

## West Regional In-Demand Occupations Report

October 2017

Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry <sup>1</sup>	West Region					Statewide						West Regional Percentage Share of Statewide Numbers									
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMI)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth	2014 Statewide Employment	Statewide 4-Year OMI	No. of Employers (OMI)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMI 4-Year Trend Data	Number of OMI Employers	Forecast Data	Number of Employers Forecasted
1	13-2011.00	Accountants and Auditors	Business and Financial Operations Occupations	Bachelor's degree	124	29	3,550	632	67	0	0	1,438	336	41,300	16,236	668	1,312	18	8.62%	8.63%	8.60%	3.89%	10.03%	0.00%	0.00%
2	15-2011.00	Actuaries	Computer and Mathematical Occupations	Bachelor's degree	0	0	0	13	2	0	0	45	15	1,010	961	32	17	2	0.00%	0.00%	0.00%	1.35%	6.25%	0.00%	0.00%
3	11-3011.00	Administrative Services Managers	Management Occupations	Bachelor's degree	22	6	860	15	8	0	0	276	72	10,930	286	102	0	0	7.97%	8.33%	7.87%	5.24%	7.84%	0.00%	0.00%
4	17-2011.00	Aerospace Engineers	Architecture and Engineering Occupations	Bachelor's degree	39	0	1,370	139	13	0	0	129	0	4,510	1,997	71	321	3	30.23%	0.00%	30.38%	6.96%	18.31%	0.00%	0.00%
5	49-3011.00	Aircraft Mechanics and Service Technicians	Installation, Maintenance, and Repair Occupations	Certificate/Some college	0	0	0	26	5	75	1	98	22	3,210	161	33	410	4	0.00%	0.00%	0.00%	16.15%	15.15%	18.29%	25.00%
6	11-9041.00	Architectural and Engineering Managers	Management Occupations	Bachelor's degree	29	0	950	125	33	0	0	226	14	6,900	1,807	226	6	2	12.83%	0.00%	13.77%	6.92%	14.60%	0.00%	0.00%
7	51-2099.00	Assemblers and Fabricators, All Other	Production Occupations	High school diploma or equivalent	97	19	3,620	21	9	0	0	524	55	21,840	230	63	252	5	18.51%	34.55%	16.58%	9.13%	14.29%	0.00%	0.00%
8	27-4011.00	Audio and Video Equipment Technicians	Arts, Design, Entertainment, Sports, and Media Occupations	Certificate/Some college	0	0	0	6	4	0	0	41	14	1,410	91	39	3	1	0.00%	0.00%	0.00%	6.59%	10.26%	0.00%	0.00%
9	49-3021.00	Automotive Body and Related Repairers	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	27	8	840	9	3	0	0	210	58	6,630	43	19	10	1	12.86%	13.79%	12.67%	20.93%	15.79%	0.00%	0.00%
10	49-3023.00	Automotive Service Technicians and Mechanics	Installation, Maintenance, and Repair Occupations	Certificate/Some college	97	17	3,010	20	8	0	0	857	126	27,290	2,782	89	88	2	11.32%	13.49%	11.03%	0.72%	8.99%	0.00%	0.00%
11	53-6051.01	Aviation Inspectors*	Transportation and Material Moving Occupations	High school diploma or equivalent	4	0	140	4	1	0	0	21	1	770	82	11	40	2	19.05%	0.00%	18.18%	4.88%	9.09%	0.00%	0.00%
12	49-2091.00	Avionics Technicians	Installation, Maintenance, and Repair Occupations	Associate's degree	0	0	0	5	1	30	1	10	2	450	39	13	60	1	0.00%	0.00%	0.00%	12.82%	7.69%	50.00%	100.00%
13	43-3011.00	Bill and Account Collectors	Office and Administrative Support Occupations	High school diploma or equivalent	42	0	1,740	134	19	0	0	404	0	16,540	2,775	205	1,643	3	10.40%	0.00%	10.52%	4.83%	9.27%	0.00%	0.00%
14	43-3021.00	Billing and Posting Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	63	26	1,790	78	9	0	0	817	304	24,540	1,541	144	6	1	7.71%	8.55%	7.29%	5.06%	6.25%	0.00%	0.00%
15	11-9041.01	Biofuels/Biodiesel Technology & Product Development Managers*	Management Occupations	Bachelor's degree	29	0	950	125	33	0	0	226	14	6,900	1,807	226	1	1	12.83%	0.00%	13.77%	6.92%	14.60%	0.00%	0.00%
16	19-4021.00	Biological Technicians	Life, Physical, and Social Science Occupations	Bachelor's degree	0	0	0	73	11	3	1	117	30	3,120	1,404	76	3	1	0.00%	0.00%	0.00%	5.20%	14.47%	100.00%	100.00%
