

Milwaukee/WOW Wisconsin Occupation Projections, 2006-2008

Detailed Occupational Trends

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
00-0000	Total, All Occupations	827,120	842,460	15,340	1.9%	7,670	20,220	27,890		\$39,981	\$8.95	\$24.36
11-0000	Management Occupations	31,330	32,160	830	2.6%	420	520	940		\$94,467	\$24.26	\$55.99
11-1011	Chief Executives	1,360	1,400	40	2.9%	20	20	40	Bachelor's or higher degree + work experience	\$164,257	\$49.58	\$93.67
11-1021	General and Operations Managers	8,340	8,550	210	2.5%	110	140	250	Bachelor's or higher degree + work experience	\$109,222	\$26.04	\$65.74
11-1031	Legislators	870	860	-10	-1.1%	0	10	10	Bachelor's or higher degree + work experience	\$23,016	\$6.40	\$13.40
11-2011	Advertising and Promotions Managers	180	190	10	5.6%	10	<5	10	Bachelor's or higher degree + work experience	\$80,681	\$22.86	\$46.75
11-2021	Marketing Managers	650	680	30	4.6%	20	10	30	Bachelor's or higher degree + work experience	\$103,841	\$29.02	\$60.38
11-2022	Sales Managers	1,730	1,780	50	2.9%	30	30	60	Bachelor's or higher degree + work experience	\$104,653	\$27.63	\$61.66
11-2031	Public Relations Managers	210	220	10	4.8%	10	<5	10	Bachelor's or higher degree + work experience	\$79,357	\$21.77	\$46.34
11-3011	Administrative Services Managers	980	1,000	20	2.0%	10	20	30	Bachelor's or higher degree + work experience	\$78,166	\$24.70	\$44.02
11-3021	Computer and Information Systems Managers	1,640	1,710	70	4.3%	40	30	70	Bachelor's or higher degree + work experience	\$100,036	\$32.49	\$55.90
11-3031	Financial Managers	2,120	2,180	60	2.8%	30	30	60	Bachelor's or higher degree + work experience	\$107,111	\$31.97	\$61.26
11-3041	Compensation and Benefits Managers	270	280	10	3.7%	10	<5	10	Bachelor's or higher degree + work experience	\$74,955	\$24.79	\$41.66
11-3042	Training and Development Managers	180	200	20	11.1%	10	<5	10	Bachelor's or higher degree + work experience	\$72,085	\$20.23	\$41.87
11-3049	Human Resources Managers, All Other	340	350	10	2.9%	10	10	20	Bachelor's or higher degree + work experience	\$95,784	\$29.43	\$54.36
11-3051	Industrial Production Managers	1,590	1,620	30	1.9%	20	30	50	Bachelor's or higher degree + work experience	\$83,024	\$27.37	\$46.19
11-3061	Purchasing Managers	470	470	0	0.0%	<5	<5	10	Bachelor's or higher degree + work experience	\$79,285	\$24.70	\$44.83
11-3071	Transportation, Storage, and Distribution Managers	480	500	20	4.2%	10	10	20	Work experience in a related occupation	\$76,913	\$24.24	\$43.35
11-9011	Farm, Ranch, and Other Agricultural Managers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
11-9021	Construction Managers	610	610	0	0.0%	<5	10	10	Bachelor's degree	\$92,010	\$30.68	\$51.01
11-9031	Education Administrators, Preschool and Child Care Center/Program	330	340	10	3.0%	10	10	20	Bachelor's or higher degree + work experience	\$68,356	\$14.65	\$41.97
11-9032	Education Administrators, Elementary and Secondary School	1,020	1,020	0	0.0%	<5	20	20	Bachelor's or higher degree + work experience	\$87,249	*	*
11-9033	Education Administrators, Postsecondary	840	850	10	1.2%	10	20	30	Bachelor's or higher degree + work experience	\$68,968	\$20.66	\$39.41
11-9039	Education Administrators, All Other	130	130	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$74,567	\$23.48	\$42.03
11-9041	Engineering Managers	1,160	1,200	40	3.4%	20	20	40	Bachelor's or higher degree + work experience	\$96,817	\$34.37	\$52.64
11-9051	Food Service Managers	1,100	1,140	40	3.6%	20	20	40	Work experience in a related occupation	\$50,611	\$16.58	\$28.21
11-9061	Funeral Directors	230	230	0	0.0%	<5	10	10	Associate degree	\$55,605	\$17.19	\$31.51
11-9071	Gaming Managers	30	30	0	0.0%	<5	<5	<5	Work experience in a related occupation	*	*	*
11-9081	Lodging Managers	100	100	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$58,472	\$16.89	\$33.72
11-9111	Medical and Health Services Managers	1,210	1,260	50	4.1%	30	20	50	Bachelor's or higher degree + work experience	\$83,637	\$27.10	\$46.77
11-9121	Natural Sciences Managers	130	130	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$106,759	\$33.24	\$60.37
11-9131	Postmasters and Mail Superintendents	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
11-9141	Property, Real Estate, and Community Association Managers	270	280	10	3.7%	10	10	20	Bachelor's degree	\$73,210	\$19.38	\$43.11
11-9151	Social and Community Service Managers	690	720	30	4.3%	20	10	30	Bachelor's degree	\$53,161	\$18.04	\$29.32
11-9199	Managers, All Other	1,850	1,900	50	2.7%	30	30	60	Work experience in a related occupation	\$91,753	\$27.52	\$52.41
13-0000	Business and Financial Operations Occupations	37,590	38,780	1,190	3.2%	600	600	1,200		\$57,851	\$16.28	\$33.58
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
13-1021	Purchasing Agents and Buyers, Farm Products	*	*	*	*	<5	10	10	Work experience in a related occupation	*	*	*
13-1022	Wholesale and Retail Buyers, Except Farm Products	710	720	10	1.4%	10	20	30	Bachelor's degree	\$47,095	\$14.65	\$26.64
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	2,500	2,550	50	2.0%	30	60	90	Bachelor's degree	\$50,329	\$16.92	\$27.83
13-1031	Claims Adjusters, Examiners, and Investigators	1,670	1,710	40	2.4%	20	20	40	Long-term on-the-job training	\$52,464	\$16.80	\$29.44
13-1032	Insurance Appraisers, Auto Damage	90	90	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$41,570	\$15.97	\$21.99

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		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,000	1,010	10	1.0%	10	20	30	Long-term on-the-job training	\$49,053	\$15.14	\$27.80
13-1051	Cost Estimators	1,410	1,450	40	2.8%	20	30	50	Bachelor's degree	\$56,168	\$18.39	\$31.31
