygienists	2,940	3,370	14.6%	43	75	118
29-2031	Cardiovascular Technologists & Technicians	830	1,060	27.7%	23	12	35
29-2032	Diagnostic Medical Sonographers	1,050	1,400	33.3%	35	15	50
29-2033	Nuclear Medicine Technologists	320	370	15.6%	5	4	9
29-2034	Radiologic Technologists	3,190	3,700	16.0%	52	45	97
29-2035	Magnetic Resonance Imaging Technologists	480	560	16.7%	8	7	15
29-2041	Emergency Medical Technicians & Paramedics	3,690	4,550	23.3%	86	101	187
29-2051	Dietetic Technicians	220	260	18.2%	4	2	6
29-2052	Pharmacy Technicians	4,500	5,110	13.6%	61	44	105
29-2053	Psychiatric Technicians	600	610	1.7%	1	6	7
29-2054	Respiratory Therapy Technicians	210	260	23.8%	5	2	7
29-2055	Surgical Technologists	710	890	25.4%	17	7	24
29-2056	Veterinary Technologists & Technicians	1,440	1,640	13.9%	21	14	35
29-2061	Licensed Practical & Licensed Vocational Nurses	10,240	12,140	18.6%	190	250	440
29-2071	Medical Records & Health Information Technicians	2,710	3,300	21.8%	59	72	131
29-2081	Opticians, Dispensing	550	610	10.9%	6	16	22
29-2091	Orthotists & Prosthetists	70	90	28.6%	2	1	3
29-2099	Health Technologists & Technicians, Other	680	840	23.5%	16	7	23
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	<b>1,920</b>	<b>2,180</b>	<b>13.5%</b>	<b>25</b>	<b>52</b>	<b>77</b>
29-9011	Occupational Health & Safety Specialists	570	590	3.5%	2	16	18
29-9091	Athletic Trainers	350	440	25.7%	8	10	18
29-9099	Healthcare Practitioners & Technical Workers, Other	840	970	15.5%	13	23	36
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>70,270</b>	<b>83,680</b>	<b>19.1%</b>	<b>1,345</b>	<b>1,345</b>	<b>2,690</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>48,930</b>	<b>59,250</b>	<b>21.1%</b>	<b>1,032</b>	<b>931</b>	<b>1,963</b>
31-1011	Home Health Aides	21,330	28,750	34.8%	742	406	1,148
31-1013	Psychiatric Aides	1,330	1,410	6.0%	9	25	34

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
31-1014	Nursing Assistants	25,580	28,280	10.6%	270	486	756
31-1015	Orderlies	700	810	15.7%	11	13	24
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>2,990</b>	<b>3,820</b>	<b>27.8%</b>	<b>83</b>	<b>68</b>	<b>151</b>
31-2011	Occupational Therapy Assistants	500	620	24.0%	12	12	24
31-2012	Occupational Therapy Aides	260	320	23.1%	7	6	13
31-2021	Physical Therapist Assistants	1,240	1,540	24.2%	31	27	58
31-2022	Physical Therapist Aides	1,010	1,340	32.7%	33	22	55
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>18,340</b>	<b>20,600</b>	<b>12.3%</b>	<b>230</b>	<b>346</b>	<b>576</b>
31-9011	Massage Therapists	1,300	1,570	20.8%	27	14	41
31-9091	Dental Assistants	4,100	4,400	7.3%	30	85	115
31-9092	Medical Assistants	7,270	8,380	15.3%	111	139	250
31-9093	Medical Equipment Preparers	630	760	20.6%	13	12	25
31-9094	Medical Transcriptionists	1,340	1,300	-3.0%	0	26	26
31-9095	Pharmacy Aides	760	830	9.2%	6	15	21
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	1,070	1,120	4.7%	4	20	24
31-9097	Phlebotomists	1,130	1,400	23.9%	26	22	48
31-9099	Healthcare Support Workers, Other	740	860	16.2%	12	14	26
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>45,800</b>	<b>49,070</b>	<b>7.1%</b>	<b>337</b>	<b>1,169</b>	<b>1,506</b>
<b>33-1000</b>	<b>Supervisors - Protective Service Workers</b>	<b>2,860</b>	<b>2,890</b>	<b>1.0%</b>	<b>4</b>	<b>84</b>	<b>88</b>
33-1011	Supervisors - Correctional Officers	170	180	5.9%	0	6	6
33-1012	Supervisors - Police & Detectives	1,930	1,920	-0.5%	0	57	57
33-1021	Supervisors - Fire Fighting & Prevention	210	220	4.8%	0	9	9
33-1099	Supervisors - Protective Service Workers, Other	550	580	5.5%	3	12	15
<b>33-2000</b>	<b>Fire Fighting &amp; Prevention Workers</b>	<b>2,490</b>	<b>2,530</b>	<b>1.6%</b>	<b>4</b>	<b>68</b>	<b>72</b>
33-2011	Firefighters	2,340	2,370	1.3%	4	64	68
33-2021	Fire Inspectors & Investigators	160	160	0.0%	1	5	6
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>18,060</b>	<b>18,370</b>	<b>1.7%</b>	<b>31</b>	<b>528</b>	<b>559</b>
33-3011	Bailiffs	160	160	0.0%	0	4	4
33-3012	Correctional Officers & Jailers	4,480	4,550	1.6%	6	119	125
33-3021	Detectives & Criminal Investigators	1,650	1,700	3.0%	4	36	40
33-3041	Parking Enforcement Workers	70	60	-14.3%	0	2	2
33-3051	Police & Sheriff's Patrol Officers	11,530	11,730	1.7%	20	361	381