17	17-2031.00	Biomedical Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	13	4	0	0	25	8	640	163	35	54	4	0.00%	0.00%	0.00%	7.98%	11.43%	0.00%	0.00%
18	43-3031.00	Bookkeeping, Accounting, and Auditing Clerks	Office and Administrative Support Occupations	Certificate/Some college	58	0	5,960	173	47	0	0	640	0	65,250	3,809	550	206	7	9.06%	0.00%	9.13%	4.54%	8.55%	0.00%	0.00%
19	49-3031.00	Bus & Truck Mechanics & Diesel Engine Spec.	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	39	16	1,360	319	16	2	1	325	118	12,040	3,078	148	124	7	12.00%	13.56%	11.30%	10.36%	10.81%	1.61%	14.29%
20	53-3022.00	Bus Drivers, School or Special Client	Transportation and Material Moving Occupations	High school diploma or equivalent	16	1	1,110	15	5	0	0	282	106	13,420	325	40	25	1	5.67%	0.94%	8.27%	4.62%	12.50%	0.00%	0.00%
21	15-1199.08	Business Intelligence Analysts*	Computer and Mathematical Occupations	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	156	2	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
22	13-1199.00	Business Operations Specialists, All Other	Business and Financial Operations Occupations	Bachelor's degree	43	0	3,580	315	36	0	0	374	67	25,760	5,151	311	6	1	11.50%	0.00%	13.90%	6.12%	11.58%	0.00%	0.00%
23	47-2031.00	Carpenters	Construction and Extraction Occupations	High school diploma or equivalent	40	18	1,880	4	3	104	3	623	287	29,210	130	43	676	15	6.42%	6.27%	6.44%	3.08%	6.98%	15.38%	20.00%
24	47-2051.00	Cement Masons and Concrete Finishers	Construction and Extraction Occupations	Less Than High School	7	3	360	0	0	40	1	91	35	4,640	16	6	144	5	7.69%	8.57%	7.76%	0.00%	0.00%	27.78%	20.00%
25	17-2041.00	Chemical Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	65	5	3	1	40	4	1,310	447	67	44	10	0.00%	0.00%	0.00%	14.54%	7.46%	6.82%	10.00%
26	51-9011.00	Chemical Equipment Operators/Tenders	Production Occupations	High school diploma or equivalent	3	0	100	0	0	0	0	94	0	3,000	2	2	19	1	3.19%	0.00%	3.33%	0.00%	0.00%	0.00%	0.00%
27	51-8091.00	Chemical Plant and System Operators	Production Occupations	High school diploma or equivalent	0	0	0	20	3	0	0	70	0	1,850	144	29	33	3	0.00%	0.00%	0.00%	13.89%	10.34%	0.00%	0.00%
28	19-2031.00	Chemists	Life, Physical, and Social Science Occupations	Bachelor's degree	5	0	210	72	9	0	0	85	4	3,680	760	84	58	4	5.88%	0.00%	5.71%	9.47%	10.71%	0.00%	0.00%
29	21-1021.00	Child, Family, and School Social Workers	Community and Social Service Occupations	Bachelor's degree	22	5	700	26	7	0	0	334	71	10,920	371	65	69	3	6.59%	7.04%	6.41%	7.01%	10.77%	0.00%	0.00%
30	17-2051.00	Civil Engineers	Architecture and Engineering Occupations	Bachelor's degree	27	6	720	51	10	0	0	286	63	7,550	488	95	33	5	9.44%	9.52%	9.54%	10.45%	10.53%	0.00%	0.00%
31	13-1031.00	Claims Adjusters, Examiners, and Investigators	Business and Financial Operations Occupations	High school diploma or equivalent	8	0	350	37	2	2	1	312	11	12,150	2,495	88	1,581	4	2.56%	0.00%	2.88%	1.48%	2.27%	0.13%	25.00%
32	19-3031.00	Clinical, Counseling, and School Psychologists	Life, Physical, and Social Science Occupations	Doctoral or professional degree	20	11	430	7	3	0	0	189	94	4,450	263	30	23	3	10.58%	11.70%	9.66%	2.66%	10.00%	0.00%	0.00%
33	53-2012.00	Commercial Pilots	Transportation and Material Moving Occupations	High school diploma or equivalent	11	2	350	6	4	0	0	144	65	3,260	50	21	12	1	7.64%	3.08%	10.74%	12.00%	19.05%	0.00%	0.00%
34	13-1041.00	Compliance Officers*	Business and Financial Operations Occupations	Bachelor's degree	11	3	540	44	14	2	1	120	28	6,570	872	160	2	1	9.17%	10.71%	8.22%	5.05%	8.75%	100.00%	100.00%
