

**Northwest 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>229,340</b>	<b>245,260</b>	<b>6.9%</b>	<b>1,784</b>	<b>5,408</b>	<b>7,192</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>10,340</b>	<b>10,650</b>	<b>3.0%</b>	<b>53</b>	<b>205</b>	<b>258</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>2,860</b>	<b>3,060</b>	<b>7.0%</b>	<b>20</b>	<b>56</b>	<b>76</b>
11-1011	Chief Executives	610	630	3.3%	2	13	15
11-1021	General & Operations Managers	2,080	2,250	8.2%	17	39	56
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>570</b>	<b>590</b>	<b>3.5%</b>	<b>2</b>	<b>12</b>	<b>14</b>
11-2011	Advertising & Promotions Managers	20	20	0.0%	0	1	1
11-2021	Marketing Managers	130	140	7.7%	1	3	4
11-2022	Sales Managers	350	360	2.9%	0	8	8
11-2031	Public Relations & Fundraising Managers	70	80	14.3%	0	2	2
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>1,690</b>	<b>1,790</b>	<b>5.9%</b>	<b>10</b>	<b>32</b>	<b>42</b>
11-3011	Administrative Services Managers	240	260	8.3%	2	4	6
11-3021	Computer & Information Systems Managers	170	180	5.9%	2	2	4
11-3031	Financial Managers	480	510	6.2%	3	9	12
11-3051	Industrial Production Managers	500	510	2.0%	1	9	10
11-3061	Purchasing Managers	90	100	11.1%	0	2	2
11-3071	Transportation, Storage & Distribution Managers	80	80	0.0%	0	2	2
11-3121	Human Resources Managers	90	110	22.2%	2	2	4
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>5,220</b>	<b>5,220</b>	<b>0.0%</b>	<b>22</b>	<b>105</b>	<b>127</b>
11-9021	Construction Managers	190	200	5.3%	1	3	4
11-9031	Education Admin., Preschool & Childcare Center/Program	130	150	15.4%	2	4	6
11-9032	Education Administrators, Elementary & Secondary School	370	360	-2.7%	0	10	10
11-9033	Education Administrators, Postsecondary	280	300	7.1%	2	7	9
11-9039	Education Administrators, Other	40	40	0.0%	0	1	1
11-9041	Architectural & Engineering Managers	240	250	4.2%	1	6	7
11-9051	Food Service Managers	340	330	-2.9%	0	6	6
11-9081	Lodging Managers	30	30	0.0%	0	1	1
11-9111	Medical & Health Services Managers	530	610	15.1%	8	13	21
11-9121	Natural Sciences Managers	10	10	0.0%	0	0	0
11-9131	Postmasters & Mail Superintendents	90	80	-11.1%	0	2	2
11-9141	Property, Real Estate & Community Association Managers	170	180	5.9%	1	4	5
11-9151	Social & Community Service Managers	330	380	15.2%	5	7	12
11-9161	Emergency Management Directors	10	10	0.0%	0	0	0
11-9199	Managers, Other	290	290	0.0%	1	6	7

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<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>7,500</b>	<b>7,980</b>	<b>6.4%</b>	<b>53</b>	<b>166</b>	<b>219</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>4,360</b>	<b>4,650</b>	<b>6.7%</b>	<b>31</b>	<b>84</b>	<b>115</b>
13-1023	Purchasing Agents	640	660	3.1%	3	12	15
13-1041	Compliance Officers	220	240	9.1%	2	4	6
13-1051	Cost Estimators	370	420	13.5%	4	12	16
13-1071	Human Resources Specialists	490	530	8.2%	4	9	13
13-1075	Labor Relations Specialists	210	200	-4.8%	0	4	4
13-1081	Logisticians	80	100	25.0%	2	1	3
13-1111	Management Analysts	230	250	8.7%	2	4	6
13-1121	Meeting, Convention & Event Planners	50	70	40.0%	1	1	2
13-1131	Fundraisers	80	80	0.0%	0	2	2
13-1141	Compensation, Benefits & Job Analysis Specialists	120	120	0.0%	0	2	2
13-1151	Training & Development Specialists	320	340	6.2%	2	6	8
13-1161	Market Research Analysts & Marketing Specialists	330	410	24.2%	8	4	12
13-1199	Business Operations Specialists, Other	390	400	2.6%	1	5	6
<b>13-2000</b>	<b>Financial Specialists</b>	<b>3,150</b>	<b>3,330</b>	<b>5.7%</b>	<b>21</b>	<b>81</b>	<b>102</b>
13-2011	Accountants & Auditors	1,630	1,750	7.4%	13	48	61
13-2021	Appraisers & Assessors of Real Estate	90	90	0.0%	0	1	1
13-2031	Budget Analysts	20	30	50.0%	0	1	1
13-2041	Credit Analysts	50	50	0.0%	0	1	1
13-2051	Financial Analysts	210	220	4.8%	1	5	6
13-2052	Personal Financial Advisors	210	260	23.8%	5	4	9
13-2061	Financial Examiners	20	20	0.0%	0	0	0
13-2072	Loan Officers	300	300	0.0%	0	5	5
13-2081	Tax Examiners, Collectors & Revenue Agents	140	140	0.0%	0	5	5
13-2082	Tax Preparers	100	100	0.0%	0	2	2
13-2099	Financial Specialists, Other	60	60	0.0%	0	1	1
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>1,900</b>	<b>2,100</b>	<b>10.5%</b>	<b>21</b>	<b>33</b>	<b>54</b>
<b>15-1100</b>	<b>Computer Occupations</b>	<b>1,840</b>	<b>2,030</b>	<b>10.3%</b>	<b>20</b>	<b>31</b>	<b>51</b>
15-1121	Computer Systems Analysts	160	190	18.8%	4	2	6
15-1131	Computer Programmers	270	260	-3.7%	0	7	7
15-1132	Software Developers, Applications	140	150	7.1%	1	2	3
15-1133	Software Developers, Systems Software	90	100	11.1%	1	1	2
15-1134	Web Developers	70	70	0.0%	1	1	2
15-1141	Database Administrators	80	90	12.5%	1	2	3