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>22,390</b>	<b>25,270</b>	<b>12.9%</b>	<b>297</b>	<b>488</b>	<b>785</b>
33-9011	Animal Control Workers	70	80	14.3%	1	2	3
33-9021	Private Detectives & Investigators	1,090	1,250	14.7%	16	30	46

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
33-9031	Gaming Surveillance Officers & Gaming Investigators	80	90	12.5%	0	1	1
33-9032	Security Guards	16,660	19,250	15.5%	259	255	514
33-9091	Crossing Guards	1,460	1,370	-6.2%	0	22	22
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	1,740	1,860	6.9%	12	119	131
33-9093	Transportation Security Screeners	660	740	12.1%	8	15	23
33-9099	Protective Service Workers, Other	620	640	3.2%	1	42	43
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>142,810</b>	<b>154,420</b>	<b>8.1%</b>	<b>1,178</b>	<b>5,432</b>	<b>6,610</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>10,130</b>	<b>11,150</b>	<b>10.1%</b>	<b>101</b>	<b>265</b>	<b>366</b>
35-1011	Chefs & Head Cooks	1,710	1,760	2.9%	5	28	33
35-1012	Supervisors - Food Preparation & Serving Workers	8,420	9,390	11.5%	96	238	334
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	<b>30,800</b>	<b>32,810</b>	<b>6.5%</b>	<b>208</b>	<b>716</b>	<b>924</b>
35-2011	Cooks, Fast Food	1,890	1,880	-0.5%	0	37	37
35-2012	Cooks, Institution & Cafeteria	5,450	6,070	11.4%	63	108	171
35-2014	Cooks, Restaurant	9,340	10,530	12.7%	119	184	303
35-2015	Cooks, Short Order	1,870	1,820	-2.7%	0	37	37
35-2021	Food Preparation Workers	12,120	12,380	2.1%	26	347	373
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>84,720</b>	<b>92,400</b>	<b>9.1%</b>	<b>778</b>	<b>3,577</b>	<b>4,355</b>
35-3011	Bartenders	7,950	8,570	7.8%	62	294	356
35-3021	Combined Food Preparation & Serving Workers	37,590	42,230	12.3%	464	1,435	1,899
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	4,940	4,840	-2.0%	0	301	301
35-3031	Waiters & Waitresses	28,900	30,270	4.7%	137	1,390	1,527
35-3041	Food Servers, Nonrestaurant	5,340	6,500	21.7%	116	156	272
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>17,160</b>	<b>18,070</b>	<b>5.3%</b>	<b>91</b>	<b>874</b>	<b>965</b>
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	6,240	6,560	5.1%	32	273	305
35-9021	Dishwashers	6,920	7,310	5.6%	39	305	344
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	3,780	3,970	5.0%	19	285	304
35-9099	Food Preparation & Serving Related Workers, Other	210	230	9.5%	1	12	13
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>68,220</b>	<b>75,410</b>	<b>10.5%</b>	<b>719</b>	<b>1,402</b>	<b>2,121</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>5,130</b>	<b>5,650</b>	<b>10.1%</b>	<b>51</b>	<b>97</b>	<b>148</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	3,080	3,390	10.1%	31	74	105
37-1012	Supervisors - Landscaping & Groundskeeping Workers	2,050	2,250	9.8%	20	23	43
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>47,890</b>	<b>52,830</b>	<b>10.3%</b>	<b>494</b>	<b>922</b>	<b>1,416</b>
37-2011	Janitors & Cleaners	31,090	34,230	10.1%	314	585	899
37-2012	Maids & Housekeeping Cleaners	15,990	17,640	10.3%	165	317	482
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>15,200</b>	<b>16,930</b>	<b>11.4%</b>	<b>173</b>	<b>383</b>	<b>556</b>

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
37-3011	Landscaping & Groundskeeping Workers	14,000	15,530	10.9%	153	353	506
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	410	460	12.2%	5	10	15
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>81,920</b>	<b>93,940</b>	<b>14.7%</b>	<b>1,204</b>	<b>1,822</b>	<b>3,026</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>3,900</b>	<b>4,230</b>	<b>8.5%</b>	<b>33</b>	<b>72</b>	<b>105</b>
39-1021	Supervisors - Personal Service Workers	3,600	3,920	8.9%	32	66	98
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>2,300</b>	<b>2,580</b>	<b>12.2%</b>	<b>28</b>	<b>40</b>	<b>68</b>
39-2011	Animal Trainers	370	380	2.7%	1	16	17
39-2021	Nonfarm Animal Caretakers	1,920	2,200	14.6%	27	23	50
<b>39-3000</b>	<b>Entertainment Attendants &amp; Related Workers</b>	<b>9,250</b>	<b>10,070</b>	<b>8.9%</b>	<b>83</b>	<b>393</b>	<b>476</b>
39-3021	Motion Picture Projectionists	70	70	0.0%	0	3	3
39-3031	Ushers, Lobby Attendants & Ticket Takers	1,650	1,740	5.5%	9	87	96
