

NORTHWEST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
00-0000	Total, All Occupations	29,750	31,840	2,090	7.0%	9,150	\$16.09	
11-1021	General and Operations Managers	450	450	-10	-1.1%	130	\$38.43	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	30	30	0	6.3%	10	\$19.37	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	80	90	10	10.0%	20	\$38.52	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	20	20	0	0.0%	10	\$28.38	Work experience in a related occupation
11-9021	Construction Managers	80	90	10	16.9%	20	\$28.62	Bachelor's degree
11-9032	Education Administrators, Elementary and Secondary School	90	90	0	1.1%	30	N/A	Bachelor's or higher degree, plus work experience
11-9081	Lodging Managers	40	40	0	4.8%	10	N/A	Work experience in a related occupation
11-9111	Medical and Health Services Managers	50	60	0	1.9%	10	\$29.80	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	50	40	-10	-19.1%	10	\$25.56	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	30	40	10	16.1%	10	N/A	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	40	50	10	14.6%	20	\$26.09	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	100	100	0	1.0%	30	\$19.08	Long-term on-the-job training
13-1111	Management Analysts	30	40	10	16.1%	10	\$31.11	Bachelor's or higher degree, plus work experience
13-1199	Business Operations Specialists, All Other	40	40	10	14.3%	10	\$25.23	Bachelor's degree
13-2011	Accountants and Auditors	170	190	20	13.9%	50	\$21.29	Bachelor's degree
13-2072	Loan Officers	110	120	10	7.9%	20	\$26.12	Moderate-term on-the-job training
15-1041	Computer Support Specialists	40	40	0	2.6%	10	N/A	Associate degree
15-1071	Network and Computer Systems Administrators	30	30	0	10.0%	10	N/A	Bachelor's degree
17-2112	Industrial Engineers	20	20	10	40.0%	10	N/A	Bachelor's degree
17-3023	Electrical and Electronic Engineering Technicians	20	20	0	-5.9%	0	\$26.70	Associate degree
21-1012	Educational, Vocational, and School Counselors	30	30	0	6.9%	10	\$13.53	Master's degree
21-1021	Child, Family, and School Social Workers	60	60	0	1.8%	20	\$16.19	Bachelor's degree
25-1000	Postsecondary Teachers	230	250	20	8.6%	60	N/A	
25-2021	Elementary School Teachers, Except Special Education	440	470	30	7.0%	130	N/A	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	160	170	10	6.5%	50	N/A	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	340	340	0	0.3%	100	N/A	Bachelor's degree
25-3099	Teachers and Instructors, All Other	100	110	10	8.9%	30	N/A	Bachelor's degree
25-4031	Library Technicians	50	50	0	4.4%	20	\$9.13	Postsecondary vocational training
25-9041	Teacher Assistants	240	250	10	2.1%	60	N/A	Short-term on-the-job training
27-3041	Editors	20	10	0	-12.5%	0	N/A	Bachelor's degree
29-1011	Chiropractors	40	40	0	7.7%	10	\$47.17	First professional degree
29-1051	Pharmacists	50	60	10	18.5%	20	\$40.03	First professional degree
29-1111	Registered Nurses	270	290	20	5.5%	60	\$25.42	Associate degree
29-1131	Veterinarians	50	60	10	26.1%	20	\$39.39	First professional degree
29-2011	Medical and Clinical Laboratory Technologists	20	20	0	0.0%	0	\$23.62	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	20	20	0	0.0%	0	\$16.68	Associate degree
29-2021	Dental Hygienists	30	40	10	16.1%	10	N/A	Associate degree
29-2034	Radiologic Technologists and Technicians	40	40	0	0.0%	10	N/A	Associate degree
29-2052	Pharmacy Technicians	90	110	30	34.1%	50	\$11.43	Moderate-term on-the-job training
29-2056	Veterinary Technologists and Technicians	20	30	10	20.8%	10	\$10.69	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	230	240	10	4.4%	80	\$15.67	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	30	40	0	2.9%	10	\$14.47	Associate degree
31-1012	Nursing Aides, Orderlies, and Attendants	510	520	10	2.4%	60	\$8.58	Postsecondary vocational training
31-9091	Dental Assistants	90	100	20	17.0%	30	N/A	Moderate-term on-the-job training
31-9092	Medical Assistants	80	90	10	12.8%	20	\$10.82	Moderate-term on-the-job training
31-9095	Pharmacy Aides	100	90	0	-3.1%	10	N/A	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	30	40	10	15.2%	10	\$10.98	Short-term on-the-job training
33-1012	First-Line Supervisors/Managers of Police and Detectives	20	20	0	6.7%	10	\$20.37	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	130	140	10	8.3%	50	\$17.47	Long-term on-the-job training
33-9032	Security Guards	40	40	0	-2.4%	10	\$9.78	Short-term on-the-job training
35-2011	Cooks, Fast Food	380	420	40	11.3%	140	\$7.88	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	190	180	-10	-4.2%	50	\$8.68	Moderate-term on-the-job training
35-2021	Food Preparation Workers	160	160	0	1.3%	60	\$8.63	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	630	740	110	17.4%	240	\$8.42	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	470	450	-20	-3.4%	90	\$9.20	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	450	470	10	3.1%	100	\$9.12	Short-term on-the-job training

