



Northwest Regional In-Demand Occupations Report

October 2017

Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry ¹	Northwest Region							Statewide						Northwest Regional Percentage Share of Statewide Numbers							
					Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMI)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMI Trend Data	No. of Employer s (OMI)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMI 4-Year Trend Data		Number of Employers Forecasted	
																						Number of OMI	Forecast Data		
1	13-2011.00	Accountants and Auditors	Business and Financial Operations Occupations	Bachelor's degree	124	28	3,600	490	30	33	3	1,438	336	41,300	16,236	668	1,312	18	8.62%	8.33%	8.72%	3.02%	4.49%	2.52%	16.67%
2	15-2011.00	Actuaries	Computer and Mathematical Occupations	Bachelor's degree	0	0	0	0	0	17	2	45	15	1,010	961	32	17	2	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
3	11-3011.00	Administrative Services Managers	Management Occupations	Bachelor's degree	20	4	830	1	1	0	0	276	72	10,930	286	102	0	0	7.25%	5.56%	7.59%	0.35%	0.98%	0.00%	0.00%
4	17-2011.00	Aerospace Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	3	3	0	0	129	0	4,510	1,997	71	321	3	0.00%	0.00%	0.00%	0.15%	4.23%	0.00%	0.00%
5	49-3011.00	Aircraft Mechanics and Service Technicians	Installation, Maintenance, and Repair Occupations	Certificate/Some college	5	0	210	8	2	0	0	98	22	3,210	161	33	410	4	5.10%	0.00%	6.54%	4.97%	6.06%	0.00%	0.00%
6	11-9041.00	Architectural and Engineering Managers	Management Occupations	Bachelor's degree	21	1	650	33	9	1	1	226	14	6,900	1,807	226	6	2	9.29%	7.14%	9.42%	1.83%	3.98%	16.67%	50.00%
7	51-2099.00	Assemblers and Fabricators, All Other	Production Occupations	High school diploma or equivalent	63	7	2,620	20	4	102	2	524	55	21,840	230	63	252	5	12.02%	12.73%	12.00%	8.70%	6.35%	40.48%	40.00%
8	27-4011.00	Audio and Video Equipment Technicians	Arts, Design, Entertainment, Sports, and Media Occupations	Certificate/Some college	0	0	0	4	2	0	0	41	14	1,410	91	39	3	1	0.00%	0.00%	0.00%	4.40%	5.13%	0.00%	0.00%
9	49-3021.00	Automotive Body and Related Repairers	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	24	7	740	6	2	0	0	210	58	6,630	43	19	10	1	11.43%	12.07%	11.16%	13.95%	10.53%	0.00%	0.00%
10	49-3023.00	Automotive Service Technicians and Mechanics	Installation, Maintenance, and Repair Occupations	Certificate/Some college	101	16	3,160	28	4	0	0	857	126	27,290	2,782	89	88	2	11.79%	12.70%	11.58%	1.01%	4.49%	0.00%	0.00%
11	53-6051.01	Aviation Inspectors*	Transportation and Material Moving Occupations	High school diploma or equivalent	0	0	0	0	0	0	0	21	1	770	82	11	40	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	49-2091.00	Avionics Technicians	Installation, Maintenance, and Repair Occupations	Associate's degree	0	0	0	0	0	0	0	10	2	450	39	13	60	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	43-3011.00	Bill and Account Collectors	Office and Administrative Support Occupations	High school diploma or equivalent	22	0	890	188	9	0	0	404	0	16,540	2,775	205	1,643	3	5.45%	0.00%	5.38%	6.77%	4.39%	0.00%	0.00%
14	43-3021.00	Billing and Posting Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	77	33	2,120	182	9	6	1	817	304	24,540	1,541	144	6	1	9.42%	10.86%	8.64%	11.81%	6.25%	100.00%	100.00%
15	11-9041.01	Biofuels/Biodiesel Technology & Product Development Managers*	Management Occupations	Bachelor's degree	21	1	650	33	9	1	1	226	14	6,900	1,807	226	1	1	9.29%	7.14%	9.42%	1.83%	3.98%	100.00%	100.00%
16	19-4021.00	Biological Technicians	Life, Physical, and Social Science Occupations	Bachelor's degree	0	0	0	10	2	0	0	117	30	3,120	1,404	76	3	1	0.00%	0.00%	0.00%	0.71%	2.63%	0.00%	0.00%
17	17-2031.00	Biomedical Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	1	1	6	2	25	8	640	163	35	54	4	0.00%	0.00%	0.00%	0.61%	2.86%	11.11%	50.00%