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15-1142	Network & Computer Systems Administrators	350	380	8.6%	3	6	9
15-1143	Computer Network Architects	20	20	0.0%	0	0	0
15-1151	Computer User Support Specialists	460	530	15.2%	7	7	14
15-1152	Computer Network Support Specialists	100	110	10.0%	1	2	3
15-1199	Computer Occupations, Other	80	90	12.5%	0	1	1
<b>15-2000</b>	<b>Mathematical Scientists</b>	<b>60</b>	<b>70</b>	<b>16.7%</b>	<b>1</b>	<b>2</b>	<b>3</b>
15-2031	Operations Research Analysts	30	30	0.0%	0	1	1
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>3,470</b>	<b>3,590</b>	<b>3.5%</b>	<b>18</b>	<b>86</b>	<b>104</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>150</b>	<b>180</b>	<b>20.0%</b>	<b>3</b>	<b>3</b>	<b>6</b>
17-1011	Architects	80	100	25.0%	1	2	3
17-1022	Surveyors	60	80	33.3%	1	1	2
<b>17-2000</b>	<b>Engineers</b>	<b>2,200</b>	<b>2,320</b>	<b>5.5%</b>	<b>13</b>	<b>63</b>	<b>76</b>
17-2041	Chemical Engineers	80	80	0.0%	0	2	2
17-2051	Civil Engineers	220	260	18.2%	4	5	9
17-2071	Electrical Engineers	250	260	4.0%	1	6	7
17-2072	Electronics Engineers	140	140	0.0%	0	3	3
17-2081	Environmental Engineers	50	50	0.0%	0	1	1
17-2112	Industrial Engineers	420	450	7.1%	2	12	14
17-2131	Materials Engineers	30	30	0.0%	0	1	1
17-2141	Mechanical Engineers	850	880	3.5%	2	29	31
17-2171	Petroleum Engineers	40	50	25.0%	1	1	2
17-2199	Engineers, Other	50	60	20.0%	1	1	2
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	<b>1,110</b>	<b>1,090</b>	<b>-1.8%</b>	<b>2</b>	<b>19</b>	<b>21</b>
17-3011	Architectural & Civil Drafters	80	80	0.0%	0	1	1
17-3013	Mechanical Drafters	350	330	-5.7%	0	5	5
17-3022	Civil Engineering Technicians	20	30	50.0%	0	0	0
17-3023	Electrical & Electronic Engineering Technicians	220	200	-9.1%	0	4	4
17-3024	Electro-Mechanical Technicians	40	40	0.0%	0	1	1
17-3026	Industrial Engineering Technicians	80	80	0.0%	0	2	2
17-3027	Mechanical Engineering Technicians	50	50	0.0%	0	1	1
17-3029	Engineering Technicians, Other	110	120	9.1%	1	2	3
17-3031	Surveying & Mapping Technicians	60	60	0.0%	1	1	2
<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>940</b>	<b>970</b>	<b>3.2%</b>	<b>5</b>	<b>30</b>	<b>35</b>
<b>19-1000</b>	<b>Life Scientists</b>	<b>130</b>	<b>140</b>	<b>7.7%</b>	<b>2</b>	<b>4</b>	<b>6</b>
19-1012	Food Scientists & Technologists	20	20	0.0%	0	1	1

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19-1023	Zoologists & Wildlife Biologists	10	10	0.0%	0	0	0
19-1029	Biological Scientists, Other	10	10	0.0%	0	0	0
19-1031	Conservation Scientists	10	10	0.0%	0	0	0
19-1032	Foresters	50	60	20.0%	1	1	2
<b>19-2000</b>	<b>Physical Scientists</b>	<b>210</b>	<b>210</b>	<b>0.0%</b>	<b>1</b>	<b>6</b>	<b>7</b>
19-2031	Chemists	90	90	0.0%	0	2	2
19-2041	Environmental Scientists & Specialists	50	50	0.0%	0	1	1
19-2042	Geoscientists	50	50	0.0%	0	1	1
19-2099	Physical Scientists, Other	10	10	0.0%	0	0	0
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	<b>300</b>	<b>320</b>	<b>6.7%</b>	<b>2</b>	<b>9</b>	<b>11</b>
19-3031	Clinical, Counseling & School Psychologists	190	200	5.3%	1	5	6
19-3051	Urban & Regional Planners	60	70	16.7%	0	3	3
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Technicians</b>	<b>300</b>	<b>300</b>	<b>0.0%</b>	<b>1</b>	<b>11</b>	<b>12</b>
19-4021	Biological Technicians	20	20	0.0%	0	1	1
19-4031	Chemical Technicians	50	50	0.0%	0	1	1
19-4091	Environmental Science & Protection Technicians	130	140	7.7%	0	5	5
19-4093	Forest & Conservation Technicians	20	20	0.0%	0	1	1
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>6,550</b>	<b>7,470</b>	<b>14.0%</b>	<b>92</b>	<b>150</b>	<b>242</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Other Community &amp; Social Service Specialists</b>	<b>5,580</b>	<b>6,480</b>	<b>16.1%</b>	<b>90</b>	<b>125</b>	<b>215</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	500	590	18.0%	10	10	20
21-1012	Educational, Guidance, School & Vocational Counselors	510	540	5.9%	4	11	15
21-1013	Marriage & Family Therapists	60	70	16.7%	1	1	2
21-1014	Mental Health Counselors	940	1,200	27.7%	25	20	45
21-1015	Rehabilitation Counselors	420	490	16.7%	7	9	16
21-1021	Child, Family & School Social Workers	930	1,030	10.8%	10	20	30
21-1022	Healthcare Social Workers	250	320	28.0%	7	5	12
21-1023	Mental Health & Substance Abuse Social Workers	480	580	20.8%	10	10	20
21-1029	Social Workers, Other	40	40	0.0%	0	1	1
21-1091	Health Educators	70	80	14.3%	1	2	3
21-1092	Probation Officers & Correctional Treatment Specialists	220	220	0.0%	0	6	6
21-1093	Social & Human Service Assistants	1,030	1,170	13.6%	14	27	41
21-1094	Community Health Workers	50	60	20.0%	0	1	1
<b>21-2000</b>	<b>Religious Workers</b>	<b>970</b>	<b>990</b>	<b>2.1%</b>	<b>2</b>	<b>24</b>	<b>26</b>
21-2011	Clergy	530	540	1.9%	1	11	12
<b>23-0000</b>	<b>Legal Occupations</b>	<b>760</b>	<b>830</b>	<b>9.2%</b>	<b>8</b>	<b>12</b>	<b>20</b>

