

WDA 6 North Central Occupational Projections, 2006-2016

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood counties)

Occupations that actually had employment=0 were deleted.

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Average Annual Openings			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages		
		2006	2016	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Avg. Ann. Salary ⁽⁵⁾	Entry Level Wage ⁽⁶⁾	Experienced Wage ⁽⁷⁾
00-0000	Total, All Occupations	206,980	223,040	16,060	7.8%	1,610	4,620	6,230		\$34,393	\$8.46	\$20.57
11-0000	Management Occupations	7,100	7,380	280	3.9%	30	160	190		\$77,834	\$17.15	\$47.56
11-1011	Chief Executives	320	300	-20	-6.3%	0	10	10	Bachelor's or higher degree, plus work experience	\$148,792	\$41.61	\$86.50
11-1021	General and Operations Managers	1,880	1,850	-30	-1.6%	0	50	50	Bachelor's or higher degree, plus work experience	\$86,645	\$22.33	\$51.32
11-1031	Legislators	470	440	-30	-6.4%	0	10	10	Bachelor's or higher degree, plus work experience	\$16,837	*	*
11-2011	Advertising and Promotions Managers	40	30	-10	-25.0%	0	<5	<5	Bachelor's or higher degree, plus work experience	\$62,662	\$18.66	\$35.86
11-2021	Marketing Managers	100	110	10	10.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$95,574	\$24.70	\$56.58
11-2022	Sales Managers	320	340	20	6.3%	<5	10	10	Bachelor's or higher degree, plus work experience	\$96,595	\$26.14	\$56.59
11-2031	Public Relations Managers	40	50	10	25.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$49,556	\$17.89	\$26.79
11-3011	Administrative Services Managers	230	250	20	8.7%	<5	10	10	Bachelor's or higher degree, plus work experience	\$65,982	\$19.74	\$37.71
11-3021	Computer and Information Systems Managers	280	310	30	10.7%	<5	10	10	Bachelor's or higher degree, plus work experience	\$88,734	\$26.57	\$50.70
11-3031	Financial Managers	400	430	30	7.5%	<5	10	10	Bachelor's or higher degree, plus work experience	\$98,243	\$27.43	\$57.13
11-3041	Compensation and Benefits Managers	50	50	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$75,947	\$19.71	\$44.92
11-3042	Training and Development Managers	30	30	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$81,616	\$24.12	\$46.80
11-3049	Human Resources Managers, All Other	60	70	10	16.7%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$94,669	\$30.26	\$53.14
11-3051	Industrial Production Managers	360	350	-10	-2.8%	0	10	10	Bachelor's or higher degree, plus work experience	\$87,423	\$21.02	\$52.54
11-3061	Purchasing Managers	90	90	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$79,048	\$25.12	\$44.45
11-3071	Transportation, Storage, and Distribution Managers	120	130	10	8.3%	<5	<5	<5	Work experience in a related occupation	\$84,537	\$24.34	\$48.79
11-9021	Construction Managers	180	200	20	11.1%	<5	<5	<5	Bachelor's degree	\$85,960	\$23.20	\$50.39
11-9031	Education Administrators, Preschool and Child Care Center/Program	80	90	10	12.5%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$34,248	\$13.12	\$18.14
11-9032	Education Administrators, Elementary and Secondary School	230	230	0	0.0%	<5	10	10	Bachelor's or higher degree, plus work experience	\$74,520	*	*
11-9033	Education Administrators, Postsecondary	180	190	10	5.6%	<5	10	10	Bachelor's or higher degree, plus work experience	\$72,153	\$23.44	\$40.32
11-9039	Education Administrators, All Other	30	30	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$55,013	\$21.17	\$29.09
11-9041	Engineering Managers	160	160	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$91,378	\$28.90	\$51.45
11-9051	Food Service Managers	250	260	10	4.0%	<5	10	10	Work experience in a related occupation	\$32,699	\$11.48	\$17.84
11-9061	Funeral Directors	60	70	10	16.7%	<5	<5	<5	Associate degree	\$71,640	\$23.25	\$40.04
11-9071	Gaming Managers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
11-9081	Lodging Managers	40	50	10	25.0%	<5	<5	<5	Work experience in a related occupation	\$45,373	\$12.34	\$26.55
11-9111	Medical and Health Services Managers	420	500	80	19.0%	10	10	20	Bachelor's or higher degree, plus work experience	\$72,479	\$25.36	\$39.59
11-9121	Natural Sciences Managers	20	20	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$75,701	\$32.23	\$38.48
11-9131	Postmasters and Mail Superintendents	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$55,855	\$20.68	\$29.94
11-9141	Property, Real Estate, and Community Association Managers	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$60,443	\$16.48	\$35.35

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Average Annual Openings			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages		
		2006	2016	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Avg. Ann. Salary ⁽⁵⁾	Entry Level Wage ⁽⁶⁾	Experienced Wage ⁽⁷⁾
11-9151	Social and Community Service Managers	180	200	20	11.1%	<5	<5	<5	Bachelor's degree	\$48,020	\$17.61	\$25.83
11-9199	Managers, All Other	420	450	30	7.1%	<5	10	10	Work experience in a related occupation	\$81,884	\$25.28	\$46.41
13-0000	Business and Financial Operations Occupations	8,010	9,020	1,010	12.6%	100	140	240		\$49,491	\$14.72	\$28.33
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work experience	*	*	*
13-1021	Purchasing Agents and Buyers, Farm Products	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$39,235	\$13.59	\$21.50
13-1022	Wholesale and Retail Buyers, Except Farm Products	190	190	0	0.0%	<5	<5	<5	Bachelor's degree	\$53,496	\$14.07	\$31.54
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	490	490	0	0.0%	<5	10	10	Bachelor's degree	\$44,159	\$14.88	\$24.41
13-1031	Claims Adjusters, Examiners, and Investigators	650	710	60	9.2%	10	20	30	Long-term on-the-job training	\$50,896	\$18.57	\$27.42
13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	210	220	10	4.8%	<5	<5	<5	Long-term on-the-job training	\$43,949	\$14.83	\$24.28
13-1051	Cost Estimators	330	390	60	18.2%	10	10	20	Bachelor's degree	\$51,416	\$17.38	\$28.39
13-1061	Emergency Management Specialists	20	20	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$48,215	\$18.90	\$25.32
13-1071	Employment, Recruitment, and Placement Specialists	160	180	20	12.5%	<5	<5	<5	Bachelor's degree	\$40,637	\$12.58	\$23.02
13-1072	Compensation, Benefits, and Job Analysis Specialists	150	170	20	13.3%	<5	<5	<5	Bachelor's degree	\$46,867	\$17.29	\$25.15
13-1073	Training and Development Specialists	260	300	40	15.4%	<5	10	10	Bachelor's or higher degree, plus work experience	\$45,012	\$15.29	\$24.82
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	590	640	50	8.5%	10	10	20	Bachelor's degree	\$32,044	\$6.45	\$19.88
13-1081	Logisticians	80	100	20	25.0%	<5	<5	<5	Bachelor's degree	\$58,146	\$20.08	\$31.89
13-1111	Management Analysts	360	400	40	11.1%	<5	10	10	Bachelor's or higher degree, plus work experience	\$61,060	\$21.11	\$33.48
13-1121	Meeting and Convention Planners	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$33,074	\$12.56	\$17.57
13-1199	Business Operations Specialists, All Other	1,490	1,790	300	20.1%	30	20	50	Bachelor's degree	\$51,927	\$13.99	\$30.45
13-2011	Accountants and Auditors	1,390	1,580	190	13.7%	20	20	40	Bachelor's degree	\$54,186	\$17.85	\$30.15
13-2021	Appraisers and Assessors of Real Estate	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$51,751	\$15.65	\$29.50
13-2031	Budget Analysts	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$57,814	\$21.02	\$31.18
13-2041	Credit Analysts	60	50	-10	-16.7%	0	<5	<5	Bachelor's degree	\$42,950	\$13.46	\$24.24
13-2051	Financial Analysts	130	160	30	23.1%	<5	<5	<5	Bachelor's degree	\$60,667	\$18.71	\$34.40
13-2052	Personal Financial Advisors	130	180	50	38.5%	10	<5	10	Bachelor's degree	\$58,057	\$19.06	\$32.34
13-2053	Insurance Underwriters	350	380	30	8.6%	<5	10	10	Bachelor's degree	\$55,637	\$17.31	\$31.47
13-2061	Financial Examiners	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
13-2071	Loan Counselors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
13-2072	Loan Officers	480	540	60	12.5%	10	10	20	Bachelor's degree	\$47,738	\$14.51	\$27.17
13-2081	Tax Examiners, Collectors, and Revenue Agents	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$58,883	\$15.77	\$34.58
13-2082	Tax Preparers	90	90	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$35,254	\$12.35	\$19.25
13-2099	Financial Specialists, All Other	120	130	10	8.3%	<5	<5	<5	Bachelor's degree	\$54,247	\$18.84	\$29.70
15-0000	Computer and Mathematical Occupations	3,300	3,930	630	19.1%	60	80	140		\$54,289	\$16.37	\$30.96
15-1011	Computer and Information Scientists, Research	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*