35	15-1111.00	Computer & Information Research Scientists	Computer and Mathematical Occupations	Doctoral or professional degree	0	0	0	139	8	2	1	3	0	230	503	55	13	3	0.00%	0.00%	0.00%	27.63%	14.55%	15.38%	33.33%
36	11-3021.00	Computer and Information Systems Managers	Management Occupations	Bachelor's degree	38	22	1,380	457	32	0	0	359	213	12,410	7,000	316	4	2	10.58%	10.33%	11.12%	6.53%	10.13%	0.00%	0.00%
37	17-2061.00	Computer Hardware Engineers	Architecture and Engineering Occupations	Bachelor's degree	4	0	200	29	12	0	0	19	3	760	554	64	11	2	21.05%	0.00%	26.32%	5.23%	18.75%	0.00%	0.00%
38	15-1143.00	Computer Network Architects	Computer and Mathematical Occupations	Bachelor's degree	6	2	300	38	14	0	0	96	27	5,390	1,503	156	0	0	6.25%	7.41%	5.57%	2.53%	8.97%	0.00%	0.00%
39	15-1152.00	Computer Network Support Specialists	Computer and Mathematical Occupations	Associate's degree	14	5	700	7	3	0	0	148	49	7,710	184	52	4	1	9.46%	10.20%	9.08%	3.80%	5.77%	0.00%	0.00%
40	51-4012.00	Computer Numerically Controlled Machine Tool Prog., M/P	Production Occupations	High school diploma or equivalent	13	5	270	34	10	0	0	67	25	1,380	110	41	31	2	19.40%	20.00%	19.57%	30.91%	24.39%	0.00%	0.00%
41	15-1131.00	Computer Programmers	Computer and Mathematical Occupations	Bachelor's degree	14	0	560	220	35	0	0	184	0	7,490	5,370	312	358	9	7.61%	0.00%	7.98%	4.01%	11.22%	0.00%	0.00%
42	15-1121.00	Computer Systems Analysts	Computer and Mathematical Occupations	Bachelor's degree	77	47	2,370	1,245	49	3	1	978	599	29,440	27,229	447	571	6	7.87%	7.85%	8.05%	4.57%	10.96%	0.53%	16.67%
43	15-1199.02	Computer Systems Engineers/Architects*	Computer and Mathematical Occupations	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	61	4	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
44	15-1151.00	Computer User Support Specialists	Computer and Mathematical Occupations	Certificate/Some college	50	26	1,900	806	65	0	0	459	225	18,150	15,091	622	36	7	10.89%	11.56%	10.47%	5.34%	10.45%	0.00%	0.00%
45	51-4011.00	Computer-Controlled Machine Tool Oper., M/P	Production Occupations	High school diploma or equivalent	0	0	0	96	25	140	1	608	230	12,430	715	134	173	4	0.00%	0.00%	0.00%	13.43%	18.66%	80.92%	25.00%
46	47-2061.00	Construction Laborers	Construction and Extraction Occupations	Less Than High School	88	34	2,690	6	3	91	3	1,129	411	35,980	346	61	998	7	7.79%	8.27%	7.48%	1.73%	4.92%	9.12%	42.86%
47	11-9021.00	Construction Managers	Management Occupations	Bachelor's degree	20	4	1,170	35	10	46	2	271	73	14,170	810	122	258	11	7.38%	5.48%	8.26%	4.32%	8.20%	17.83%	18.18%
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October 2017

Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry <sup>1</sup>	West Region						Statewide						West Regional Percentage Share of Statewide Numbers								
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMI)	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 (OMI)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMI 4-Year Trend Data	Number of OMI Employers	Forecast Data	Number of Employers Forecasted
89	41-1011.00	First-Line Superv./Mgrs of Retail Sales Workers	Sales and Related Occupations	High school diploma or equivalent	149	10	6,220	826	11	0	0	1,274	44	55,030	16,081	207	5	1	11.70%	22.73%	11.30%	5.14%	5.31%	0.00%	0.00%
90	53-1031.00	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	Transportation and Material Moving Occupations	High school diploma or equivalent	31	2	910	244	41	0	1	292	19	8,510	5,922	364	5	1	10.62%	10.53%	10.69%	4.12%	11.26%	0.00%	100.00%