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<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>510</b>	<b>550</b>	<b>7.8%</b>	<b>4</b>	<b>8</b>	<b>12</b>
23-1011	Lawyers	430	480	11.6%	4	7	11
23-1012	Judicial Law Clerks	20	30	50.0%	0	0	0
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	30	30	0.0%	0	0	0
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>250</b>	<b>280</b>	<b>12.0%</b>	<b>3</b>	<b>4</b>	<b>7</b>
23-2011	Paralegals & Legal Assistants	150	170	13.3%	2	2	4
23-2091	Court Reporters	30	30	0.0%	0	0	0
23-2093	Title Examiners, Abstractors & Searchers	30	30	0.0%	0	0	0
23-2099	Legal Support Workers, Other	50	50	0.0%	0	1	1
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>13,230</b>	<b>13,620</b>	<b>2.9%</b>	<b>49</b>	<b>284</b>	<b>333</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>2,690</b>	<b>2,900</b>	<b>7.8%</b>	<b>21</b>	<b>41</b>	<b>62</b>
25-1011	Business Teachers, Postsecondary	260	280	7.7%	2	4	6
25-1021	Computer Science Teachers, Postsecondary	50	50	0.0%	0	1	1
25-1022	Mathematical Science Teachers, Postsecondary	130	140	7.7%	1	2	3
25-1042	Biological Science Teachers, Postsecondary	120	140	16.7%	2	2	4
25-1052	Chemistry Teachers, Postsecondary	70	80	14.3%	1	1	2
25-1054	Physics Teachers, Postsecondary	30	40	33.3%	0	0	0
25-1061	Anthropology & Archeology Teachers, Postsecondary	20	20	0.0%	0	0	0
25-1063	Economics Teachers, Postsecondary	30	30	0.0%	0	0	0
25-1065	Political Science Teachers, Postsecondary	50	50	0.0%	0	1	1
25-1066	Psychology Teachers, Postsecondary	120	130	8.3%	1	2	3
25-1067	Sociology Teachers, Postsecondary	70	70	0.0%	0	1	1
25-1072	Nursing Instructors & Teachers, Postsecondary	130	140	7.7%	1	2	3
25-1081	Education Teachers, Postsecondary	190	210	10.5%	2	3	5
25-1121	Art, Drama & Music Teachers, Postsecondary	210	240	14.3%	2	3	5
25-1122	Communications Teachers, Postsecondary	110	120	9.1%	1	2	3
25-1123	English Language & Literature Teachers, Postsecondary	180	200	11.1%	2	3	5
25-1124	Foreign Language & Literature Teachers, Postsecondary	70	70	0.0%	0	1	1
25-1125	History Teachers, Postsecondary	70	70	0.0%	0	1	1
25-1194	Vocational Education Teachers, Postsecondary	220	220	0.0%	0	3	3
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	<b>6,780</b>	<b>6,870</b>	<b>1.3%</b>	<b>19</b>	<b>162</b>	<b>181</b>
25-2011	Preschool Teachers	570	660	15.8%	9	16	25
25-2012	Kindergarten Teachers	290	300	3.4%	1	8	9
25-2021	Elementary School Teachers	2,510	2,580	2.8%	7	55	62
25-2022	Middle School Teachers	810	840	3.7%	2	18	20

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25-2031	Secondary School Teachers	1,830	1,760	-3.8%	0	50	50
25-2052	Special Education Teachers, Kindergarten & Elementary School	350	330	-5.7%	0	6	6
25-2054	Special Education Teachers, Secondary School	110	110	0.0%	0	2	2
<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	<b>1,360</b>	<b>1,390</b>	<b>2.2%</b>	<b>3</b>	<b>23</b>	<b>26</b>
25-3011	Adult Basic & Secondary Education & Literacy Teachers	120	120	0.0%	1	2	3
25-3021	Self-Enrichment Education Teachers	340	350	2.9%	1	6	7
25-3098	Substitute Teachers	780	780	0.0%	0	13	13
25-3099	Teachers & Instructors, Other	130	130	0.0%	0	2	2
<b>25-4000</b>	<b>Librarians, Curators &amp; Archivists</b>	<b>390</b>	<b>410</b>	<b>5.1%</b>	<b>2</b>	<b>14</b>	<b>16</b>
25-4012	Curators	20	20	0.0%	0	0	0
25-4021	Librarians	200	200	0.0%	1	4	5
25-4031	Library Technicians	160	180	12.5%	1	9	10
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	<b>2,010</b>	<b>2,050</b>	<b>2.0%</b>	<b>4</b>	<b>44</b>	<b>48</b>
25-9031	Instructional Coordinators	100	110	10.0%	1	1	2
25-9041	Teacher Assistants	1,890	1,930	2.1%	3	43	46
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>2,510</b>	<b>2,610</b>	<b>4.0%</b>	<b>12</b>	<b>57</b>	<b>69</b>
<b>27-1000</b>	<b>Art &amp; Design Workers</b>	<b>750</b>	<b>740</b>	<b>-1.3%</b>	<b>2</b>	<b>20</b>	<b>22</b>
27-1023	Floral Designers	110	90	-18.2%	0	3	3
27-1024	Graphic Designers	240	250	4.2%	0	6	6
27-1025	Interior Designers	10	10	0.0%	0	0	0
<b>27-2000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	<b>590</b>	<b>620</b>	<b>5.1%</b>	<b>3</b>	<b>17</b>	<b>20</b>
27-2012	Producers & Directors	40	50	25.0%	0	2	2
27-2022	Coaches & Scouts	260	290	11.5%	2	8	10
27-2041	Music Directors & Composers	100	100	0.0%	0	3	3
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	<b>760</b>	<b>810</b>	<b>6.6%</b>	<b>5</b>	<b>15</b>	<b>20</b>
27-3011	Radio & Television Announcers	130	130	0.0%	0	3	3
27-3022	Reporters & Correspondents	60	60	0.0%	0	2	2
27-3031	Public Relations Specialists	270	290	7.4%	2	4	6
27-3041	Editors	90	100	11.1%	0	2	2
27-3043	Writers & Authors	70	70	0.0%	0	2	2
<b>27-4000</b>	<b>Media &amp; Communication Equipment Workers</b>	<b>410</b>	<b>440</b>	<b>7.3%</b>	<b>2</b>	<b>5</b>	<b>7</b>
27-4011	Audio & Video Equipment Technicians	50	60	20.0%	0	1	1
27-4012	Broadcast Technicians	40	40	0.0%	0	1	1
27-4021	Photographers	310	330	6.5%	2	3	5
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>13,670</b>	<b>16,100</b>	<b>17.8%</b>	<b>243</b>	<b>285</b>	<b>528</b>

**Northwest 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>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	<b>8,500</b>	<b>10,000</b>	<b>17.6%</b>	<b>150</b>	<b>174</b>	<b>324</b>
29-1011	Chiropractors	60	70	16.7%	1	1	2
29-1021	Dentists, General	100	100	0.0%	0	2	2
29-1031	Dietitians & Nutritionists	190	220	15.8%	4	2	6
29-1041	Optometrists	50	60	20.0%	1	1	2
29-1051	Pharmacists	560	580	3.6%	2	13	15
29-1061	Anesthesiologists	50	50	0.0%	1	1	2
29-1062	Family & General Practitioners	250	280	12.0%	2	6	8
29-1066	Psychiatrists	30	30	0.0%	0	1	1
29-1067	Surgeons	60	70	16.7%	1	2	3
29-1069	Physicians & Surgeons, Other	670	760	13.4%	9	17	26
29-1071	Physician Assistants	210	240	14.3%	3	4	7
29-1122	Occupational Therapists	230	280	21.7%	5	3	8
29-1123	Physical Therapists	410	510	24.4%	10	10	20
29-1124	Radiation Therapists	20	30	50.0%	1	0	1
29-1125	Recreational Therapists	110	120	9.1%	1	2	3
29-1126	Respiratory Therapists	160	190	18.8%	3	2	5
29-1127	Speech-Language Pathologists	180	190	5.6%	1	3	4
29-1131	Veterinarians	140	160	14.3%	2	5	7
29-1141	Registered Nurses	4,660	5,620	20.6%	96	90	186
29-1171	Nurse Practitioners	150	190	26.7%	4	3	7
29-1181	Audiologists	20	20	0.0%	0	0	0
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	<b>4,990</b>	<b>5,890</b>	<b>18.0%</b>	<b>90</b>	<b>107</b>	<b>197</b>
29-2011	Medical & Clinical Laboratory Technologists	360	390	8.3%	3	10	13
29-2012	Medical & Clinical Laboratory Technicians	170	190	11.8%	2	4	6
29-2021	Dental Hygienists	320	360	12.5%	4	8	12
29-2031	Cardiovascular Technologists & Technicians	140	180	28.6%	4	2	6
29-2032	Diagnostic Medical Sonographers	70	100	42.9%	3	1	4
29-2033	Nuclear Medicine Technologists	40	50	25.0%	1	0	1
29-2034	Radiologic Technologists	350	430	22.9%	8	5	13
29-2035	Magnetic Resonance Imaging Technologists	30	30	0.0%	1	0	1
29-2041	Emergency Medical Technicians & Paramedics	540	670	24.1%	13	15	28
29-2051	Dietetic Technicians	50	60	20.0%	1	0	1
29-2052	Pharmacy Technicians	480	530	10.4%	5	5	10
29-2053	Psychiatric Technicians	30	40	33.3%	0	0	0

