

**Chester County WIA  
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>252,140</b>	<b>278,400</b>	<b>10.4%</b>	<b>2,787</b>	<b>5,840</b>	<b>8,627</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>13,010</b>	<b>13,930</b>	<b>7.1%</b>	<b>106</b>	<b>259</b>	<b>365</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>3,580</b>	<b>3,870</b>	<b>8.1%</b>	<b>28</b>	<b>69</b>	<b>97</b>
11-1011	Chief Executives	720	730	1.4%	0	15	15
11-1021	General & Operations Managers	2,700	2,970	10.0%	27	50	77
11-1031	Legislators	160	170	6.2%	1	4	5
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations &amp; Sales Managers</b>	<b>1,130</b>	<b>1,230</b>	<b>8.8%</b>	<b>10</b>	<b>25</b>	<b>35</b>
11-2011	Advertising & Promotions Managers	50	50	0.0%	0	2	2
11-2021	Marketing Managers	350	380	8.6%	4	7	11
11-2022	Sales Managers	660	720	9.1%	5	14	19
11-2031	Public Relations & Fundraising Managers	70	80	14.3%	1	2	3
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>3,090</b>	<b>3,430</b>	<b>11.0%</b>	<b>34</b>	<b>56</b>	<b>90</b>
11-3011	Administrative Services Managers	440	480	9.1%	5	7	12
11-3021	Computer & Information Systems Managers	730	860	17.8%	13	10	23
11-3031	Financial Managers	1,090	1,180	8.3%	8	20	28
11-3051	Industrial Production Managers	260	260	0.0%	0	5	5
11-3061	Purchasing Managers	130	140	7.7%	1	3	4
11-3071	Transportation, Storage & Distribution Managers	130	140	7.7%	1	3	4
11-3111	Compensation & Benefits Managers	50	50	0.0%	0	1	1
11-3121	Human Resources Managers	190	250	31.6%	6	5	11
11-3131	Training & Development Managers	60	70	16.7%	1	1	2
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>5,210</b>	<b>5,410</b>	<b>3.8%</b>	<b>33</b>	<b>109</b>	<b>142</b>
11-9021	Construction Managers	560	620	10.7%	6	9	15
11-9031	Education Admin., Preschool & Childcare Center/Program	150	180	20.0%	3	4	7
11-9032	Education Administrators, Elementary & Secondary School	350	350	0.0%	0	9	9
11-9033	Education Administrators, Postsecondary	130	150	15.4%	2	4	6
11-9039	Education Administrators, Other	20	20	0.0%	0	0	0
11-9041	Architectural & Engineering Managers	370	410	10.8%	4	9	13
11-9051	Food Service Managers	260	270	3.8%	0	5	5
11-9061	Funeral Service Managers	20	20	0.0%	0	0	0
11-9111	Medical & Health Services Managers	670	740	10.4%	7	16	23
11-9121	Natural Sciences Managers	100	110	10.0%	2	2	4
11-9131	Postmasters & Mail Superintendents	40	30	-25.0%	0	1	1
11-9151	Social & Community Service Managers	220	230	4.5%	2	4	6
11-9199	Managers, Other	1,090	1,140	4.6%	4	24	28

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<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>16,460</b>	<b>18,940</b>	<b>15.1%</b>	<b>249</b>	<b>357</b>	<b>606</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>9,300</b>	<b>10,950</b>	<b>17.7%</b>	<b>165</b>	<b>166</b>	<b>331</b>
13-1022	Wholesale & Retail Buyers	310	330	6.5%	2	8	10
13-1023	Purchasing Agents	650	690	6.2%	3	12	15
13-1031	Claims Adjusters, Examiners & Investigators	620	660	6.5%	4	14	18
13-1041	Compliance Officers	320	340	6.2%	3	6	9
13-1051	Cost Estimators	750	910	21.3%	16	24	40
13-1071	Human Resources Specialists	890	1,080	21.3%	19	16	35
13-1075	Labor Relations Specialists	30	30	0.0%	0	0	0
13-1081	Logisticians	360	440	22.2%	8	4	12
13-1111	Management Analysts	1,760	2,090	18.8%	33	27	60
13-1131	Fundraisers	70	80	14.3%	1	1	2
13-1141	Compensation, Benefits & Job Analysis Specialists	290	300	3.4%	2	5	7
13-1151	Training & Development Specialists	650	790	21.5%	13	12	25
13-1161	Market Research Analysts & Marketing Specialists	1,460	1,930	32.2%	47	20	67
13-1199	Business Operations Specialists, Other	970	1,080	11.3%	11	13	24
<b>13-2000</b>	<b>Financial Specialists</b>	<b>7,160</b>	<b>7,990</b>	<b>11.6%</b>	<b>84</b>	<b>191</b>	<b>275</b>
13-2011	Accountants & Auditors	4,560	5,100	11.8%	54	135	189
13-2031	Budget Analysts	150	160	6.7%	1	6	7
13-2041	Credit Analysts	100	100	0.0%	0	2	2
13-2051	Financial Analysts	670	770	14.9%	10	16	26
13-2052	Personal Financial Advisors	730	860	17.8%	13	12	25
13-2053	Insurance Underwriters	200	180	-10.0%	0	5	5
13-2071	Credit Counselors	10	20	100.0%	0	0	0
13-2072	Loan Officers	400	420	5.0%	2	7	9
13-2082	Tax Preparers	20	20	0.0%	0	0	0
13-2099	Financial Specialists, Other	110	120	9.1%	1	1	2
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>13,000</b>	<b>15,690</b>	<b>20.7%</b>	<b>270</b>	<b>212</b>	<b>482</b>
<b>15-1100</b>	<b>Computer Occupations</b>	<b>12,810</b>	<b>15,450</b>	<b>20.6%</b>	<b>264</b>	<b>207</b>	<b>471</b>
15-1121	Computer Systems Analysts	2,380	3,020	26.9%	64	37	101
15-1122	Information Security Analysts	150	200	33.3%	5	2	7
15-1131	Computer Programmers	1,380	1,590	15.2%	21	36	57
15-1132	Software Developers, Applications	940	1,090	16.0%	15	12	27
15-1133	Software Developers, Systems Software	2,360	2,810	19.1%	45	30	75
15-1134	Web Developers	420	490	16.7%	7	7	14