18	43-3031.00	Bookkeeping, Accounting, and Auditing Clerks	Office and Administrative Support Occupations	Certificate/Some college	62	0	6,340	131	27	5	1	640	0	65,250	3,809	550	206	7	9.69%	0.00%	9.72%	3.44%	4.91%	2.43%	14.29%
19	49-3031.00	Bus & Truck Mechanics & Diesel Engine Spec.	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	0	0	0	24	7	16	4	325	118	12,040	3,078	148	124	7	0.00%	0.00%	0.00%	0.78%	4.73%	12.90%	57.14%
20	53-3022.00	Bus Drivers, School or Special Client	Transportation and Material Moving Occupations	High school diploma or equivalent	22	3	1,420	1	1	0	0	282	106	13,420	325	40	25	1	7.80%	2.83%	10.58%	0.31%	2.50%	0.00%	0.00%
21	15-1199.08	Business Intelligence Analysts*	Computer and Mathematical Occupations	Bachelor's degree	2	0	140	168	22	0	0	103	6	7,520	33,233	436	156	2	1.94%	0.00%	1.86%	0.51%	5.05%	0.00%	0.00%
22	13-1199.00	Business Operations Specialists, All Other	Business and Financial Operations Occupations	Bachelor's degree	20	0	1,680	83	11	0	0	374	67	25,760	5,151	311	6	1	5.35%	0.00%	6.52%	1.61%	3.54%	0.00%	0.00%
23	47-2031.00	Carpenters	Construction and Extraction Occupations	High school diploma or equivalent	68	32	3,090	20	4	107	4	623	287	29,210	1,30	43	676	15	10.91%	11.15%	10.58%	15.38%	9.30%	15.83%	26.67%
24	47-2051.00	Cement Masons and Concrete Finishers	Construction and Extraction Occupations	Less Than High School	11	4	560	0	0	42	3	91	35	4,640	16	6	144	5	12.09%	11.43%	12.07%	0.00%	0.00%	29.17%	60.00%
25	17-2041.00	Chemical Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	20	6	5	2	40	4	1,310	447	67	44	10	0.00%	0.00%	0.00%	4.47%	8.96%	11.36%	20.00%
26	51-9011.00	Chemical Equipment Operators/Tenders	Production Occupations	High school diploma or equivalent	12	0	390	0	0	0	0	94	0	3,000	2	2	19	1	12.77%	0.00%	13.00%	0.00%	0.00%	0.00%	0.00%
27	51-8091.00	Chemical Plant and System Operators	Production Occupations	High school diploma or equivalent	7	0	190	3	2	15	1	70	0	1,850	144	29	33	3	10.00%	0.00%	10.27%	2.08%	6.90%	45.45%	33.33%
28	19-2031.00	Chemists	Life, Physical, and Social Science Occupations	Bachelor's degree	9	2	320	15	5	0	0	85	4	3,680	760	84	58	4	10.59%	50.00%	8.70%	1.97%	5.95%	0.00%	0.00%
29	21-1021.00	Child, Family, and School Social Workers	Community and Social Service Occupations	Bachelor's degree	26	5	860	5	4	3	1	334	71	10,920	371	65	69	3	7.78%	7.04%	7.88%	1.35%	6.15%	4.35%	33.33%
30	17-2051.00	Civil Engineers	Architecture and Engineering Occupations	Bachelor's degree	23	4	640	44	8	8	2	286	63	7,550	488	95	33	5	8.04%	6.35%	8.48%	9.02%	8.42%	24.24%	40.00%
31	13-1031.00	Claims Adjusters, Examiners, and Investigators	Business and Financial Operations Occupations	High school diploma or equivalent	6	0	230	6	2	43	2	312	11	12,150	2,495	88	1,581	4	1.92%	0.00%	1.89%	0.24%	2.27%	2.72%	50.00%
32	19-3031.00	Clinical, Counseling, and School Psychologists	Life, Physical, and Social Science Occupations	Doctoral or professional degree	13	7	270	29	2	12	2	189	94	4,450	6,073	30	23	3	6.88%	7.45%	6.07%	11.03%	6.67%	52.17%	66.67%
33	53-2012.00	Commercial Pilots	Transportation and Material Moving Occupations	High school diploma or equivalent	0	0	0	0	0	0	0	144	65	3,260	50	21	12	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	13-1041.00	Compliance Officers*	Business and Financial Operations Occupations	Bachelor's degree	10	3	510	28	5	0	0	120	28	6,570	872	160	2	1	8.33%	10.71%	7.76%	3.21%	3.13%	0.00%	0.00%
35	15-1111.00	Computer & Information Research Scientists	Computer and Mathematical Occupations	Doctoral or professional degree	0	0	0	1	1	2	1	3	0	230	503	55	13	3	0.00%	0.00%	0.00%	0.20%	1.82%	15.38%	33.33%
36	11-3021.00	Computer and Information Systems Managers	Management Occupations	Bachelor's degree	14	8	540	77	13	0	0	359	213	12,410	7,000	316	4	2	3.90%	3.76%	4.35%	1.10%	4.11%	0.00%	0.00%
37	17-2061.00	Computer Hardware Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	0	0	2	1	19	3	760	554	64	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	50.00%