**Northwest 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>
29-2054	Respiratory Therapy Technicians	20	30	50.0%	0	0	0
29-2055	Surgical Technologists	100	130	30.0%	3	1	4
29-2056	Veterinary Technologists & Technicians	120	150	25.0%	3	1	4
29-2061	Licensed Practical & Licensed Vocational Nurses	1,720	2,010	16.9%	29	42	71
29-2071	Medical Records & Health Information Technicians	270	320	18.5%	5	7	12
29-2081	Opticians, Dispensing	130	140	7.7%	2	4	6
29-2099	Health Technologists & Technicians, Other	60	80	33.3%	2	1	3
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	<b>180</b>	<b>210</b>	<b>16.7%</b>	<b>3</b>	<b>5</b>	<b>8</b>
29-9011	Occupational Health & Safety Specialists	80	90	12.5%	1	2	3
29-9012	Occupational Health & Safety Technicians	60	60	0.0%	0	2	2
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>9,720</b>	<b>11,690</b>	<b>20.3%</b>	<b>197</b>	<b>185</b>	<b>382</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>7,300</b>	<b>8,810</b>	<b>20.7%</b>	<b>152</b>	<b>139</b>	<b>291</b>
31-1011	Home Health Aides	3,810	5,030	32.0%	122	72	194
31-1014	Nursing Assistants	3,210	3,480	8.4%	27	61	88
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>310</b>	<b>420</b>	<b>35.5%</b>	<b>11</b>	<b>7</b>	<b>18</b>
31-2011	Occupational Therapy Assistants	120	160	33.3%	4	3	7
31-2021	Physical Therapist Assistants	150	200	33.3%	5	3	8
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>2,120</b>	<b>2,460</b>	<b>16.0%</b>	<b>34</b>	<b>39</b>	<b>73</b>
31-9011	Massage Therapists	240	290	20.8%	5	2	7
31-9091	Dental Assistants	430	460	7.0%	3	9	12
31-9092	Medical Assistants	830	1,010	21.7%	18	16	34
31-9093	Medical Equipment Preparers	120	140	16.7%	3	2	5
31-9094	Medical Transcriptionists	160	170	6.2%	0	3	3
31-9095	Pharmacy Aides	20	20	0.0%	0	0	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	80	80	0.0%	0	2	2
31-9097	Phlebotomists	190	240	26.3%	4	4	8
31-9099	Healthcare Support Workers, Other	50	60	20.0%	1	1	2
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>3,790</b>	<b>3,980</b>	<b>5.0%</b>	<b>19</b>	<b>110</b>	<b>129</b>
<b>33-1000</b>	<b>Supervisors - Protective Service Workers</b>	<b>130</b>	<b>140</b>	<b>7.7%</b>	<b>1</b>	<b>4</b>	<b>5</b>
33-1012	Supervisors - Police & Detectives	70	70	0.0%	0	2	2
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>130</b>	<b>140</b>	<b>7.7%</b>	<b>1</b>	<b>4</b>	<b>5</b>
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>1,800</b>	<b>1,910</b>	<b>6.1%</b>	<b>11</b>	<b>51</b>	<b>62</b>
33-3012	Correctional Officers & Jailers	1,080	1,140	5.6%	7	29	36
33-3021	Detectives & Criminal Investigators	70	70	0.0%	0	2	2

**Northwest WIA  
Occupational Employment  
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
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33-3051	Police & Sheriff's Patrol Officers	630	670	6.3%	4	20	24
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>1,720</b>	<b>1,790</b>	<b>4.1%</b>	<b>7</b>	<b>52</b>	<b>59</b>
33-9032	Security Guards	1,080	1,090	0.9%	1	16	17
33-9091	Crossing Guards	90	90	0.0%	0	1	1
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	350	390	11.4%	5	24	29
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>20,340</b>	<b>21,990</b>	<b>8.1%</b>	<b>167</b>	<b>743</b>	<b>910</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>1,770</b>	<b>1,960</b>	<b>10.7%</b>	<b>18</b>	<b>48</b>	<b>66</b>
35-1011	Chefs & Head Cooks	140	140	0.0%	0	2	2
35-1012	Supervisors - Food Preparation & Serving Workers	1,630	1,810	11.0%	18	46	64
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	<b>5,310</b>	<b>5,600</b>	<b>5.5%</b>	<b>31</b>	<b>121</b>	<b>152</b>
35-2011	Cooks, Fast Food	530	520	-1.9%	0	10	10
35-2012	Cooks, Institution & Cafeteria	1,130	1,210	7.1%	8	22	30
35-2014	Cooks, Restaurant	1,610	1,830	13.7%	22	32	54
35-2015	Cooks, Short Order	250	250	0.0%	0	5	5
35-2021	Food Preparation Workers	1,790	1,770	-1.1%	0	51	51
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>11,210</b>	<b>12,280</b>	<b>9.5%</b>	<b>108</b>	<b>467</b>	<b>575</b>
35-3011	Bartenders	2,030	2,210	8.9%	18	75	93
35-3021	Combined Food Preparation & Serving Workers	4,820	5,430	12.7%	61	184	245
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	460	490	6.5%	3	28	31
35-3031	Waiters & Waitresses	3,490	3,660	4.9%	16	168	184
35-3041	Food Servers, Nonrestaurant	400	500	25.0%	10	12	22
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>2,050</b>	<b>2,150</b>	<b>4.9%</b>	<b>10</b>	<b>107</b>	<b>117</b>
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	470	490	4.3%	2	20	22
35-9021	Dishwashers	1,050	1,090	3.8%	5	46	51
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	540	570	5.6%	3	40	43
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>8,560</b>	<b>9,190</b>	<b>7.4%</b>	<b>62</b>	<b>174</b>	<b>236</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>750</b>	<b>810</b>	<b>8.0%</b>	<b>6</b>	<b>14</b>	<b>20</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	400	420	5.0%	2	10	12
37-1012	Supervisors - Landscaping & Groundskeeping Workers	360	390	8.3%	3	4	7
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>6,010</b>	<b>6,440</b>	<b>7.2%</b>	<b>43</b>	<b>115</b>	<b>158</b>
37-2011	Janitors & Cleaners	4,040	4,300	6.4%	26	76	102
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>1,800</b>	<b>1,940</b>	<b>7.8%</b>	<b>13</b>	<b>45</b>	<b>58</b>
37-3011	Landscaping & Groundskeeping Workers	1,730	1,860	7.5%	12	44	56
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>9,610</b>	<b>11,430</b>	<b>18.9%</b>	<b>183</b>	<b>190</b>	<b>373</b>