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15-1021	Computer Programmers	350	310	-40	-11.4%	0	10	10	Bachelor's degree	\$50,105	\$15.75	\$28.26
15-1031	Computer Software Engineers, Applications	620	840	220	35.5%	20	10	30	Bachelor's degree	\$63,645	\$23.01	\$34.39
15-1032	Computer Software Engineers, Systems Software	180	210	30	16.7%	<5	<5	<5	Bachelor's degree	\$69,471	\$24.40	\$37.90
15-1041	Computer Support Specialists	610	660	50	8.2%	10	20	30	Associate degree	\$37,205	\$12.36	\$20.65
15-1051	Computer Systems Analysts	690	820	130	18.8%	10	20	30	Bachelor's degree	\$60,623	\$20.12	\$33.66
15-1061	Database Administrators	100	120	20	20.0%	<5	<5	<5	Bachelor's degree	\$69,637	\$20.06	\$40.19
15-1071	Network and Computer Systems Administrators	310	380	70	22.6%	10	10	20	Bachelor's degree	\$54,563	\$18.52	\$30.09
15-1081	Network Systems and Data Communications Analysts	240	360	120	50.0%	10	10	20	Bachelor's degree	\$49,662	\$17.19	\$27.22
15-1099	Computer Specialists, All Other	90	90	0	0.0%	<5	<5	<5	Associate degree	\$43,521	\$13.25	\$24.76
15-2011	Actuaries	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work experience	*	*	*
15-2021	Mathematicians	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
15-2031	Operations Research Analysts	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
15-2041	Statisticians	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
15-2099	Mathematical Science Occupations, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
17-0000	Architecture and Engineering Occupations	2,350	2,520	170	7.2%	20	60	80		\$51,930	\$16.75	\$29.07
17-1011	Architects, Except Landscape and Naval	80	90	10	12.5%	<5	<5	<5	Bachelor's degree	\$54,969	\$21.34	\$28.97
17-1012	Landscape Architects	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$50,682	\$17.05	\$28.03
17-1021	Cartographers and Photogrammetrists	10	10	0	0.0%	<5	<5	<5	Bachelor's degree	\$93,354	\$24.15	\$55.25
17-1022	Surveyors	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$40,418	\$14.91	\$21.69
17-2021	Agricultural Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2031	Biomedical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2041	Chemical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2051	Civil Engineers	200	220	20	10.0%	<5	10	10	Bachelor's degree	\$59,141	\$23.87	\$30.71
17-2061	Computer Hardware Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2071	Electrical Engineers	170	170	0	0.0%	<5	<5	<5	Bachelor's degree	\$70,135	\$25.53	\$37.81
17-2072	Electronics Engineers, Except Computer	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2081	Environmental Engineers	50	60	10	20.0%	<5	<5	<5	Bachelor's degree	\$62,219	\$22.99	\$33.37
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2112	Industrial Engineers	300	370	70	23.3%	10	10	20	Bachelor's degree	\$62,292	\$23.42	\$33.21
17-2121	Marine Engineers and Naval Architects	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2131	Materials Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2141	Mechanical Engineers	370	380	10	2.7%	<5	10	10	Bachelor's degree	\$57,931	\$19.58	\$31.99
17-2161	Nuclear Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2199	Engineers, All Other	100	110	10	10.0%	<5	<5	<5	Bachelor's degree	\$68,315	\$24.58	\$36.98
17-3011	Architectural and Civil Drafters	120	120	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$40,464	\$14.12	\$22.12
17-3012	Electrical and Electronics Drafters	30	30	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$41,860	\$15.13	\$22.62
17-3013	Mechanical Drafters	200	210	10	5.0%	<5	10	10	Postsecondary vocational training	\$41,669	\$15.49	\$22.30
17-3019	Drafters, All Other	40	40	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$33,685	\$11.54	\$18.52

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17-3022	Civil Engineering Technicians	100	100	0	0.0%	<5	<5	<5	Associate degree	\$39,409	\$15.81	\$20.51
17-3023	Electrical and Electronic Engineering Technicians	130	130	0	0.0%	<5	<5	<5	Associate degree	\$49,167	\$18.08	\$26.42
17-3024	Electro-Mechanical Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
17-3025	Environmental Engineering Technicians	10	10	0	0.0%	<5	<5	<5	Associate degree	\$46,156	\$17.18	\$24.70
17-3026	Industrial Engineering Technicians	80	90	10	12.5%	<5	<5	<5	Associate degree	\$39,724	\$15.75	\$20.77
17-3027	Mechanical Engineering Technicians	50	50	0	0.0%	<5	<5	<5	Associate degree	\$43,985	\$16.33	\$23.56
17-3029	Engineering Technicians, Except Drafters, All Other	50	50	0	0.0%	<5	<5	<5	Associate degree	\$53,883	\$19.09	\$29.31
17-3031	Surveying and Mapping Technicians	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$34,888	\$13.02	\$18.65
19-0000	Life, Physical, and Social Science Occupations	1,340	1,490	150	11.2%	20	30	50		\$48,969	\$14.60	\$28.02
19-1011	Animal Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-1012	Food Scientists and Technologists	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$45,914	\$15.48	\$25.37
19-1013	Soil and Plant Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-1021	Biochemists and Biophysicists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1022	Microbiologists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1023	Zoologists and Wildlife Biologists	10	20	10	100.0%	<5	<5	<5	Doctoral degree	\$51,291	\$20.60	\$26.69
19-1029	Biological Scientists, All Other	30	30	0	0.0%	<5	<5	<5	Doctoral degree	\$58,667	\$17.62	\$33.50
19-1031	Conservation Scientists	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$55,068	\$20.70	\$29.36
19-1032	Foresters	40	30	-10	-25.0%	0	<5	<5	Bachelor's degree	\$48,186	\$19.94	\$24.78
19-1041	Epidemiologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-1042	Medical Scientists, Except Epidemiologists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1099	Life Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2011	Astronomers	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-2012	Physicists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-2021	Atmospheric and Space Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2031	Chemists	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$49,375	\$14.08	\$28.57
19-2032	Materials Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2041	Environmental Scientists and Specialists, Including Health	60	80	20	33.3%	<5	<5	<5	Master's degree	\$47,690	\$17.00	\$25.89
19-2042	Geoscientists, Except Hydrologists and Geographers	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-2043	Hydrologists	10	20	10	100.0%	<5	<5	<5	Master's degree	\$50,859	\$19.37	\$26.99
19-2099	Physical Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-3011	Economists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3021	Market Research Analysts	250	290	40	16.0%	<5	<5	<5	Master's degree	\$54,866	\$17.15	\$30.99
19-3022	Survey Researchers	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3031	Clinical, Counseling, and School Psychologists	200	230	30	15.0%	<5	<5	<5	Doctoral degree	\$71,518	\$21.35	\$40.90
19-3039	Psychologists, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3041	Sociologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3051	Urban and Regional Planners	40	40	0	0.0%	<5	<5	<5	Master's degree	\$45,999	\$15.94	\$25.20
19-3091	Anthropologists and Archeologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3093	Historians	*	*	*	*	<5	<5	<5	Master's degree	*	*	*

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19-3094	Political Scientists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3099	Social Scientists and Related Workers, All Other	20	20	0	0.0%	<5	<5	<5	Master's degree	\$52,554	\$18.13	\$28.84
19-4011	Agricultural and Food Science Technicians	30	30	0	0.0%	<5	<5	<5	Associate degree	\$22,972	\$7.10	\$13.02
19-4021	Biological Technicians	50	50	0	0.0%	<5	<5	<5	Bachelor's degree	\$35,804	\$12.62	\$19.51
19-4031	Chemical Technicians	30	40	10	33.3%	<5	<5	<5	Associate degree	\$35,940	\$12.25	\$19.79
19-4061	Social Science Research Assistants	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4091	Environmental Science and Protection Technicians, Including Health	20	30	10	50.0%	<5	<5	<5	Associate degree	\$36,934	\$12.23	\$20.52
19-4092	Forensic Science Technicians	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-4093	Forest and Conservation Technicians	30	30	0	0.0%	<5	<5	<5	Associate degree	\$33,816	\$12.23	\$18.27
19-4099	Life, Physical, and Social Science Technicians, All Other	80	80	0	0.0%	<5	<5	<5	Associate degree	\$32,882	\$12.57	\$17.43
21-0000	Community and Social Services Occupations	6,300	7,470	1,170	18.6%	120	100	220		\$39,833	\$11.79	\$22.83
21-1011	Substance Abuse and Behavioral Disorder Counselors	300	450	150	50.0%	20	10	30	Master's degree	\$47,354	\$18.11	\$25.09
21-1012	Educational, Vocational, and School Counselors	210	220	10	4.8%	<5	<5	<5	Master's degree	\$40,071	\$10.34	\$23.73
21-1013	Marriage and Family Therapists	70	90	20	28.6%	<5	<5	<5	Master's degree	\$42,760	\$15.62	\$23.03
21-1014	Mental Health Counselors	340	460	120	35.3%	10	10	20	Master's degree	\$50,215	\$17.76	\$27.33
21-1015	Rehabilitation Counselors	160	180	20	12.5%	<5	<5	<5	Master's degree	\$45,786	\$14.02	\$26.01
21-1019	Counselors, All Other	70	70	0	0.0%	<5	<5	<5	Master's degree	\$47,012	\$15.02	\$26.39
21-1021	Child, Family, and School Social Workers	430	490	60	14.0%	10	10	20	Master's degree	\$42,972	\$15.57	\$23.20
21-1022	Medical and Public Health Social Workers	230	280	50	21.7%	10	10	20	Master's degree	\$44,987	\$15.70	\$24.59
21-1023	Mental Health and Substance Abuse Social Workers	370	480	110	29.7%	10	10	20	Master's degree	\$40,100	\$12.94	\$22.45
21-1029	Social Workers, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
21-1091	Health Educators	110	130	20	18.2%	<5	<5	<5	Master's degree	\$38,324	\$12.39	\$21.44
21-1092	Probation Officers and Correctional Treatment Specialists	70	70	0	0.0%	<5	<5	<5	Bachelor's degree	\$42,310	\$16.67	\$22.18
21-1093	Social and Human Service Assistants	660	810	150	22.7%	20	10	30	Moderate-term on-the-job training	\$26,453	\$9.62	\$14.26
21-1099	Community and Social Service Specialists, All Other	220	260	40	18.2%	<5	<5	<5	Bachelor's degree	\$30,512	\$9.50	\$17.26
21-2011	Clergy	2,210	2,520	310	14.0%	30	30	60	Master's degree	\$43,375	\$14.40	\$24.08
21-2021	Directors, Religious Activities and Education	*	*	*	*	10	10	20	Bachelor's degree	*	*	*
21-2099	Religious Workers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
23-0000	Legal Occupations	780	850	70	9.0%	10	10	20		\$70,474	\$14.62	\$43.51
23-1011	Lawyers	400	440	40	10.0%	<5	10	10	First professional degree	\$96,444	\$25.76	\$56.67
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work experience	*	*	*
23-1022	Arbitrators, Mediators, and Conciliators	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work experience	*	*	*
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$77,514	\$11.35	\$50.23
23-2011	Paralegals and Legal Assistants	190	230	40	21.1%	<5	<5	<5	Associate degree	\$35,572	\$13.42	\$18.94
23-2091	Court Reporters	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
23-2092	Law Clerks	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
23-2093	Title Examiners, Abstractors, and Searchers	80	80	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,876	\$12.97	\$17.22