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15-1141	Database Administrators	320	410	28.1%	9	6	15
15-1142	Network & Computer Systems Administrators	1,640	1,900	15.9%	27	26	53
15-1151	Computer User Support Specialists	2,000	2,550	27.5%	55	31	86
15-1152	Computer Network Support Specialists	590	710	20.3%	12	9	21
15-1199	Computer Occupations, Other	230	230	0.0%	0	4	4
<b>15-2000</b>	<b>Mathematical Scientists</b>	<b>180</b>	<b>240</b>	<b>33.3%</b>	<b>6</b>	<b>5</b>	<b>11</b>
15-2011	Actuaries	60	80	33.3%	2	2	4
15-2031	Operations Research Analysts	70	90	28.6%	2	2	4
15-2041	Statisticians	50	70	40.0%	1	2	3
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>4,700</b>	<b>5,450</b>	<b>16.0%</b>	<b>75</b>	<b>110</b>	<b>185</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>400</b>	<b>470</b>	<b>17.5%</b>	<b>7</b>	<b>9</b>	<b>16</b>
17-1011	Architects	310	350	12.9%	5	7	12
17-1022	Surveyors	40	40	0.0%	0	1	1
<b>17-2000</b>	<b>Engineers</b>	<b>3,000</b>	<b>3,580</b>	<b>19.3%</b>	<b>58</b>	<b>77</b>	<b>135</b>
17-2031	Biomedical Engineers	170	280	64.7%	11	4	15
17-2041	Chemical Engineers	50	50	0.0%	0	1	1
17-2051	Civil Engineers	830	1,040	25.3%	22	20	42
17-2061	Computer Hardware Engineers	170	200	17.6%	4	4	8
17-2071	Electrical Engineers	220	250	13.6%	3	5	8
17-2072	Electronics Engineers	250	290	16.0%	4	6	10
17-2081	Environmental Engineers	150	180	20.0%	3	4	7
17-2112	Industrial Engineers	470	510	8.5%	4	14	18
17-2131	Materials Engineers	40	40	0.0%	0	1	1
17-2141	Mechanical Engineers	410	470	14.6%	5	14	19
17-2199	Engineers, Other	150	150	0.0%	0	3	3
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	<b>1,300</b>	<b>1,400</b>	<b>7.7%</b>	<b>10</b>	<b>24</b>	<b>34</b>
17-3011	Architectural & Civil Drafters	280	290	3.6%	0	4	4
17-3012	Electrical & Electronics Drafters	30	30	0.0%	0	0	0
17-3013	Mechanical Drafters	110	110	0.0%	0	1	1
17-3022	Civil Engineering Technicians	110	120	9.1%	1	2	3
17-3023	Electrical & Electronic Engineering Technicians	330	370	12.1%	4	7	11
17-3025	Environmental Engineering Technicians	100	120	20.0%	2	2	4
17-3026	Industrial Engineering Technicians	140	140	0.0%	0	3	3
17-3027	Mechanical Engineering Technicians	80	90	12.5%	1	2	3
17-3031	Surveying & Mapping Technicians	90	100	11.1%	1	2	3

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<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>2,550</b>	<b>3,040</b>	<b>19.2%</b>	<b>49</b>	<b>69</b>	<b>118</b>
<b>19-1000</b>	<b>Life Scientists</b>	<b>820</b>	<b>1,040</b>	<b>26.8%</b>	<b>22</b>	<b>20</b>	<b>42</b>
19-1021	Biochemists & Biophysicists	210	290	38.1%	8	6	14
19-1031	Conservation Scientists	40	50	25.0%	1	1	2
<b>19-2000</b>	<b>Physical Scientists</b>	<b>700</b>	<b>820</b>	<b>17.1%</b>	<b>12</b>	<b>19</b>	<b>31</b>
19-2021	Atmospheric & Space Scientists	10	10	0.0%	0	0	0
19-2031	Chemists	330	360	9.1%	3	9	12
19-2041	Environmental Scientists & Specialists	250	320	28.0%	7	8	15
19-2042	Geoscientists	50	70	40.0%	1	2	3
19-2043	Hydrologists	20	30	50.0%	0	1	1
19-2099	Physical Scientists, Other	10	10	0.0%	0	0	0
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	<b>590</b>	<b>640</b>	<b>8.5%</b>	<b>6</b>	<b>15</b>	<b>21</b>
19-3031	Clinical, Counseling & School Psychologists	350	370	5.7%	2	10	12
19-3051	Urban & Regional Planners	80	90	12.5%	1	4	5
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Technicians</b>	<b>440</b>	<b>530</b>	<b>20.5%</b>	<b>9</b>	<b>14</b>	<b>23</b>
19-4021	Biological Technicians	180	230	27.8%	5	5	10
19-4031	Chemical Technicians	100	120	20.0%	2	2	4
19-4091	Environmental Science & Protection Technicians	50	60	20.0%	1	2	3
19-4099	Life, Physical & Social Science Technicians, Other	10	10	0.0%	0	0	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>4,810</b>	<b>5,300</b>	<b>10.2%</b>	<b>49</b>	<b>113</b>	<b>162</b>
21-1012	Educational, Guidance, School & Vocational Counselors	430	450	4.7%	2	9	11
21-1014	Mental Health Counselors	550	640	16.4%	9	12	21
21-1015	Rehabilitation Counselors	100	110	10.0%	1	2	3
21-1022	Healthcare Social Workers	150	180	20.0%	3	3	6
21-1029	Social Workers, Other	10	10	0.0%	0	0	0
21-1091	Health Educators	110	120	9.1%	1	3	4
21-1093	Social & Human Service Assistants	670	740	10.4%	7	17	24
21-2011	Clergy	720	730	1.4%	1	15	16
<b>23-0000</b>	<b>Legal Occupations</b>	<b>2,190</b>	<b>2,510</b>	<b>14.6%</b>	<b>32</b>	<b>35</b>	<b>67</b>
<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>1,720</b>	<b>1,970</b>	<b>14.5%</b>	<b>25</b>	<b>28</b>	<b>53</b>
23-1011	Lawyers	1,670	1,910	14.4%	25	27	52
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>470</b>	<b>540</b>	<b>14.9%</b>	<b>7</b>	<b>8</b>	<b>15</b>
23-2011	Paralegals & Legal Assistants	190	220	15.8%	4	3	7
23-2099	Legal Support Workers, Other	20	20	0.0%	0	0	0
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>14,830</b>	<b>15,920</b>	<b>7.3%</b>	<b>110</b>	<b>321</b>	<b>431</b>