**Northwest 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>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>540</b>	<b>590</b>	<b>9.3%</b>	<b>5</b>	<b>10</b>	<b>15</b>
39-1021	Supervisors - Personal Service Workers	480	530	10.4%	5	9	14
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>330</b>	<b>360</b>	<b>9.1%</b>	<b>3</b>	<b>6</b>	<b>9</b>
<b>39-3000</b>	<b>Entertainment Attendants &amp; Related Workers</b>	<b>740</b>	<b>770</b>	<b>4.1%</b>	<b>3</b>	<b>29</b>	<b>32</b>
39-3031	Ushers, Lobby Attendants & Ticket Takers	140	140	0.0%	0	7	7
39-3091	Amusement & Recreation Attendants	320	350	9.4%	3	16	19
<b>39-4000</b>	<b>Funeral Service Workers</b>	<b>140</b>	<b>140</b>	<b>0.0%</b>	<b>0</b>	<b>3</b>	<b>3</b>
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>1,710</b>	<b>1,920</b>	<b>12.3%</b>	<b>21</b>	<b>37</b>	<b>58</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	1,530	1,710	11.8%	18	36	54
39-5092	Manicurists & Pedicurists	140	170	21.4%	2	1	3
<b>39-9000</b>	<b>Other Personal Care &amp; Service Workers</b>	<b>6,120</b>	<b>7,620</b>	<b>24.5%</b>	<b>150</b>	<b>104</b>	<b>254</b>
39-9011	Childcare Workers	2,270	2,490	9.7%	22	67	89
39-9021	Personal Care Aides	2,910	4,100	40.9%	119	21	140
39-9031	Fitness Trainers & Aerobics Instructors	400	430	7.5%	3	5	8
39-9032	Recreation Workers	370	420	13.5%	5	4	9
39-9041	Residential Advisors	130	140	7.7%	1	6	7
39-9099	Personal Care & Service Workers, Other	40	40	0.0%	0	1	1
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>22,580</b>	<b>22,830</b>	<b>1.1%</b>	<b>44</b>	<b>703</b>	<b>747</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	<b>2,900</b>	<b>2,870</b>	<b>-1.0%</b>	<b>0</b>	<b>58</b>	<b>58</b>
41-1011	Supervisors - Retail Sales Workers	2,380	2,360	-0.8%	0	52	52
41-1012	Supervisors - Non-Retail Sales Workers	530	510	-3.8%	0	7	7
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>14,190</b>	<b>14,240</b>	<b>0.4%</b>	<b>19</b>	<b>533</b>	<b>552</b>
41-2011	Cashiers	6,090	5,950	-2.3%	0	263	263
41-2021	Counter & Rental Clerks	480	500	4.2%	2	12	14
41-2031	Retail Salespersons	7,110	7,240	1.8%	13	243	256
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>1,730</b>	<b>1,810</b>	<b>4.6%</b>	<b>9</b>	<b>43</b>	<b>52</b>
41-3011	Advertising Sales Agents	150	150	0.0%	0	5	5
41-3021	Insurance Sales Agents	650	670	3.1%	2	15	17
41-3031	Securities, Commodities & Financial Services Sales Agents	350	370	5.7%	2	8	10
41-3041	Travel Agents	50	40	-20.0%	0	1	1
41-3099	Sales Representatives, Other Services	530	580	9.4%	5	15	20
<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	<b>2,320</b>	<b>2,430</b>	<b>4.7%</b>	<b>11</b>	<b>45</b>	<b>56</b>
41-4011	Sales Representatives, Technical & Scientific Products	220	230	4.5%	0	4	4
41-4012	Sales Representatives	2,100	2,210	5.2%	11	41	52
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	<b>1,440</b>	<b>1,480</b>	<b>2.8%</b>	<b>6</b>	<b>24</b>	<b>30</b>

**Northwest WIA  
Occupational Employment  
2012-2022 Long-Term Projections**

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41-9011	Demonstrators & Product Promoters	30	30	0.0%	0	1	1
41-9022	Real Estate Sales Agents	420	460	9.5%	3	4	7
41-9031	Sales Engineers	110	110	0.0%	0	2	2
41-9041	Telemarketers	630	620	-1.6%	0	13	13
41-9099	Sales & Related Workers, Other	140	160	14.3%	2	3	5
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>33,050</b>	<b>34,450</b>	<b>4.2%</b>	<b>192</b>	<b>714</b>	<b>906</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	<b>1,740</b>	<b>1,910</b>	<b>9.8%</b>	<b>17</b>	<b>41</b>	<b>58</b>
43-1011	Supervisors - Office & Administrative Support Workers	1,740	1,910	9.8%	17	41	58
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>320</b>	<b>290</b>	<b>-9.4%</b>	<b>0</b>	<b>6</b>	<b>6</b>
43-2011	Switchboard Operators	290	270	-6.9%	0	5	5
43-2021	Telephone Operators	20	20	0.0%	0	1	1
<b>43-3000</b>	<b>Financial Clerks</b>	<b>5,310</b>	<b>5,710</b>	<b>7.5%</b>	<b>45</b>	<b>106</b>	<b>151</b>
43-3011	Bill & Account Collectors	450	500	11.1%	6	12	18
43-3021	Billing & Posting Clerks	870	1,030	18.4%	16	16	32
43-3031	Bookkeeping, Accounting & Auditing Clerks	2,660	2,860	7.5%	19	24	43
43-3051	Payroll & Timekeeping Clerks	310	340	9.7%	4	7	11
43-3061	Procurement Clerks	80	90	12.5%	0	3	3
43-3071	Tellers	920	870	-5.4%	0	43	43
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	<b>7,050</b>	<b>7,500</b>	<b>6.4%</b>	<b>48</b>	<b>188</b>	<b>236</b>
43-4011	Brokerage Clerks	30	30	0.0%	0	1	1
43-4031	Court, Municipal & License Clerks	120	130	8.3%	1	2	3
43-4041	Credit Authorizers, Checkers & Clerks	40	40	0.0%	0	0	0
43-4051	Customer Service Representatives	3,050	3,300	8.2%	24	83	107
43-4061	Eligibility Interviewers, Government Programs	450	500	11.1%	5	9	14
43-4071	File Clerks	230	240	4.3%	0	5	5
43-4081	Hotel, Motel & Resort Desk Clerks	300	320	6.7%	2	14	16
43-4111	Interviewers	180	190	5.6%	1	3	4
43-4121	Library Assistants, Clerical	160	170	6.2%	1	7	8
43-4131	Loan Interviewers & Clerks	130	130	0.0%	1	1	2
43-4151	Order Clerks	500	470	-6.0%	0	13	13
43-4161	Human Resources Assistants	280	290	3.6%	1	7	8
43-4171	Receptionists & Information Clerks	1,470	1,590	8.2%	12	40	52
43-4199	Information & Record Clerks, Other	60	50	-16.7%	0	1	1
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>6,030</b>	<b>5,980</b>	<b>-0.8%</b>	<b>15</b>	<b>168</b>	<b>183</b>
43-5011	Cargo & Freight Agents	70	90	28.6%	2	2	4