13-1061	Emergency Management Specialists	70	70	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$54,701	\$19.04	\$29.93
13-1071	Employment, Recruitment, and Placement Specialists	*	*	*	*	40	20	60	Bachelor's degree	*	*	*
13-1072	Compensation, Benefits, and Job Analysis Specialists	660	690	30	4.5%	20	10	30	Bachelor's degree	\$51,843	\$17.85	\$28.46
13-1073	Training and Development Specialists	1,100	1,140	40	3.6%	20	10	30	Bachelor's degree	\$47,778	\$14.98	\$26.96
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	2,370	2,380	10	0.4%	10	40	50	Bachelor's degree	\$42,206	\$8.39	\$26.24
13-1081	Logisticians	520	530	10	1.9%	10	10	20	Bachelor's degree	\$61,880	\$22.75	\$33.25
13-1111	Management Analysts	1,990	2,090	100	5.0%	50	20	70	Bachelor's or higher degree + work experience	\$56,614	\$15.44	\$33.11
13-1121	Meeting and Convention Planners	190	200	10	5.3%	10	<5	10	Bachelor's degree	\$37,561	\$14.07	\$20.05
13-1199	Business Operations Specialists, All Other	6,580	6,900	320	4.9%	160	100	260	Bachelor's degree	\$58,498	\$15.81	\$34.28
13-2011	Accountants and Auditors	7,230	7,520	290	4.0%	150	130	280	Bachelor's degree	\$61,991	\$19.89	\$34.76
13-2021	Appraisers and Assessors of Real Estate	400	410	10	2.5%	10	10	20	Postsecondary vocational training	\$46,236	\$9.31	\$28.69
13-2031	Budget Analysts	170	170	0	0.0%	<5	<5	<5	Bachelor's degree	\$63,764	\$22.85	\$34.56
13-2041	Credit Analysts	330	320	-10	-3.0%	0	10	10	Bachelor's degree	\$56,759	\$17.13	\$32.37
13-2051	Financial Analysts	800	830	30	3.8%	20	10	30	Bachelor's degree	\$65,964	\$19.13	\$38.01
13-2052	Personal Financial Advisors	1,080	1,130	50	4.6%	30	10	40	Bachelor's degree	\$79,627	\$19.40	\$47.72
13-2053	Insurance Underwriters	740	750	10	1.4%	10	10	20	Bachelor's degree	\$52,476	\$17.03	\$29.33
13-2061	Financial Examiners	140	140	0	0.0%	<5	<5	<5	Bachelor's degree	\$64,798	\$19.66	\$36.90
13-2071	Loan Counselors	60	60	0	0.0%	<5	<5	<5	Bachelor's degree	\$41,828	\$16.28	\$22.02
13-2072	Loan Officers	2,930	2,960	30	1.0%	20	40	60	Bachelor's degree	\$59,394	\$14.14	\$35.76
13-2081	Tax Examiners, Collectors, and Revenue Agents	170	170	0	0.0%	<5	<5	<5	Bachelor's degree	\$68,074	\$23.08	\$37.55
13-2082	Tax Preparers	660	670	10	1.5%	10	10	20	Moderate-term on-the-job training	\$31,369	\$11.66	\$16.79
13-2099	Financial Specialists, All Other	570	590	20	3.5%	10	10	20	Bachelor's degree	\$69,439	\$16.56	\$41.79
15-0000	Computer and Mathematical Occupations	18,330	19,260	930	5.1%	470	210	680		\$63,241	\$19.55	\$35.83
15-1011	Computer and Information Scientists, Research	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
15-1021	Computer Programmers	2,180	2,160	-20	-0.9%	0	50	50	Bachelor's degree	\$66,488	\$21.36	\$37.27
15-1031	Computer Software Engineers, Applications	3,420	3,680	260	7.6%	130	30	160	Bachelor's degree	\$70,249	\$24.41	\$38.45
15-1032	Computer Software Engineers, Systems Software	1,200	1,290	90	7.5%	50	10	60	Bachelor's degree	\$74,304	\$27.51	\$39.83
15-1041	Computer Support Specialists	3,050	3,150	100	3.3%	50	30	80	Associate degree	\$41,713	\$14.31	\$22.93
15-1051	Computer Systems Analysts	3,670	3,860	190	5.2%	100	40	140	Bachelor's degree	\$65,146	\$22.17	\$35.90
15-1061	Database Administrators	530	560	30	5.7%	20	10	30	Bachelor's degree	\$67,580	\$22.23	\$37.62
15-1071	Network and Computer Systems Administrators	1,800	1,910	110	6.1%	60	20	80	Bachelor's degree	\$61,335	\$20.23	\$34.12
15-1081	Network Systems and Data Communications Analysts	1,460	1,600	140	9.6%	70	20	90	Bachelor's degree	\$60,666	\$21.48	\$33.01
15-1099	Computer Specialists, All Other	460	470	10	2.2%	10	10	20	Associate degree	\$55,397	\$12.40	\$33.75
15-2011	Actuaries	*	*	*	*	10	10	20	Bachelor's or higher degree + work experience	*	*	*
15-2021	Mathematicians	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
15-2031	Operations Research Analysts	200	210	10	5.0%	10	<5	10	Master's degree	\$58,098	\$19.13	\$32.33
15-2041	Statisticians	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
15-2091	Mathematical Technicians	0	0	0	0.0%	<5	<5	<5	Master's degree	*	*	*
15-2099	Mathematical Science Occupations, All Other	10	10	0	0.0%	<5	<5	<5	Master's degree	*	*	*
17-0000	Architecture and Engineering Occupations	16,390	16,900	510	3.1%	260	360	620		\$60,242	\$18.48	\$34.20
17-1011	Architects, Except Landscape and Naval	440	460	20	4.5%	10	10	20	Bachelor's degree	\$60,726	\$20.88	\$33.35
17-1012	Landscape Architects	140	140	0	0.0%	<5	<5	<5	Bachelor's degree	\$60,780	\$21.24	\$33.21
17-1021	Cartographers and Photogrammetrists	60	60	0	0.0%	<5	<5	<5	Bachelor's degree	\$54,138	\$20.60	\$28.74
17-1022	Surveyors	430	440	10	2.3%	10	20	30	Bachelor's degree	\$51,515	\$17.64	\$28.33
17-2011	Aerospace Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2021	Agricultural Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2031	Biomedical Engineers	200	210	10	5.0%	10	<5	10	Bachelor's degree	\$82,964	\$29.19	\$45.23
17-2041	Chemical Engineers	80	80	0	0.0%	<5	<5	<5	Bachelor's degree	\$70,285	\$29.64	\$35.87

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17-2051	Civil Engineers	1,110	1,140	30	2.7%	20	20	40	Bachelor's degree	\$64,008	\$24.27	\$34.02
17-2061	Computer Hardware Engineers	*	*	*	*	20	10	30	Bachelor's degree	*	*	*
17-2071	Electrical Engineers	1,440	1,490	50	3.5%	30	30	60	Bachelor's degree	\$88,447	\$27.77	\$49.90
17-2072	Electronics Engineers, Except Computer	850	860	10	1.2%	10	20	30	Bachelor's degree	\$72,825	\$25.82	\$39.61
17-2081	Environmental Engineers	310	340	30	9.7%	20	10	30	Bachelor's degree	\$66,793	\$22.97	\$36.68
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	80	90	10	12.5%	10	<5	10	Bachelor's degree	\$64,516	\$23.55	\$34.75
17-2112	Industrial Engineers	1,630	1,690	60	3.7%	30	40	70	Bachelor's degree	\$61,953	\$21.88	\$33.74