38	15-1143.00	Computer Network Architects	Computer and Mathematical Occupations	Bachelor's degree	2	0	160	15	6	0	0	96	27	5,390	1,503	156	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39	15-1152.00	Computer Network Support Specialists	Computer and Mathematical Occupations	Associate's degree	11	3	620	7	1	0	0	148	49	7,710	184	52	4	1	7.43%	6.12%	8.04%	3.80%	1.92%	0.00%	0.00%
40	51-4012.00	Computer Numerically Controlled Machine Tool Prog., M/P	Production Occupations	High school diploma or equivalent	10	4	180	1	1	0	0	67	25	1,380	110	41	31	2	14.93%	16.00%	13.04%	0.91%	2.44%	0.00%	0.00%
41	15-1131.00	Computer Programmers	Computer and Mathematical Occupations	Bachelor's degree	11	0	440	38	15	25	3	184	0	7,490	5,370	312	358	9	5.98%	0.00%	5.87%	0.71%	4.81%	6.98%	33.33%
42	15-1121.00	Computer Systems Analysts	Computer and Mathematical Occupations	Bachelor's degree	22	13	680	231	24	0	0	978	599	29,440	27,229	447	571	6	2.25%	2.17%	2.31%	0.85%	5.37%	0.00%	0.00%
43	15-1199.02	Computer Systems Engineers/Architects*	Computer and Mathematical Occupations	Bachelor's degree	2	0	140	168	22	0	0	103	6	7,520	33,233	436	61	4	1.94%	0.00%	1.86%	0.51%	5.05%	0.00%	0.00%
44	15-1151.00	Computer User Support Specialists	Computer and Mathematical Occupations	Certificate/Some college	16	4	950	266	32	12	1	459	225	18,150	15,091	622	36	7	3.49%	1.78%	5.23%	1.76%	5.14%	33.33%	14.29%
45	51-4011.00	Computer-Controlled Machine Tool Oper., M/P	Production Occupations	High school diploma or equivalent	75	29	1,520	23	5	0	0	608	230	12,430	715	134	173	4	12.34%	12.61%	12.23%	3.22%	3.73%	0.00%	0.00%
46	47-2061.00	Construction Laborers	Construction and Extraction Occupations	Less Than High School	125	47	3,910	94	4	50	1	1,129	411	35,980	346	61	998	7	11.07%	11.44%	10.87%	27.17%	6.56%	5.01%	14.29%
47	11-9021.00	Construction Managers	Management Occupations	Bachelor's degree	20	4	1,120	9	6	11	1	271	73	14,170	810	122	258	11	7.38%	5.48%	7.90%	1.11%	4.92%	4.26%	9.09%
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Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry ¹	Northwest Region								Statewide						Northwest Regional Percentage Share of Statewide Numbers						
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth	2014 Statewide Employment	Statewide 4-Year OMI Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMI 4-Year Trend Data	Number of Employers	Forecast Data	Number of Employers Forecasted
91	19-1012.00	Food Scientists and Technologists	Life, Physical, and Social Science Occupations	Bachelor's degree	0	0	0	3	1	0	0	26	2	680	280	42	1	1	0.00%	0.00%	0.00%	1.07%	2.38%	0.00%	0.00%
92	11-9051.00	Food Service Managers	Management Occupations	High school diploma or equivalent	40	8	1,600	3	3	0	0	333	52	13,970	1,645	57	60	1	12.01%	15.38%	11.45%	0.18%	5.26%	0.00%	0.00%
93	11-1021.00	General and Operations Managers	Management Occupations	Bachelor's degree	171	20	5,960	190	18	2	1	1,904	296	63,520	9,384	439	67	9	8.98%	6.76%	9.38%	2.02%	4.10%	2.99%	11.11%
94	27-1024.00	Graphic Designers	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	17	0	700	29	8	0	0	244	10	9,860	1,081	194	2	1	6.97%	0.00%	7.10%	2.68%	4.12%	0.00%	0.00%
95	17-2111.00	Health & Safety Engineers, ex. Mining Safety & Inspectors	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	105	13	5	3	24	4	670	1,787	281	6	4	0.00%	0.00%	0.00%	5.88%	4.63%	83.33%	75.00%
96	29-2099.00	Health Technologists and Technicians, All Other	Healthcare Practitioners and Technical Occupations	High school diploma or equivalent	14	10	410	3	2	0	0	151	105	4,670	1,830	61	0	0	9.27%	9.52%	8.78%	0.16%	3.28%	0.00%	0.00%
97	21-1022.00	Healthcare Social Workers	Community and Social Service Occupations	Master's degree	23	8	620	5	3	0	0	282	116	6,900	1,456	74	0	0	8.16%	6.90%	8.99%	0.34%	4.05%	0.00%	0.00%
98	31-9099.00	Healthcare Support Workers, All Other	Healthcare Support Occupations	High school diploma or equivalent	13	4	420	8	4	3	1	102	37	3,100	1,658	61	33	3	12.75%	10.81%	13.55%	0.48%	6.56%	9.09%	33.33%