39-3091	Amusement & Recreation Attendants	4,370	4,820	10.3%	45	219	264
39-3093	Locker Room, Coatroom & Dressing Room Attendants	450	490	8.9%	4	22	26
<b>39-4000</b>	<b>Funeral Service Workers</b>	<b>470</b>	<b>470</b>	<b>0.0%</b>	<b>1</b>	<b>10</b>	<b>11</b>
39-4021	Funeral Attendants	240	220	-8.3%	0	5	5
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>16,730</b>	<b>19,110</b>	<b>14.2%</b>	<b>238</b>	<b>329</b>	<b>567</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	11,320	12,730	12.5%	141	265	406
39-5092	Manicurists & Pedicurists	3,140	3,690	17.5%	54	26	80
39-5093	Shampooers	320	320	0.0%	0	3	3
<b>39-6000</b>	<b>Transportation, Tourism &amp; Lodging Attendants</b>	<b>1,210</b>	<b>1,390</b>	<b>14.9%</b>	<b>19</b>	<b>30</b>	<b>49</b>
39-6011	Baggage Porters & Bellhops	740	830	12.2%	9	18	27
39-6012	Concierges	460	560	21.7%	10	12	22
<b>39-7000</b>	<b>Tour &amp; Travel Guides</b>	<b>630</b>	<b>700</b>	<b>11.1%</b>	<b>6</b>	<b>30</b>	<b>36</b>
<b>39-9000</b>	<b>Other Personal Care &amp; Service Workers</b>	<b>47,450</b>	<b>55,390</b>	<b>16.7%</b>	<b>794</b>	<b>917</b>	<b>1,711</b>
39-9011	Childcare Workers	20,050	22,430	11.9%	238	589	827
39-9021	Personal Care Aides	15,140	19,390	28.1%	425	108	533
39-9031	Fitness Trainers & Aerobics Instructors	5,020	5,540	10.4%	52	59	111
39-9032	Recreation Workers	4,230	4,660	10.2%	43	50	93
39-9041	Residential Advisors	1,740	1,940	11.5%	20	75	95
39-9099	Personal Care & Service Workers, Other	1,280	1,440	12.5%	16	36	52
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>202,350</b>	<b>205,750</b>	<b>1.7%</b>	<b>467</b>	<b>6,041</b>	<b>6,508</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	<b>20,710</b>	<b>20,430</b>	<b>-1.4%</b>	<b>0</b>	<b>404</b>	<b>404</b>
41-1011	Supervisors - Retail Sales Workers	15,550	15,410	-0.9%	0	338	338
41-1012	Supervisors - Non-Retail Sales Workers	5,160	5,020	-2.7%	0	66	66
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>112,710</b>	<b>113,160</b>	<b>0.4%</b>	<b>108</b>	<b>4,208</b>	<b>4,316</b>

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
41-2011	Cashiers	45,040	44,400	-1.4%	0	1,947	1,947
41-2021	Counter & Rental Clerks	4,480	4,750	6.0%	27	114	141
41-2031	Retail Salespersons	60,860	61,540	1.1%	68	2,082	2,150
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>26,600</b>	<b>28,000</b>	<b>5.3%</b>	<b>165</b>	<b>668</b>	<b>833</b>
41-3011	Advertising Sales Agents	2,940	2,890	-1.7%	0	90	90
41-3021	Insurance Sales Agents	7,840	8,110	3.4%	27	184	211
41-3031	Securities, Commodities & Financial Services Sales Agents	6,450	7,010	8.7%	56	151	207
41-3041	Travel Agents	1,140	940	-17.5%	0	17	17
41-3099	Sales Representatives, Other Services	8,230	9,050	10.0%	82	225	307
<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	<b>30,170</b>	<b>31,590</b>	<b>4.7%</b>	<b>142</b>	<b>588</b>	<b>730</b>
41-4011	Sales Representatives, Technical & Scientific Products	6,460	7,010	8.5%	56	126	182
41-4012	Sales Representatives	23,720	24,580	3.6%	86	462	548
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	<b>12,150</b>	<b>12,570</b>	<b>3.5%</b>	<b>52</b>	<b>173</b>	<b>225</b>
41-9011	Demonstrators & Product Promoters	930	1,010	8.6%	8	26	34
41-9021	Real Estate Brokers	1,540	1,620	5.2%	8	14	22
41-9022	Real Estate Sales Agents	5,270	5,560	5.5%	29	50	79
41-9031	Sales Engineers	980	1,010	3.1%	3	17	20
41-9041	Telemarketers	2,400	2,330	-2.9%	0	50	50
41-9091	Door-to-Door Sales Workers, News & Street Vendors & Related Workers	460	430	-6.5%	0	5	5
41-9099	Sales & Related Workers, Other	580	610	5.2%	3	11	14
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>325,070</b>	<b>331,160</b>	<b>1.9%</b>	<b>1,526</b>	<b>6,933</b>	<b>8,459</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	<b>20,250</b>	<b>21,780</b>	<b>7.6%</b>	<b>153</b>	<b>480</b>	<b>633</b>
43-1011	Supervisors - Office & Administrative Support Workers	20,250	21,780	7.6%	153	480	633
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>2,540</b>	<b>2,120</b>	<b>-16.5%</b>	<b>0</b>	<b>52</b>	<b>52</b>
43-2011	Switchboard Operators	1,890	1,590	-15.9%	0	35	35
<b>43-3000</b>	<b>Financial Clerks</b>	<b>51,310</b>	<b>54,660</b>	<b>6.5%</b>	<b>361</b>	<b>1,028</b>	<b>1,389</b>