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<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>1,480</b>	<b>1,710</b>	<b>15.5%</b>	<b>23</b>	<b>22</b>	<b>45</b>
25-1011	Business Teachers, Postsecondary	120	150	25.0%	2	2	4
25-1021	Computer Science Teachers, Postsecondary	60	70	16.7%	1	1	2
25-1042	Biological Science Teachers, Postsecondary	40	50	25.0%	1	1	2
25-1052	Chemistry Teachers, Postsecondary	30	40	33.3%	0	0	0
25-1054	Physics Teachers, Postsecondary	30	30	0.0%	0	0	0
25-1067	Sociology Teachers, Postsecondary	20	30	50.0%	0	0	0
25-1071	Health Specialties Teachers, Postsecondary	30	30	0.0%	0	0	0
25-1072	Nursing Instructors & Teachers, Postsecondary	120	140	16.7%	2	2	4
25-1123	English Language & Literature Teachers, Postsecondary	140	160	14.3%	2	2	4
25-1125	History Teachers, Postsecondary	40	50	25.0%	1	1	2
25-1126	Philosophy & Religion Teachers, Postsecondary	40	40	0.0%	1	0	1
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	<b>7,980</b>	<b>8,340</b>	<b>4.5%</b>	<b>37</b>	<b>186</b>	<b>223</b>
25-2011	Preschool Teachers	700	840	20.0%	14	20	34
25-2012	Kindergarten Teachers	370	400	8.1%	2	10	12
25-2021	Elementary School Teachers	2,350	2,490	6.0%	14	52	66
25-2031	Secondary School Teachers	2,350	2,340	-0.4%	0	64	64
25-2052	Special Education Teachers, Kindergarten & Elementary School	1,000	990	-1.0%	0	17	17
25-2053	Special Education Teachers, Middle School	150	150	0.0%	0	2	2
25-2054	Special Education Teachers, Secondary School	460	460	0.0%	0	8	8
<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	<b>1,610</b>	<b>1,940</b>	<b>20.5%</b>	<b>33</b>	<b>28</b>	<b>61</b>
25-3021	Self-Enrichment Education Teachers	850	950	11.8%	10	14	24
25-3098	Substitute Teachers	620	840	35.5%	22	11	33
<b>25-4000</b>	<b>Librarians, Curators &amp; Archivists</b>	<b>320</b>	<b>340</b>	<b>6.2%</b>	<b>2</b>	<b>11</b>	<b>13</b>
25-4021	Librarians	180	190	5.6%	1	4	5
25-4031	Library Technicians	120	130	8.3%	1	6	7
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	<b>3,440</b>	<b>3,590</b>	<b>4.4%</b>	<b>15</b>	<b>74</b>	<b>89</b>
25-9031	Instructional Coordinators	240	280	16.7%	4	2	6
25-9041	Teacher Assistants	3,190	3,300	3.4%	11	72	83
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>4,240</b>	<b>4,520</b>	<b>6.6%</b>	<b>32</b>	<b>99</b>	<b>131</b>
<b>27-1000</b>	<b>Art &amp; Design Workers</b>	<b>1,190</b>	<b>1,310</b>	<b>10.1%</b>	<b>14</b>	<b>31</b>	<b>45</b>
27-1011	Art Directors	140	150	7.1%	1	3	4
27-1012	Craft Artists	10	10	0.0%	0	0	0
27-1019	Artists & Related Workers, Other	10	0	-100.0%	0	0	0
27-1021	Commercial & Industrial Designers	60	70	16.7%	1	2	3