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23-2099	Legal Support Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
25-0000	Education, Training, and Library Occupations	9,930	10,670	740	7.5%	70	200	270		\$41,775	\$11.44	\$24.41
25-1011	Business Teachers, Postsecondary	100	110	10	10.0%	<5	<5	<5	Doctoral degree	\$65,503	*	*
25-1021	Computer Science Teachers, Postsecondary	30	30	0	0.0%	<5	<5	<5	Doctoral degree	\$57,503	*	*
25-1022	Mathematical Science Teachers, Postsecondary	50	60	10	20.0%	<5	<5	<5	Doctoral degree	\$56,590	*	*
25-1031	Architecture Teachers, Postsecondary	10	10	0	0.0%	<5	<5	<5	Doctoral degree	\$54,099	*	*
25-1032	Engineering Teachers, Postsecondary	30	40	10	33.3%	<5	<5	<5	Doctoral degree	\$61,158	*	*
25-1041	Agricultural Sciences Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1042	Biological Science Teachers, Postsecondary	40	40	0	0.0%	<5	<5	<5	Doctoral degree	\$54,173	*	*
25-1043	Forestry and Conservation Science Teachers, Postsecondary	10	10	0	0.0%	<5	<5	<5	Doctoral degree	\$57,984	*	*
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1052	Chemistry Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1053	Environmental Science Teachers, Postsecondary	0	10	10	100.0%	<5	<5	<5	Doctoral degree	\$63,252	*	*
25-1054	Physics Teachers, Postsecondary	20	20	0	0.0%	<5	<5	<5	Doctoral degree	\$54,865	*	*
25-1061	Anthropology and Archeology Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1063	Economics Teachers, Postsecondary	10	20	10	100.0%	<5	<5	<5	Doctoral degree	\$61,121	*	*
25-1064	Geography Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1065	Political Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1066	Psychology Teachers, Postsecondary	30	40	10	33.3%	<5	<5	<5	Doctoral degree	\$57,598	*	*
25-1067	Sociology Teachers, Postsecondary	20	20	0	0.0%	<5	<5	<5	Doctoral degree	\$57,901	*	*
25-1069	Social Sciences Teachers, Postsecondary, All Other	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1071	Health Specialties Teachers, Postsecondary	170	190	20	11.8%	<5	<5	<5	Master's degree	\$57,223	*	*
25-1072	Nursing Instructors and Teachers, Postsecondary	60	70	10	16.7%	<5	<5	<5	Doctoral degree	\$57,354	*	*
25-1081	Education Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1082	Library Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	10	10	0	0.0%	<5	<5	<5	Doctoral degree	\$66,377	*	*
25-1112	Law Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1113	Social Work Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	90	10	12.5%	<5	<5	<5	Master's degree	\$52,027	*	*
25-1122	Communications Teachers, Postsecondary	40	50	10	25.0%	<5	<5	<5	Doctoral degree	\$58,079	*	*
25-1123	English Language and Literature Teachers, Postsecondary	60	70	10	16.7%	<5	<5	<5	Doctoral degree	\$50,317	*	*
25-1124	Foreign Language and Literature Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1125	History Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1126	Philosophy and Religion Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*

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25-1191	Graduate Teaching Assistants	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-1192	Home Economics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-1194	Vocational Education Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
25-1199	Postsecondary Teachers, All Other	160	180	20	12.5%	<5	<5	<5	Doctoral degree	\$57,565	*	*
25-2011	Preschool Teachers, Except Special Education	720	830	110	15.3%	10	10	20	Bachelor's degree	\$27,527	\$8.80	\$15.45
25-2012	Kindergarten Teachers, Except Special Education	180	200	20	11.1%	<5	<5	<5	Bachelor's degree	\$46,186	*	*
25-2021	Elementary School Teachers, Except Special Education	1,650	1,770	120	7.3%	10	40	50	Bachelor's degree	\$45,951	*	*
25-2022	Middle School Teachers, Except Special and Vocational Education	790	820	30	3.8%	<5	20	20	Bachelor's degree	\$45,139	*	*
25-2023	Vocational Education Teachers, Middle School	30	20	-10	-33.3%	0	<5	<5	Bachelor's degree	\$54,406	*	*
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,150	1,150	0	0.0%	<5	30	30	Bachelor's degree	\$45,322	*	*
25-2032	Vocational Education Teachers, Secondary School	80	80	0	0.0%	<5	<5	<5	Bachelor's degree	\$45,115	*	*
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	180	210	30	16.7%	<5	<5	<5	Bachelor's degree	\$47,007	*	*
25-2042	Special Education Teachers, Middle School	90	100	10	11.1%	<5	<5	<5	Bachelor's degree	\$43,963	*	*
25-2043	Special Education Teachers, Secondary School	130	130	0	0.0%	<5	<5	<5	Bachelor's degree	\$48,787	*	*
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$50,525	\$17.38	\$27.74
25-3021	Self-Enrichment Education Teachers	460	530	70	15.2%	10	10	20	Work experience in a related occupation	\$39,940	\$13.21	\$22.20
25-3099	Teachers and Instructors, All Other	740	770	30	4.1%	<5	10	10	Bachelor's degree	\$30,790	*	*
25-4011	Archivists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4012	Curators	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4013	Museum Technicians and Conservators	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-4021	Librarians	170	170	0	0.0%	<5	10	10	Master's degree	\$48,495	\$17.25	\$26.35
25-4031	Library Technicians	200	200	0	0.0%	<5	10	10	Postsecondary vocational training	\$26,692	\$9.21	\$14.64
25-9011	Audio-Visual Collections Specialists	*	*	*	*	0	<5	<5	Bachelor's degree	*	*	*
25-9021	Farm and Home Management Advisors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-9031	Instructional Coordinators	80	100	20	25.0%	<5	<5	<5	Master's degree	\$59,842	\$16.34	\$34.98
25-9041	Teacher Assistants	1,540	1,600	60	3.9%	10	30	40	Associate degree	\$22,242	*	*
25-9099	Education, Training, and Library Workers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	2,600	2,830	230	8.8%	20	60	80		\$34,744	\$8.97	\$20.57
27-1011	Art Directors	40	40	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$62,764	\$13.72	\$38.40
27-1012	Craft Artists	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-1014	Multi-Media Artists and Animators	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1019	Artists and Related Workers, All Other	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$28,085	\$9.80	\$15.35

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27-1021	Commercial and Industrial Designers	90	90	0	0.0%	<5	<5	<5	Bachelor's degree	\$54,290	\$17.09	\$30.60
27-1022	Fashion Designers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1023	Floral Designers	100	100	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$23,184	\$8.33	\$12.55
27-1024	Graphic Designers	270	300	30	11.1%	<5	10	10	Bachelor's degree	\$34,732	\$11.13	\$19.48
27-1025	Interior Designers	70	70	0	0.0%	<5	<5	<5	Bachelor's degree	\$31,292	\$11.27	\$16.93
27-1026	Merchandise Displayers and Window Trimmers	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$34,771	\$9.87	\$20.14
27-1027	Set and Exhibit Designers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1029	Designers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-2011	Actors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2012	Producers and Directors	50	60	10	20.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$42,437	\$14.34	\$23.43
27-2021	Athletes and Sports Competitors	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,881	*	*
27-2022	Coaches and Scouts	210	230	20	9.5%	<5	10	10	Long-term on-the-job training	\$22,690	*	*
27-2023	Umpires, Referees, and Other Sports Officials	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2031	Dancers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2032	Choreographers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
27-2041	Music Directors and Composers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work experience	*	*	*
27-2042	Musicians and Singers	*	*	*	*	10	10	20	Long-term on-the-job training	*	*	*
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-3011	Radio and Television Announcers	80	70	-10	-12.5%	0	<5	<5	Long-term on-the-job training	\$26,469	\$7.34	\$15.42
27-3012	Public Address System and Other Announcers	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$28,794	\$10.50	\$15.51
27-3021	Broadcast News Analysts	10	10	0	0.0%	<5	<5	<5	Bachelor's or higher degree, plus work experience	\$29,182	\$10.32	\$15.88
27-3022	Reporters and Correspondents	50	50	0	0.0%	<5	<5	<5	Bachelor's degree	\$26,303	\$8.98	\$14.48
27-3031	Public Relations Specialists	340	380	40	11.8%	<5	<5	<5	Bachelor's degree	\$49,470	\$13.92	\$28.71
27-3041	Editors	110	110	0	0.0%	<5	<5	<5	Bachelor's degree	\$39,685	\$13.49	\$21.87
27-3042	Technical Writers	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$43,068	\$16.34	\$22.89
27-3043	Writers and Authors	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$36,359	\$10.47	\$20.98
27-3091	Interpreters and Translators	60	70	10	16.7%	<5	<5	<5	Long-term on-the-job training	\$36,074	\$9.35	\$21.34
27-3099	Media and Communication Workers, All Other	10	20	10	100.0%	<5	<5	<5	Long-term on-the-job training	\$35,861	\$11.83	\$19.94
27-4011	Audio and Video Equipment Technicians	30	40	10	33.3%	<5	<5	<5	Long-term on-the-job training	\$45,045	\$14.94	\$25.01
27-4012	Broadcast Technicians	60	60	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$21,292	\$6.58	\$12.06
27-4014	Sound Engineering Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
27-4021	Photographers	50	50	0	0.0%	<5	<5	<5	Bachelor's degree	\$33,347	\$9.92	\$19.09
27-4031	Camera Operators, Television, Video, and Motion Picture	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
27-4032	Film and Video Editors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-4099	Media and Communication Equipment Workers, All	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
29-0000	Healthcare Practitioners and Technical Occupations	12,540	15,370	2,830	22.6%	280	230	510		\$55,658	\$14.06	\$33.11
29-1011	Chiropractors	60	70	10	16.7%	<5	<5	<5	First professional degree	\$96,837	\$27.52	\$56.08
29-1021	Dentists, General	160	180	20	12.5%	<5	<5	<5	First professional degree	\$130,706	\$46.13	\$71.19