**Northwest WIA  
Occupational Employment  
2012-2022 Long-Term Projections**

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43-5021	Couriers & Messengers	180	180	0.0%	0	2	2
43-5031	Police, Fire & Ambulance Dispatchers	180	200	11.1%	1	5	6
43-5032	Dispatchers	170	180	5.9%	1	5	6
43-5041	Meter Readers, Utilities	100	80	-20.0%	0	2	2
43-5051	Postal Service Clerks	110	80	-27.3%	0	2	2
43-5052	Postal Service Mail Carriers	510	400	-21.6%	0	18	18
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	150	110	-26.7%	0	1	1
43-5061	Production, Planning & Expediting Clerks	700	760	8.6%	6	17	23
43-5071	Shipping, Receiving & Traffic Clerks	920	940	2.2%	2	24	26
43-5081	Stock Clerks & Order Fillers	2,910	2,920	0.3%	2	88	90
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	50	50	0.0%	0	1	1
<b>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>5,950</b>	<b>6,490</b>	<b>9.1%</b>	<b>57</b>	<b>72</b>	<b>129</b>
43-6011	Executive Secretaries & Executive Administrative Assistants	760	740	-2.6%	0	9	9
43-6012	Legal Secretaries	420	420	0.0%	0	5	5
43-6013	Medical Secretaries	860	1,130	31.4%	26	10	36
43-6014	Secretaries	3,900	4,210	7.9%	31	47	78
<b>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>6,650</b>	<b>6,570</b>	<b>-1.2%</b>	<b>11</b>	<b>133</b>	<b>144</b>
43-9011	Computer Operators	90	70	-22.2%	0	1	1
43-9021	Data Entry Keyers	240	180	-25.0%	0	3	3
43-9022	Word Processors & Typists	410	310	-24.4%	0	2	2
43-9051	Mail Clerks & Mail Machine Operators	90	80	-11.1%	0	2	2
43-9061	Office Clerks, General	5,190	5,280	1.7%	9	109	118
43-9071	Office Machine Operators	20	20	0.0%	0	1	1
43-9199	Office & Administrative Support Workers, Other	90	100	11.1%	1	3	4
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>4,010</b>	<b>3,990</b>	<b>-0.5%</b>	<b>8</b>	<b>115</b>	<b>123</b>
<b>45-1000</b>	<b>Supervisors - Farming, Fishing &amp; Forestry Workers</b>	<b>180</b>	<b>170</b>	<b>-5.6%</b>	<b>0</b>	<b>4</b>	<b>4</b>
45-1011	Farm & Forestry Worker Supervisors	180	170	-5.6%	0	4	4
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>3,590</b>	<b>3,560</b>	<b>-0.8%</b>	<b>4</b>	<b>108</b>	<b>112</b>
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	360	380	5.6%	2	11	13
45-2099	Agricultural Workers, Other	50	50	0.0%	0	2	2
<b>45-4000</b>	<b>Forest, Conservation &amp; Logging Workers</b>	<b>230</b>	<b>260</b>	<b>13.0%</b>	<b>4</b>	<b>4</b>	<b>8</b>
45-4022	Logging Equipment Operators	160	200	25.0%	4	2	6
45-4023	Log Graders & Scalers	40	30	-25.0%	0	1	1
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>8,230</b>	<b>8,920</b>	<b>8.4%</b>	<b>72</b>	<b>148</b>	<b>220</b>
<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	<b>600</b>	<b>670</b>	<b>11.7%</b>	<b>6</b>	<b>6</b>	<b>12</b>

**Northwest 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>
47-1011	Supervisors - Construction Trades & Extraction Workers	600	670	11.7%	6	6	12
<b>47-2000</b>	<b>Construction Trades Workers</b>	<b>5,960</b>	<b>6,460</b>	<b>8.4%</b>	<b>52</b>	<b>105</b>	<b>157</b>
47-2031	Carpenters	1,220	1,350	10.7%	13	15	28
47-2041	Carpet Installers	120	130	8.3%	1	2	3
47-2042	Floor Layers	70	80	14.3%	1	1	2
47-2051	Cement Masons & Concrete Finishers	210	220	4.8%	1	2	3
47-2061	Construction Laborers	1,080	1,200	11.1%	13	23	36
47-2071	Paving, Surfacing & Tamping Equipment Operators	10	10	0.0%	0	0	0
47-2073	Operating Engineers & Other Construction Equipment Operators	790	860	8.9%	6	18	24
47-2111	Electricians	690	720	4.3%	4	13	17
47-2121	Glaziers	50	60	20.0%	0	1	1
47-2131	Insulation Workers, Floor, Ceiling & Wall	50	50	0.0%	1	1	2
47-2141	Painters, Construction & Maintenance	360	430	19.4%	6	6	12
47-2142	Paperhangers	40	40	0.0%	0	1	1
47-2152	Plumbers, Pipefitters & Steamfitters	400	420	5.0%	3	5	8
47-2181	Roofers	250	240	-4.0%	0	5	5
47-2211	Sheet Metal Workers	270	290	7.4%	2	5	7
47-2221	Structural Iron & Steel Workers	110	110	0.0%	0	4	4
<b>47-3000</b>	<b>Helpers, Construction Trades</b>	<b>180</b>	<b>200</b>	<b>11.1%</b>	<b>2</b>	<b>3</b>	<b>5</b>
47-3012	Helpers--Carpenters	20	20	0.0%	0	0	0
47-3013	Helpers--Electricians	60	70	16.7%	1	1	2
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	10	10	0.0%	0	0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	40	40	0.0%	0	1	1
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	<b>1,000</b>	<b>1,070</b>	<b>7.0%</b>	<b>7</b>	<b>18</b>	<b>25</b>
47-4011	Construction & Building Inspectors	210	240	14.3%	3	5	8
47-4051	Highway Maintenance Workers	620	650	4.8%	3	9	12
47-4061	Rail-Track Laying & Maintenance Equipment Operators	10	10	0.0%	0	0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	40	40	0.0%	0	1	1
<b>47-5000</b>	<b>Extraction Workers</b>	<b>490</b>	<b>530</b>	<b>8.2%</b>	<b>5</b>	<b>16</b>	<b>21</b>
47-5042	Mine Cutting & Channeling Machine Operators	10	10	0.0%	0	0	0
47-5061	Roof Bolters, Mining	10	20	100.0%	0	0	0
47-5071	Roustabouts, Oil & Gas	110	120	9.1%	1	3	4
47-5099	Extraction Workers, Other	10	10	0.0%	0	0	0
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>9,260</b>	<b>9,910</b>	<b>7.0%</b>	<b>68</b>	<b>214</b>	<b>282</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	<b>570</b>	<b>610</b>	<b>7.0%</b>	<b>3</b>	<b>16</b>	<b>19</b>