17-2121	Marine Engineers and Naval Architects	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2131	Materials Engineers	140	150	10	7.1%	10	<5	10	Bachelor's degree	\$69,754	\$21.94	\$39.33
17-2141	Mechanical Engineers	2,280	2,350	70	3.1%	40	60	100	Bachelor's degree	\$64,227	\$22.81	\$34.92
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2161	Nuclear Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2199	Engineers, All Other	610	650	40	6.6%	20	10	30	Bachelor's degree	\$65,851	\$21.27	\$36.86
17-3011	Architectural and Civil Drafters	530	530	0	0.0%	<5	20	20	Postsecondary vocational training	\$43,734	\$15.58	\$23.75
17-3012	Electrical and Electronics Drafters	320	330	10	3.1%	10	10	20	Postsecondary vocational training	\$47,791	\$15.69	\$26.62
17-3013	Mechanical Drafters	1,220	1,240	20	1.6%	10	30	40	Postsecondary vocational training	\$44,478	\$14.52	\$24.81
17-3019	Drafters, All Other	90	100	10	11.1%	10	<5	10	Postsecondary vocational training	\$45,132	\$16.07	\$24.51
17-3021	Aerospace Engineering and Operations Technicians	10	10	0	0.0%	<5	<5	<5	Associate degree	*	*	*
17-3022	Civil Engineering Technicians	490	510	20	4.1%	10	10	20	Associate degree	\$43,615	\$15.68	\$23.61
17-3023	Electrical and Electronic Engineering Technicians	1,450	1,480	30	2.1%	20	30	50	Associate degree	\$44,782	\$16.04	\$24.28
17-3024	Electro-Mechanical Technicians	250	260	10	4.0%	10	10	20	Associate degree	\$44,679	\$13.70	\$25.37
17-3025	Environmental Engineering Technicians	80	80	0	0.0%	<5	<5	<5	Associate degree	\$44,644	\$15.75	\$24.32
17-3026	Industrial Engineering Technicians	520	530	10	1.9%	10	10	20	Associate degree	\$44,081	\$16.31	\$23.64
17-3027	Mechanical Engineering Technicians	410	420	10	2.4%	10	10	20	Associate degree	\$49,176	\$17.64	\$26.64
17-3029	Engineering Technicians, Except Drafters, All Other	270	290	20	7.4%	10	10	20	Associate degree	\$48,237	\$15.89	\$26.84
17-3031	Surveying and Mapping Technicians	330	340	10	3.0%	10	10	20	Moderate-term on-the-job training	\$41,007	\$13.15	\$23.00
19-0000	Life, Physical, and Social Science Occupations	7,400	7,670	270	3.6%	140	180	320		\$64,501	\$16.92	\$38.05
19-1011	Animal Scientists	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$48,376	\$19.70	\$25.03
19-1012	Food Scientists and Technologists	110	110	0	0.0%	<5	<5	<5	Bachelor's degree	\$65,732	\$17.28	\$38.76
19-1013	Soil and Plant Scientists	*	*	*	*	10	<5	10	Bachelor's degree	*	*	*
19-1021	Biochemists and Biophysicists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1022	Microbiologists	160	160	0	0.0%	<5	10	10	Doctoral degree	\$58,901	\$16.35	\$34.30
19-1023	Zoologists and Wildlife Biologists	80	80	0	0.0%	<5	<5	<5	Doctoral degree	\$59,992	\$21.62	\$32.45
19-1029	Biological Scientists, All Other	140	150	10	7.1%	10	10	20	Doctoral degree	\$62,115	\$19.33	\$35.13
19-1031	Conservation Scientists	140	140	0	0.0%	<5	<5	<5	Bachelor's degree	\$60,576	\$20.24	\$33.56
19-1032	Foresters	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-1041	Epidemiologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-1042	Medical Scientists, Except Epidemiologists	430	450	20	4.7%	10	10	20	Doctoral degree	\$72,364	\$21.33	\$41.52
19-1099	Life Scientists, All Other	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$52,366	\$14.24	\$30.65
19-2011	Astronomers	10	10	0	0.0%	<5	<5	<5	Doctoral degree	*	*	*
19-2012	Physicists	100	100	0	0.0%	<5	<5	<5	Doctoral degree	\$98,266	\$17.13	\$62.30
19-2021	Atmospheric and Space Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2031	Chemists	680	710	30	4.4%	20	20	40	Bachelor's degree	\$60,547	\$18.43	\$34.45
19-2032	Materials Scientists	*	*	*	*	10	10	20	Bachelor's degree	*	*	*
19-2041	Environmental Scientists and Specialists, Including Health	340	350	10	2.9%	10	10	20	Master's degree	\$88,140	\$20.53	\$53.30
19-2042	Geoscientists, Except Hydrologists and Geographers	70	70	0	0.0%	<5	<5	<5	Master's degree	\$71,123	\$21.01	\$40.79
19-2043	Hydrologists	90	100	10	11.1%	10	<5	10	Master's degree	\$56,798	\$21.48	\$30.22
19-2099	Physical Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*

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19-3011	Economists	80	80	0	0.0%	<5	<5	<5	Master's degree	\$76,547	\$25.80	\$42.30
19-3021	Market Research Analysts	1,530	1,600	70	4.6%	40	40	80	Master's degree	\$75,525	\$18.39	\$45.27
19-3022	Survey Researchers	60	70	10	16.7%	10	<5	10	Master's degree	\$51,600	\$13.17	\$30.63
19-3031	Clinical, Counseling, and School Psychologists	630	650	20	3.2%	10	10	20	Doctoral degree	\$77,597	\$20.29	\$45.82
19-3039	Psychologists, All Other	40	40	0	0.0%	<5	<5	<5	Master's degree	\$72,002	\$22.86	\$40.49
19-3041	Sociologists	40	40	0	0.0%	<5	<5	<5	Master's degree	\$54,746	\$20.46	\$29.25
19-3051	Urban and Regional Planners	*	*	*	*	<5	10	10	Master's degree	*	*	*
19-3091	Anthropologists and Archeologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3092	Geographers	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3093	Historians	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3094	Political Scientists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3099	Social Scientists and Related Workers, All Other	100	100	0	0.0%	<5	<5	<5	Master's degree	\$69,191	\$24.74	\$37.53
19-4011	Agricultural and Food Science Technicians	150	150	0	0.0%	<5	<5	<5	Associate degree	\$32,519	\$12.08	\$17.41
19-4021	Biological Technicians	270	270	0	0.0%	<5	<5	<5	Associate degree	\$42,210	\$16.15	\$22.36
19-4031	Chemical Technicians	410	420	10	2.4%	10	10	20	Associate degree	\$37,245	\$12.36	\$20.68
19-4041	Geological and Petroleum Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4061	Social Science Research Assistants	*	*	*	*	10	<5	10	Associate degree	*	*	*