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29-1022	Oral and Maxillofacial Surgeons	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1023	Orthodontists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1024	Prosthodontists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1029	Dentists, All Other Specialists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1031	Dietitians and Nutritionists	140	150	10	7.1%	<5	<5	<5	Bachelor's degree	\$47,653	\$18.61	\$25.06
29-1041	Optometrists	30	40	10	33.3%	<5	<5	<5	First professional degree	\$157,384	\$39.44	\$93.78
29-1051	Pharmacists	340	410	70	20.6%	10	10	20	First professional degree	\$99,664	\$39.42	\$52.16
29-1061	Anesthesiologists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1062	Family and General Practitioners	240	280	40	16.7%	<5	<5	<5	First professional degree	\$173,226	*	*
29-1063	Internists, General	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1064	Obstetricians and Gynecologists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1065	Pediatricians, General	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1066	Psychiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1067	Surgeons	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1069	Physicians and Surgeons, All Other	290	360	70	24.1%	10	10	20	First professional degree	\$140,248	\$45.13	\$78.57
29-1071	Physician Assistants	120	160	40	33.3%	<5	<5	<5	Master's degree	\$75,816	\$30.17	\$39.59
29-1081	Podiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1111	Registered Nurses	4,900	6,250	1,350	27.6%	140	80	220	Associate or Bachelor's degree ⁽⁸⁾	\$55,149	\$20.77	\$29.39
29-1121	Audiologists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
29-1122	Occupational Therapists	200	250	50	25.0%	10	<5	10	Master's degree	\$50,229	\$16.55	\$27.95
29-1123	Physical Therapists	310	390	80	25.8%	10	<5	10	Master's degree	\$65,245	\$25.89	\$34.11
29-1124	Radiation Therapists	40	60	20	50.0%	<5	<5	<5	Associate degree	\$68,708	\$26.93	\$36.08
29-1125	Recreational Therapists	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$32,171	\$11.21	\$17.60
29-1126	Respiratory Therapists	170	210	40	23.5%	<5	<5	<5	Associate degree	\$45,185	\$18.40	\$23.38
29-1127	Speech-Language Pathologists	150	160	10	6.7%	<5	<5	<5	Master's degree	\$56,306	\$20.44	\$30.38
29-1129	Therapists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	\$54,653	\$21.57	\$28.63
29-1131	Veterinarians	70	90	20	28.6%	<5	<5	<5	First professional degree	\$65,087	\$25.42	\$34.23
29-1199	Health Diagnosing and Treating Practitioners, All Other	50	60	10	20.0%	<5	<5	<5	First professional degree	\$52,002	\$20.32	\$27.34
29-2011	Medical and Clinical Laboratory Technologists	250	280	30	12.0%	<5	<5	<5	Bachelor's degree	\$50,390	\$19.81	\$26.43
29-2012	Medical and Clinical Laboratory Technicians	170	200	30	17.6%	<5	<5	<5	Associate degree	\$34,718	\$12.90	\$18.59
29-2021	Dental Hygienists	320	420	100	31.3%	10	10	20	Associate degree	\$51,072	\$21.72	\$25.97
29-2031	Cardiovascular Technologists and Technicians	60	80	20	33.3%	<5	<5	<5	Associate degree	\$43,386	\$12.79	\$24.89
29-2032	Diagnostic Medical Sonographers	80	90	10	12.5%	<5	<5	<5	Associate degree	\$66,075	\$25.80	\$34.75
29-2033	Nuclear Medicine Technologists	30	40	10	33.3%	<5	<5	<5	Associate degree	\$64,454	\$26.77	\$33.09
29-2034	Radiologic Technologists and Technicians	410	490	80	19.5%	10	10	20	Associate degree	\$45,067	\$16.34	\$24.33
29-2041	Emergency Medical Technicians and Paramedics	570	630	60	10.5%	10	10	20	Postsecondary vocational training	\$27,641	\$8.82	\$15.52
29-2051	Dietetic Technicians	40	50	10	25.0%	<5	<5	<5	Postsecondary vocational training	\$25,528	\$9.13	\$13.84
29-2052	Pharmacy Technicians	430	550	120	27.9%	10	10	20	Moderate-term on-the-job training	\$24,728	\$8.96	\$13.35
29-2053	Psychiatric Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

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29-2054	Respiratory Therapy Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
29-2055	Surgical Technologists	270	350	80	29.6%	10	10	20	Postsecondary vocational training	\$39,036	\$15.35	\$20.48
29-2056	Veterinary Technologists and Technicians	70	90	20	28.6%	<5	<5	<5	Associate degree	\$29,248	\$11.01	\$15.59
29-2061	Licensed Practical and Licensed Vocational Nurses	970	1,080	110	11.3%	10	30	40	Postsecondary vocational training	\$35,950	\$14.67	\$18.59
29-2071	Medical Records and Health Information Technicians	320	400	80	25.0%	10	10	20	Associate degree	\$29,022	\$10.05	\$15.90
29-2081	Opticians, Dispensing	130	130	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$28,004	\$9.70	\$15.35
29-2091	Orthotists and Prosthetists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
29-2099	Health Technologists and Technicians, All Other	350	420	70	20.0%	10	<5	10	Postsecondary vocational training	\$42,221	\$14.54	\$23.18
29-9011	Occupational Health and Safety Specialists	30	40	10	33.3%	<5	<5	<5	Bachelor's degree	\$54,380	\$16.56	\$30.94
29-9012	Occupational Health and Safety Technicians	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
29-9091	Athletic Trainers	30	40	10	33.3%	<5	<5	<5	Bachelor's degree	\$43,481	*	*
29-9099	Healthcare Practitioners and Technical Workers, All Other	180	210	30	16.7%	<5	<5	<5	Bachelor's degree	\$37,123	\$12.43	\$20.56
31-0000	Healthcare Support Occupations	6,210	7,550	1,340	21.6%	130	70	200		\$25,032	\$9.30	\$13.40
31-1011	Home Health Aides	850	1,180	330	38.8%	30	10	40	Short-term on-the-job training	\$18,602	\$6.86	\$9.98
31-1012	Nursing Aides, Orderlies, and Attendants	2,760	3,150	390	14.1%	40	30	70	Postsecondary vocational training	\$23,608	\$9.76	\$12.15
31-1013	Psychiatric Aides	40	50	10	25.0%	<5	<5	<5	Short-term on-the-job training	\$26,946	\$12.14	\$13.36
31-2011	Occupational Therapist Assistants	50	60	10	20.0%	<5	<5	<5	Associate degree	\$39,253	\$15.75	\$20.43
31-2012	Occupational Therapist Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
31-2021	Physical Therapist Assistants	110	140	30	27.3%	<5	<5	<5	Associate degree	\$40,437	\$16.40	\$20.96
31-2022	Physical Therapist Aides	100	120	20	20.0%	<5	<5	<5	Short-term on-the-job training	\$24,574	\$9.70	\$12.87
31-9011	Massage Therapists	50	60	10	20.0%	<5	<5	<5	Postsecondary vocational training	\$40,903	\$13.21	\$22.89
31-9091	Dental Assistants	430	550	120	27.9%	10	10	20	Moderate-term on-the-job training	\$28,588	\$11.56	\$14.83
31-9092	Medical Assistants	700	950	250	35.7%	30	10	40	Moderate-term on-the-job training	\$27,088	\$10.84	\$14.11
31-9093	Medical Equipment Preparers	100	120	20	20.0%	<5	<5	<5	Short-term on-the-job training	\$27,848	\$10.14	\$15.01
31-9094	Medical Transcriptionists	310	350	40	12.9%	<5	<5	<5	Postsecondary vocational training	\$28,528	\$11.46	\$14.84
31-9095	Pharmacy Aides	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$24,732	\$8.16	\$13.76
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	70	70	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$19,230	\$7.13	\$10.30
31-9099	Healthcare Support Workers, All Other	580	680	100	17.2%	10	10	20	Short-term on-the-job training	\$26,861	\$10.99	\$13.88
33-0000	Protective Service Occupations	3,570	3,820	250	7.0%	30	110	140		\$33,204	\$8.58	\$19.65
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	50	10	25.0%	<5	<5	<5	Work experience in a related occupation	\$54,424	\$21.07	\$28.71
33-1012	First-Line Supervisors/Managers of Police and Detectives	100	110	10	10.0%	<5	<5	<5	Work experience in a related occupation	\$57,550	\$22.57	\$30.22
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	60	70	10	16.7%	<5	<5	<5	Work experience in a related occupation	\$54,624	\$11.52	\$33.63
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$36,643	\$11.45	\$20.70
33-2011	Fire Fighters	640	670	30	4.7%	<5	20	20	Long-term on-the-job training	\$28,696	\$8.53	\$16.43
33-2021	Fire Inspectors and Investigators	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$25,080	\$7.70	\$14.24
33-3011	Bailiffs	20	20	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,203	\$8.72	\$13.81
33-3012	Correctional Officers and Jailers	410	450	40	9.8%	<5	10	10	Moderate-term on-the-job training	\$39,793	\$15.12	\$21.14

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33-3021	Detectives and Criminal Investigators	130	150	20	15.4%	<5	<5	<5	Work experience in a related occupation	\$48,837	\$20.26	\$25.09
33-3031	Fish and Game Wardens	10	10	0	0.0%	<5	<5	<5	Associate degree	\$47,399	\$19.67	\$24.35
33-3041	Parking Enforcement Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
33-3051	Police and Sheriff's Patrol Officers	920	970	50	5.4%	10	30	40	Long-term on-the-job training	\$40,770	\$14.42	\$22.19
33-3052	Transit and Railroad Police	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
33-9011	Animal Control Workers	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$20,461	\$6.81	\$11.35
33-9021	Private Detectives and Investigators	30	30	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$20,268	\$6.35	\$11.44
33-9031	Gaming Surveillance Officers and Gaming Investigators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9032	Security Guards	690	760	70	10.1%	10	10	20	Short-term on-the-job training	\$21,415	\$7.72	\$11.58
33-9091	Crossing Guards	140	130	-10	-7.1%	0	<5	<5	Short-term on-the-job training	\$21,065	\$7.45	\$11.46
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	200	220	20	10.0%	<5	20	20	Short-term on-the-job training	\$15,422	\$6.41	\$7.92
33-9099	Protective Service Workers, All Other	90	90	0	0.0%	<5	10	10	Short-term on-the-job training	\$33,246	\$10.73	\$18.61
35-0000	Food Preparation and Serving Related Occupations	17,040	18,940	1,900	11.2%	190	580	770		\$17,748	\$6.44	\$9.58
35-1011	Chefs and Head Cooks	170	180	10	5.9%	<5	<5	<5	Postsecondary vocational training	\$29,340	\$9.81	\$16.26
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,040	1,150	110	10.6%	10	10	20	Work experience in a related occupation	\$27,447	\$8.87	\$15.36
35-2011	Cooks, Fast Food	700	750	50	7.1%	10	20	30	Short-term on-the-job training	\$16,623	\$6.68	\$8.65
35-2012	Cooks, Institution and Cafeteria	580	620	40	6.9%	<5	20	20	Long-term on-the-job training	\$23,268	\$8.63	\$12.46
35-2013	Cooks, Private Household	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2014	Cooks, Restaurant	1,110	1,230	120	10.8%	10	30	40	Long-term on-the-job training	\$20,764	\$7.62	\$11.16
35-2015	Cooks, Short Order	300	310	10	3.3%	<5	10	10	Short-term on-the-job training	\$17,381	\$7.37	\$8.85
35-2019	Cooks, All Other	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$21,143	\$9.27	\$10.61
35-2021	Food Preparation Workers	970	1,090	120	12.4%	10	30	40	Short-term on-the-job training	\$19,158	\$7.14	\$10.25
35-3011	Bartenders	1,850	2,030	180	9.7%	20	70	90	Short-term on-the-job training	\$16,869	\$6.70	\$8.81
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,950	4,590	640	16.2%	60	80	140	Short-term on-the-job training	\$15,610	\$6.44	\$8.04
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	530	570	40	7.5%	<5	40	40	Short-term on-the-job training	\$17,473	\$6.67	\$9.26
35-3031	Waiters and Waitresses	3,450	3,790	340	9.9%	30	190	220	Short-term on-the-job training	\$15,769	\$6.41	\$8.17
35-3041	Food Servers, Nonrestaurant	420	480	60	14.3%	10	10	20	Short-term on-the-job training	\$20,063	\$7.25	\$10.84
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	590	650	60	10.2%	10	30	40	Short-term on-the-job training	\$14,795	\$6.40	\$7.47
35-9021	Dishwashers	870	960	90	10.3%	10	40	50	Short-term on-the-job training	\$15,273	\$6.43	\$7.80
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	450	500	50	11.1%	10	30	40	Short-term on-the-job training	\$15,778	\$6.44	\$8.16
35-9099	Food Preparation and Serving Related Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
37-0000	Building and Grounds Cleaning and Maintenance Occupations	7,170	8,010	840	11.7%	80	130	210		\$23,172	\$7.50	\$12.96