43-3011	Bill & Account Collectors	5,770	6,220	7.8%	45	162	207
43-3021	Billing & Posting Clerks	10,800	11,820	9.4%	102	199	301
43-3031	Bookkeeping, Accounting & Auditing Clerks	23,020	24,890	8.1%	187	211	398
43-3041	Gaming Cage Workers	100	110	10.0%	0	2	2
43-3051	Payroll & Timekeeping Clerks	2,900	3,110	7.2%	22	64	86
43-3061	Procurement Clerks	910	920	1.1%	2	33	35
43-3071	Tellers	7,400	7,140	-3.5%	0	345	345
43-3099	Financial Clerks, Other	420	460	9.5%	4	12	16
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	<b>81,360</b>	<b>84,840</b>	<b>4.3%</b>	<b>446</b>	<b>2,093</b>	<b>2,539</b>

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
43-4011	Brokerage Clerks	1,990	1,690	-15.1%	0	51	51
43-4021	Correspondence Clerks	380	390	2.6%	0	10	10
43-4031	Court, Municipal & License Clerks	700	750	7.1%	5	11	16
43-4041	Credit Authorizers, Checkers & Clerks	870	820	-5.7%	0	10	10
43-4051	Customer Service Representatives	34,900	37,720	8.1%	282	950	1,232
43-4061	Eligibility Interviewers, Government Programs	3,960	4,120	4.0%	16	79	95
43-4071	File Clerks	2,270	2,110	-7.0%	0	52	52
43-4081	Hotel, Motel & Resort Desk Clerks	1,770	1,950	10.2%	18	84	102
43-4111	Interviewers	3,070	3,190	3.9%	12	58	70
43-4121	Library Assistants, Clerical	1,720	1,740	1.2%	3	75	78
43-4131	Loan Interviewers & Clerks	2,480	2,650	6.9%	17	17	34
43-4141	New Accounts Clerks	160	150	-6.2%	0	4	4
43-4151	Order Clerks	2,940	2,820	-4.1%	0	78	78
43-4161	Human Resources Assistants	2,650	2,560	-3.4%	0	67	67
43-4171	Receptionists & Information Clerks	18,280	19,200	5.0%	92	492	584
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	1,610	1,530	-5.0%	0	21	21
43-4199	Information & Record Clerks, Other	1,620	1,430	-11.7%	0	35	35
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>49,160</b>	<b>45,450</b>	<b>-7.5%</b>	<b>72</b>	<b>1,328</b>	<b>1,400</b>
43-5011	Cargo & Freight Agents	1,390	1,580	13.7%	20	37	57
43-5021	Couriers & Messengers	1,380	1,150	-16.7%	0	18	18
43-5031	Police, Fire & Ambulance Dispatchers	1,150	1,180	2.6%	4	33	37
43-5032	Dispatchers	1,820	1,950	7.1%	13	53	66
43-5041	Meter Readers, Utilities	300	250	-16.7%	0	8	8
43-5051	Postal Service Clerks	1,180	740	-37.3%	0	18	18
43-5052	Postal Service Mail Carriers	4,100	2,780	-32.2%	0	143	143
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	2,690	1,750	-34.9%	0	20	20
43-5061	Production, Planning & Expediting Clerks	4,630	4,870	5.2%	24	116	140
43-5071	Shipping, Receiving & Traffic Clerks	8,650	8,730	0.9%	8	227	235
43-5081	Stock Clerks & Order Fillers	21,400	19,950	-6.8%	0	646	646
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	480	510	6.2%	4	10	14
<b>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>58,500</b>	<b>62,180</b>	<b>6.3%</b>	<b>425</b>	<b>704</b>	<b>1,129</b>
43-6011	Executive Secretaries & Executive Administrative Assistants	10,830	10,550	-2.6%	0	130	130
43-6012	Legal Secretaries	5,970	5,670	-5.0%	0	72	72
43-6013	Medical Secretaries	6,410	7,920	23.6%	151	77	228
43-6014	Secretaries	35,300	38,040	7.8%	275	425	700

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>61,950</b>	<b>60,140</b>	<b>-2.9%</b>	<b>68</b>	<b>1,247</b>	<b>1,315</b>
43-9011	Computer Operators	1,000	820	-18.0%	0	10	10
43-9021	Data Entry Keyers	4,260	3,110	-27.0%	0	51	51
43-9022	Word Processors & Typists	2,390	1,730	-27.6%	0	9	9
43-9031	Desktop Publishers	360	360	0.0%	0	7	7
43-9041	Insurance Claims & Policy Processing Clerks	4,040	4,170	3.2%	12	107	119
43-9051	Mail Clerks & Mail Machine Operators	2,530	2,260	-10.7%	0	58	58
43-9061	Office Clerks, General	44,560	45,090	1.2%	54	936	990
43-9071	Office Machine Operators	1,450	1,220	-15.9%	0	34	34
43-9081	Proofreaders & Copy Markers	250	250	0.0%	0	5	5
43-9111	Statistical Assistants	210	220	4.8%	2	6	8
43-9199	Office & Administrative Support Workers, Other	890	900	1.1%	1	25	26
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>3,820</b>	<b>3,860</b>	<b>1.0%</b>	<b>5</b>	<b>112</b>	<b>117</b>
<b>45-1000</b>	<b>Supervisors - Farming, Fishing &amp; Forestry Workers</b>	<b>180</b>	<b>180</b>	<b>0.0%</b>	<b>0</b>	<b>4</b>	<b>4</b>
45-1011	Farm & Forestry Worker Supervisors	180	180	0.0%	0	4	4
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>3,600</b>	<b>3,640</b>	<b>1.1%</b>	<b>4</b>	<b>108</b>	<b>112</b>