99	49-9021.00	Heating, AC, & Refrigeration Mechanics/Installers	Installation, Maintenance, and Repair Occupations	Certificate/Some college	33	16	1,120	0	0	0	0	298	147	9,890	353	76	188	7	11.07%	10.88%	11.32%	0.00%	0.00%	0.00%	0.00%
100	53-3032.00	Truck Drivers, Heavy and Tractor-Trailer	Transportation and Material Moving Occupations	Certificate/Some college	191	40	8,900	768	16	191	4	1,597	353	73,110	16,734	228	1,873	14	11.96%	11.33%	12.17%	4.59%	7.02%	10.20%	28.57%
101	47-3019.00	Helpers, Construction Trades, All Other	Construction and Extraction Occupations	Less Than High School	0	0	0	0	0	0	0	11	5	440	775	3	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
102	47-3013.00	Helpers-Electricians	Construction and Extraction Occupations	High school diploma or equivalent	0	0	0	0	0	0	0	34	20	1,110	76	6	159	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
103	51-9198.00	Helpers-Production Workers	Production Occupations	Less Than High School	81	0	2,500	138	17	69	2	665	0	20,390	1,812	280	160	8	12.18%	0.00%	12.26%	7.62%	6.07%	43.13%	25.00%
104	43-4161.00	Human Resources Assis., ex. Payroll & Timekep	Office and Administrative Support Occupations	Associate's degree	5	0	450	32	15	1	1	56	0	4,990	1,516	299	1	1	8.93%	0.00%	9.02%	2.11%	5.02%	100.00%	100.00%
105	11-3121.00	Human Resources Managers	Management Occupations	Bachelor's degree	14	3	390	288	25	3	1	163	37	4,320	5,848	575	7	3	8.59%	8.11%	9.03%	4.92%	4.35%	42.86%	33.33%
106	13-1071.00	Human Resources Specialists	Business and Financial Operations Occupations	Bachelor's degree	56	0	2,300	99	18	4	1	452	58	16,180	3,720	339	9	3	12.39%	0.00%	14.22%	2.66%	5.31%	44.44%	33.33%
107	17-2112.00	Industrial Engineers	Architecture and Engineering Occupations	Bachelor's degree	51	5	1,580	1,369	32	17	2	366	23	11,710	19,962	606	31	5	13.93%	21.74%	13.49%	6.86%	5.28%	54.84%	40.00%
108	49-9041.00	Industrial Machinery Mechanics	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	112	50	2,380	48	13	33	3	736	301	16,780	1,121	235	76	11	15.22%	16.61%	14.18%	4.28%	5.53%	43.42%	27.27%
109	11-3051.00	Industrial Production Managers	Management Occupations	Bachelor's degree	45	0	1,580	105	16	3	3	346	0	12,210	1,207	265	27	10	13.01%	0.00%	12.94%	8.70%	6.04%	11.11%	30.00%
110	53-7051.00	Industrial Truck and Tractor Operators	Transportation and Material Moving Occupations	Less Than High School	116	0	4,660	80	9	26	2	630	13	24,790	1,864	147	55	3	18.41%	0.00%	18.80%	4.29%	6.12%	47.27%	66.67%
111	15-1122.00	Information Security Analysts	Computer and Mathematical Occupations	Bachelor's degree	0	0	0	49	7	12	1	55	30	1,920	4,723	186	230	4	0.00%	0.00%	0.00%	1.04%	3.76%	5.22%	25.00%
112	15-1199.00	Information Technology Project Managers*	Computer and Mathematical Occupations	Bachelor's degree	2	0	140	168	22	1	1	103	6	7,210	33,233	436	388	8	1.94%	0.00%	1.86%	0.51%	5.05%	0.26%	12.50%
113	51-9061.00	Inspectors, Testers, Sorters, Samplers, and Weighers	Production Occupations	High school diploma or equivalent	112	0	4,470	27	5	0	0	621	0	24,710	1,139	237	18	4	18.04%	0.00%	18.09%	2.37%	2.11%	0.00%	0.00%
114	25-9031.01	Instructional Designers and Technologists*	Education, Training, and Library Occupations	Master's degree	4	2	250	2	2	0	0	48	23	2,560	527	82	1	1	8.33%	8.70%	9.77%	0.38%	2.44%	0.00%	0.00%
115	43-9041.00	Insurance Claims and Policy Processing Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	22	4	720	1	1	0	0	511	74	17,460	427	61	400	1	4.31%	5.41%	4.12%	0.23%	1.64%	0.00%	0.00%
116	41-3021.00	Insurance Sales Agents	Sales and Related Occupations	High school diploma or equivalent	40	10	1,120	5	3	0	0	581	110	17,940	3,245	102	0	0	6.88%	9.09%	6.24%	0.15%	2.94%	0.00%	0.00%
117	13-2053.00	Insurance Underwriters	Business and Financial Operations Occupations	Bachelor's degree	2	0	110	1	1	12	1	93	0	4,930	851	46	282	4	2.15%	0.00%	2.23%	0.12%	2.17%	4.26%	25.00%
118	29-1063.00	Internists, General	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	4	1	120	4	1	0	0	81	21	2,220	795	58	3	1	4.94%	4.76%	5.41%	0.50%	1.72%	0.00%	0.00%