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37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	270	290	20	7.4%	<5	<5	<5	Work experience in a related occupation	\$34,303	\$11.67	\$18.90
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9.1%	<5	<5	<5	Work experience in a related occupation	\$39,751	\$13.08	\$22.13
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,560	3,950	390	11.0%	40	70	110	Short-term on-the-job training	\$23,501	\$8.05	\$12.92
37-2012	Maids and Housekeeping Cleaners	2,120	2,380	260	12.3%	30	40	70	Short-term on-the-job training	\$17,919	\$6.76	\$9.54
37-2019	Building Cleaning Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
37-2021	Pest Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
37-3011	Landscaping and Groundskeeping Workers	1,020	1,160	140	13.7%	10	10	20	Short-term on-the-job training	\$22,816	\$7.39	\$12.76
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
37-3013	Tree Trimmers and Pruners	20	30	10	50.0%	<5	<5	<5	Short-term on-the-job training	\$26,438	\$12.31	\$12.91
37-3019	Grounds Maintenance Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-0000	Personal Care and Service Occupations	5,000	5,850	850	17.0%	90	120	210		\$20,644	\$7.22	\$11.28
39-1011	Gaming Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
39-1012	Slot Key Persons	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-1021	First-Line Supervisors/Managers of Personal Service Workers	180	210	30	16.7%	<5	<5	<5	Work experience in a related occupation	\$31,568	\$12.21	\$16.66
39-2011	Animal Trainers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-2021	Nonfarm Animal Caretakers	120	140	20	16.7%	<5	<5	<5	Short-term on-the-job training	\$19,873	\$6.62	\$11.02
39-3011	Gaming Dealers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-3012	Gaming and Sports Book Writers and Runners	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3019	Gaming Service Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-3021	Motion Picture Projectionists	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
39-3031	Ushers, Lobby Attendants, and Ticket Takers	100	100	0	0.0%	<5	10	10	Short-term on-the-job training	\$13,463	\$6.38	\$6.52
39-3091	Amusement and Recreation Attendants	350	390	40	11.4%	<5	20	20	Short-term on-the-job training	\$17,246	\$6.84	\$9.02
39-3092	Costume Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$17,539	\$6.37	\$9.46
39-3099	Entertainment Attendants and Related Workers, All Other	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
39-4011	Embalmers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-4021	Funeral Attendants	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$23,147	\$8.74	\$12.32
39-5011	Barbers	*	*	*	*	0	<5	<5	Postsecondary vocational training	*	*	*
39-5012	Hairdressers, Hairstylists, and Cosmetologists	590	630	40	6.8%	<5	10	10	Postsecondary vocational training	\$23,154	\$6.62	\$13.39
39-5091	Makeup Artists, Theatrical and Performance	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5092	Manicurists and Pedicurists	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5093	Shampooers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-5094	Skin Care Specialists	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-6011	Baggage Porters and Bellhops	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-6012	Concierges	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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39-6021	Tour Guides and Escorts	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6022	Travel Guides	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6031	Flight Attendants	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-9011	Child Care Workers	1,170	1,410	240	20.5%	20	30	50	Short-term on-the-job training	\$18,637	\$7.10	\$9.89
39-9021	Personal and Home Care Aides	980	1,300	320	32.7%	30	20	50	Short-term on-the-job training	\$19,692	\$8.15	\$10.12
39-9031	Fitness Trainers and Aerobics Instructors	290	340	50	17.2%	10	10	20	Postsecondary vocational training	\$21,441	\$7.84	\$11.54
39-9032	Recreation Workers	510	540	30	5.9%	<5	10	10	Bachelor's degree	\$20,861	\$6.57	\$11.76
39-9041	Residential Advisors	70	80	10	14.3%	<5	<5	<5	Short-term on-the-job training	\$31,228	\$10.05	\$17.50
39-9099	Personal Care and Service Workers, All Other	70	60	-10	-14.3%	0	<5	<5	Short-term on-the-job training	\$20,729	\$9.32	\$10.29
41-0000	Sales and Related Occupations	18,950	19,740	790	4.2%	80	610	690		\$30,226	\$7.20	\$18.20
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,430	1,460	30	2.1%	<5	30	30	Work experience in a related occupation	\$38,388	\$11.58	\$21.89
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	290	10	3.6%	<5	<5	<5	Work experience in a related occupation	\$68,269	\$18.23	\$40.12
41-2011	Cashiers	5,210	4,930	-280	-5.4%	0	250	250	Short-term on-the-job training	\$16,719	\$6.50	\$8.81
41-2012	Gaming Change Persons and Booth Cashiers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
41-2021	Counter and Rental Clerks	510	590	80	15.7%	10	20	30	Short-term on-the-job training	\$20,193	\$6.58	\$11.27
41-2022	Parts Salespersons	380	360	-20	-5.3%	0	<5	<5	Moderate-term on-the-job training	\$27,101	\$8.56	\$15.27
41-2031	Retail Salespersons	6,150	6,590	440	7.2%	40	190	230	Short-term on-the-job training	\$22,876	\$7.09	\$12.95
41-3011	Advertising Sales Agents	180	210	30	16.7%	<5	<5	<5	Moderate-term on-the-job training	\$38,710	\$11.46	\$22.19
41-3021	Insurance Sales Agents	610	740	130	21.3%	10	10	20	Bachelor's degree	\$54,759	\$12.29	\$33.35
41-3031	Securities, Commodities, and Financial Services Sales Agents	170	210	40	23.5%	<5	<5	<5	Bachelor's degree	\$59,869	\$16.55	\$34.90
41-3041	Travel Agents	*	*	*	*	0	<5	<5	Postsecondary vocational training	*	*	*
41-3099	Sales Representatives, Services, All Other	530	650	120	22.6%	10	10	20	Work experience in a related occupation	\$43,584	\$12.85	\$25.01
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	320	360	40	12.5%	<5	10	10	Work experience in a related occupation	\$66,028	\$16.82	\$39.21
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,270	2,420	150	6.6%	20	50	70	Work experience in a related occupation	\$55,820	\$14.15	\$33.18
41-9011	Demonstrators and Product Promoters	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
41-9012	Models	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
41-9021	Real Estate Brokers	30	40	10	33.3%	<5	<5	<5	Postsecondary vocational training	\$40,557	\$12.71	\$22.89
41-9022	Real Estate Sales Agents	90	100	10	11.1%	<5	<5	<5	Postsecondary vocational training	\$50,489	\$10.92	\$30.95
41-9031	Sales Engineers	80	80	0	0.0%	<5	<5	<5	Bachelor's degree	\$62,205	\$23.33	\$33.20
41-9041	Telemarketers	250	230	-20	-8.0%	0	10	10	Short-term on-the-job training	\$21,716	\$7.99	\$11.67
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
41-9099	Sales and Related Workers, All Other	200	220	20	10.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,867	\$10.73	\$19.06