45-2011	Agricultural Inspectors	100	100	0.0%	0	3	3
45-2041	Graders & Sorters, Agricultural Products	130	130	0.0%	0	2	2
45-2091	Agricultural Equipment Operators	190	200	5.3%	1	6	7
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	2,580	2,580	0.0%	0	78	78
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	510	540	5.9%	3	15	18
<b>45-3000</b>	<b>Fishers &amp; Hunting Workers</b>	<b>20</b>	<b>20</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>
45-3011	Fishers & Related Fishing Workers	20	20	0.0%	0	0	0
<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>
45-4022	Logging Equipment Operators	10	10	0.0%	0	0	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>61,740</b>	<b>71,490</b>	<b>15.8%</b>	<b>976</b>	<b>998</b>	<b>1,974</b>
<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	<b>4,750</b>	<b>5,560</b>	<b>17.1%</b>	<b>80</b>	<b>51</b>	<b>131</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	4,750	5,560	17.1%	80	51	131
<b>47-2000</b>	<b>Construction Trades Workers</b>	<b>50,050</b>	<b>58,140</b>	<b>16.2%</b>	<b>809</b>	<b>816</b>	<b>1,625</b>
47-2021	Brickmasons & Blockmasons	770	1,000	29.9%	22	8	30
47-2022	Stonemasons	270	340	25.9%	7	3	10
47-2031	Carpenters	14,140	16,920	19.7%	277	174	451
47-2041	Carpet Installers	530	570	7.5%	4	9	13
47-2044	Tile & Marble Setters	330	380	15.2%	4	6	10
47-2051	Cement Masons & Concrete Finishers	1,450	1,710	17.9%	27	17	44

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
47-2053	Terrazzo Workers & Finishers	40	40	0.0%	0	0	0
47-2061	Construction Laborers	8,210	9,480	15.5%	127	176	303
47-2071	Paving, Surfacing & Tamping Equipment Operators	640	720	12.5%	8	9	17
47-2072	Pile-Driver Operators	40	40	0.0%	1	1	2
47-2073	Operating Engineers & Other Construction Equipment Operators	3,990	4,460	11.8%	47	89	136
47-2082	Tapers	170	190	11.8%	2	2	4
47-2111	Electricians	5,960	6,870	15.3%	91	112	203
47-2121	Glaziers	510	560	9.8%	4	12	16
47-2131	Insulation Workers, Floor, Ceiling & Wall	170	180	5.9%	2	2	4
47-2141	Painters, Construction & Maintenance	2,480	2,840	14.5%	36	38	74
47-2151	Pipelayers	1,080	1,400	29.6%	31	14	45
47-2152	Plumbers, Pipefitters & Steamfitters	4,450	5,210	17.1%	76	55	131
47-2161	Plasterers & Stucco Masons	110	110	0.0%	0	0	0
47-2171	Reinforcing Iron & Rebar Workers	20	30	50.0%	0	0	0
47-2181	Roofers	1,470	1,500	2.0%	4	31	35
47-2211	Sheet Metal Workers	1,280	1,420	10.9%	13	24	37
47-2221	Structural Iron & Steel Workers	260	290	11.5%	3	8	11
<b>47-3000</b>	<b>Helpers, Construction Trades</b>	<b>1,210</b>	<b>1,500</b>	<b>24.0%</b>	<b>30</b>	<b>19</b>	<b>49</b>
47-3011	Helpers--Brick, Block, Stonemasons, Tile & Marble Setters	320	440	37.5%	12	5	17
47-3012	Helpers--Carpenters	200	250	25.0%	4	3	7
47-3013	Helpers--Electricians	190	240	26.3%	5	3	8
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	260	310	19.2%	5	4	9
47-3016	Helpers--Roofers	100	110	10.0%	1	2	3
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	<b>5,360</b>	<b>5,880</b>	<b>9.7%</b>	<b>51</b>	<b>103</b>	<b>154</b>
47-4011	Construction & Building Inspectors	1,200	1,280	6.7%	8	28	36
47-4021	Elevator Installers & Repairers	170	210	23.5%	3	3	6
47-4041	Hazardous Materials Removal Workers	480	570	18.8%	8	10	18
47-4051	Highway Maintenance Workers	2,130	2,170	1.9%	4	32	36
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	500	650	30.0%	15	10	25
<b>47-5000</b>	<b>Extraction Workers</b>	<b>360</b>	<b>420</b>	<b>16.7%</b>	<b>5</b>	<b>9</b>	<b>14</b>
47-5051	Rock Splitters, Quarry	20	30	50.0%	0	0	0
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>68,080</b>	<b>72,950</b>	<b>7.2%</b>	<b>510</b>	<b>1,570</b>	<b>2,080</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	<b>4,240</b>	<b>4,480</b>	<b>5.7%</b>	<b>24</b>	<b>115</b>	<b>139</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	4,240	4,480	5.7%	24	115	139
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	<b>7,210</b>	<b>7,390</b>	<b>2.5%</b>	<b>29</b>	<b>140</b>	<b>169</b>

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
49-2011	Computer, Automated Teller & Office Machine Repairers	2,010	2,010	0.0%	0	42	42
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	90	80	-11.1%	0	1	1