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27-1024	Graphic Designers	560	650	16.1%	8	15	23
27-2011	Actors	20	20	0.0%	0	1	1
27-2022	Coaches & Scouts	640	710	10.9%	7	19	26
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	<b>1,230</b>	<b>1,290</b>	<b>4.9%</b>	<b>6</b>	<b>26</b>	<b>32</b>
27-3031	Public Relations Specialists	480	500	4.2%	3	6	9
27-3041	Editors	130	130	0.0%	0	3	3
27-3042	Technical Writers	230	260	13.0%	3	7	10
27-3043	Writers & Authors	220	220	0.0%	0	5	5
27-4011	Audio & Video Equipment Technicians	100	120	20.0%	2	2	4
27-4014	Sound Engineering Technicians	10	10	0.0%	0	0	0
27-4099	Media & Communication Equipment Workers, Other	10	10	0.0%	0	0	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>11,450</b>	<b>13,510</b>	<b>18.0%</b>	<b>207</b>	<b>240</b>	<b>447</b>
<b>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	<b>7,840</b>	<b>9,120</b>	<b>16.3%</b>	<b>128</b>	<b>163</b>	<b>291</b>
29-1021	Dentists, General	360	390	8.3%	3	9	12
29-1031	Dietitians & Nutritionists	90	100	11.1%	2	1	3
29-1051	Pharmacists	510	570	11.8%	6	12	18
29-1062	Family & General Practitioners	220	220	0.0%	0	6	6
29-1069	Physicians & Surgeons, Other	290	320	10.3%	3	7	10
29-1122	Occupational Therapists	190	220	15.8%	3	3	6
29-1123	Physical Therapists	420	480	14.3%	6	10	16
29-1126	Respiratory Therapists	110	140	27.3%	4	2	6
29-1127	Speech-Language Pathologists	140	160	14.3%	2	2	4
29-1141	Registered Nurses	4,460	5,310	19.1%	85	86	171
29-1171	Nurse Practitioners	70	90	28.6%	2	1	3
29-1181	Audiologists	10	10	0.0%	0	0	0
29-1199	Health Diagnosing & Treating Practitioners, Other	30	40	33.3%	0	1	1
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	<b>3,460</b>	<b>4,210</b>	<b>21.7%</b>	<b>75</b>	<b>72</b>	<b>147</b>
29-2011	Medical & Clinical Laboratory Technologists	140	150	7.1%	2	4	6
29-2012	Medical & Clinical Laboratory Technicians	270	300	11.1%	4	7	11
29-2021	Dental Hygienists	250	310	24.0%	6	6	12
29-2031	Cardiovascular Technologists & Technicians	30	40	33.3%	1	0	1
29-2032	Diagnostic Medical Sonographers	30	40	33.3%	1	0	1
29-2033	Nuclear Medicine Technologists	20	20	0.0%	0	0	0
29-2034	Radiologic Technologists	180	210	16.7%	3	2	5
29-2041	Emergency Medical Technicians & Paramedics	280	420	50.0%	14	8	22

**Chester County WIA  
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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>
29-2052	Pharmacy Technicians	480	510	6.2%	4	5	9
29-2055	Surgical Technologists	60	70	16.7%	2	0	2
29-2061	Licensed Practical & Licensed Vocational Nurses	1,300	1,620	24.6%	31	32	63
29-2071	Medical Records & Health Information Technicians	120	150	25.0%	3	3	6
29-2099	Health Technologists & Technicians, Other	20	20	0.0%	0	0	0
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	<b>150</b>	<b>180</b>	<b>20.0%</b>	<b>3</b>	<b>4</b>	<b>7</b>
29-9091	Athletic Trainers	60	60	0.0%	1	2	3
29-9099	Healthcare Practitioners & Technical Workers, Other	50	70	40.0%	2	1	3
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>6,240</b>	<b>7,510</b>	<b>20.4%</b>	<b>127</b>	<b>120</b>	<b>247</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>4,450</b>	<b>5,490</b>	<b>23.4%</b>	<b>103</b>	<b>85</b>	<b>188</b>
31-1011	Home Health Aides	1,850	2,420	30.8%	57	35	92
31-1014	Nursing Assistants	2,430	2,870	18.1%	44	46	90
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>320</b>	<b>370</b>	<b>15.6%</b>	<b>5</b>	<b>7</b>	<b>12</b>
31-2021	Physical Therapist Assistants	200	220	10.0%	2	4	6
31-2022	Physical Therapist Aides	60	80	33.3%	2	1	3
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>1,470</b>	<b>1,660</b>	<b>12.9%</b>	<b>19</b>	<b>28</b>	<b>47</b>
31-9091	Dental Assistants	580	670	15.5%	8	12	20
31-9092	Medical Assistants	360	390	8.3%	3	7	10
31-9094	Medical Transcriptionists	70	70	0.0%	0	1	1
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,540</b>	<b>2,810</b>	<b>10.6%</b>	<b>27</b>	<b>78</b>	<b>105</b>
<b>33-1000</b>	<b>Supervisors - Protective Service Workers</b>	<b>150</b>	<b>160</b>	<b>6.7%</b>	<b>1</b>	<b>4</b>	<b>5</b>
33-1012	Supervisors - Police & Detectives	100	110	10.0%	1	3	4
33-1099	Supervisors - Protective Service Workers, Other	40	40	0.0%	0	1	1
<b>33-2000</b>	<b>Fire Fighting &amp; Prevention Workers</b>	<b>40</b>	<b>50</b>	<b>25.0%</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>1,270</b>	<b>1,370</b>	<b>7.9%</b>	<b>10</b>	<b>38</b>	<b>48</b>
33-3051	Police & Sheriff's Patrol Officers	880	940	6.8%	7	28	35
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>1,080</b>	<b>1,240</b>	<b>14.8%</b>	<b>16</b>	<b>35</b>	<b>51</b>
33-9021	Private Detectives & Investigators	30	40	33.3%	0	1	1
33-9032	Security Guards	510	600	17.6%	9	8	17
33-9093	Transportation Security Screeners	30	40	33.3%	1	1	2
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>17,440</b>	<b>19,770</b>	<b>13.4%</b>	<b>234</b>	<b>650</b>	<b>884</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>1,170</b>	<b>1,330</b>	<b>13.7%</b>	<b>16</b>	<b>30</b>	<b>46</b>
35-1011	Chefs & Head Cooks	280	310	10.7%	2	5	7
35-1012	Supervisors - Food Preparation & Serving Workers	890	1,030	15.7%	13	25	38
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	<b>4,180</b>	<b>4,640</b>	<b>11.0%</b>	<b>47</b>	<b>95</b>	<b>142</b>