19-4091	Environmental Science and Protection Technicians, Including Health	120	130	10	8.3%	10	<5	10	Associate degree	\$42,571	\$12.95	\$24.23
19-4092	Forensic Science Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4093	Forest and Conservation Technicians	130	120	-10	-7.7%	0	<5	<5	Associate degree	\$35,149	\$12.91	\$18.89
19-4099	Life, Physical, and Social Science Technicians, All Other	500	520	20	4.0%	10	10	20	Associate degree	\$39,115	\$12.55	\$21.93
21-0000	Community and Social Services Occupations	12,010	12,490	480	4.0%	240	210	450		\$40,085	\$12.88	\$22.47
21-1011	Substance Abuse and Behavioral Disorder Counselors	450	470	20	4.4%	10	10	20	Master's degree	\$40,272	\$14.00	\$22.04
21-1012	Educational, Vocational, and School Counselors	1,000	1,020	20	2.0%	10	20	30	Master's degree	\$48,205	\$14.93	\$27.30
21-1013	Marriage and Family Therapists	230	240	10	4.3%	10	10	20	Master's degree	\$60,618	\$17.81	\$34.81
21-1014	Mental Health Counselors	460	480	20	4.3%	10	10	20	Master's degree	\$37,493	\$11.39	\$21.34
21-1015	Rehabilitation Counselors	640	670	30	4.7%	20	10	30	Master's degree	\$35,405	\$10.00	\$20.53
21-1019	Counselors, All Other	200	210	10	5.0%	10	<5	10	Master's degree	\$40,471	\$15.77	\$21.30
21-1021	Child, Family, and School Social Workers	1,740	1,810	70	4.0%	40	30	70	Master's degree	\$41,652	\$14.49	\$22.79
21-1022	Medical and Public Health Social Workers	770	810	40	5.2%	20	10	30	Master's degree	\$43,928	\$16.13	\$23.61
21-1023	Mental Health and Substance Abuse Social Workers	640	670	30	4.7%	20	10	30	Master's degree	\$40,979	\$15.32	\$21.89
21-1029	Social Workers, All Other	290	290	0	0.0%	<5	10	10	Master's degree	\$55,358	\$21.56	\$29.14
21-1091	Health Educators	230	230	0	0.0%	<5	<5	<5	Master's degree	\$41,577	\$13.73	\$23.12
21-1092	Probation Officers and Correctional Treatment Specialists	160	160	0	0.0%	<5	<5	<5	Bachelor's degree	\$41,847	\$17.00	\$21.68
21-1093	Social and Human Service Assistants	2,090	2,200	110	5.3%	60	30	90	Moderate-term on-the-job training	\$29,538	\$10.59	\$16.01
21-1099	Community and Social Service Specialists, All Other	790	830	40	5.1%	20	10	30	Bachelor's degree	\$33,019	\$10.20	\$18.71
21-2011	Clergy	1,350	1,400	50	3.7%	30	30	60	Master's degree	\$44,020	\$16.87	\$23.31
21-2021	Directors, Religious Activities and Education	*	*	*	*	20	10	30	Bachelor's degree	*	*	*
21-2099	Religious Workers, All Other	*	*	*	*	10	10	20	Bachelor's degree	*	*	*
23-0000	Legal Occupations	5,060	5,100	40	0.8%	20	50	70		\$80,518	\$17.39	\$49.37
23-1011	Lawyers	2,720	2,730	10	0.4%	10	30	40	First professional degree	\$106,512	\$25.73	\$63.95
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	20	20	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$112,216	\$42.59	\$59.63
23-1022	Arbitrators, Mediators, and Conciliators	70	70	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$62,291	\$22.90	\$33.47
23-1023	Judges, Magistrate Judges, and Magistrates	70	70	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$110,744	\$48.13	\$55.80
23-2011	Paralegals and Legal Assistants	1,450	1,490	40	2.8%	20	10	30	Associate degree	\$47,960	\$15.90	\$26.64
23-2091	Court Reporters	20	20	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$37,587	\$11.28	\$21.47
23-2092	Law Clerks	100	90	-10	-10.0%	0	<5	<5	Bachelor's degree	\$43,179	\$14.71	\$23.78
23-2093	Title Examiners, Abstractors, and Searchers	470	460	-10	-2.1%	0	10	10	Moderate-term on-the-job training	\$33,847	\$11.97	\$18.42

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23-2099	Legal Support Workers, All Other	150	160	10	6.7%	10	<5	10	Bachelor's degree	\$44,664	\$16.77	\$23.83
25-0000	Education, Training, and Library Occupations	42,820	43,530	710	1.7%	360	820	1,180		\$43,282	\$11.49	\$25.47
25-1011	Business Teachers, Postsecondary	470	480	10	2.1%	10	10	20	Doctoral degree	\$68,215	*	*
25-1021	Computer Science Teachers, Postsecondary	120	120	0	0.0%	<5	<5	<5	Doctoral degree	\$58,829	*	*
25-1022	Mathematical Science Teachers, Postsecondary	240	250	10	4.2%	10	10	20	Doctoral degree	\$55,411	*	*
25-1031	Architecture Teachers, Postsecondary	20	20	0	0.0%	<5	<5	<5	Doctoral degree	\$64,446	*	*
25-1032	Engineering Teachers, Postsecondary	150	150	0	0.0%	<5	<5	<5	Doctoral degree	\$75,970	*	*
25-1041	Agricultural Sciences Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
25-1042	Biological Science Teachers, Postsecondary	170	170	0	0.0%	<5	<5	<5	Doctoral degree	\$66,679	*	*
25-1043	Forestry and Conservation Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1052	Chemistry Teachers, Postsecondary	90	90	0	0.0%	<5	<5	<5	Doctoral degree	\$62,585	*	*
25-1053	Environmental Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1054	Physics Teachers, Postsecondary	70	70	0	0.0%	<5	<5	<5	Doctoral degree	\$63,026	*	*
25-1061	Anthropology and Archeology Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	40	50	10	25.0%	10	<5	10	Doctoral degree	\$65,085	*	*
25-1063	Economics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1064	Geography Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1065	Political Science Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
25-1066	Psychology Teachers, Postsecondary	140	150	10	7.1%	10	<5	10	Doctoral degree	\$51,690	*	*
25-1067	Sociology Teachers, Postsecondary	70	70	0	0.0%	<5	<5	<5	Doctoral degree	\$57,470	*	*
25-1069	Social Sciences Teachers, Postsecondary, All Other	60	60	0	0.0%	<5	<5	<5	Doctoral degree	\$87,056	\$21.04	\$52.26
25-1071	Health Specialties Teachers, Postsecondary	760	780	20	2.6%	10	20	30	Master's degree	\$58,974	*	*
25-1072	Nursing Instructors and Teachers, Postsecondary	290	300	10	3.4%	10	10	20	Doctoral degree	\$56,803	*	*
25-1081	Education Teachers, Postsecondary	360	380	20	5.6%	10	10	20	Doctoral degree	\$53,130	*	*