49-2022	Telecommunications Equipment Installers & Repairers	1,410	1,440	2.1%	3	19	22
49-2091	Avionics Technicians	90	80	-11.1%	0	2	2
49-2092	Electric Motor, Power Tool & Related Repairers	170	160	-5.9%	0	3	3
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	1,500	1,450	-3.3%	0	30	30
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	200	210	5.0%	1	4	5
49-2098	Security & Fire Alarm Systems Installers	1,330	1,580	18.8%	25	27	52
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>19,480</b>	<b>20,590</b>	<b>5.7%</b>	<b>114</b>	<b>490</b>	<b>604</b>
49-3011	Aircraft Mechanics & Service Technicians	2,220	2,200	-0.9%	0	60	60
49-3021	Automotive Body & Related Repairers	1,840	1,990	8.2%	15	35	50
49-3023	Automotive Service Technicians & Mechanics	10,510	11,190	6.5%	68	266	334
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,800	1,950	8.3%	15	38	53
49-3041	Farm Equipment Mechanics & Service Technicians	100	110	10.0%	1	3	4
49-3042	Mobile Heavy Equipment Mechanics	930	990	6.5%	5	27	32
49-3052	Motorcycle Mechanics	130	140	7.7%	0	3	3
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	280	270	-3.6%	0	6	6
49-3091	Bicycle Repairers	330	360	9.1%	4	11	15
49-3092	Recreational Vehicle Service Technicians	60	70	16.7%	0	2	2
49-3093	Tire Repairers & Changers	690	720	4.3%	3	24	27
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>37,150</b>	<b>40,490</b>	<b>9.0%</b>	<b>343</b>	<b>824</b>	<b>1,167</b>
49-9012	Control & Valve Installers & Repairers	280	280	0.0%	0	9	9
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	3,970	4,500	13.4%	52	101	153
49-9031	Home Appliance Repairers	690	680	-1.4%	0	21	21
49-9041	Industrial Machinery Mechanics	3,720	4,530	21.8%	80	108	188
49-9043	Maintenance Workers, Machinery	1,060	1,220	15.1%	16	13	29
49-9044	Millwrights	200	230	15.0%	3	3	6
49-9051	Electrical Power-Line Installers & Repairers	610	700	14.8%	9	21	30
49-9052	Telecommunications Line Installers & Repairers	2,690	2,660	-1.1%	0	66	66
49-9062	Medical Equipment Repairers	740	930	25.7%	20	20	40
49-9063	Musical Instrument Repairers & Tuners	180	170	-5.6%	0	5	5
49-9069	Precision Instrument & Equipment Repairers, Other	140	140	0.0%	0	4	4
49-9071	Maintenance & Repair Workers, General	18,570	19,960	7.5%	139	357	496
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	930	890	-4.3%	0	9	9
49-9096	Riggers	40	40	0.0%	0	1	1

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
49-9097	Signal & Track Switch Repairers	100	100	0.0%	0	2	2
49-9098	Helpers--Installation, Maintenance & Repair Workers	1,700	1,840	8.2%	14	51	65
49-9099	Installation, Maintenance & Repair Workers, Other	1,130	1,190	5.3%	6	19	25
<b>51-0000</b>	<b>Production Occupations</b>	<b>91,590</b>	<b>91,250</b>	<b>-0.4%</b>	<b>240</b>	<b>1,902</b>	<b>2,142</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>6,410</b>	<b>6,350</b>	<b>-0.9%</b>	<b>0</b>	<b>90</b>	<b>90</b>
51-1011	Supervisors - Production & Operating Workers	6,410	6,350	-0.9%	0	90	90
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>16,430</b>	<b>16,630</b>	<b>1.2%</b>	<b>40</b>	<b>277</b>	<b>317</b>
51-2011	Aircraft Structure, Surfaces, Rigging & Systems Assemblers	1,040	1,100	5.8%	6	16	22
51-2022	Electrical & Electronic Equipment Assemblers	2,370	2,190	-7.6%	0	29	29
51-2023	Electromechanical Equipment Assemblers	1,390	1,360	-2.2%	0	17	17
51-2031	Engine & Other Machine Assemblers	730	800	9.6%	6	12	18
51-2041	Structural Metal Fabricators & Fitters	1,270	1,370	7.9%	10	51	61
51-2092	Team Assemblers	8,380	8,520	1.7%	14	132	146
51-2099	Assemblers & Fabricators, Other	1,120	1,160	3.6%	4	18	22
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>9,140</b>	<b>9,220</b>	<b>0.9%</b>	<b>17</b>	<b>234</b>	<b>251</b>
51-3011	Bakers	3,310	3,360	1.5%	5	80	85
51-3021	Butchers & Meat Cutters	2,860	2,930	2.4%	7	71	78
51-3022	Meat, Poultry & Fish Cutters & Trimmers	910	950	4.4%	4	22	26
51-3023	Slaughterers & Meat Packers	450	410	-8.9%	0	11	11
51-3092	Food Batchmakers	1,130	1,080	-4.4%	0	37	37
51-3093	Food Cooking Machine Operators	320	320	0.0%	0	8	8
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>15,420</b>	<b>15,800</b>	<b>2.5%</b>	<b>84</b>	<b>307</b>	<b>391</b>
51-4011	Computer-Controlled Machine Tool Operators	1,290	1,490	15.5%	20	36	56