119	27-3091.00	Interpreters and Translators	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	0	0	0	0	0	0	0	91	56	2,200	264	44	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
120	43-4111.00	Interviewers, Except Eligibility and Loan	Office and Administrative Support Occupations	High school diploma or equivalent	50	9	1,820	3	2	0	0	274	61	9,300	2,518	69	0	0	18.25%	14.75%	19.51%	0.12%	2.90%	0.00%	0.00%
121	23-1011.00	Lawyers	Legal Occupations	Doctoral or professional degree	21	4	1,140	30	4	0	0	406	111	20,180	1,659	142	0	0	5.17%	3.60%	5.65%	1.81%	2.82%	0.00%	0.00%
122	29-2061.00	Licensed Practical and Licensed Vocational Nurses	Healthcare Practitioners and Technical Occupations	Certificate/Some college	190	67	4,310	28	5	15	1	1,930	800	39,730	4,943	97	107	6	9.84%	8.38%	10.85%	0.57%	5.15%	14.02%	16.67%
123	53-3033.00	Truck Drivers, Light or Delivery Services	Transportation and Material Moving Occupations	High school diploma or equivalent	72	4	4,030	86	7	0	0	624	56	33,410	6,001	177	406	4	11.54%	7.14%	12.06%	1.43%	3.95%	0.00%	0.00%
124	43-4131.00	Loan Interviewers and Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	13	4	600	1	1	6	1	205	61	9,380	782	62	35	4	6.34%	6.56%	6.40%	0.13%	1.61%	17.14%	25.00%
125	13-2072.00	Loan Officers	Business and Financial Operations Occupations	Bachelor's degree	19	5	850	0	0	4	1	298	89	12,550	7,587	73	182	6	6.38%	5.62%	6.77%	0.00%	0.00%	2.20%	16.67%
126	13-1081.00	Logisticians*	Business and Financial Operations Occupations	Bachelor's degree	5	0	370	102	16	0	0	89	9	5,790	1,686	228	17	2	5.62%	0.00%	6.39%	6.05%	7.02%	0.00%	0.00%
127	13-1081.02	Logistics Analysts*	Business and Financial Operations Occupations	Bachelor's degree	5	0	370	102	16	0	0	89	9	5,790	1,686	228	3	1	5.62%	0.00%	6.39%	6.05%	7.02%	0.00%	0.00%
128	11-1999.00	Loss Prevention Managers*	Management Occupations	High school diploma or equivalent	38	6	1,440	174	21	0	0	762	118	29,190	8,360	452	0	0	4.99%	5.08%	4.93%	2.08%	4.65%	0.00%	0.00%
129	51-4041.00	Machinists	Production Occupations	High school diploma or equivalent	188	46	4,930	65	14	49	2	1,150	304	29,270	1,586	217	633	20	16.35%	15.13%	16.84%	4.10%	6.45%	7.74%	10.00%
130	29-2035.00	Magnetic Resonance Imaging Technologists	Healthcare Practitioners and Technical Occupations	Associate's degree	0	0	0	1	1	1	1	49	20	1,520	252	41	1	1	0.00%	0.00%	0.00%	0.40%	2.44%	100.00%	100.00%
131	49-9071.00	Maintenance and Repair Workers, General	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	199	17	6,940	450	31	48	6	1,638	247	53,070	7,176	638	460	19	12.15%	6.88%	13.08%	6.27%	4.86%	10.43%	31.58%
132	49-9043.00	Maintenance Workers, Machinery	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	15	4	690	0	0	15	3	104	33	4,420	12	6	116	18	14.42%	12.12%	15.61%	0.00%	0.00%	12.93%	16.67%
133	13-1111.00	Management Analysts	Business and Financial Operations Occupations	Bachelor's degree	23	12	800	177	19	0	0	624	290	24,080	30,314	369	500	3	3.69%	4.14%	3.32%	0.58%	5.15%	0.00%	0.00%
134	11-9199.00	Managers, All Other	Management Occupations	Bachelor's degree	38	6	1,440	174	21	12	1	762	118	29,190	8,360	452	46	8	4.99%	5.08%	4.93%	2.08%	5.15%	26.09%	12.50%
135	17-2199.00	Manufacturing Engineers*	Architecture and Engineering Occupations	Bachelor's degree	11	1	500	42	10	2	1	191	32	7,930	564	136	107	17	5.76%	3.13%	6.31%	7.45%	7.35%	1.87%	5.88%
136	17-3029.00	Manufacturing Production Technicians*	Architecture and Engineering Occupations	Associate's degree	7	0	270	3	2	10	1	89	2	3,560	177	56	383	13	7.87%	0.00%	7.58%	1.69%	3.57%	2.61%	7.69%
137	13-1161.00	Market Research Analysts and Marketing Specialists	Business and Financial Operations Occupations	Bachelor's degree	42	26	1,310	163	13	2	1	602	362	20,100	8,302	361	75	5	6.98%	7.18%	6.52%	1.96%	3.60%	2.67%	20.00%
138	11-2021.00	Marketing Managers	Management Occupations	Bachelor's degree	0	0	0	264	22	4	1	173	44	5,440	18,404	487	39	6	0.00%	0.00%	0.00%	1.43%	4.52%	10.26%	16.67%