25-1082	Library Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	50	60	10	20.0%	10	<5	10	Doctoral degree	\$48,987	*	*
25-1112	Law Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1113	Social Work Teachers, Postsecondary	50	50	0	0.0%	<5	<5	<5	Doctoral degree	\$60,420	*	*
25-1121	Art, Drama, and Music Teachers, Postsecondary	380	390	10	2.6%	10	10	20	Master's degree	\$56,440	*	*
25-1122	Communications Teachers, Postsecondary	190	190	0	0.0%	<5	<5	<5	Doctoral degree	\$56,740	*	*
25-1123	English Language and Literature Teachers, Postsecondary	280	290	10	3.6%	10	10	20	Doctoral degree	\$51,811	*	*
25-1124	Foreign Language and Literature Teachers, Postsecondary	160	170	10	6.3%	10	<5	10	Doctoral degree	\$59,305	*	*
25-1125	History Teachers, Postsecondary	90	100	10	11.1%	10	<5	10	Doctoral degree	\$60,366	*	*
25-1126	Philosophy and Religion Teachers, Postsecondary	80	80	0	0.0%	<5	<5	<5	Doctoral degree	\$63,935	*	*
25-1191	Graduate Teaching Assistants	810	840	30	3.7%	20	20	40	Bachelor's degree	\$24,552	*	*
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	960	990	30	3.1%	20	20	40	Work experience in a related occupation	\$57,792	\$20.71	\$31.32
25-1199	Postsecondary Teachers, All Other	730	750	20	2.7%	10	20	30	Doctoral degree	\$56,501	*	*
25-2011	Preschool Teachers, Except Special Education	2,740	2,890	150	5.5%	80	30	110	Bachelor's degree	\$22,633	\$8.16	\$12.24
25-2012	Kindergarten Teachers, Except Special Education	830	840	10	1.2%	10	10	20	Bachelor's degree	\$44,452	*	*
25-2021	Elementary School Teachers, Except Special Education	7,300	7,360	60	0.8%	30	140	170	Bachelor's degree	\$50,967	*	*

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25-2022	Middle School Teachers, Except Special and Vocational Education	3,650	3,650	0	0.0%	<5	70	70	Bachelor's degree	\$48,236	*	*
25-2023	Vocational Education Teachers, Middle School	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,400	5,410	10	0.2%	10	140	150	Bachelor's degree	\$53,717	*	*
25-2032	Vocational Education Teachers, Secondary School	*	*	*	*	<5	10	10	Bachelor's degree	*	*	*
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	850	880	30	3.5%	20	20	40	Bachelor's degree	\$47,510	*	*
25-2042	Special Education Teachers, Middle School	420	430	10	2.4%	10	10	20	Bachelor's degree	\$53,034	*	*
25-2043	Special Education Teachers, Secondary School	610	620	10	1.6%	10	10	20	Bachelor's degree	\$55,774	*	*
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	300	310	10	3.3%	10	<5	10	Bachelor's degree	\$43,321	\$14.22	\$24.13
25-3021	Self-Enrichment Education Teachers	940	970	30	3.2%	20	10	30	Work experience in a related occupation	\$38,561	\$10.92	\$22.35
25-3099	Teachers and Instructors, All Other	3,390	3,450	60	1.8%	30	40	70	Bachelor's degree	\$31,036	\$10.88	\$16.94
25-4011	Archivists	30	30	0	0.0%	<5	<5	<5	Master's degree	\$49,643	\$19.94	\$25.83
25-4012	Curators	80	70	-10	-12.5%	0	<5	<5	Master's degree	\$47,707	\$14.78	\$27.02
25-4013	Museum Technicians and Conservators	60	50	-10	-16.7%	0	<5	<5	Master's degree	\$37,328	\$11.92	\$20.96
25-4021	Librarians	670	660	-10	-1.5%	0	10	10	Master's degree	\$52,866	\$18.45	\$28.90
25-4031	Library Technicians	660	660	0	0.0%	<5	30	30	Postsecondary vocational training	\$28,025	\$8.10	\$16.16
25-9011	Audio-Visual Collections Specialists	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
25-9021	Farm and Home Management Advisors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-9031	Instructional Coordinators	350	360	10	2.9%	10	10	20	Master's degree	\$60,170	\$16.45	\$35.17
25-9041	Teacher Assistants	6,410	6,510	100	1.6%	50	110	160	Associate degree	\$26,148	*	*
25-9099	Education, Training, and Library Workers, All Other	110	110	0	0.0%	<5	<5	<5	Bachelor's degree	\$29,792	\$7.42	\$17.78
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	10,890	11,070	180	1.7%	90	200	290		\$42,870	\$11.05	\$25.39
27-1011	Art Directors	250	250	0	0.0%	<5	10	10	Bachelor's or higher degree + work experience	\$61,081	\$19.74	\$34.18
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	50	50	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$35,458	\$11.88	\$19.63
27-1021	Commercial and Industrial Designers	370	380	10	2.7%	10	10	20	Bachelor's degree	\$50,694	\$18.08	\$27.52
27-1022	Fashion Designers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1023	Floral Designers	290	280	-10	-3.4%	0	<5	<5	Moderate-term on-the-job training	\$24,612	\$8.72	\$13.39
27-1024	Graphic Designers	1,560	1,570	10	0.6%	10	20	30	Bachelor's degree	\$40,523	\$14.02	\$22.21
27-1025	Interior Designers	300	310	10	3.3%	10	<5	10	Bachelor's degree	\$40,988	\$12.48	\$23.32
27-1026	Merchandise Displayers and Window Trimmers	240	250	10	4.2%	10	<5	10	Moderate-term on-the-job training	\$30,146	\$8.73	\$17.37
27-1027	Set and Exhibit Designers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1029	Designers, All Other	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$41,568	\$11.68	\$24.14
27-2011	Actors	110	110	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	\$9.35	\$16.09
27-2012	Producers and Directors	230	230	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$57,576	\$17.60	\$32.72
27-2021	Athletes and Sports Competitors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2022	Coaches and Scouts	910	930	20	2.2%	10	20	30	Long-term on-the-job training	\$33,659	*	*
27-2023	Umpires, Referees, and Other Sports Officials	*	*	*	*	10	<5	10	Long-term on-the-job training	*	*	*
27-2031	Dancers	90	90	0	0.0%	<5	10	10	Long-term on-the-job training	*	\$7.87	\$12.53
27-2032	Choreographers	200	210	10	5.0%	10	10	20	Work experience in a related occupation	\$34,968	\$9.16	\$20.64
27-2041	Music Directors and Composers	*	*	*	*	10	10	20	Bachelor's or higher degree + work experience	*	*	*