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43-0000	Office and Administrative Support Occupations	35,110	36,560	1,450	4.1%	150	750	900		\$27,612	\$8.84	\$15.49
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,730	1,760	30	1.7%	<5	40	40	Work experience in a related occupation	\$43,336	\$13.77	\$24.37
43-2011	Switchboard Operators, Including Answering Service	250	230	-20	-8.0%	0	10	10	Short-term on-the-job training	\$23,583	\$9.29	\$12.36
43-2021	Telephone Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-2099	Communications Equipment Operators, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-3011	Bill and Account Collectors	370	440	70	18.9%	10	10	20	Short-term on-the-job training	\$27,735	\$10.95	\$14.53
43-3021	Billing and Posting Clerks and Machine Operators	880	910	30	3.4%	<5	10	10	Moderate-term on-the-job training	\$28,164	\$10.74	\$14.94
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,210	3,520	310	9.7%	30	50	80	Moderate-term on-the-job training	\$27,276	\$8.86	\$15.24
43-3041	Gaming Cage Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-3051	Payroll and Timekeeping Clerks	290	280	-10	-3.4%	0	10	10	Moderate-term on-the-job training	\$29,864	\$10.47	\$16.30
43-3061	Procurement Clerks	110	100	-10	-9.1%	0	<5	<5	Moderate-term on-the-job training	\$30,924	\$12.40	\$16.10
43-3071	Tellers	980	1,120	140	14.3%	10	40	50	Short-term on-the-job training	\$21,960	\$8.49	\$11.59
43-4011	Brokerage Clerks	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,032	\$11.43	\$17.39
43-4021	Correspondence Clerks	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-4031	Court, Municipal, and License Clerks	120	130	10	8.3%	<5	<5	<5	Short-term on-the-job training	\$31,215	\$9.24	\$17.89
43-4041	Credit Authorizers, Checkers, and Clerks	60	50	-10	-16.7%	0	<5	<5	Short-term on-the-job training	\$30,148	\$10.92	\$16.28
43-4051	Customer Service Representatives	3,270	3,880	610	18.7%	60	90	150	Moderate-term on-the-job training	\$28,939	\$9.40	\$16.17
43-4061	Eligibility Interviewers, Government Programs	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,542	\$12.43	\$17.26
43-4071	File Clerks	350	200	-150	-42.9%	0	10	10	Short-term on-the-job training	\$23,507	\$8.41	\$12.75
43-4081	Hotel, Motel, and Resort Desk Clerks	490	560	70	14.3%	10	20	30	Short-term on-the-job training	\$17,773	\$6.79	\$9.42
43-4111	Interviewers, Except Eligibility and Loan	320	370	50	15.6%	10	10	20	Short-term on-the-job training	\$27,078	\$10.68	\$14.19
43-4121	Library Assistants, Clerical	140	140	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$20,869	\$6.62	\$11.74
43-4131	Loan Interviewers and Clerks	290	270	-20	-6.9%	0	10	10	Short-term on-the-job training	\$26,523	\$10.54	\$13.86
43-4141	New Accounts Clerks	130	120	-10	-7.7%	0	<5	<5	Work experience in a related occupation	\$27,289	\$12.27	\$13.54
43-4151	Order Clerks	*	*	*	*	0	20	20	Short-term on-the-job training	*	*	*
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	260	280	20	7.7%	<5	<5	<5	Short-term on-the-job training	\$32,336	\$11.19	\$17.73
43-4171	Receptionists and Information Clerks	1,850	2,130	280	15.1%	30	50	80	Short-term on-the-job training	\$22,938	\$8.92	\$12.08
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$22,064	\$7.90	\$11.96
43-4199	Information and Record Clerks, All Other	320	280	-40	-12.5%	0	10	10	Short-term on-the-job training	\$27,554	\$9.02	\$15.36
43-5011	Cargo and Freight Agents	50	60	10	20.0%	<5	<5	<5	Moderate-term on-the-job training	\$31,194	\$8.90	\$18.05
43-5021	Couriers and Messengers	130	130	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$38,281	\$10.55	\$22.33
43-5031	Police, Fire, and Ambulance Dispatchers	130	130	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$36,299	\$14.21	\$19.07
43-5032	Dispatchers, Except Police, Fire, and Ambulance	290	290	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$33,459	\$11.45	\$18.40
43-5041	Meter Readers, Utilities	50	40	-10	-20.0%	0	<5	<5	Short-term on-the-job training	\$37,246	\$12.29	\$20.72
43-5051	Postal Service Clerks	90	90	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$44,425	\$20.58	\$21.75
43-5052	Postal Service Mail Carriers	510	520	10	2.0%	<5	20	20	Short-term on-the-job training	\$43,296	\$16.52	\$22.96

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43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	260	240	-20	-7.7%	0	<5	<5	Short-term on-the-job training	\$39,379	\$13.50	\$21.65
43-5061	Production, Planning, and Expediting Clerks	540	550	10	1.9%	<5	20	20	Moderate-term on-the-job training	\$38,099	\$12.60	\$21.17
43-5071	Shipping, Receiving, and Traffic Clerks	1,280	1,300	20	1.6%	<5	30	30	Short-term on-the-job training	\$26,657	\$8.60	\$14.92
43-5081	Stock Clerks and Order Fillers	2,610	2,350	-260	-10.0%	0	60	60	Short-term on-the-job training	\$20,616	\$6.93	\$11.40
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	120	100	-20	-16.7%	0	<5	<5	Short-term on-the-job training	\$30,348	\$11.18	\$16.30
43-6011	Executive Secretaries and Administrative Assistants	2,180	2,430	250	11.5%	30	40	70	Work experience in a related occupation	\$32,965	\$11.46	\$18.04
43-6012	Legal Secretaries	220	240	20	9.1%	<5	<5	<5	Associate degree	\$32,558	\$12.57	\$17.20
43-6013	Medical Secretaries	490	570	80	16.3%	10	10	20	Moderate-term on-the-job training	\$26,642	\$10.59	\$13.92
43-6014	Secretaries, Except Legal, Medical, and Executive	3,330	3,270	-60	-1.8%	0	50	50	Moderate-term on-the-job training	\$26,885	\$9.71	\$14.53
43-9011	Computer Operators	130	90	-40	-30.8%	0	<5	<5	Moderate-term on-the-job training	\$32,976	\$10.83	\$18.37
43-9021	Data Entry Keyers	390	350	-40	-10.3%	0	10	10	Moderate-term on-the-job training	\$24,126	\$9.73	\$12.54
43-9022	Word Processors and Typists	180	160	-20	-11.1%	0	<5	<5	Moderate-term on-the-job training	\$29,326	\$10.92	\$15.69
43-9031	Desktop Publishers	50	50	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$29,618	\$12.21	\$15.26
43-9041	Insurance Claims and Policy Processing Clerks	870	870	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$28,168	\$9.72	\$15.45
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	240	200	-40	-16.7%	0	10	10	Short-term on-the-job training	\$23,319	\$7.88	\$12.88
43-9061	Office Clerks, General	3,660	4,000	340	9.3%	30	70	100	Short-term on-the-job training	\$23,594	\$8.18	\$12.93
43-9071	Office Machine Operators, Except Computer	90	80	-10	-11.1%	0	<5	<5	Short-term on-the-job training	\$26,940	\$9.18	\$14.84
43-9081	Proofreaders and Copy Markers	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$25,279	\$9.65	\$13.40
43-9111	Statistical Assistants	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
43-9199	Office and Administrative Support Workers, All Other	390	350	-40	-10.3%	0	10	10	Short-term on-the-job training	\$26,207	\$9.72	\$14.04
45-0000	Farming, Fishing, and Forestry Occupations	420	420	0	0.0%	<5	10	10		\$25,382	\$7.87	\$14.37
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$41,117	\$11.38	\$23.96
45-2011	Agricultural Inspectors	10	10	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$36,567	\$13.74	\$19.50
45-2021	Animal Breeders	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
45-2041	Graders and Sorters, Agricultural Products	40	40	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$21,851	\$7.01	\$12.25
45-2091	Agricultural Equipment Operators	20	20	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$26,875	\$9.19	\$14.78
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	50	60	10	20.0%	<5	<5	<5	Short-term on-the-job training	\$18,259	\$6.44	\$9.95
45-2093	Farmworkers, Farm and Ranch Animals	80	80	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$19,749	\$7.14	\$10.67
45-2099	Agricultural Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
45-3011	Fishers and Related Fishing Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4011	Forest and Conservation Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$26,449	\$9.85	\$14.15
45-4021	Fallers	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$31,832	\$14.73	\$15.59
45-4022	Logging Equipment Operators	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$24,800	\$10.41	\$12.68
45-4023	Log Graders and Scalers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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45-4029	Logging Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-0000	Construction and Extraction Occupations	8,130	8,810	680	8.4%	70	150	220		\$38,317	\$12.05	\$21.61
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	570	620	50	8.8%	10	10	20	Work experience in a related occupation	\$54,115	\$18.08	\$29.99
47-2011	Boilermakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2021	Brickmasons and Blockmasons	130	150	20	15.4%	<5	<5	<5	Long-term on-the-job training	\$42,562	\$17.22	\$22.09
47-2022	Stonemasons	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$38,185	\$13.72	\$20.68
47-2031	Carpenters	1,740	1,910	170	9.8%	20	20	40	Long-term on-the-job training	\$35,823	\$12.05	\$19.81
47-2041	Carpet Installers	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,068	\$12.81	\$17.44
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$28,954	\$11.75	\$15.00
47-2043	Floor Sanders and Finishers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2044	Tile and Marble Setters	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2051	Cement Masons and Concrete Finishers	270	300	30	11.1%	<5	10	10	Moderate-term on-the-job training	\$35,503	\$12.19	\$19.51
47-2053	Terrazzo Workers and Finishers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2061	Construction Laborers	840	920	80	9.5%	10	10	20	Moderate-term on-the-job training	\$31,988	\$11.19	\$17.47
47-2071	Paving, Surfacing, and Tamping Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2072	Pile-Driver Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2073	Operating Engineers and Other Construction Equipment Operators	640	680	40	6.3%	<5	10	10	Moderate-term on-the-job training	\$37,374	\$12.55	\$20.68
47-2081	Drywall and Ceiling Tile Installers	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$38,486	\$11.71	\$21.90
47-2082	Tapers	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$41,514	\$13.41	\$23.24
47-2111	Electricians	980	1,040	60	6.1%	10	30	40	Long-term on-the-job training	\$43,703	\$14.74	\$24.15
47-2121	Glaziers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2131	Insulation Workers, Floor, Ceiling, and Wall	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2132	Insulation Workers, Mechanical	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$54,500	\$21.91	\$28.35
47-2141	Painters, Construction and Maintenance	190	210	20	10.5%	<5	<5	<5	Moderate-term on-the-job training	\$30,915	\$8.78	\$17.91
47-2142	Paperhangers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2151	Pipelayers	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$46,325	\$16.68	\$25.07
47-2152	Plumbers, Pipefitters, and Steamfitters	710	770	60	8.5%	10	20	30	Long-term on-the-job training	\$47,722	\$14.78	\$27.02
47-2161	Plasterers and Stucco Masons	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$29,824	\$13.64	\$14.69
47-2171	Reinforcing Iron and Rebar Workers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2181	Roofers	150	170	20	13.3%	<5	<5	<5	Moderate-term on-the-job training	\$29,459	\$12.25	\$15.12
47-2211	Sheet Metal Workers	330	360	30	9.1%	<5	10	10	Long-term on-the-job training	\$46,402	\$14.49	\$26.22
47-2221	Structural Iron and Steel Workers	80	90	10	12.5%	<5	<5	<5	Long-term on-the-job training	\$39,444	\$12.90	\$22.00
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20	20	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$29,621	\$10.81	\$15.96
47-3012	Helpers--Carpenters	100	110	10	10.0%	<5	<5	<5	Short-term on-the-job training	\$23,493	\$7.64	\$13.12
47-3013	Helpers--Electricians	60	60	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$19,575	\$6.54	\$10.85