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37-3011	Landscaping and Groundskeeping Workers	100	120	20	16.0%	30	\$11.26	Short-term on-the-job training
39-9041	Residential Advisors	50	50	0	-4.3%	20	\$12.86	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	440	470	30	6.6%	120	\$14.10	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	30	30	0	-3.8%	10	\$25.57	Work experience in a related occupation
41-2011	Cashiers	920	990	70	7.5%	480	\$8.40	Short-term on-the-job training
41-2031	Retail Salespersons	740	820	90	11.5%	290	\$9.35	Short-term on-the-job training
41-3021	Insurance Sales Agents	180	210	20	11.4%	60	N/A	Postsecondary vocational training
41-3031	Securities, Commodities, and Financial Services Sales Agents	20	20	0	6.7%	10	N/A	Bachelor's degree
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Sci	210	220	10	4.8%	60	\$28.05	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	220	230	10	6.0%	60	\$21.31	Work experience in a related occupation
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wor	230	240	10	6.2%	70	\$18.56	Work experience in a related occupation
43-2011	Switchboard Operators, Including Answering Service	40	40	0	-2.4%	10	\$8.61	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	150	160	10	4.0%	30	\$11.84	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	720	780	60	7.8%	140	\$13.08	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	40	30	-10	-17.9%	10	\$14.68	Moderate-term on-the-job training
43-3071	Tellers	140	140	10	3.7%	60	\$11.35	Short-term on-the-job training
43-4051	Customer Service Representatives	160	170	10	8.2%	60	\$14.84	Moderate-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	50	50	10	17.8%	20	\$8.43	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	20	20	0	4.5%	10	\$10.17	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	30	30	0	0.0%	10	\$12.94	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	20	20	0	0.0%	10	\$15.16	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	150	160	20	10.1%	60	\$9.73	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	60	80	10	21.9%	30	\$11.85	Moderate-term on-the-job training
43-5051	Postal Service Clerks	20	20	-10	-21.7%	10	\$25.49	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	120	110	-10	-7.3%	40	\$21.69	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	30	20	-10	-32.4%	0	\$13.67	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	40	40	0	-7.1%	10	\$12.01	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	170	190	10	8.0%	40	\$14.65	Work experience in a related occupation
43-6014	Secretaries, Except Legal, Medical, and Executive	470	470	0	-0.2%	60	\$12.15	Moderate-term on-the-job training
43-9061	Office Clerks, General	550	590	40	6.4%	110	\$10.84	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	630	610	-10	-2.2%	170	N/A	Short-term on-the-job training
45-3011	Fishers and Related Fishing Workers	30	30	0	-9.7%	10	N/A	Moderate-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	290	330	40	13.1%	90	\$30.81	Work experience in a related occupation
47-2051	Cement Masons and Concrete Finishers	40	50	10	14.3%	20	\$11.40	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	270	320	40	16.1%	90	\$17.06	Moderate-term on-the-job training
47-2111	Electricians	50	40	0	-2.2%	10	\$27.90	Long-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	220	240	20	9.0%	60	\$23.92	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	11.1%	10	\$20.16	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	630	690	70	10.5%	170	\$15.99	Moderate-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	130	140	10	4.7%	40	\$29.21	Work experience in a related occupation
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	180	200	20	10.9%	60	\$20.00	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	60	70	10	8.3%	20	N/A	Long-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	100	150	40	40.4%	60	N/A	Postsecondary vocational training
49-9041	Industrial Machinery Mechanics	100	120	20	24.0%	40	\$14.29	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	450	480	30	6.7%	100	N/A	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	70	70	0	-4.2%	30	\$25.37	Long-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	140	150	10	7.9%	30	\$26.05	Work experience in a related occupation
51-2092	Team Assemblers	40	50	10	32.5%	20	\$13.02	Moderate-term on-the-job training
51-4041	Machinists	100	90	0	-2.1%	10	\$16.16	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	520	570	60	10.7%	210	\$21.09	Postsecondary vocational training
51-5022	Prepress Technicians and Workers	20	10	0	-17.6%	0	N/A	Postsecondary vocational training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	110	160	60	52.3%	80	\$12.58	Long-term on-the-job training
51-8092	Gas Plant Operators	100	100	0	2.0%	30	N/A	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	210	220	10	4.9%	60	\$29.61	Long-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	90	100	10	12.2%	30	\$20.22	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	60	60	10	12.7%	20	\$11.14	Short-term on-the-job training
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	40	40	0	0.0%	10	\$24.76	Work experience in a related occupation

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53-3022	Bus Drivers, School	40	40	0	-9.8%	10	\$10.59	Moderate-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	790	890	100	13.2%	250	\$19.02	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	130	140	10	3.8%	30	\$16.44	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	260	320	50	20.1%	130	\$17.38	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	40	50	10	12.2%	20	\$16.19	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	600	610	10	1.7%	200	\$10.09	Short-term on-the-job training
53-7073	Wellhead Pumpers	110	100	-10	-8.4%	30	N/A	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	30	30	0	16.0%	10	\$12.94	Short-term on-the-job training