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SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth <sup>1/</sup>	Due to Replace. <sup>2/</sup>	Total <sup>3/</sup>
35-2012	Cooks, Institution & Cafeteria	710	780	9.9%	7	14	21
35-2014	Cooks, Restaurant	1,530	1,820	19.0%	29	30	59
35-2019	Cooks, Other	10	10	0.0%	0	0	0
35-2021	Food Preparation Workers	1,420	1,510	6.3%	8	41	49
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>9,700</b>	<b>11,160</b>	<b>15.1%</b>	<b>146</b>	<b>401</b>	<b>547</b>
35-3011	Bartenders	1,030	1,190	15.5%	15	38	53
35-3021	Combined Food Preparation & Serving Workers	4,610	5,420	17.6%	81	176	257
35-3031	Waiters & Waitresses	3,150	3,510	11.4%	36	152	188
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>2,390</b>	<b>2,630</b>	<b>10.0%</b>	<b>25</b>	<b>124</b>	<b>149</b>
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	830	900	8.4%	7	36	43
35-9021	Dishwashers	930	1,040	11.8%	11	41	52
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>8,520</b>	<b>9,390</b>	<b>10.2%</b>	<b>87</b>	<b>176</b>	<b>263</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>860</b>	<b>940</b>	<b>9.3%</b>	<b>8</b>	<b>15</b>	<b>23</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	410	450	9.8%	4	10	14
37-1012	Supervisors - Landscaping & Groundskeeping Workers	450	490	8.9%	4	5	9
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>5,210</b>	<b>5,750</b>	<b>10.4%</b>	<b>53</b>	<b>100</b>	<b>153</b>
37-2011	Janitors & Cleaners	3,260	3,520	8.0%	26	61	87
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>2,450</b>	<b>2,700</b>	<b>10.2%</b>	<b>25</b>	<b>62</b>	<b>87</b>
37-3011	Landscaping & Groundskeeping Workers	2,200	2,430	10.5%	22	56	78
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>9,960</b>	<b>11,610</b>	<b>16.6%</b>	<b>165</b>	<b>215</b>	<b>380</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>550</b>	<b>610</b>	<b>10.9%</b>	<b>6</b>	<b>10</b>	<b>16</b>
39-1021	Supervisors - Personal Service Workers	550	610	10.9%	6	10	16
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>590</b>	<b>660</b>	<b>11.9%</b>	<b>7</b>	<b>11</b>	<b>18</b>
39-2011	Animal Trainers	120	130	8.3%	1	5	6
39-2021	Nonfarm Animal Caretakers	470	530	12.8%	7	6	13
<b>39-3000</b>	<b>Entertainment Attendants &amp; Related Workers</b>	<b>690</b>	<b>780</b>	<b>13.0%</b>	<b>9</b>	<b>34</b>	<b>43</b>
39-3011	Gaming Dealers	20	20	0.0%	0	0	0
39-3091	Amusement & Recreation Attendants	610	700	14.8%	9	31	40
39-3093	Locker Room, Coatroom & Dressing Room Attendants	30	30	0.0%	0	1	1
<b>39-4000</b>	<b>Funeral Service Workers</b>	<b>70</b>	<b>70</b>	<b>0.0%</b>	<b>0</b>	<b>2</b>	<b>2</b>
39-4021	Funeral Attendants	50	50	0.0%	0	1	1
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>2,390</b>	<b>2,740</b>	<b>14.6%</b>	<b>35</b>	<b>48</b>	<b>83</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	1,700	1,930	13.5%	23	40	63
<b>39-9000</b>	<b>Other Personal Care &amp; Service Workers</b>	<b>5,600</b>	<b>6,660</b>	<b>18.9%</b>	<b>106</b>	<b>108</b>	<b>214</b>
39-9011	Childcare Workers	2,660	3,110	16.9%	46	78	124

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SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
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39-9021	Personal Care Aides	1,680	2,130	26.8%	44	12	56
39-9031	Fitness Trainers & Aerobics Instructors	630	700	11.1%	7	7	14
39-9032	Recreation Workers	520	600	15.4%	8	6	14
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>27,400</b>	<b>28,470</b>	<b>3.9%</b>	<b>112</b>	<b>796</b>	<b>908</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	<b>2,650</b>	<b>2,630</b>	<b>-0.8%</b>	<b>0</b>	<b>51</b>	<b>51</b>
41-1011	Supervisors - Retail Sales Workers	1,930	1,930	0.0%	0	42	42
41-1012	Supervisors - Non-Retail Sales Workers	720	700	-2.8%	0	9	9
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>13,930</b>	<b>14,170</b>	<b>1.7%</b>	<b>26</b>	<b>520</b>	<b>546</b>
41-2011	Cashiers	5,840	5,830	-0.2%	0	252	252
41-2021	Counter & Rental Clerks	810	870	7.4%	7	21	28
41-2031	Retail Salespersons	7,080	7,240	2.3%	17	242	259
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>4,020</b>	<b>4,360</b>	<b>8.5%</b>	<b>34</b>	<b>102</b>	<b>136</b>
41-3021	Insurance Sales Agents	1,310	1,360	3.8%	5	31	36
41-3031	Securities, Commodities & Financial Services Sales Agents	1,010	1,100	8.9%	9	24	33
41-3099	Sales Representatives, Other Services	1,280	1,470	14.8%	19	35	54
<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	<b>5,300</b>	<b>5,720</b>	<b>7.9%</b>	<b>41</b>	<b>103</b>	<b>144</b>
41-4011	Sales Representatives, Technical & Scientific Products	1,410	1,620	14.9%	20	28	48
41-4012	Sales Representatives	3,890	4,100	5.4%	21	76	97
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	<b>1,500</b>	<b>1,600</b>	<b>6.7%</b>	<b>10</b>	<b>19</b>	<b>29</b>
41-9021	Real Estate Brokers	110	120	9.1%	1	1	2
41-9022	Real Estate Sales Agents	850	930	9.4%	7	8	15
41-9031	Sales Engineers	140	150	7.1%	0	2	2
41-9041	Telemarketers	250	250	0.0%	0	5	5
41-9099	Sales & Related Workers, Other	60	70	16.7%	1	1	2
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>44,080</b>	<b>46,380</b>	<b>5.2%</b>	<b>327</b>	<b>951</b>	<b>1,278</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	<b>3,990</b>	<b>4,420</b>	<b>10.8%</b>	<b>43</b>	<b>95</b>	<b>138</b>
43-1011	Supervisors - Office & Administrative Support Workers	3,990	4,420	10.8%	43	95	138
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>190</b>	<b>170</b>	<b>-10.5%</b>	<b>0</b>	<b>4</b>	<b>4</b>
<b>43-3000</b>	<b>Financial Clerks</b>	<b>6,760</b>	<b>7,500</b>	<b>10.9%</b>	<b>76</b>	<b>122</b>	<b>198</b>
43-3011	Bill & Account Collectors	570	660	15.8%	8	16	24
43-3021	Billing & Posting Clerks	1,380	1,580	14.5%	20	25	45
43-3031	Bookkeeping, Accounting & Auditing Clerks	3,540	3,960	11.9%	42	32	74
43-3051	Payroll & Timekeeping Clerks	400	450	12.5%	5	9	14
43-3061	Procurement Clerks	100	100	0.0%	0	3	3
43-3071	Tellers	760	750	-1.3%	0	36	36