51-4012	Computer Numerically Controlled Machine Tool Programmers	130	170	30.8%	4	4	8
51-4021	Extruding & Drawing Machine Operators	910	830	-8.8%	0	18	18
51-4022	Forging Machine Operators	100	90	-10.0%	0	2	2
51-4023	Rolling Machine Operators	260	240	-7.7%	0	5	5
51-4031	Cutting, Punching & Press Machine Operators	1,380	1,350	-2.2%	0	12	12
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	450	420	-6.7%	0	10	10
51-4034	Lathe & Turning Machine Tool Operators	360	310	-13.9%	0	7	7
51-4035	Milling & Planing Machine Operators	90	80	-11.1%	0	2	2
51-4041	Machinists	4,050	4,520	11.6%	47	93	140
51-4051	Metal-Refining Furnace Operators	200	200	0.0%	0	3	3
51-4052	Pourers & Casters, Metal	180	170	-5.6%	0	2	2

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
51-4061	Model Makers	70	70	0.0%	0	1	1
51-4062	Patternmakers	30	30	0.0%	0	0	0
51-4071	Foundry Mold & Coremakers	30	30	0.0%	0	0	0
51-4072	Molding, Coremaking & Casting Machine Operators	520	460	-11.5%	0	6	6
51-4081	Multiple Machine Tool Operators	1,100	1,000	-9.1%	0	21	21
51-4111	Tool & Die Makers	680	670	-1.5%	0	4	4
51-4121	Welders, Cutters, Solderers & Brazers	2,180	2,240	2.8%	6	54	60
51-4122	Welding, Soldering & Brazing Machine Operators	230	290	26.1%	6	6	12
51-4193	Plating & Coating Machine Operators	470	480	2.1%	1	9	10
<b>51-5100</b>	<b>Printing Workers</b>	<b>4,690</b>	<b>4,400</b>	<b>-6.2%</b>	<b>0</b>	<b>89</b>	<b>89</b>
51-5111	Prepress Technician & Workers	820	690	-15.9%	0	21	21
51-5112	Printing Press Operators	2,970	2,850	-4.0%	0	52	52
51-5113	Print Binding & Finishing Workers	910	870	-4.4%	0	16	16
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	<b>7,280</b>	<b>6,500</b>	<b>-10.7%</b>	<b>14</b>	<b>131</b>	<b>145</b>
51-6011	Laundry & Dry-Cleaning Workers	2,780	2,920	5.0%	14	82	96
51-6021	Pressers: Textile, Garment & Related Materials	320	260	-18.8%	0	3	3
51-6031	Sewing Machine Operators	1,840	1,440	-21.7%	0	9	9
51-6041	Shoe & Leather Workers & Repairers	20	20	0.0%	0	0	0
51-6061	Textile Bleaching & Dyeing Machine Operators	120	80	-33.3%	0	2	2
51-6062	Textile Cutting Machine Operators	220	190	-13.6%	0	4	4
51-6063	Textile Knitting & Weaving Machine Operators	280	140	-50.0%	0	5	5
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	270	200	-25.9%	0	4	4
51-6092	Fabric & Apparel Patternmakers	40	40	0.0%	0	1	1
51-6093	Upholsterers	400	380	-5.0%	0	11	11
<b>51-7000</b>	<b>Woodworkers</b>	<b>1,720</b>	<b>1,880</b>	<b>9.3%</b>	<b>16</b>	<b>15</b>	<b>31</b>
51-7011	Cabinetmakers & Bench Carpenters	1,130	1,210	7.1%	8	9	17
51-7021	Furniture Finishers	70	70	0.0%	0	1	1
51-7032	Patternmakers, Wood	20	20	0.0%	0	0	0
51-7041	Sawing Machine Operators, Wood	60	70	16.7%	0	2	2
51-7042	Woodworking Machine Operators	410	490	19.5%	7	2	9
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	<b>4,010</b>	<b>4,050</b>	<b>1.0%</b>	<b>14</b>	<b>137</b>	<b>151</b>
51-8012	Power Distributors & Dispatchers	180	190	5.6%	1	6	7
51-8013	Power Plant Operators	350	320	-8.6%	0	11	11
51-8021	Stationary Engineers & Boiler Operators	720	770	6.9%	5	22	27

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
51-8031	Water & Wastewater Treatment Plant & System Operators	1,370	1,430	4.4%	6	48	54
51-8091	Chemical Plant & System Operators	570	530	-7.0%	0	21	21
51-8092	Gas Plant Operators	230	240	4.3%	1	9	10
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>26,490</b>	<b>26,410</b>	<b>-0.3%</b>	<b>55</b>	<b>622</b>	<b>677</b>
51-9011	Chemical Equipment Operators	1,790	1,660	-7.3%	0	62	62
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	930	920	-1.1%	0	32	32
51-9021	Crushing, Grinding & Polishing Machine Operators	200	200	0.0%	0	6	6
51-9022	Grinding & Polishing Workers, Hand	260	260	0.0%	0	7	7
51-9023	Mixing & Blending Machine Operators	1,470	1,400	-4.8%	0	42	42
51-9031	Cutters & Trimmers, Hand	140	140	0.0%	0	2	2
51-9032	Cutting & Slicing Machine Operators	690	650	-5.8%	0	12	12
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	830	810	-2.4%	0	23	23
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	100	100	0.0%	0	2	2
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	5,050	5,380	6.5%	33	111	144
51-9071	Jewelers & Precious Stone & Metal Workers	250	220	-12.0%	0	5	5