27-2042	Musicians and Singers	*	*	*	*	20	10	30	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	260	260	0	0.0%	<5	10	10	Long-term on-the-job training	\$39,102	\$7.42	\$24.49
27-3012	Public Address System and Other Announcers	*	*	*	*	10	<5	10	Long-term on-the-job training	*	*	*
27-3021	Broadcast News Analysts	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*

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27-3022	Reporters and Correspondents	280	270	-10	-3.6%	0	10	10	Bachelor's or higher degree + work experience	\$49,359	\$13.16	\$29.02
27-3031	Public Relations Specialists	1,580	1,630	50	3.2%	30	20	50	Bachelor's degree	\$55,120	\$15.63	\$31.93
27-3041	Editors	550	550	0	0.0%	<5	10	10	Bachelor's degree	\$46,088	\$14.56	\$25.96
27-3042	Technical Writers	300	300	0	0.0%	<5	10	10	Bachelor's degree	\$51,772	\$19.62	\$27.53
27-3043	Writers and Authors	350	360	10	2.9%	10	10	20	Bachelor's degree	\$37,619	\$10.21	\$22.02
27-3091	Interpreters and Translators	250	260	10	4.0%	10	<5	10	Long-term on-the-job training	\$37,312	\$12.48	\$20.67
27-3099	Media and Communication Workers, All Other	50	50	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$57,764	\$17.97	\$32.67
27-4011	Audio and Video Equipment Technicians	160	160	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$30,301	\$8.91	\$17.40
27-4012	Broadcast Technicians	220	230	10	4.5%	10	10	20	Postsecondary vocational training	\$39,341	\$8.90	\$23.92
27-4013	Radio Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
27-4014	Sound Engineering Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
27-4021	Photographers	270	270	0	0.0%	<5	10	10	Bachelor's degree	\$36,782	\$11.31	\$20.87
27-4031	Camera Operators, Television, Video, and Motion Picture	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$40,457	\$11.11	\$23.62
27-4032	Film and Video Editors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-4099	Media and Communication Equipment Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
29-0000	Occupations	43,090	44,980	1,890	4.4%	950	720	1,670		\$67,246	\$17.13	\$39.93
29-1011	Chiropractors	270	280	10	3.7%	10	10	20	First professional degree	\$114,884	\$27.08	\$69.31
29-1021	Dentists, General	590	590	0	0.0%	<5	10	10	First professional degree	\$138,523	\$45.93	\$76.93
29-1022	Oral and Maxillofacial Surgeons	20	20	0	0.0%	<5	<5	<5	First professional degree	*	*	*
29-1023	Orthodontists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1024	Prosthodontists	10	10	0	0.0%	<5	<5	<5	First professional degree	*	*	*
29-1029	Dentists, All Other Specialists	20	20	0	0.0%	<5	<5	<5	First professional degree	\$86,252	\$26.25	\$49.08
29-1031	Dietitians and Nutritionists	330	340	10	3.0%	10	10	20	Bachelor's degree	\$51,142	\$20.05	\$26.86
29-1041	Optometrists	130	130	0	0.0%	<5	<5	<5	First professional degree	\$80,154	\$21.41	\$47.10
29-1051	Pharmacists	1,500	1,540	40	2.7%	20	30	50	First professional degree	\$98,074	\$36.60	\$52.42
29-1061	Anesthesiologists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1062	Family and General Practitioners	770	800	30	3.9%	20	10	30	First professional degree	\$174,599	*	*
29-1063	Internists, General	430	450	20	4.7%	10	10	20	First professional degree	\$189,772	*	*
29-1064	Obstetricians and Gynecologists	90	90	0	0.0%	<5	<5	<5	First professional degree	*	*	*
29-1065	Pediatricians, General	110	110	0	0.0%	<5	<5	<5	First professional degree	\$152,583	\$54.20	\$82.93
29-1066	Psychiatrists	130	140	10	7.7%	10	<5	10	First professional degree	\$170,622	*	*
29-1067	Surgeons	330	340	10	3.0%	10	<5	10	First professional degree	\$182,093	*	*
29-1069	Physicians and Surgeons, All Other	1,240	1,290	50	4.0%	30	20	50	First professional degree	\$176,919	*	*
29-1071	Physician Assistants	330	360	30	9.1%	20	10	30	Bachelor's degree	\$83,105	\$33.59	\$43.14
29-1081	Podiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1111	Registered Nurses	15,390	16,270	880	5.7%	440	290	730	Associate or Bachelor's degree ⁽⁸⁾	\$59,071	\$23.16	\$31.02
29-1121	Audiologists	70	70	0	0.0%	<5	<5	<5	Doctoral degree	\$60,263	\$23.22	\$31.85
29-1122	Occupational Therapists	760	790	30	3.9%	20	10	30	Master's degree	\$52,891	\$20.92	\$27.68
29-1123	Physical Therapists	1,130	1,190	60	5.3%	30	10	40	Master's degree	\$63,201	\$23.07	\$34.04
29-1124	Radiation Therapists	160	170	10	6.3%	10	<5	10	Associate degree	\$76,692	\$30.67	\$39.97
29-1125	Recreational Therapists	150	150	0	0.0%	<5	<5	<5	Bachelor's degree	\$35,087	\$13.00	\$18.81
29-1126	Respiratory Therapists	550	580	30	5.5%	20	20	40	Associate degree	\$52,066	\$20.98	\$27.06
29-1127	Speech-Language Pathologists	590	600	10	1.7%	10	10	20	Master's degree	\$56,288	\$20.67	\$30.26
29-1129	Therapists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	\$102,223	\$23.21	\$62.11
29-1131	Veterinarians	390	400	10	2.6%	10	10	20	First professional degree	\$91,374	\$22.38	\$54.71
29-1199	Health Diagnosing and Treating Practitioners, All Other	180	190	10	5.6%	10	<5	10	First professional degree	\$61,863	\$19.59	\$34.82
29-2011	Medical and Clinical Laboratory Technologists	1,170	1,220	50	4.3%	30	30	60	Bachelor's degree	\$51,956	\$19.22	\$27.86
29-2012	Medical and Clinical Laboratory Technicians	*	*	*	*	20	20	40	Associate degree	*	*	*
29-2021	Dental Hygienists	1,260	1,320	60	4.8%	30	10	40	Associate degree	\$54,050	\$22.58	\$27.69
29-2031	Cardiovascular Technologists and Technicians	220	230	10	4.5%	10	<5	10	Associate degree	\$45,546	\$14.41	\$25.64
29-2032	Diagnostic Medical Sonographers	290	310	20	6.9%	10	10	20	Associate degree	\$73,263	\$29.44	\$38.11

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29-2033	Nuclear Medicine Technologists	110	120	10	9.1%	10	<5	10	Associate degree	\$68,668	\$28.89	\$35.07