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47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	10	10	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$26,735	\$11.17	\$13.70
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	50	60	10	20.0%	<5	<5	<5	Short-term on-the-job training	\$25,528	\$8.86	\$13.98
47-3016	Helpers--Roofers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-3019	Helpers, Construction Trades, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-4011	Construction and Building Inspectors	80	90	10	12.5%	<5	<5	<5	Work experience in a related occupation	\$44,978	\$18.52	\$23.18
47-4021	Elevator Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-4031	Fence Erectors	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-4041	Hazardous Materials Removal Workers	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$42,395	\$16.46	\$22.34
47-4051	Highway Maintenance Workers	440	460	20	4.5%	<5	10	10	Moderate-term on-the-job training	\$31,594	\$11.33	\$17.12
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	60	10	20.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,608	\$11.17	\$18.65
47-4099	Construction and Related Workers, All Other	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$31,141	\$12.51	\$16.20
47-5012	Rotary Drill Operators, Oil and Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$35,878	\$12.43	\$19.66
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5041	Continuous Mining Machine Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5042	Mine Cutting and Channeling Machine Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5051	Rock Splitters, Quarry	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5081	Helpers--Extraction Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-5099	Extraction Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-0000	Installation, Maintenance, and Repair Occupations	7,710	8,170	460	6.0%	50	120	170		\$36,621	\$11.67	\$20.57
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	570	590	20	3.5%	<5	10	10	Work experience in a related occupation	\$51,308	\$16.68	\$28.66
49-2011	Computer, Automated Teller, and Office Machine Repairers	110	110	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$36,870	\$12.20	\$20.49
49-2021	Radio Mechanics	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	130	110	-20	-15.4%	0	<5	<5	Postsecondary vocational training	\$33,916	\$8.43	\$20.25
49-2091	Avionics Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2092	Electric Motor, Power Tool, and Related Repairers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	100	100	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$34,875	\$11.16	\$19.57
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

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49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	20	30	10	50.0%	<5	<5	<5	Postsecondary vocational training	\$29,568	\$12.67	\$14.99
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	40	40	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$31,244	\$11.43	\$16.82
49-2098	Security and Fire Alarm Systems Installers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-3011	Aircraft Mechanics and Service Technicians	40	40	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$49,752	\$18.23	\$26.76
49-3021	Automotive Body and Related Repairers	230	240	10	4.3%	<5	10	10	Long-term on-the-job training	\$35,267	\$13.46	\$18.70
49-3022	Automotive Glass Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3023	Automotive Service Technicians and Mechanics	920	1,000	80	8.7%	10	20	30	Postsecondary vocational training	\$33,176	\$10.78	\$18.54
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	450	500	50	11.1%	10	10	20	Postsecondary vocational training	\$35,579	\$13.33	\$18.99
49-3041	Farm Equipment Mechanics	100	100	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$32,048	\$12.84	\$16.69
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	150	170	20	13.3%	<5	<5	<5	Long-term on-the-job training	\$35,811	\$13.71	\$18.97
49-3051	Motorboat Mechanics	70	70	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$30,005	\$10.23	\$16.52
49-3052	Motorcycle Mechanics	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$29,169	\$11.04	\$15.52
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	80	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,150	\$8.70	\$13.79
49-3091	Bicycle Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-3092	Recreational Vehicle Service Technicians	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$26,245	\$9.21	\$14.32
49-3093	Tire Repairers and Changers	160	190	30	18.8%	<5	<5	<5	Short-term on-the-job training	\$23,786	\$8.85	\$12.73
49-9011	Mechanical Door Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$39,608	\$13.31	\$21.91
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	340	370	30	8.8%	<5	10	10	Long-term on-the-job training	\$33,652	\$13.42	\$17.56
49-9031	Home Appliance Repairers	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$32,067	\$12.15	\$17.05
49-9041	Industrial Machinery Mechanics	620	680	60	9.7%	10	10	20	Long-term on-the-job training	\$38,801	\$14.24	\$20.86
49-9042	Maintenance and Repair Workers, General	1,960	2,070	110	5.6%	10	10	20	Long-term on-the-job training	\$34,399	\$11.10	\$19.25
49-9043	Maintenance Workers, Machinery	250	240	-10	-4.0%	0	<5	<5	Moderate-term on-the-job training	\$36,971	\$11.63	\$20.85
49-9044	Millwrights	220	230	10	4.5%	<5	<5	<5	Long-term on-the-job training	\$52,069	\$21.35	\$26.87
49-9045	Refractory Materials Repairers, Except Brickmasons	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9051	Electrical Power-Line Installers and Repairers	110	120	10	9.1%	<5	<5	<5	Long-term on-the-job training	\$57,614	\$23.39	\$29.85
49-9052	Telecommunications Line Installers and Repairers	130	130	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$42,897	\$16.25	\$22.81
49-9061	Camera and Photographic Equipment Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9062	Medical Equipment Repairers	60	70	10	16.7%	<5	<5	<5	Associate degree	\$44,271	\$16.67	\$23.59
49-9063	Musical Instrument Repairers and Tuners	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-9069	Precision Instrument and Equipment Repairers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	100	100	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,377	\$10.46	\$15.95
49-9094	Locksmiths and Safe Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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49-9095	Manufactured Building and Mobile Home Installers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9096	Riggers	10	10	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$24,961	\$10.37	\$12.82
49-9098	Helpers--Installation, Maintenance, and Repair Workers	160	170	10	6.3%	<5	<5	<5	Short-term on-the-job training	\$25,187	\$7.49	\$14.42
49-9099	Installation, Maintenance, and Repair Workers, All Other	170	180	10	5.9%	<5	<5	<5	Moderate-term on-the-job training	\$30,499	\$11.16	\$16.42
51-0000	Production Occupations	24,020	23,930	-90	-0.4%	0	490	490		\$31,880	\$10.11	\$17.93
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,580	1,580	0	0.0%	<5	30	30	Work experience in a related occupation	\$49,660	\$15.45	\$28.09
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2021	Coil Winders, Tapers, and Finishers	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
51-2022	Electrical and Electronic Equipment Assemblers	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
51-2023	Electromechanical Equipment Assemblers	90	80	-10	-11.1%	0	<5	<5	Short-term on-the-job training	\$35,186	\$12.06	\$19.34
51-2031	Engine and Other Machine Assemblers	90	90	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$34,567	\$12.95	\$18.45
51-2041	Structural Metal Fabricators and Fitters	280	300	20	7.1%	<5	10	10	Moderate-term on-the-job training	\$35,729	\$14.40	\$18.56
51-2091	Fiberglass Laminators and Fabricators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2092	Team Assemblers	3,100	3,160	60	1.9%	10	60	70	Moderate-term on-the-job training	\$26,166	\$8.69	\$14.52
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2099	Assemblers and Fabricators, All Other	580	550	-30	-5.2%	0	10	10	Moderate-term on-the-job training	\$25,279	\$9.43	\$13.51
51-3011	Bakers	230	250	20	8.7%	<5	10	10	Long-term on-the-job training	\$22,171	\$8.12	\$11.93
51-3021	Butchers and Meat Cutters	190	190	0	0.0%	<5	10	10	Long-term on-the-job training	\$30,147	\$9.89	\$16.79
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$21,491	\$7.71	\$11.64
51-3023	Slaughterers and Meat Packers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-3092	Food Batchmakers	280	300	20	7.1%	<5	10	10	Short-term on-the-job training	\$30,130	\$11.25	\$16.10
51-3093	Food Cooking Machine Operators and Tenders	120	110	-10	-8.3%	0	10	10	Short-term on-the-job training	\$27,712	\$8.93	\$15.52
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	420	460	40	9.5%	<5	10	10	Moderate-term on-the-job training	\$33,865	\$13.45	\$17.70
51-4012	Numerical Tool and Process Control Programmers	30	30	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$36,457	\$15.81	\$18.39
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	90	90	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,821	\$11.80	\$16.33
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,648	\$12.63	\$17.23
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	730	680	-50	-6.8%	0	20	20	Moderate-term on-the-job training	\$30,971	\$11.55	\$16.56
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	90	80	-10	-11.1%	0	<5	<5	Moderate-term on-the-job training	\$32,771	\$13.01	\$17.13

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51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	230	230	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,484	\$12.06	\$18.12
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	130	110	-20	-15.4%	0	<5	<5	Moderate-term on-the-job training	\$33,630	\$11.64	\$18.43
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	60	50	-10	-16.7%	0	<5	<5	Moderate-term on-the-job training	\$32,678	\$10.14	\$18.49
51-4041	Machinists	660	690	30	4.5%	<5	10	10	Long-term on-the-job training	\$37,299	\$12.48	\$20.66
51-4051	Metal-Refining Furnace Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4052	Pourers and Casters, Metal	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4061	Model Makers, Metal and Plastic	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-4062	Patternmakers, Metal and Plastic	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-4071	Foundry Mold and Coremakers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4.3%	0	10	10	Moderate-term on-the-job training	\$24,383	\$8.85	\$13.16
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	310	350	40	12.9%	<5	10	10	Moderate-term on-the-job training	\$34,155	\$12.90	\$18.18
51-4111	Tool and Die Makers	170	180	10	5.9%	<5	<5	<5	Long-term on-the-job training	\$46,679	\$17.55	\$24.89
51-4121	Welders, Cutters, Solderers, and Brazers	780	850	70	9.0%	10	20	30	Postsecondary vocational training	\$34,430	\$13.02	\$18.32
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	200	220	20	10.0%	<5	<5	<5	Postsecondary vocational training	\$31,031	\$11.24	\$16.76
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4192	Lay-Out Workers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	70	10	16.7%	<5	<5	<5	Moderate-term on-the-job training	\$26,994	\$10.35	\$14.29
51-4194	Tool Grinders, Filers, and Sharpeners	60	50	-10	-16.7%	0	<5	<5	Moderate-term on-the-job training	\$28,919	\$11.30	\$15.21
51-4199	Metal Workers and Plastic Workers, All Other	100	70	-30	-30.0%	0	<5	<5	Moderate-term on-the-job training	\$38,477	\$15.41	\$20.04
51-5011	Bindery Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-5012	Bookbinders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-5021	Job Printers	90	90	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$32,864	\$11.46	\$17.97
51-5022	Prepress Technicians and Workers	110	100	-10	-9.1%	0	<5	<5	Postsecondary vocational training	\$34,327	\$12.14	\$18.68
51-5023	Printing Machine Operators	410	430	20	4.9%	<5	10	10	Moderate-term on-the-job training	\$35,796	\$13.10	\$19.26
51-6011	Laundry and Dry-Cleaning Workers	280	310	30	10.7%	<5	10	10	Moderate-term on-the-job training	\$20,492	\$7.59	\$10.98
51-6021	Pressers, Textile, Garment, and Related Materials	30	30	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$16,653	\$6.41	\$8.80
51-6031	Sewing Machine Operators	230	230	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$22,148	\$7.80	\$12.07
51-6041	Shoe and Leather Workers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6042	Shoe Machine Operators and Tenders	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*
51-6051	Sewers, Hand	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-6052	Tailors, Dressmakers, and Custom Sewers	70	70	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$26,303	\$10.56	\$13.69