139	31-9011.00	Massage Therapists	Healthcare Support Occupations	Certificate/Some college	22	18	590	0	0	0	0	122	94	3,740	61	17	0	0	18.03%	19.15%	15.78%	0.00%	0.00%	0.00%	0.00%
140	17-2131.00	Materials Engineers	Architecture and Engineering Occupations	Bachelor's degree	4	0	130	13	4	1	1	53	1	1,480	1,014	84	21	3	7.55%	0.00%	8.78%	1.28%	4.76%	4.76%	33.33%
141	19-2032.00	Materials Scientists	Life, Physical, and Social Science Occupations	Bachelor's degree	0	0	0	30	4	0	0	13	3	480	270	28	9	2	0.00%	0.00%	0.00%	11.11%	14.29%	0.00%	0.00%
142	17-3013.00	Mechanical Drafters	Architecture and Engineering Occupations	Associate's degree	4	0	370	6	3	0	0	36	0	3,080	196	80	7	1	11.11%	0.00%	12.01%	3.06%	3.75%	0.00%	0.00%
143	17-3027.00	Mechanical Engineering Technicians	Architecture and Engineering Occupations	Associate's degree																					

Northwest Regional In-Demand Occupations Report

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Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry ¹	Northwest Region								Statewide							Northwest Regional Percentage Share of Statewide Numbers					
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth	2014 Statewide Employment	Statewide 4-Year OMI Trend Data	No. of Employer s (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMI 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
181	31-9097.00	Phlebotomists	Healthcare Support Occupations	Certificate/Some college	22	11	530	47	2	0	0	190	88	4,890	2,043	50	100	3	11.58%	12.50%	10.84%	2.30%	4.00%	0.00%	0.00%
182	31-2021.00	Physical Therapist Assistants	Healthcare Support Occupations	Associate's degree	50	30	710	3	1	0	0	339	195	4,990	1,137	49	0	0	14.75%	15.38%	14.23%	0.26%	2.04%	0.00%	0.00%
183	29-1123.00	Physical Therapists	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	50	28	820	11	4	0	0	423	222	7,500	3,519	78	111	3	11.82%	12.61%	10.93%	0.31%	5.13%	0.00%	0.00%
184	29-1071.00	Physician Assistants	Healthcare Practitioners and Technical Occupations	Master's degree	14	8	260	10	1	0	0	106	59	2,090	3,394	64	14	1	13.21%	13.56%	12.44%	0.29%	1.56%	0.00%	0.00%
185	29-1069.00	Physicians and Surgeons, All Other	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	83	33	1,850	12	2	25	1	710	255	16,910	2,119	67	665	4	11.69%	12.94%	10.94%	0.57%	2.99%	3.76%	25.00%
186	47-2152.00	Plumbers, Pipefitters, and Steamfitters	Construction and Extraction Occupations	High school diploma or equivalent	53	24	2,190	9	2	0	0	339	148	14,440	131	31	366	4	15.63%	16.22%	15.17%	6.87%	6.45%	0.00%	0.00%
187	51-9199.00	Production Workers, All Other	Production Occupations	High school diploma or equivalent	0	0	0	46	8	208	4	310	42	13,070	388	125	867	14	0.00%	0.00%	0.00%	11.86%	6.40%	23.99%	28.57%
188	43-5061.00	Production, Planning, and Expediting Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	37	3	1,260	74	15	0	0	412	49	13,390	2,208	340	25	1	8.98%	6.12%	9.41%	3.35%	4.41%	0.00%	0.00%
189	11-9141.00	Property, Real Estate & Community Assn Mgrs	Management Occupations	High school diploma or equivalent	15	2	770	4	1	0	0	237	58	10,300	564	93	0	0	6.33%	3.45%	7.48%	0.71%	1.08%	0.00%	0.00%
190	29-1066.00	Psychiatrists	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	5	2	100	9	3	26	2	63	27	1,360	319	55	110	8	7.94%	7.41%	7.35%	2.82%	5.45%	23.64%	25.00%
191	27-3031.00	Public Relations Specialists	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	8	1	620	68	17	0	0	132	40	7,710	2,676	334	3	1	6.06%	2.50%	8.04%	2.54%	5.09%	0.00%	0.00%
192	31-1023.00	Purchasing Agents, ex. Whole, Retail, & Farm	Business and Financial Operations Occupations	Bachelor's degree	25	1	860	200	17	20	1	342	0	12,450	3,563	393	20	1	7.31%	0.00%	6.91%	5.61%	4.33%	100.00%	100.00%
193	11-3061.00	Purchasing Managers	Management Occupations	Bachelor's degree	4	0	180	92	19	1	1	68	2	2,780	3,537	283	383	5	5.88%	0.00%	6.47%	2.60%	6.71%	0.26%	20.00%