91	19-1012.00	Food Scientists and Technologists	Life, Physical, and Social Science Occupations	Bachelor's degree	0	0	0	11	6	0	0	26	2	680	280	42	1	1	0.00%	0.00%	0.00%	3.93%	14.29%	0.00%	0.00%
92	11-9051.00	Food Service Managers	Management Occupations	High school diploma or equivalent	34	5	1,450	9	3	0	0	333	52	13,970	1,645	57	60	1	10.21%	9.62%	10.38%	0.55%	5.26%	0.00%	0.00%
93	11-1021.00	General and Operations Managers	Management Occupations	Bachelor's degree	174	19	6,130	350	46	0	0	1,904	296	63,520	9,384	439	67	9	9.14%	6.42%	9.65%	3.73%	10.48%	0.00%	0.00%
94	27-1024.00	Graphic Designers	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	24	2	940	79	15	0	0	244	10	9,860	1,081	194	2	1	9.84%	20.00%	9.53%	7.31%	7.73%	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	134	33	0	0	24	4	670	1,787	281	6	4	0.00%	0.00%	0.00%	7.50%	11.74%	0.00%	0.00%
96	29-2099.00	Health Technologists and Technicians, All Other	Healthcare Practitioners and Technical Occupations	High school diploma or equivalent	11	7	390	122	5	0	0	151	105	4,670	1,830	61	0	0	7.28%	6.67%	8.35%	6.67%	8.20%	0.00%	0.00%
97	21-1022.00	Healthcare Social Workers	Community and Social Service Occupations	Master's degree	32	14	740	109	8	0	0	282	116	6,900	1,456	74	0	0	11.35%	12.07%	10.72%	7.49%	10.81%	0.00%	0.00%
98	31-9099.00	Healthcare Support Workers, All Other	Healthcare Support Occupations	High school diploma or equivalent	8	2	300	77	3	0	0	102	37	3,100	1,658	61	33	3	7.84%	5.41%	9.68%	4.64%	4.92%	0.00%	0.00%
99	49-9021.00	Heating, AC, & Refrigeration Mechanics/Installers	Installation, Maintenance, and Repair Occupations	Certificate/Some college	42	20	1,420	77	15	12	2	298	147	9,890	3,534	76	188	7	14.09%	13.61%	14.36%	21.81%	19.74%	6.38%	28.57%
100	53-3032.00	Truck Drivers, Heavy and Tractor-Trailer	Transportation and Material Moving Occupations	Certificate/Some college	193	40	9,000	990	30	109	2	1,597	353	73,110	16,734	228	1,873	14	12.09%	11.33%	12.31%	5.92%	13.16%	5.82%	14.29%
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	3	2	110	9	1	16	1	34	20	1,110	76	6	159	2	8.82%	10.00%	9.91%	11.84%	16.67%	10.06%	50.00%
103	51-9198.00	Helpers—Production Workers	Production Occupations	Less Than High School	88	0	2,700	307	37	40	1	665	0	20,390	1,812	280	160	8	13.23%	0.00%	13.24%	16.94%	13.21%	25.00%	12.50%
104	43-4161.00	Human Resources Assis., ex. Payroll & Timekp	Office and Administrative Support Occupations	Associate's degree	5	0	480	62	30	0	0	56	0	4,990	1,516	299	1	1	8.93%	0.00%	9.62%	4.09%	10.03%	0.00%	0.00%
105	11-3121.00	Human Resources Managers	Management Occupations	Bachelor's degree	12	2	350	397	68	3	1	163	37	4,320	5,848	575	7	3	7.36%	5.41%	8.10%	6.79%	11.83%	42.86%	33.33%
106	13-1071.00	Human Resources Specialists	Business and Financial Operations Occupations	Bachelor's degree	66	10	2,310	134	34	0	0	452	58	16,180	3,720	339	9	3	14.60%	17.24%	14.28%	3.60%	10.03%	0.00%	0.00%
107	17-2112.00	Industrial Engineers	Architecture and Engineering Occupations	Bachelor's degree	54	4	1,720	2,004	88	4	1	366	23	11,710	19,962	606	31	5	14.75%	17.39%	14.69%	10.04%	14.52%	12.90%	20.00%
108	49-9041.00	Industrial Machinery Mechanics	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	77	34	1,650	147	31	0	0	736	301	16,780	1,121	235	76	11	10.46%	11.30%	9.83%	13.11%	13.19%	0.00%	0.00%
109	11-3051.00	Industrial Production Managers	Management Occupations	Bachelor's degree	39	0	1,370	144	34	1	1	346	0	12,210	1,207	265	27	10	11.27%	0.00%	11.22%	11.93%	12.83%	3.70%	10.00%
110	53-7051.00	Industrial Truck and Tractor Operators	Transportation and Material Moving Occupations	Less Than High School	70	5	2,590	139	18	3	1	630	13	24,790	1,864	147	55	3	11.11%	38.46%	10.45%	7.46%	12.24%	5.45%	33.33%