29-2034	Radiologic Technologists and Technicians	1,450	1,530	80	5.5%	40	20	60	Associate degree	\$51,750	\$19.93	\$27.35
29-2041	Emergency Medical Technicians and Paramedics	1,860	1,900	40	2.2%	20	20	40	Postsecondary vocational training	\$30,135	\$8.50	\$17.48
29-2051	Dietetic Technicians	150	160	10	6.7%	10	<5	10	Moderate-term on-the-job training	\$31,043	\$11.86	\$16.46
29-2052	Pharmacy Technicians	2,080	2,150	70	3.4%	40	30	70	Moderate-term on-the-job training	\$25,849	\$9.25	\$14.02
29-2053	Psychiatric Technicians	240	250	10	4.2%	10	<5	10	Moderate-term on-the-job training	\$29,454	\$11.15	\$15.67
29-2054	Respiratory Therapy Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
29-2055	Surgical Technologists	690	740	50	7.2%	30	10	40	Postsecondary vocational training	\$44,624	\$17.95	\$23.21
29-2056	Veterinary Technologists and Technicians	410	430	20	4.9%	10	10	20	Associate degree	\$25,144	\$9.99	\$13.14
29-2061	Licensed Practical and Licensed Vocational Nurses	3,260	3,310	50	1.5%	30	70	100	Postsecondary vocational training	\$41,811	\$16.64	\$21.83
29-2071	Medical Records and Health Information Technicians	1,110	1,180	70	6.3%	40	10	50	Associate degree	\$32,817	\$11.31	\$18.01
29-2081	Opticians, Dispensing	580	580	0	0.0%	<5	10	10	Long-term on-the-job training	\$31,147	\$11.46	\$16.73
29-2091	Orthotists and Prosthetists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
29-2099	Health Technologists and Technicians, All Other	700	730	30	4.3%	20	10	30	Postsecondary vocational training	\$40,728	\$14.32	\$22.21
29-9011	Occupational Health and Safety Specialists	210	210	0	0.0%	<5	<5	<5	Bachelor's degree	\$61,929	\$22.17	\$33.58
29-9012	Occupational Health and Safety Technicians	30	30	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$47,879	\$17.19	\$25.93
29-9091	Athletic Trainers	140	140	0	0.0%	<5	<5	<5	Bachelor's degree	\$42,639	*	*
29-9099	Healthcare Practitioners and Technical Workers, All Other	460	480	20	4.3%	10	10	20	Postsecondary vocational training	\$41,927	\$12.62	\$23.93
31-0000	Healthcare Support Occupations	25,570	26,690	1,120	4.4%	560	370	930		\$24,932	\$9.22	\$13.37
31-1011	Home Health Aides	5,710	6,150	440	7.7%	220	70	290	Short-term on-the-job training	\$21,146	\$8.52	\$10.99
31-1012	Nursing Aides, Orderlies, and Attendants	10,230	10,440	210	2.1%	110	120	230	Postsecondary vocational training	\$24,247	\$9.50	\$12.74
31-1013	Psychiatric Aides	*	*	*	*	10	<5	10	Short-term on-the-job training	*	*	*
31-2011	Occupational Therapist Assistants	190	200	10	5.3%	10	<5	10	Associate degree	\$37,311	\$15.45	\$19.18
31-2012	Occupational Therapist Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
31-2021	Physical Therapist Assistants	370	390	20	5.4%	10	10	20	Associate degree	\$37,057	\$13.80	\$19.83
31-2022	Physical Therapist Aides	*	*	*	*	10	10	20	Short-term on-the-job training	*	*	*
31-9011	Massage Therapists	260	270	10	3.8%	10	10	20	Postsecondary vocational training	\$25,795	\$6.60	\$15.30
31-9091	Dental Assistants	1,600	1,680	80	5.0%	40	40	80	Moderate-term on-the-job training	\$28,841	\$11.30	\$15.15
31-9092	Medical Assistants	2,220	2,370	150	6.8%	80	40	120	Moderate-term on-the-job training	\$27,992	\$10.44	\$14.96
31-9093	Medical Equipment Preparers	270	280	10	3.7%	10	10	20	Short-term on-the-job training	\$30,494	\$10.55	\$16.71
31-9094	Medical Transcriptionists	1,250	1,320	70	5.6%	40	20	60	Postsecondary vocational training	\$33,140	\$13.48	\$17.16
31-9095	Pharmacy Aides	230	240	10	4.3%	10	<5	10	Short-term on-the-job training	\$18,434	\$6.65	\$9.97
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	370	380	10	2.7%	10	10	20	Short-term on-the-job training	\$19,983	\$8.09	\$10.37
31-9099	Healthcare Support Workers, All Other	2,240	2,320	80	3.6%	40	40	80	Short-term on-the-job training	\$25,807	\$9.66	\$13.78
33-0000	Protective Service Occupations	12,660	12,770	110	0.9%	60	380	440		\$38,173	\$8.93	\$23.06
33-1011	First-Line Supervisors/Managers of Correctional Officers	120	120	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$55,075	\$23.24	\$28.10
33-1012	First-Line Supervisors/Managers of Police and Detectives	300	300	0	0.0%	<5	10	10	Work experience in a related occupation	\$70,868	\$27.84	\$37.18
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	180	180	0	0.0%	<5	10	10	Work experience in a related occupation	\$61,064	\$18.77	\$34.65
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	140	140	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$45,126	\$14.92	\$25.08
33-2011	Fire Fighters	1,810	1,850	40	2.2%	20	50	70	Long-term on-the-job training	\$35,566	\$6.34	\$22.48
33-2021	Fire Inspectors and Investigators	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$55,613	\$24.67	\$27.77
33-3011	Bailiffs	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$23,625	\$8.59	\$12.74
33-3012	Correctional Officers and Jailers	1,100	1,080	-20	-1.8%	0	20	20	Moderate-term on-the-job training	\$38,910	\$15.09	\$20.51
33-3021	Detectives and Criminal Investigators	380	390	10	2.6%	10	10	20	Work experience in a related occupation	\$61,123	\$25.84	\$31.16
33-3031	Fish and Game Wardens	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
33-3041	Parking Enforcement Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
33-3051	Police and Sheriff's Patrol Officers	2,560	2,580	20	0.8%	10	60	70	Long-term on-the-job training	\$52,077	\$19.67	\$27.72
33-3052	Transit and Railroad Police	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*

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33-9011	Animal Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9021	Private Detectives and Investigators	130	130	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$36,576	\$10.94	\$20.91