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43-3099	Financial Clerks, Other	20	20	0.0%	0	0	0
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	<b>12,630</b>	<b>13,110</b>	<b>3.8%</b>	<b>68</b>	<b>333</b>	<b>401</b>
43-4041	Credit Authorizers, Checkers & Clerks	60	60	0.0%	0	1	1
43-4051	Customer Service Representatives	5,250	5,690	8.4%	44	143	187
43-4061	Eligibility Interviewers, Government Programs	130	140	7.7%	1	3	4
43-4071	File Clerks	320	300	-6.2%	0	7	7
43-4111	Interviewers	360	390	8.3%	3	7	10
43-4121	Library Assistants, Clerical	150	160	6.7%	1	7	8
43-4131	Loan Interviewers & Clerks	210	230	9.5%	2	1	3
43-4151	Order Clerks	450	430	-4.4%	0	12	12
43-4161	Human Resources Assistants	350	340	-2.9%	0	9	9
43-4171	Receptionists & Information Clerks	4,040	4,200	4.0%	16	109	125
43-4199	Information & Record Clerks, Other	120	110	-8.3%	0	3	3
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>6,390</b>	<b>6,030</b>	<b>-5.6%</b>	<b>16</b>	<b>169</b>	<b>185</b>
43-5011	Cargo & Freight Agents	80	80	0.0%	1	2	3
43-5031	Police, Fire & Ambulance Dispatchers	110	130	18.2%	1	3	4
43-5032	Dispatchers	290	330	13.8%	4	8	12
43-5041	Meter Readers, Utilities	40	30	-25.0%	0	1	1
43-5051	Postal Service Clerks	130	90	-30.8%	0	2	2
43-5052	Postal Service Mail Carriers	450	330	-26.7%	0	16	16
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	530	370	-30.2%	0	4	4
43-5061	Production, Planning & Expediting Clerks	550	560	1.8%	2	14	16
43-5071	Shipping, Receiving & Traffic Clerks	1,510	1,580	4.6%	7	40	47
43-5081	Stock Clerks & Order Fillers	2,540	2,360	-7.1%	0	77	77
<b>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>7,100</b>	<b>7,890</b>	<b>11.1%</b>	<b>79</b>	<b>85</b>	<b>164</b>
43-6011	Executive Secretaries & Executive Administrative Assistants	1,360	1,360	0.0%	0	16	16
43-6012	Legal Secretaries	380	390	2.6%	1	4	5
43-6013	Medical Secretaries	500	610	22.0%	12	6	18
43-6014	Secretaries	4,870	5,530	13.6%	67	59	126
<b>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>7,030</b>	<b>7,270</b>	<b>3.4%</b>	<b>45</b>	<b>143</b>	<b>188</b>
43-9011	Computer Operators	100	80	-20.0%	0	1	1
43-9021	Data Entry Keyers	590	480	-18.6%	0	7	7
43-9022	Word Processors & Typists	70	50	-28.6%	0	0	0
43-9031	Desktop Publishers	30	20	-33.3%	0	0	0
43-9041	Insurance Claims & Policy Processing Clerks	270	290	7.4%	2	7	9