111	15-1122.00	Information Security Analysts	Computer and Mathematical Occupations	Bachelor's degree	0	0	0	259	18	0	0	55	30	1,920	3,723	186	230	4	0.00%	0.00%	0.00%	5.48%	9.68%	0.00%	0.00%
112	15-1199.00	Information Technology Project Managers*	Computer and Mathematical Occupations	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	388	8	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
113	51-9061.00	Inspectors, Testers, Sorters, Samplers, and Weighers	Production Occupations	High school diploma or equivalent	73	3	2,790	94	29	0	0	621	0	24,710	1,139	237	18	4	11.76%	0.00%	11.29%	8.25%	12.24%	0.00%	0.00%
114	25-9031.01	Instructional Designers and Technologists*	Education, Training, and Library Occupations	Master's degree	4	2	200	16	6	0	0	48	23	2,560	527	82	1	1	8.33%	8.70%	7.81%	3.04%	7.32%	0.00%	0.00%
115	43-9041.00	Insurance Claims and Policy Processing Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	43	8	1,410	23	3	0	0	511	74	17,460	427	61	400	1	8.41%	10.81%	8.08%	5.39%	4.92%	0.00%	0.00%
116	41-3021.00	Insurance Sales Agents	Sales and Related Occupations	High school diploma or equivalent	56	15	1,560	243	10	0	0	581	110	17,940	3,245	102	0	0	9.64%	13.64%	8.70%	7.49%	9.80%	0.00%	0.00%
117	13-2053.00	Insurance Underwriters	Business and Financial Operations Occupations	Bachelor's degree	2	0	110	7	1	0	0	93	0	4,930	851	46	282	4	2.15%	0.00%	2.23%	0.82%	2.17%	0.00%	0.00%
118	29-1063.00	Internists, General	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	8	2	220	30	4	0	0	81	21	2,220	795	58	3	1	9.88%	9.52%	9.91%	3.77%	6.90%	0.00%	0.00%
119	27-3091.00	Interpreters and Translators	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	18	12	400	40	9	0	0	91	56	2,200	264	44	0	0	19.78%	21.43%	18.18%	15.15%	20.45%	0.00%	0.00%
120	43-4111.00	Interviewers, Except Eligibility and Loan	Office and Administrative Support Occupations	High school diploma or equivalent	13	1	500	130	5	0	0	274	61	9,330	2,518	69	0	0	4.74%	1.64%	5.36%	5.16%	7.25%	0.00%	0.00%
121	23-1011.00	Lawyers	Legal Occupations	Doctoral or professional degree	28	7	1,450	85	9	0	0	406	111	20,180	1,659	142	0	0	6.90%	6.31%	7.19%	5.12%	6.34%	0.00%	0.00%
122	29-2061.00	Licensed Practical and Licensed Vocational Nurses	Healthcare Practitioners and Technical Occupations	Certificate/Some college	199	81	4,140	344	8	0	0	1,930	800	39,730	4,943	97	107	6	10.31%	10.13%	10.42%	6.96%	8.25%	0.00%	0.00%
123	53-3033.00	Truck Drivers, Light or Delivery Services	Transportation and Material Moving Occupations	High school diploma or equivalent	63	4	3,490	116	15	0	0	624	56	33,410	6,001	177	406	4	10.10%	7.14%	10.45%	1.93%	8.47%	0.00%	0.00%
124	43-4131.00	Loan Interviewers and Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	33	12	1,380	3	3	0	0	205	61	9,380	782	62	35	4	16.10%	19.67%	14.71%	0.38%	4.84%	0.00%	0.00%
125	13-2072.00	Loan Officers	Business and Financial Operations Occupations	Bachelor's degree	28	9	1,140	27	4	9	2	298	89	12,550	7,587	73	182	6	9.40%	10.11%	9.08%	0.36%	5.48%	4.95%	33.33%
126	13-1081.00	Logisticians*	Business and Financial Operations Occupations	Bachelor's degree	17	0	1,230	91	25	0	0	89	9	5,790	1,686	228	17	2	19.10%	0.00%	21.24%	5.40%	10.96%	0.00%	0.00%
127	13-1081.02	Logistics Analysts*	Business and Financial Operations Occupations	Bachelor's degree	17	0	1,230	91	25	0	0	89	9	5,790	1,686	228	3	1	19.10%	0.00%	21.24%	5.40%	10.96%	0.00%	0.00%
128	11-9199.08	Loss Prevention Managers*	Management Occupations	High school diploma or equivalent	70	6	2,900	428	41	0	0	762	118	29,190	8,360	452	0	0	9.19%	5.08%	9.93%	5.12%	9.07%	0.00%	0.00%