51-9081	Dental Laboratory Technicians	420	420	0.0%	0	14	14
51-9082	Medical Appliance Technicians	490	500	2.0%	1	16	17
51-9083	Ophthalmic Laboratory Technicians	420	440	4.8%	3	14	17
51-9111	Packaging & Filling Machine Operators	4,020	3,830	-4.7%	0	95	95
51-9121	Coating, Painting & Spraying Machine Operators	420	420	0.0%	0	8	8
51-9122	Painters, Transportation Equipment	630	680	7.9%	5	12	17
51-9123	Painting, Coating & Decorating Workers	140	130	-7.1%	0	2	2
51-9141	Semiconductor Processors	100	70	-30.0%	0	2	2
51-9151	Photographic Process Workers & Processing Machine Operators	860	770	-10.5%	0	25	25
51-9191	Adhesive Bonding Machine Operators	100	100	0.0%	0	2	2
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	180	180	0.0%	0	4	4
51-9194	Etchers & Engravers	90	100	11.1%	1	2	3
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	410	420	2.4%	1	14	15
51-9196	Paper Goods Machine Operators	1,230	1,210	-1.6%	0	11	11
51-9198	Helpers--Production Workers	4,670	4,720	1.1%	4	81	85
51-9199	Production Workers, Other	510	590	15.7%	7	13	20
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>102,080</b>	<b>108,990</b>	<b>6.8%</b>	<b>710</b>	<b>2,461</b>	<b>3,171</b>
<b>53-1000</b>	<b>Supervisors - Transportation &amp; Material Moving Workers</b>	<b>3,700</b>	<b>3,890</b>	<b>5.1%</b>	<b>20</b>	<b>102</b>	<b>122</b>
53-1031	Supervisors - Transportation & Vehicle Operators	1,990	2,130	7.0%	14	55	69

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
53-2012	Commercial Pilots	400	430	7.5%	4	12	16
53-2021	Air Traffic Controllers	170	180	5.9%	1	8	9
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>39,920</b>	<b>43,090</b>	<b>7.9%</b>	<b>318</b>	<b>642</b>	<b>960</b>
53-3011	Ambulance Drivers & Attendants	670	870	29.9%	20	11	31
53-3021	Bus Drivers, Transit & Intercity	1,700	2,030	19.4%	32	31	63
53-3022	Bus Drivers, School or Special Client	6,000	6,340	5.7%	34	110	144
53-3031	Driver/Sales Workers	4,550	4,780	5.1%	23	73	96
53-3032	Heavy & Tractor-Trailer Truck Drivers	12,690	14,270	12.5%	158	203	361
53-3033	Light Truck or Delivery Services Drivers	10,100	10,100	0.0%	0	162	162
53-3041	Taxi Drivers & Chauffeurs	4,010	4,520	12.7%	51	47	98
53-3099	Motor Vehicle Operators, Other	190	200	5.3%	0	5	5
53-4011	Locomotive Engineers	770	760	-1.3%	0	23	23
53-4021	Railroad Brake, Signal & Switch Operators	480	470	-2.1%	0	15	15
53-4031	Railroad Conductors & Yardmasters	830	810	-2.4%	0	25	25
<b>53-5000</b>	<b>Water Transportation Workers</b>	<b>350</b>	<b>300</b>	<b>-14.3%</b>	<b>0</b>	<b>16</b>	<b>16</b>
53-5011	Sailors & Marine Oilers	120	100	-16.7%	0	5	5
53-5021	Captains, Mates & Pilots of Water Vessels	170	150	-11.8%	0	8	8
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>4,940</b>	<b>5,300</b>	<b>7.3%</b>	<b>37</b>	<b>194</b>	<b>231</b>
53-6011	Bridge & Lock Tenders	50	50	0.0%	0	2	2
53-6021	Parking Lot Attendants	3,120	3,390	8.7%	27	150	177
53-6031	Automotive & Watercraft Service Attendants	430	490	14.0%	6	12	18
53-6041	Traffic Technicians	30	30	0.0%	0	1	1
53-6051	Transportation Inspectors	230	250	8.7%	2	8	10
53-6061	Transportation Attendants	910	920	1.1%	1	15	16
53-6099	Transportation Workers, Other	160	170	6.2%	0	6	6
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>46,830</b>	<b>49,690</b>	<b>6.1%</b>	<b>294</b>	<b>1,339</b>	<b>1,633</b>
53-7011	Conveyor Operators	450	460	2.2%	2	12	14
53-7021	Crane & Tower Operators	470	540	14.9%	7	16	23
53-7032	Excavating & Loading Machine & Dragline Operators	220	250	13.6%	3	2	5
53-7051	Industrial Truck & Tractor Operators	3,670	3,620	-1.4%	0	84	84
53-7061	Cleaners of Vehicles & Equipment	3,080	3,300	7.1%	22	86	108
53-7062	Laborers & Freight, Stock & Material Movers	27,650	29,580	7.0%	194	856	1,050
53-7063	Machine Feeders & Offbearers	870	850	-2.3%	0	17	17
53-7064	Packers & Packagers, Hand	8,150	8,580	5.3%	43	214	257

**Philadelphia-Camden-Wilmington MSA (PA Counties Only)**  
**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>
53-7071	Gas Compressor & Gas Pumping Station Operators	200	210	5.0%	1	7	8
53-7072	Pump Operators	30	30	0.0%	0	1	1
53-7081	Refuse & Recyclable Material Collectors	1,890	2,100	11.1%	21	39	60

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.