194	19-4099.01	Quality Control Analysts*	Life, Physical, and Social Science Occupations	Associate's degree	0	0	0	0	0	4	1	73	8	1,560	173	61	68	5	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	20.00%
195	29-2034.00	Radiologic Technologists	Healthcare Practitioners and Technical Occupations	Associate's degree	27	7	1,050	2	1	12	1	259	88	9,050	3,993	67	93	2	10.42%	7.95%	11.60%	0.05%	1.49%	12.90%	50.00%
196	29-1141.00	Registered Nurses	Healthcare Practitioners and Technical Occupations	Bachelor's degree	488	192	12,540	231	10	121	7	4,833	1,777	129,550	29,481	206	15,260	26	10.40%	10.80%	9.68%	0.78%	4.85%	0.79%	26.92%
197	13-1041.07	Regulatory Affairs Specialists*	Business and Financial Operations Occupations	Bachelor's degree	10	3	510	28	5	0	0	120	28	6,570	872	160	2	1	8.33%	10.71%	7.76%	3.21%	3.13%	0.00%	0.00%
198	39-9041.00	Residential Advisors	Personal Care & Services	High school diploma or equivalent	0	0	0	4	2	0	0	131	53	2,570	10	8	0	0	0.00%	0.00%	0.00%	40.00%	25.00%	0.00%	0.00%
199	29-1126.00	Respiratory Therapists	Healthcare Practitioners and Technical Occupations	Associate's degree	23	7	700	10	2	0	0	194	56	5,880	2,677	57	57	2	11.86%	12.50%	11.90%	0.37%	3.51%	0.00%	0.00%
200	17-2199.08	Robotics Engineers*	Architecture and Engineering Occupations	Bachelor's degree	11	1	500	42	10	12	1	191	32	7,930	564	136	12	1	5.76%	3.13%	6.31%	7.45%	7.35%	100.00%	100.00%
201	41-9031.00	Sales Engineers	Sales and Related Occupations	Bachelor's degree	6	1	190	25	6	3	1	91	13	3,030	2,806	192	43	11	6.59%	7.69%	6.27%	0.89%	3.13%	6.98%	9.09%
202	11-2022.00	Sales Managers	Management Occupations	Bachelor's degree	24	1	980	98	20	9	1	396	58	14,300	8,246	423	71	12	6.06%	1.72%	6.85%	1.19%	4.73%	12.68%	8.33%
203	41-3099.00	Sales Representatives, Services, All Other	Sales and Related Occupations	High school diploma or equivalent	53	9	2,060	568	8	0	0	850	224	29,380	7,974	233	63	11	6.24%	4.02%	7.01%	7.12%	3.43%	0.00%	0.00%
204	41-4012.00	Sales Rep., Wholesale/Mfg. ex. Tech./Sci. Prod.	Sales and Related Occupations	High school diploma or equivalent	107	16	4,400	368	15	16	3	1,202	199	48,760	7,580	389	19	4	8.90%	8.04%	9.02%	4.85%	3.86%	84.21%	75.00%
205	41-4011.00	Sales Rep., Wholesale & Mfg. Tech./Sci. Prod.	Sales and Related Occupations	Bachelor's degree	41	6	1,690	46	12	5	2	610	132	23,220	11,666	278	56	7	6.72%	4.55%	7.28%	0.39%	4.32%	8.93%	28.57%
206	15-1199.10	Search Marketing Strategists*	Computer and Mathematical Occupations	Bachelor's degree	2	0	140	168	22	0	0	103	6	7,520	33,233	436	18	1	1.94%	0.00%	1.86%	0.51%	5.05%	0.00%	0.00%
207	43-6014.00	Secretaries, Except Legal, Medical, and Executive	Office and Administrative Support Occupations	High school diploma or equivalent	79	0	7,530	54	14	3	1	939	158	74,040	1,801	341	13	4	8.41%	0.00%	10.17%	3.00%	4.11%	23.08%	25.00%
208	41-3031.00	Securities/Commodities/Fin. Serv. Sales Agents	Sales and Related Occupations	Bachelor's degree	14	5	530	8	2	0	0	272	79	11,200	13,650	142	500	2	5.15%	6.33%	4.73%	0.06%	1.41%	0.00%	0.00%
209	25-3021.00	Self-Enrichment Education Teachers	Education, Training, and Library Occupations	High school diploma or equivalent	25	9	870	7	0	0	0	300	118	9,630	7	4	0	0	8.33%	7.63%	9.03%	0.00%	0.00%	0.00%	0.00%
210	47-2211.00	Sheet Metal Workers	Construction and Extraction Occupations	High school diploma or equivalent	10	1	400	7	1	0	0	126	25	4,690	67	20	145	2	7.94%	4.00%	8.53%	10.45%	5.00%	0.00%	0.00%
211	43-5071.00	Shipping, Receiving, and Traffic Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	68	0	3,140	90	9	0	0	827	32	36,600	1,540	245	36	2	8.22%	0.00%	8.58%	5.84%	3.67%	0.00%	0.00%
212	11-9151.00	Social and Community Service Managers	Management Occupations	Bachelor's degree	17	3	520	14	7	15	1	156	34	4,590	682	103	51	3	10.90%	8.82%	11.33%	2.05%	6.80%	29.41%	33.33%
213	21-1093.00	Social and Human Service Assistants	Community and Social Service Occupations	High school diploma or equivalent	39	11	1,410	108	8	0	0	332	106	11,510	4,771	157	213	3	11.75%	10.38%	12.25%	2.26%	5.10%	0.00%	0.00%