**Northwest 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>
49-1011	Supervisors - Mechanics, Installers & Repairers	570	610	7.0%	3	16	19
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	<b>500</b>	<b>520</b>	<b>4.0%</b>	<b>2</b>	<b>11</b>	<b>13</b>
49-2022	Telecommunications Equipment Installers & Repairers	130	140	7.7%	1	2	3
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	100	100	0.0%	0	2	2
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	20	20	0.0%	0	0	0
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>3,050</b>	<b>3,180</b>	<b>4.3%</b>	<b>13</b>	<b>74</b>	<b>87</b>
49-3011	Aircraft Mechanics & Service Technicians	30	40	33.3%	0	1	1
49-3021	Automotive Body & Related Repairers	350	370	5.7%	2	7	9
49-3023	Automotive Service Technicians & Mechanics	1,600	1,640	2.5%	4	40	44
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	540	570	5.6%	4	12	16
49-3042	Mobile Heavy Equipment Mechanics	100	110	10.0%	1	3	4
49-3052	Motorcycle Mechanics	30	40	33.3%	0	1	1
49-3093	Tire Repairers & Changers	70	80	14.3%	0	2	2
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>5,140</b>	<b>5,620</b>	<b>9.3%</b>	<b>50</b>	<b>114</b>	<b>164</b>
49-9011	Mechanical Door Repairers	40	50	25.0%	0	1	1
49-9012	Control & Valve Installers & Repairers	60	70	16.7%	0	2	2
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	340	370	8.8%	2	9	11
49-9031	Home Appliance Repairers	60	60	0.0%	0	2	2
49-9041	Industrial Machinery Mechanics	670	810	20.9%	14	19	33
49-9043	Maintenance Workers, Machinery	160	180	12.5%	2	2	4
49-9051	Electrical Power-Line Installers & Repairers	170	210	23.5%	3	6	9
49-9052	Telecommunications Line Installers & Repairers	160	160	0.0%	0	4	4
49-9062	Medical Equipment Repairers	70	80	14.3%	1	2	3
49-9071	Maintenance & Repair Workers, General	2,760	2,990	8.3%	23	53	76
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	120	110	-8.3%	0	1	1
49-9094	Locksmiths & Safe Repairers	30	30	0.0%	0	1	1
49-9097	Signal & Track Switch Repairers	10	10	0.0%	0	0	0
49-9098	Helpers--Installation, Maintenance & Repair Workers	260	280	7.7%	2	8	10
49-9099	Installation, Maintenance & Repair Workers, Other	160	160	0.0%	0	3	3
<b>51-0000</b>	<b>Production Occupations</b>	<b>25,780</b>	<b>26,380</b>	<b>2.3%</b>	<b>112</b>	<b>503</b>	<b>615</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>1,610</b>	<b>1,620</b>	<b>0.6%</b>	<b>2</b>	<b>23</b>	<b>25</b>
51-1011	Supervisors - Production & Operating Workers	1,610	1,620	0.6%	2	23	25
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>4,860</b>	<b>5,020</b>	<b>3.3%</b>	<b>18</b>	<b>76</b>	<b>94</b>
51-2021	Coil Winders, Tapers & Finishers	10	10	0.0%	0	0	0
51-2022	Electrical & Electronic Equipment Assemblers	680	650	-4.4%	0	8	8

**Northwest WIA  
Occupational Employment  
2012-2022 Long-Term Projections**

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51-2031	Engine & Other Machine Assemblers	50	50	0.0%	0	1	1
51-2041	Structural Metal Fabricators & Fitters	280	300	7.1%	2	11	13
51-2092	Team Assemblers	2,240	2,340	4.5%	11	35	46
51-2099	Assemblers & Fabricators, Other	160	190	18.8%	4	2	6
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>1,050</b>	<b>1,080</b>	<b>2.9%</b>	<b>2</b>	<b>27</b>	<b>29</b>
51-3011	Bakers	450	460	2.2%	2	11	13
51-3021	Butchers & Meat Cutters	280	280	0.0%	0	7	7
51-3092	Food Batchmakers	200	200	0.0%	0	7	7
51-3093	Food Cooking Machine Operators	20	20	0.0%	0	0	0
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>10,260</b>	<b>10,270</b>	<b>0.1%</b>	<b>42</b>	<b>197</b>	<b>239</b>
51-4011	Computer-Controlled Machine Tool Operators	940	1,090	16.0%	15	26	41
51-4012	Computer Numerically Controlled Machine Tool Programmers	260	330	26.9%	7	7	14
51-4021	Extruding & Drawing Machine Operators	360	340	-5.6%	0	7	7
51-4022	Forging Machine Operators	140	130	-7.1%	0	3	3
51-4023	Rolling Machine Operators	160	150	-6.2%	0	3	3
51-4031	Cutting, Punching & Press Machine Operators	990	900	-9.1%	0	8	8
51-4032	Drilling & Boring Machine Tool Operators	120	100	-16.7%	0	2	2
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	560	510	-8.9%	0	13	13
51-4034	Lathe & Turning Machine Tool Operators	470	410	-12.8%	0	9	9
51-4035	Milling & Planing Machine Operators	140	130	-7.1%	0	3	3
51-4041	Machinists	1,860	1,980	6.5%	12	42	54
51-4051	Metal-Refining Furnace Operators	90	90	0.0%	0	1	1
51-4052	Pourers & Casters, Metal	80	70	-12.5%	0	1	1
51-4061	Model Makers	60	60	0.0%	0	1	1
51-4062	Patternmakers	40	40	0.0%	0	1	1
51-4071	Foundry Mold & Coremakers	120	110	-8.3%	0	1	1
51-4072	Molding, Coremaking & Casting Machine Operators	900	850	-5.6%	0	11	11
51-4081	Multiple Machine Tool Operators	550	510	-7.3%	0	11	11
51-4111	Tool & Die Makers	550	550	0.0%	0	3	3
51-4121	Welders, Cutters, Solderers & Brazers	1,300	1,340	3.1%	4	32	36
51-4122	Welding, Soldering & Brazing Machine Operators	130	160	23.1%	3	3	6
51-4191	Heat Treating Equipment Operators	50	50	0.0%	0	1	1
51-4193	Plating & Coating Machine Operators	260	250	-3.8%	0	5	5
51-4194	Tool Grinders, Filers & Sharpeners	60	60	0.0%	0	1	1