129	51-4041.00	Machinists	Production Occupations	High school diploma or equivalent	171	42	4,450	204	40	41	2	1,150	304	29,270	1,586	217	633	20	14.87%	13.82%	15.20%	12.86%	18.43%	6.48%	10.00%
130	29-2035.00	Magnetic Resonance Imaging Technologists	Healthcare Practitioners and Technical Occupations	Associate's degree	4	1	160	26	4	0	0	49	20	1,520	252	41	1	1	8.16%	5.00%	10.53%	10.32%	9.76%	0.00%	0.00%
131	49-9071.00	Maintenance and Repair Workers, General	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	176	33	5,470	709	84	18	2	1,638	247	53,070	7,176	638	460	19	10.74%	13.36%	10.31%	9.88%	13.17%	3.91%	10.53%
132	49-9043.00	Maintenance Workers, Machinery	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	13	5	500	0	0	5	1	104	33	4,420	12	6	116	18	12.50%	15.15%	11.31%	0.00%	0.00%	4.31%	5.56%
133	13-1111.00	Management Analysts	Business and Financial Operations Occupations	Bachelor's degree	60	23	2,650	872	38	253	2	624	290	24,080	30,314	369	500	3	9.62%	7.93%	11.00%	2.88%	10.30%	50.60%	66.67%
134	11-9199.00	Managers, All Other	Management Occupations	Bachelor's degree	70	6	2,900	428	41	1	1	762	118	29,190	8,360	452	46	8	9.19%	5.08%	9.93%	5.12%	9.07%	2.17%	12.50%
135	17-2199.04	Manufacturing Engineers*	Architecture and Engineering Occupations	Bachelor's degree																					



# West Regional In-Demand Occupations Report

October 2017

Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry <sup>1</sup>	West Region										Statewide					West Regional Percentage Share of Statewide Numbers					
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMI)	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 (OMI)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMI 4-Year Trend Data	Number of OMI Employers	Forecast Data	Number of Employers Forecasted
					2017	%	2014	2017	2017	2017	2017	2017	%	2014	2017	%	2017	2017	2017	2017	%	2014	2017	%	2017
177	41-2022.00	Parts Salespersons	Sales and Related Occupations	Less Than High School	37	9	1,250	3	2	0	0	285	53	10,440	631	13	1	12.98%	16.98%	11.97%	0.48%	15.38%	0.00%	0.00%	
178	43-3051.00	Payroll and Timekeeping Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	15	0	560	26	15	0	0	182	0	6,790	489	165	3	8.24%	0.00%	8.25%	5.32%	9.09%	0.00%	0.00%	
179	13-2052.00	Personal Financial Advisors	Business and Financial Operations Occupations	Bachelor's degree	0	0	0	70	4	0	0	0	0	1,052	59	6	2	0.00%	0.00%	0.00%	6.65%	6.78%	0.00%	0.00%	
180	29-1051.00	Pharmacists	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	30	4	1,090	120	6	0	0	314	39	11,770	5,904	82	170	9.55%	10.26%	9.26%	2.03%	7.32%	0.00%	0.00%	
181	31-9097.00	Phlebotomists	Healthcare Support Occupations	Certificate/Some college	33	18	720	102	6	0	0	190	88	4,890	2,043	50	100	17.37%	20.45%	14.72%	4.99%	12.00%	0.00%	0.00%	
182	31-2021.00	Physical Therapist Assistants	Healthcare Support Occupations	Associate's degree	38	22	540	72	5	0	0	339	195	4,990	1,137	49	0	11.21%	11.28%	10.82%	6.33%	10.20%	0.00%	0.00%	
183	29-1123.00	Physical Therapists	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	39	20	720	133	7	90	1	423	222	7,500	3,519	78	111	9.22%	9.01%	9.60%	3.78%	8.97%	81.08%	33.33%	
184	29-1071.00	Physician Assistants	Healthcare Practitioners and Technical Occupations	Master's degree	20	12	340	57	6	0	0	106	59	2,090	3,394	64	14	18.87%	20.34%	16.27%	1.68%	9.38%	0.00%	0.00%	
185	29-1069.00	Physicians and Surgeons, All Other	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	73	29	1,630	69	5	0	0	710	255	16,910	2,119	67	665	10.28%	11.37%	9.64%	3.26%	7.46%	0.00%	0.00%	