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51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6092	Fabric and Apparel Patternmakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6093	Upholsterers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6099	Textile, Apparel, and Furnishings Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-7011	Cabinetmakers and Bench Carpenters	290	310	20	6.9%	<5	10	10	Long-term on-the-job training	\$27,795	\$10.49	\$14.80
51-7021	Furniture Finishers	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$21,831	\$7.88	\$11.81
51-7031	Model Makers, Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-7032	Patternmakers, Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	650	690	40	6.2%	<5	10	10	Moderate-term on-the-job training	\$27,153	\$9.97	\$14.60
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,080	1,180	100	9.3%	10	30	40	Moderate-term on-the-job training	\$26,275	\$10.05	\$13.92
51-7099	Woodworkers, All Other	90	90	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,314	\$8.26	\$14.12
51-8011	Nuclear Power Reactor Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8012	Power Distributors and Dispatchers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8013	Power Plant Operators	*	*	*	*	0	<5	<5	Long-term on-the-job training	\$60,601	\$21.16	\$33.12
51-8021	Stationary Engineers and Boiler Operators	90	90	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,879	\$16.92	\$24.63
51-8031	Water and Liquid Waste Treatment Plant and System Operators	200	210	10	5.0%	<5	<5	<5	Long-term on-the-job training	\$37,773	\$11.68	\$21.40
51-8091	Chemical Plant and System Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8092	Gas Plant Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8099	Plant and System Operators, All Other	*	*	*	*	0	<5	<5	Long-term on-the-job training	*	*	*
51-9011	Chemical Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	140	130	-10	-7.1%	0	<5	<5	Moderate-term on-the-job training	\$33,357	\$11.70	\$18.20
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	120	110	-10	-8.3%	0	<5	<5	Moderate-term on-the-job training	\$36,754	\$12.70	\$20.16
51-9022	Grinding and Polishing Workers, Hand	70	80	10	14.3%	<5	<5	<5	Moderate-term on-the-job training	\$26,897	\$10.47	\$14.16
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	360	350	-10	-2.8%	0	10	10	Moderate-term on-the-job training	\$35,875	\$11.46	\$20.14
51-9031	Cutters and Trimmers, Hand	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$27,253	\$9.64	\$14.84

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Average Annual Openings			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages		
		2006	2016	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Avg. Ann. Salary ⁽⁵⁾	Entry Level Wage ⁽⁶⁾	Experienced Wage ⁽⁷⁾
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	410	400	-10	-2.4%	0	10	10	Moderate-term on-the-job training	\$35,256	\$12.55	\$19.15
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	150	160	10	6.7%	<5	<5	<5	Moderate-term on-the-job training	\$28,395	\$10.27	\$15.34
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,030	\$8.86	\$18.67
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,010	1,010	0	0.0%	<5	20	20	Moderate-term on-the-job training	\$32,550	\$10.94	\$18.00
51-9071	Jewelers and Precious Stone and Metal Workers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
51-9081	Dental Laboratory Technicians	110	130	20	18.2%	<5	<5	<5	Long-term on-the-job training	\$35,073	\$10.99	\$19.80
51-9082	Medical Appliance Technicians	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9083	Ophthalmic Laboratory Technicians	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$35,291	\$13.00	\$18.95
51-9111	Packaging and Filling Machine Operators and Tenders	1,010	920	-90	-8.9%	0	20	20	Short-term on-the-job training	\$24,295	\$8.42	\$13.31
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	310	300	-10	-3.2%	0	10	10	Moderate-term on-the-job training	\$34,311	\$12.70	\$18.39
51-9122	Painters, Transportation Equipment	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$47,072	\$18.91	\$24.49
51-9123	Painting, Coating, and Decorating Workers	50	60	10	20.0%	<5	<5	<5	Short-term on-the-job training	\$24,452	\$9.65	\$12.81
51-9131	Photographic Process Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9132	Photographic Processing Machine Operators	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
51-9191	Cementing and Gluing Machine Operators and Tenders	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,318	\$11.04	\$17.79
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9193	Cooling and Freezing Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9194	Etchers and Engravers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	130	140	10	7.7%	<5	<5	<5	Moderate-term on-the-job training	\$27,755	\$10.92	\$14.55
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,510	1,360	-150	-9.9%	0	40	40	Moderate-term on-the-job training	\$37,615	\$12.59	\$20.83
51-9197	Tire Builders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9198	Helpers--Production Workers	1,480	1,450	-30	-2.0%	0	40	40	Short-term on-the-job training	\$26,653	\$8.57	\$14.94
51-9199	Production Workers, All Other	820	780	-40	-4.9%	0	20	20	Moderate-term on-the-job training	\$32,258	\$9.86	\$18.33
53-0000	Transportation and Material Moving Occupations	19,420	19,740	320	1.6%	30	420	450		\$31,319	\$8.50	\$18.34
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$32,241	\$14.76	\$15.87
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	360	390	30	8.3%	<5	10	10	Work experience in a related occupation	\$44,400	\$12.42	\$25.81
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	400	430	30	7.5%	<5	10	10	Work experience in a related occupation	\$49,778	\$16.14	\$27.83
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
53-2012	Commercial Pilots	30	30	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$72,792	*	*
53-2021	Air Traffic Controllers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
53-2022	Airfield Operations Specialists	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Average Annual Openings			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages		
		2006	2016	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Avg. Ann. Salary ⁽⁵⁾	Entry Level Wage ⁽⁶⁾	Experienced Wage ⁽⁷⁾
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	30	40	10	33.3%	<5	<5	<5	Moderate-term on-the-job training	\$17,795	\$6.37	\$9.65
53-3021	Bus Drivers, Transit and Intercity	170	180	10	5.9%	<5	<5	<5	Moderate-term on-the-job training	\$25,234	\$9.73	\$13.34
53-3022	Bus Drivers, School	860	960	100	11.6%	10	10	20	Moderate-term on-the-job training	\$25,554	\$9.24	\$13.81
53-3031	Driver/Sales Workers	580	530	-50	-8.6%	0	10	10	Short-term on-the-job training	\$24,626	\$7.70	\$13.91
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,700	6,340	640	11.2%	60	100	160	Moderate-term on-the-job training	\$42,518	\$12.79	\$24.27
53-3033	Truck Drivers, Light or Delivery Services	1,490	1,610	120	8.1%	10	30	40	Short-term on-the-job training	\$23,921	\$7.99	\$13.26
53-3041	Taxi Drivers and Chauffeurs	290	320	30	10.3%	<5	<5	<5	Short-term on-the-job training	\$19,595	\$7.22	\$10.52
53-3099	Motor Vehicle Operators, All Other	160	180	20	12.5%	<5	<5	<5	Short-term on-the-job training	\$17,953	\$6.38	\$9.76
53-4011	Locomotive Engineers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-4021	Railroad Brake, Signal, and Switch Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-4031	Railroad Conductors and Yardmasters	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-5011	Sailors and Marine Oilers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-5021	Captains, Mates, and Pilots of Water Vessels	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-5022	Motorboat Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-6011	Bridge and Lock Tenders	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6021	Parking Lot Attendants	100	100	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$22,177	\$8.94	\$11.52
53-6031	Service Station Attendants	90	100	10	11.1%	<5	<5	<5	Short-term on-the-job training	\$20,429	\$7.40	\$11.03
53-6041	Traffic Technicians	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6051	Transportation Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-6099	Transportation Workers, All Other	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$42,479	\$9.41	\$25.93
53-7011	Conveyor Operators and Tenders	100	90	-10	-10.0%	0	<5	<5	Short-term on-the-job training	\$26,098	\$9.07	\$14.29
53-7021	Crane and Tower Operators	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,048	\$17.59	\$23.69
53-7032	Excavating and Loading Machine and Dragline Operators	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,748	\$12.60	\$15.87
53-7033	Loading Machine Operators, Underground Mining	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7041	Hoist and Winch Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7051	Industrial Truck and Tractor Operators	1,390	1,290	-100	-7.2%	0	40	40	Short-term on-the-job training	\$30,166	\$11.14	\$16.18
53-7061	Cleaners of Vehicles and Equipment	500	540	40	8.0%	<5	20	20	Short-term on-the-job training	\$19,623	\$6.51	\$10.90
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,380	4,160	-220	-5.0%	0	140	140	Short-term on-the-job training	\$26,710	\$7.86	\$15.33
53-7063	Machine Feeders and Offbearers	550	470	-80	-14.5%	0	10	10	Short-term on-the-job training	\$33,880	\$8.53	\$20.17
53-7064	Packers and Packagers, Hand	1,860	1,590	-270	-14.5%	0	20	20	Short-term on-the-job training	\$20,290	\$6.89	\$11.19
53-7071	Gas Compressor and Gas Pumping Station Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7072	Pump Operators, Except Wellhead Pumps	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7081	Refuse and Recyclable Material Collectors	90	90	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$23,206	\$6.76	\$13.35
53-7111	Shuttle Car Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-7121	Tank Car, Truck, and Ship Loaders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7199	Material Moving Workers, All Other	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$17,741	\$6.61	\$9.49

See notes on the last page.

Notes:

- (1) **Employment** is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment does not include jobs among self-employed, unpaid family workers, or railroad workers. Employment is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to rounding.
- (2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.
- (3) **Total openings** are the sum of new jobs and replacements. Total openings are an indication of how many new people are needed to enter a given occupation.
- (4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in the occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.
Short-Term On-the-Job Training: These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.
Moderate-Term On-the-Job Training: Training for these occupations usually occurs at the workplace and lasts from one to twelve months.
Long-Term On-the-Job Training: These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.
Work Experience in Related Occupation: Occupations in this category require skills and experience gained in other jobs.
Postsecondary Vocational Training: These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.
Associate Degree: This degree requires two years of full-time academic work beyond high school.
Bachelor's Degree: This degree requires four or five years of full-time academic work at a college or university.
Master's Degree: This degree requires one to two years of full-time study beyond a bachelor's degree.
Doctoral Degree: This degree usually requires at least three years of full-time study beyond a bachelor's degree.
First Professional Degree: These degrees typically require at least two years of full-time study beyond a bachelor's degree.
Bachelor's or higher degree, plus work experience: These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.

- (5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.
- (6) **Entry Level Wage** is the average of the lower third of wages.
- (7) **Experienced Wage** is the average of the upper two-thirds of wages.
- (8) Either a bachelor's or an associate degree is accepted in this occupation. It depends on the specifics of the position and the employer.

* Information is not available.

Information is derived using the 2006 OES Survey, 2006 QCEW and 2006 CES data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy from 2006 to 2016. It is important to note that unanticipated events may affect the accuracy of these projections.

Source: Office of Economic Advisors, Wisconsin Department of Workforce Development, November 2008

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