**Northwest WIA  
Occupational Employment  
2012-2022 Long-Term Projections**

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<b>51-5100</b>	<b>Printing Workers</b>	<b>470</b>	<b>440</b>	<b>-6.4%</b>	<b>0</b>	<b>9</b>	<b>9</b>
51-5112	Printing Press Operators	330	320	-3.0%	0	6	6
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	<b>650</b>	<b>670</b>	<b>3.1%</b>	<b>2</b>	<b>12</b>	<b>14</b>
51-6011	Laundry & Dry-Cleaning Workers	310	340	9.7%	2	9	11
51-6021	Pressers: Textile, Garment & Related Materials	40	40	0.0%	0	0	0
51-6031	Sewing Machine Operators	180	180	0.0%	0	1	1
51-6063	Textile Knitting & Weaving Machine Operators	10	10	0.0%	0	0	0
<b>51-7000</b>	<b>Woodworkers</b>	<b>660</b>	<b>720</b>	<b>9.1%</b>	<b>6</b>	<b>9</b>	<b>15</b>
51-7011	Cabinetmakers & Bench Carpenters	210	230	9.5%	2	2	4
51-7041	Sawing Machine Operators, Wood	210	220	4.8%	2	6	8
51-7042	Woodworking Machine Operators	210	240	14.3%	3	1	4
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	<b>670</b>	<b>720</b>	<b>7.5%</b>	<b>5</b>	<b>24</b>	<b>29</b>
51-8013	Power Plant Operators	100	100	0.0%	0	3	3
51-8021	Stationary Engineers & Boiler Operators	50	50	0.0%	0	1	1
51-8031	Water & Wastewater Treatment Plant & System Operators	170	190	11.8%	1	6	7
51-8091	Chemical Plant & System Operators	50	50	0.0%	0	2	2
51-8092	Gas Plant Operators	150	170	13.3%	2	6	8
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	110	110	0.0%	1	4	5
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>5,540</b>	<b>5,850</b>	<b>5.6%</b>	<b>35</b>	<b>126</b>	<b>161</b>
51-9011	Chemical Equipment Operators	110	110	0.0%	0	4	4
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	70	80	14.3%	0	3	3
51-9021	Crushing, Grinding & Polishing Machine Operators	50	40	-20.0%	0	1	1
51-9022	Grinding & Polishing Workers, Hand	130	140	7.7%	1	4	5
51-9023	Mixing & Blending Machine Operators	210	200	-4.8%	0	6	6
51-9031	Cutters & Trimmers, Hand	50	40	-20.0%	0	1	1
51-9032	Cutting & Slicing Machine Operators	30	30	0.0%	0	0	0
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	260	260	0.0%	0	7	7
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	30	40	33.3%	0	1	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	1,500	1,640	9.3%	14	33	47
51-9071	Jewelers & Precious Stone & Metal Workers	40	40	0.0%	0	1	1
51-9081	Dental Laboratory Technicians	90	90	0.0%	0	3	3
51-9083	Ophthalmic Laboratory Technicians	80	90	12.5%	1	2	3
51-9111	Packaging & Filling Machine Operators	570	610	7.0%	4	13	17
51-9121	Coating, Painting & Spraying Machine Operators	150	160	6.7%	1	3	4

**Northwest WIA  
Occupational Employment  
2012-2022 Long-Term Projections**

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51-9123	Painting, Coating & Decorating Workers	90	90	0.0%	0	2	2
51-9191	Adhesive Bonding Machine Operators	50	50	0.0%	0	1	1
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	30	40	33.3%	0	1	1
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	200	200	0.0%	0	7	7
51-9198	Helpers--Production Workers	1,200	1,270	5.8%	8	21	29
51-9199	Production Workers, Other	150	190	26.7%	4	4	8
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>13,550</b>	<b>14,590</b>	<b>7.7%</b>	<b>106</b>	<b>301</b>	<b>407</b>
<b>53-1000</b>	<b>Supervisors - Transportation &amp; Material Moving Workers</b>	<b>370</b>	<b>390</b>	<b>5.4%</b>	<b>2</b>	<b>10</b>	<b>12</b>
53-1031	Supervisors - Transportation & Vehicle Operators	210	220	4.8%	1	6	7
53-2012	Commercial Pilots	10	10	0.0%	0	0	0
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>7,020</b>	<b>7,570</b>	<b>7.8%</b>	<b>54</b>	<b>116</b>	<b>170</b>
53-3021	Bus Drivers, Transit & Intercity	130	130	0.0%	0	2	2
53-3022	Bus Drivers, School or Special Client	1,920	2,050	6.8%	14	35	49
53-3031	Driver/Sales Workers	570	610	7.0%	4	9	13
53-3032	Heavy & Tractor-Trailer Truck Drivers	2,590	2,890	11.6%	30	41	71
53-3033	Light Truck or Delivery Services Drivers	1,400	1,430	2.1%	3	22	25
53-3041	Taxi Drivers & Chauffeurs	380	420	10.5%	4	4	8
53-4011	Locomotive Engineers	50	50	0.0%	0	2	2
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	10	10	0.0%	0	0	0
53-4031	Railroad Conductors & Yardmasters	50	50	0.0%	0	2	2
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>190</b>	<b>200</b>	<b>5.3%</b>	<b>2</b>	<b>6</b>	<b>8</b>
53-6021	Parking Lot Attendants	50	60	20.0%	0	2	2
53-6031	Automotive & Watercraft Service Attendants	100	110	10.0%	1	3	4
53-6051	Transportation Inspectors	30	30	0.0%	0	1	1
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>5,740</b>	<b>6,210</b>	<b>8.2%</b>	<b>47</b>	<b>161</b>	<b>208</b>
53-7011	Conveyor Operators	50	50	0.0%	1	1	2
53-7021	Crane & Tower Operators	50	50	0.0%	0	2	2
53-7033	Loading Machine Operators, Underground Mining	10	0	-100.0%	0	0	0
53-7051	Industrial Truck & Tractor Operators	630	630	0.0%	0	14	14
53-7061	Cleaners of Vehicles & Equipment	450	470	4.4%	2	12	14
53-7062	Laborers & Freight, Stock & Material Movers	2,990	3,290	10.0%	30	93	123
53-7063	Machine Feeders & Offbearers	300	310	3.3%	1	6	7
53-7064	Packers & Packagers, Hand	970	1,090	12.4%	12	25	37
53-7072	Pump Operators	20	20	0.0%	0	0	0

**Northwest WIA  
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>
53-7073	Wellhead Pumpers	100	120	20.0%	1	4	5
53-7111	Mine Shuttle Car Operators	10	0	-100.0%	0	0	0
53-7121	Tank Car, Truck & Ship Loaders	50	50	0.0%	0	1	1

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.