186	47-2152.00	Plumbers, Pipefitters, and Steamfitters	Construction and Extraction Occupations	High school diploma or equivalent	23	9	1,080	20	2	21	2	339	148	14,440	131	31	366	6.78%	6.08%	7.48%	15.27%	6.45%	5.74%	50.00%	
187	51-9199.00	Production Workers, All Other	Production Occupations	High school diploma or equivalent	17	0	840	37	17	8	1	310	42	13,070	388	125	867	5.48%	0.00%	6.43%	9.54%	13.60%	0.92%	7.14%	
188	43-5061.00	Production, Planning, and Expediting Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	43	5	1,420	278	49	0	0	412	49	13,390	2,208	340	25	10.44%	10.20%	10.60%	12.59%	14.41%	0.00%	0.00%	
189	11-9141.00	Property, Real Estate & Community Assn Mgrs	Management Occupations	High school diploma or equivalent	23	7	940	7	6	0	0	237	58	10,300	564	93	0	9.70%	12.07%	9.13%	1.24%	6.45%	0.00%	0.00%	
190	29-1066.00	Psychiatrists	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	0	0	0	20	4	0	0	63	27	1,360	319	55	110	0.00%	0.00%	0.00%	6.27%	7.27%	0.00%	0.00%	
191	27-3031.00	Public Relations Specialists	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	10	4	540	196	26	0	0	132	40	7,710	2,676	334	3	7.58%	10.00%	7.00%	7.32%	7.78%	0.00%	0.00%	
192	13-1023.00	Purchasing Agents, ex. Wholesale, Retail, & Farm	Business and Financial Operations Occupations	Bachelor's degree	63	0	2,300	247	49	0	0	342	0	12,450	3,563	393	20	18.42%	0.00%	18.47%	6.93%	12.47%	0.00%	0.00%	
193	11-3061.00	Purchasing Managers	Management Occupations	Bachelor's degree	8	0	360	209	32	375	1	68	2	20,780	3,537	283	383	5	11.76%	0.00%	12.95%	5.91%	11.31%	97.91%	20.00%
194	19-4099.01	Quality Control Analysts*	Life, Physical, and Social Science Occupations	Associate's degree	13	1	280	45	5	0	0	73	8	1,560	173	61	68	5	17.81%	12.50%	17.95%	26.01%	8.20%	0.00%	0.00%
195	29-2034.00	Radiologic Technologists	Healthcare Practitioners and Technical Occupations	Associate's degree	25	7	940	201	5	15	1	259	88	9,050	3,993	67	93	2	9.65%	7.95%	10.39%	5.03%	7.46%	16.13%	50.00%
196	29-1141.00	Registered Nurses	Healthcare Practitioners and Technical Occupations	Bachelor's degree	516	216	12,720	2,602	16	1,050	1	4,833	1,777	129,550	29,481	206	15,260	26	10.68%	12.16%	9.82%	8.83%	7.77%	6.88%	3.85%
197	13-1047.00	Regulatory Affairs Specialists*	Business and Financial Operations Occupations	Bachelor's degree	11	3	540	44	14	0	0	120	28	6,570	872	160	2	9.17%	10.71%	8.22%	5.05%	8.75%	0.00%	0.00%	
198	39-9041.00	Residential Advisors	Personal Care & Services	High school diploma or equivalent	0	0	0	1	1	0	0	131	53	2,570	10	8	0	0.00%	0.00%	0.00%	10.00%	12.50%	0.00%	0.00%	
199	29-1126.00	Respiratory Therapists	Healthcare Practitioners and Technical Occupations	Associate's degree	17	5	530	190	5	0	0	194	56	5,880	2,677	57	57	8.76%	8.93%	9.01%	7.10%	8.77%	0.00%	0.00%	
200	17-2199.08	Robotics Engineers*	Architecture and Engineering Occupations	Bachelor's degree	39	0	1,920	125	25	0	0	191	32	7,930	564	136	12	20.42%	0.00%	24.21%	22.16%	18.38%	0.00%	0.00%	
201	41-9031.00	Sales Engineers	Sales and Related Occupations	Bachelor's degree	9	1	310	114	22	6	3	91	13	3,030	2,806	192	43	9.89%	7.69%	10.23%	4.06%	11.46%	13.95%	27.27%	
202	11-2022.00	Sales Managers	Management Occupations	Bachelor's degree	26	3	960	521	33	0	0	396	58	14,300	8,246	423	71	6.57%	5.17%	6.71%	6.32%	7.80%	0.00%	0.00%	
203	41-3099.00	Sales Representatives, Services, All Other	Sales and Related Occupations	High school diploma or equivalent	80	20	2,800	419	18	0	0	850	224	29,380	7,974	233	63	11	9.41%	8.93%	9.53%	5.25%	7.73%	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	79	6	3,530	650	37	0	0	1,202	199	48,760	7,580	389	19	4	6.57%	3.02%	7.24%	8.58%	9.51%	0.00%	0.00%