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43-9051	Mail Clerks & Mail Machine Operators	330	300	-9.1%	0	8	8
43-9061	Office Clerks, General	5,310	5,720	7.7%	42	112	154
43-9081	Proofreaders & Copy Markers	40	50	25.0%	0	1	1
43-9199	Office & Administrative Support Workers, Other	90	90	0.0%	1	2	3
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>1,880</b>	<b>1,920</b>	<b>2.1%</b>	<b>5</b>	<b>55</b>	<b>60</b>
45-1011	Farm & Forestry Worker Supervisors	130	140	7.7%	1	3	4
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>1,740</b>	<b>1,770</b>	<b>1.7%</b>	<b>4</b>	<b>52</b>	<b>56</b>
45-2041	Graders & Sorters, Agricultural Products	60	70	16.7%	1	1	2
45-2091	Agricultural Equipment Operators	80	80	0.0%	1	2	3
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	1,310	1,330	1.5%	2	40	42
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	250	250	0.0%	0	8	8
45-2099	Agricultural Workers, Other	20	20	0.0%	0	0	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>9,470</b>	<b>11,210</b>	<b>18.4%</b>	<b>174</b>	<b>155</b>	<b>329</b>
<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	<b>1,010</b>	<b>1,220</b>	<b>20.8%</b>	<b>21</b>	<b>11</b>	<b>32</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	1,010	1,220	20.8%	21	11	32
<b>47-2000</b>	<b>Construction Trades Workers</b>	<b>7,250</b>	<b>8,590</b>	<b>18.5%</b>	<b>134</b>	<b>121</b>	<b>255</b>
47-2021	Brickmasons & Blockmasons	20	30	50.0%	1	0	1
47-2031	Carpenters	2,230	2,720	22.0%	49	27	76
47-2041	Carpet Installers	40	50	25.0%	0	1	1
47-2061	Construction Laborers	1,160	1,350	16.4%	19	25	44
47-2071	Paving, Surfacing & Tamping Equipment Operators	100	120	20.0%	2	2	4
47-2073	Operating Engineers & Other Construction Equipment Operators	750	850	13.3%	11	17	28
47-2111	Electricians	720	870	20.8%	15	14	29
47-2141	Painters, Construction & Maintenance	230	290	26.1%	6	4	10
47-2151	Pipelayers	40	40	0.0%	0	0	0
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	<b>1,000</b>	<b>1,140</b>	<b>14.0%</b>	<b>14</b>	<b>19</b>	<b>33</b>
47-4011	Construction & Building Inspectors	240	270	12.5%	4	6	10
47-4041	Hazardous Materials Removal Workers	80	90	12.5%	0	2	2
47-4051	Highway Maintenance Workers	440	480	9.1%	3	7	10
47-5012	Rotary Drill Operators, Oil & Gas	10	10	0.0%	0	0	0
47-5071	Roustabouts, Oil & Gas	10	10	0.0%	0	0	0
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>9,140</b>	<b>10,170</b>	<b>11.3%</b>	<b>107</b>	<b>211</b>	<b>318</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	<b>610</b>	<b>680</b>	<b>11.5%</b>	<b>7</b>	<b>16</b>	<b>23</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	610	680	11.5%	7	16	23
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	<b>1,050</b>	<b>1,160</b>	<b>10.5%</b>	<b>11</b>	<b>20</b>	<b>31</b>

**Chester County WIA  
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	230	240	4.3%	1	5	6
49-2022	Telecommunications Equipment Installers & Repairers	240	290	20.8%	5	3	8
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	140	150	7.1%	1	3	4
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	10	10	0.0%	0	0	0
49-2098	Security & Fire Alarm Systems Installers	370	420	13.5%	4	8	12
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>2,460</b>	<b>2,750</b>	<b>11.8%</b>	<b>29</b>	<b>62</b>	<b>91</b>
49-3023	Automotive Service Technicians & Mechanics	1,300	1,440	10.8%	14	33	47
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	340	380	11.8%	4	7	11
49-3043	Rail Car Repairers	20	20	0.0%	0	1	1
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>5,020</b>	<b>5,590</b>	<b>11.4%</b>	<b>60</b>	<b>112</b>	<b>172</b>
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	520	610	17.3%	9	13	22
49-9041	Industrial Machinery Mechanics	470	590	25.5%	12	14	26
49-9043	Maintenance Workers, Machinery	130	150	15.4%	2	2	4
49-9052	Telecommunications Line Installers & Repairers	640	610	-4.7%	0	16	16
49-9061	Camera & Photographic Equipment Repairers	10	10	0.0%	0	0	0
49-9071	Maintenance & Repair Workers, General	2,480	2,760	11.3%	29	48	77
49-9096	Riggers	10	10	0.0%	0	0	0
49-9097	Signal & Track Switch Repairers	10	10	0.0%	0	0	0
49-9098	Helpers--Installation, Maintenance & Repair Workers	50	60	20.0%	1	2	3
49-9099	Installation, Maintenance & Repair Workers, Other	210	250	19.0%	5	4	9
<b>51-0000</b>	<b>Production Occupations</b>	<b>13,090</b>	<b>13,500</b>	<b>3.1%</b>	<b>73</b>	<b>270</b>	<b>343</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>930</b>	<b>930</b>	<b>0.0%</b>	<b>0</b>	<b>13</b>	<b>13</b>
51-1011	Supervisors - Production & Operating Workers	930	930	0.0%	0	13	13
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>2,670</b>	<b>2,800</b>	<b>4.9%</b>	<b>16</b>	<b>42</b>	<b>58</b>
51-2022	Electrical & Electronic Equipment Assemblers	600	570	-5.0%	0	7	7
51-2041	Structural Metal Fabricators & Fitters	110	120	9.1%	1	4	5
51-2092	Team Assemblers	1,460	1,530	4.8%	7	23	30
51-2099	Assemblers & Fabricators, Other	270	330	22.2%	6	4	10
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>1,150</b>	<b>1,130</b>	<b>-1.7%</b>	<b>1</b>	<b>29</b>	<b>30</b>
51-3011	Bakers	540	550	1.9%	1	13	14
51-3092	Food Batchmakers	80	60	-25.0%	0	2	2
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>2,140</b>	<b>2,270</b>	<b>6.1%</b>	<b>20</b>	<b>45</b>	<b>65</b>
51-4011	Computer-Controlled Machine Tool Operators	250	300	20.0%	5	7	12
51-4012	Computer Numerically Controlled Machine Tool Programmers	30	30	0.0%	0	1	1
51-4021	Extruding & Drawing Machine Operators	50	50	0.0%	0	1	1