214	15-1132.00	Software Developers, Applications	Computer and Mathematical Occupations	Bachelor's degree	34	20	960	50	14	25	1	836	467	25,840	17,133	357	1,799	26	4.07%	4.28%	3.72%	0.29%	3.92%	1.39%	3.85%
215	15-1133.00	Software Developers, Systems Software	Computer and Mathematical Occupations	Bachelor's degree	0	0	0	5	3	0	0	120	42	5,430	1,480	128	344	7	0.00%	0.00%	0.00%	0.34%	2.34%	0.00%	0.00%
216	15-1199.01	Software Quality Assurance Engineers and Testers*	Computer and Mathematical Occupations	Bachelor's degree	2	0	140	168	22	0	0	103	6	7,520	33,233	436	211	6	1.94%	0.00%	1.86%	0.51%	5.05%	0.00%	0.00%
217	29-1127.00	Speech-Language Pathologists	Healthcare Practitioners and Technical Occupations	Master's degree	38	22	620	4	1	0	0	269	135	5,320	1,670	50	0	0	14.13%	16.30%	11.65%	0.24%	2.00%	0.00%	0.00%
218	15-2041.00	Statisticians	Computer and Mathematical Occupations	Master's degree	0	0	0	1	1	0	0	44	28	880	474	68	6	1	0.00%	0.00%	0.00%	0.21%	1.47%	0.00%	0.00%
219	47-2221.00	Structural Iron and Steel Workers	Construction and Extraction Occupations	High school diploma or equivalent	5	0	290	1	1	14	1	38	2	2,190	16	5	99	2	13.16%	0.00%	13.24%	6.25%	20.00%	14.14%	50.00%
220	21-1011.00	Substance Abuse and Behavioral Disorder Counselors	Community and Social Service	Bachelor's degree	6	3	150	13	2	15	1	106	51	2,650	381	57	65	3	5.66%	5.88%	5.66%	3.41%	3.51%	23.08%	33.33%
221	11-9199.04	Supply Chain Managers*	Management Occupations	High school diploma or equivalent	38	6	1,440	174	21	0	0	762	118	29,190	8,360	452	0	0	4.99%	5.08%	4.93%	2.08%	4.65%	0.00%	0.00%
222	29-2099.07	Surgical Assistants*	Healthcare Practitioners and Technical Occupations	Certificate/Some College	14	10	410	3	2	0	0	151	105	4,670	1,830	61	15	1	9.27%	9.52%	8.78%	0.16%	3.28%	0.00%	0.00%
223	29-2055.00	Surgical Technologists	Healthcare Practitioners and Technical Occupations	Certificate/Some college	8	4	400	13	2	0	0	84	46	3,820	2,799	59	185	2	9.52%	8.70%	10.47%	0.46%	3.39%	0.00%	0.00%
224	51-2092.00	Team Assemblers	Production Occupations	High school diploma or equivalent	216	0	10,080	15	2	0	0	1,479	20	67,960	371	84	593	3	14.60%	0.00%	14.83%	4.04%	2.38%	0.00%	0.00%
225	27-3042.00	Technical Writers	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	0	0	0	16	4	0	0	40	12	1,250	892	145	22	1	0.00%	0.00%	0.00%	1.79%	2.76%	0.00%	0.00%
226	15-1143.01	Telecommunications Engineering Specialists*	Computer and Mathematical Occupations	Bachelor's degree	2	0	160	15	6	0	0	96	27	5,390	1,503	156	2	1	2.08%	0.00%	2.97%	1.00%	3.85%	0.00%	0.00%
227	49-2022.00	Telecomm. Equip. Install/Repair, ex. Line Install	Installation, Maintenance, and Repair Occupations	Certificate/Some College	5	0	600	0	0	0	0	63	0	6,970	2,085	50	2	1	7.94%	0.00%	8.61%	0.00%	0.00%	0.00%	0.00%
228	51-4111.00	Tool and Die Makers	Production Occupations	High school diploma or equivalent	6	0	1,320	24	6	34	4	55	0	11,080	380	94	59	8	10.91%	0.00%	11.91%	6.32%	6.38%	57.63%	50.00%
229	13-1151.00	Training and Development Specialists	Business and Financial Operations Occupations	Bachelor's degree	16	3	540	102	13	0	0	250	60	7,810	3,937	357	2	2	6.40%	5.00%	6.91%	2.59%	3.64%	0.00%	0.00%
230	11-3071.01	Transportation Managers*	Management Occupations	High school diploma or equivalent	12	1	490	67	14	4	1	133	16	5,310	1,669	288	4	1	9.02%	6.25%	9.23%	4.01%	4.86%	100.00%	100.00%
231	17-2199.02	Validation Engineers*	Architecture and Engineering Occupations	Bachelor's degree	11	1	500	42	10	0	0	191	32	7,930	564	136	6	1	5.76%	3.13%	6.31%	7.45%	7.35%	0.00%	0.00%
232	29-2056.00	Veterinary Technologists and Technicians	Healthcare Practitioners and Technical Occupations	Associate's degree	13	9	350	12	1	0	0	98	66	3,280	87	13	0	0	13.27%	13.64%	10.67%	13.79%	7.69%	0.00%	0.00%
233	51-8031.00	Water/Liquid Waste Treatment Plant/System Op.	Production Occupations	High school diploma or equivalent	15	0	580	9	2	0	0	128	18												