205	41-4011.00	Sales Rep., Wholesale & Mfg. Tech./Sci. Prod.	Sales and Related Occupations	Bachelor's degree	46	10	1,750	177	22	0	0	610	132	23,220	11,666	278	56	7	7.54%	7.58%	7.54%	1.52%	7.91%	0.00%	0.00%
206	15-1199.10	Search Marketing Strategists*	Computer and Mathematical Occupations	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	18	1	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
207	43-6014.00	Secretaries, Except Legal, Medical, and Executive	Office and Administrative Support Occupations	High school diploma or equivalent	98	18	7,550	106	35	0	0	939	158	74,040	1,801	341	13	4	10.44%	11.39%	10.20%	5.89%	10.26%	0.00%	0.00%
208	41-3031.00	Securities/Commodities/Fin. Serv. Sales Agents	Sales and Related Occupations	Bachelor's degree	16	5	660	201	9	0	0	272	79	11,200	13,650	142	500	2	5.88%	6.33%	5.89%	1.47%	6.34%	0.00%	0.00%
209	25-3021.00	Self-Enrichment Education Teachers	Education, Training, and Library Occupations	High school diploma or equivalent	25	11	750	1	1	0	0	300	118	9,630	7	4	0	0	8.33%	9.32%	7.79%	14.29%	25.00%	0.00%	0.00%
210	47-2211.00	Sheet Metal Workers	Construction and Extraction Occupations	High school diploma or equivalent	10	2	380	7	1	75	2	126	25	4,690	67	20	145	2	7.94%	8.00%	8.10%	10.45%	5.00%	51.72%	100.00%
211	43-5071.00	Shipping, Receiving, and Traffic Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	86	0	3,960	123	25	0	0	827	32	36,600	1,540	245	36	2	10.40%	0.00%	10.82%	7.99%	10.20%	0.00%	0.00%
212	11-9151.00	Social and Community Service Managers	Management Occupations	Bachelor's degree	20	5	550	85	9	0	0	156	34	4,590	682	103	51	3	12.82%	14.71%	11.98%	12.46%	8.74%	0.00%	0.00%
213	21-1093.00	Social and Human Service Assistants	Community and Social Service Occupations	High school diploma or equivalent	40	13	1,390	1,025	11	0	0	332	106	11,510	4,771	157	213	3	12.05%	12.26%	12.08%	21.48%	7.01%	0.00%	0.00%
214	15-1132.00	Software Developers, Applications	Computer and Mathematical Occupations	Bachelor's degree	82	46	2,530	1,214	40	0	0	836	467	25,840	17,133	357	1,799	26	9.81%	9.85%	9.79%	7.09%	11.20%	0.00%	0.00%
215	15-1133.00	Software Developers, Systems Software	Computer and Mathematical Occupations	Bachelor's degree	11	5	440	200	22	0	0	120	42	5,430	1,480	128	344	7	9.17%	11.90%	8.10%	13.51%	17.19%	0.00%	0.00%
216	15-1199.01	Software Quality Assurance Engineers and Testers*	Computer and Mathematical Occupations	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	211	6	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
217	29-1127.00	Speech-Language Pathologists	Healthcare Practitioners and Technical Occupations	Master's degree	29	14	580	52	4	0	0	269	135	5,320	1,670	50	0	0	10.78%	10.37%	10.90%	3.11%	8.00%	0.00%	0.00%
218	15-2041.00	Statisticians	Computer and Mathematical Occupations	Master's degree	0	0	0	31	8	0	0	44	28	880	474	68	6	1	0.00%	0.00%	0.00%	6.54%	11.76%	0.00%	0.00%
219	47-2221.00	Structural Iron and Steel Workers	Construction and Extraction Occupations	High school diploma or equivalent	3	0	200	0	0	55	1	38	2	2,190	16	5	99	2	7.89%	0.00%	9.13%	0.00%	0.00%	55.56%	50.00%
220	21-1011.00	Substance Abuse and Behavioral Disorder Counselors	Community and Social Service	Bachelor's degree	19	11	380	31	6	0	0	106	51	2,650	381	57	65	3	17.92%	21.57%	14.34%	8.14%	10.53%	0.00%	0.00%
221	11-9199.04	Supply Chain Managers*	Management Occupations	High school diploma or equivalent	70	6	2,900	428	41	0	0	762	118	29,190	8,360	452	0	0	9.19%	5.08%	9.93%	5.12%	9.07%	0.00%	0.00%
222	29-2099.07	Surgical Assistants*	Healthcare Practitioners and Technical Occupations	Certificate/Some College	11	7	390	122	5	0	0	151	105	4,670	1,830	61	15	1	7.28%	6.67%	8.35%	6.67%	8.20%	0.00%	0.00%
223	29-2055.00																								