**Chester County WIA  
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51-4031	Cutting, Punching & Press Machine Operators	150	140	-6.7%	0	1	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	100	90	-10.0%	0	2	2
51-4041	Machinists	440	520	18.2%	8	10	18
51-4081	Multiple Machine Tool Operators	90	80	-11.1%	0	2	2
51-4121	Welders, Cutters, Solderers & Brazers	540	570	5.6%	4	13	17
51-4122	Welding, Soldering & Brazing Machine Operators	60	90	50.0%	3	1	4
51-4191	Heat Treating Equipment Operators	20	20	0.0%	0	0	0
<b>51-5100</b>	<b>Printing Workers</b>	<b>780</b>	<b>740</b>	<b>-5.1%</b>	<b>0</b>	<b>14</b>	<b>14</b>
51-5111	Prepress Technician & Workers	80	60	-25.0%	0	2	2
51-5112	Printing Press Operators	560	530	-5.4%	0	10	10
51-5113	Print Binding & Finishing Workers	150	140	-6.7%	0	3	3
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	<b>730</b>	<b>720</b>	<b>-1.4%</b>	<b>2</b>	<b>16</b>	<b>18</b>
51-6011	Laundry & Dry-Cleaning Workers	410	430	4.9%	2	12	14
51-6031	Sewing Machine Operators	120	110	-8.3%	0	1	1
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	20	20	0.0%	0	0	0
51-6093	Upholsterers	50	50	0.0%	0	1	1
<b>51-7000</b>	<b>Woodworkers</b>	<b>400</b>	<b>440</b>	<b>10.0%</b>	<b>4</b>	<b>4</b>	<b>8</b>
51-7011	Cabinetmakers & Bench Carpenters	260	280	7.7%	2	2	4
51-7042	Woodworking Machine Operators	90	100	11.1%	1	0	1
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	<b>490</b>	<b>510</b>	<b>4.1%</b>	<b>3</b>	<b>17</b>	<b>20</b>
51-8021	Stationary Engineers & Boiler Operators	10	10	0.0%	0	0	0
51-8031	Water & Wastewater Treatment Plant & System Operators	200	220	10.0%	2	7	9
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	40	50	25.0%	0	2	2
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>3,790</b>	<b>3,950</b>	<b>4.2%</b>	<b>27</b>	<b>89</b>	<b>116</b>
51-9011	Chemical Equipment Operators	290	270	-6.9%	0	10	10
51-9023	Mixing & Blending Machine Operators	180	180	0.0%	0	5	5
51-9032	Cutting & Slicing Machine Operators	40	30	-25.0%	0	1	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	720	790	9.7%	7	16	23
51-9081	Dental Laboratory Technicians	80	80	0.0%	0	3	3
51-9111	Packaging & Filling Machine Operators	690	680	-1.4%	0	16	16
51-9151	Photographic Process Workers & Processing Machine Operators	50	50	0.0%	0	2	2
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	40	40	0.0%	0	1	1
51-9198	Helpers--Production Workers	600	680	13.3%	8	10	18
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>15,170</b>	<b>16,880</b>	<b>11.3%</b>	<b>172</b>	<b>348</b>	<b>520</b>
<b>53-1000</b>	<b>Supervisors - Transportation &amp; Material Moving Workers</b>	<b>530</b>	<b>600</b>	<b>13.2%</b>	<b>7</b>	<b>15</b>	<b>22</b>

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53-1031	Supervisors - Transportation & Vehicle Operators	270	300	11.1%	2	8	10
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>7,120</b>	<b>7,780</b>	<b>9.3%</b>	<b>65</b>	<b>117</b>	<b>182</b>
53-3011	Ambulance Drivers & Attendants	20	30	50.0%	1	0	1
53-3022	Bus Drivers, School or Special Client	1,670	1,710	2.4%	4	31	35
53-3032	Heavy & Tractor-Trailer Truck Drivers	2,720	3,180	16.9%	46	43	89
53-3033	Light Truck or Delivery Services Drivers	1,740	1,790	2.9%	4	28	32
53-3041	Taxi Drivers & Chauffeurs	320	390	21.9%	6	4	10
<b>53-4000</b>	<b>Rail Transportation Workers</b>	<b>160</b>	<b>160</b>	<b>0.0%</b>	<b>0</b>	<b>5</b>	<b>5</b>
53-4011	Locomotive Engineers	60	60	0.0%	0	2	2
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	10	10	0.0%	0	0	0
53-4021	Railroad Brake, Signal & Switch Operators	40	40	0.0%	0	1	1
53-4031	Railroad Conductors & Yardmasters	60	60	0.0%	0	2	2
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>290</b>	<b>330</b>	<b>13.8%</b>	<b>3</b>	<b>13</b>	<b>16</b>
53-6021	Parking Lot Attendants	240	270	12.5%	3	12	15
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>6,970</b>	<b>7,900</b>	<b>13.3%</b>	<b>94</b>	<b>195</b>	<b>289</b>
53-7011	Conveyor Operators	50	50	0.0%	0	2	2
53-7032	Excavating & Loading Machine & Dragline Operators	40	50	25.0%	1	0	1
53-7051	Industrial Truck & Tractor Operators	810	910	12.3%	10	19	29
53-7061	Cleaners of Vehicles & Equipment	750	850	13.3%	10	21	31
53-7062	Laborers & Freight, Stock & Material Movers	3,110	3,580	15.1%	47	96	143
53-7063	Machine Feeders & Offbearers	90	80	-11.1%	0	2	2
53-7064	Packers & Packagers, Hand	1,750	1,980	13.1%	22	46	68
53-7081	Refuse & Recyclable Material Collectors	220	240	9.1%	3	4	7
53-7121	Tank Car, Truck & Ship Loaders	10	10	0.0%	0	0	0

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.