33-9031	Gaming Surveillance Officers and Gaming Investigators	80	90	10	12.5%	10	<5	10	Moderate-term on-the-job training	*	*	*
33-9032	Security Guards	4,330	4,360	30	0.7%	20	100	120	Short-term on-the-job training	\$25,272	\$8.66	\$13.89
33-9091	Crossing Guards	480	490	10	2.1%	10	20	30	Short-term on-the-job training	\$22,005	\$9.12	\$11.31
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	560	570	10	1.8%	10	60	70	Short-term on-the-job training	\$17,929	\$7.48	\$9.19
33-9099	Protective Service Workers, All Other	280	280	0	0.0%	<5	30	30	Short-term on-the-job training	\$30,560	\$10.20	\$16.94
35-0000	Food Preparation and Serving Related Occupations	66,250	68,040	1,790	2.7%	900	3,280	4,180		\$18,353	\$6.40	\$10.03
35-1011	Chefs and Head Cooks	630	650	20	3.2%	10	20	30	Postsecondary vocational training	\$37,364	\$12.54	\$20.68
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,230	4,350	120	2.8%	60	110	170	Work experience in a related occupation	\$30,549	\$10.44	\$16.81
35-2011	Cooks, Fast Food	3,060	3,150	90	2.9%	50	120	170	Short-term on-the-job training	\$17,796	\$6.46	\$9.61
35-2012	Cooks, Institution and Cafeteria	2,320	2,330	10	0.4%	10	90	100	Long-term on-the-job training	\$22,897	\$8.56	\$12.23
35-2013	Cooks, Private Household	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2014	Cooks, Restaurant	4,040	4,180	140	3.5%	70	160	230	Long-term on-the-job training	\$20,676	\$7.71	\$11.05
35-2015	Cooks, Short Order	990	1,010	20	2.0%	10	40	50	Short-term on-the-job training	\$19,440	\$7.82	\$10.11
35-2019	Cooks, All Other	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$22,555	\$8.84	\$11.85
35-2021	Food Preparation Workers	3,690	3,790	100	2.7%	50	170	220	Short-term on-the-job training	\$18,483	\$6.99	\$9.83
35-3011	Bartenders	5,730	5,870	140	2.4%	70	220	290	Short-term on-the-job training	\$19,442	\$6.85	\$10.59
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,580	18,030	450	2.6%	230	960	1,190	Short-term on-the-job training	\$16,725	\$6.37	\$8.88
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,450	2,500	50	2.0%	30	260	290	Short-term on-the-job training	\$16,692	\$6.42	\$8.83
35-3031	Waiters and Waitresses	12,600	13,020	420	3.3%	210	740	950	Short-term on-the-job training	\$15,902	\$6.39	\$8.27
35-3041	Food Servers, Nonrestaurant	1,640	1,650	10	0.6%	10	70	80	Short-term on-the-job training	\$19,543	\$7.38	\$10.40
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,260	2,320	60	2.7%	30	100	130	Short-term on-the-job training	\$15,879	\$6.40	\$8.25
35-9021	Dishwashers	3,280	3,390	110	3.4%	60	160	220	Short-term on-the-job training	\$15,231	\$6.40	\$7.78
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,550	1,610	60	3.9%	30	60	90	Short-term on-the-job training	\$16,767	\$6.42	\$8.88
35-9099	Food Preparation and Serving Related Workers, All Other	140	150	10	7.1%	10	10	20	Short-term on-the-job training	\$20,263	\$6.69	\$11.27
37-0000	Building and Grounds Cleaning and Maintenance Occupations	30,310	31,150	840	2.8%	420	600	1,020		\$23,702	\$7.65	\$13.27
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,160	1,190	30	2.6%	20	30	50	Work experience in a related occupation	\$35,557	\$11.32	\$19.98
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	600	610	10	1.7%	10	10	20	Work experience in a related occupation	\$47,376	\$14.34	\$27.00
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	16,430	16,860	430	2.6%	220	310	530	Short-term on-the-job training	\$22,518	\$7.68	\$12.40
37-2012	Maids and Housekeeping Cleaners	6,430	6,610	180	2.8%	90	130	220	Short-term on-the-job training	\$19,621	\$7.53	\$10.39
37-2019	Building Cleaning Workers, All Other	*	*	*	*	10	<5	10	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	5,100	5,260	160	3.1%	80	110	190	Short-term on-the-job training	\$24,692	\$7.79	\$13.91
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
37-3013	Tree Trimmers and Pruners	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
37-3019	Grounds Maintenance Workers, All Other	*	*	*	*	10	<5	10	Short-term on-the-job training	*	*	*
39-0000	Personal Care and Service Occupations	25,790	26,880	1,090	4.2%	550	600	1,150		\$21,805	\$7.49	\$11.98
39-1011	Gaming Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
39-1012	Slot Key Persons	110	110	0	0.0%	<5	<5	<5	Postsecondary vocational training	*	*	*

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39-1021	First-Line Supervisors/Managers of Personal Service Workers	*	*	*	*	20	30	50	Work experience in a related occupation	*	*	*
39-2011	Animal Trainers	*	*	*	*	10	<5	10	Moderate-term on-the-job training	*	*	*
39-2021	Nonfarm Animal Caretakers	830	860	30	3.6%	20	20	40	Short-term on-the-job training	\$20,132	\$6.79	\$11.12
39-3011	Gaming Dealers	230	240	10	4.3%	10	10	20	Postsecondary vocational training	*	*	*
39-3012	Gaming and Sports Book Writers and Runners	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3019	Gaming Service Workers, All Other	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-3021	Motion Picture Projectionists	70	70	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$19,602	\$8.12	\$10.07
39-3031	Ushers, Lobby Attendants, and Ticket Takers	590	580	-10	-1.7%	0	50	50	Short-term on-the-job training	\$15,403	\$6.40	\$7.91
39-3091	Amusement and Recreation Attendants	1,280	1,310	30	2.3%	20	50	70	Short-term on-the-job training	\$16,844	\$6.38	\$8.96
39-3092	Costume Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	90	90	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$20,848	\$7.45	\$11.31
39-3099	Entertainment Attendants and Related Workers, All Other	*	*	*	*	10	10	20	Moderate-term on-the-job training	*	*	*
39-4011	Embalmers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-4021	Funeral Attendants	170	180	10	5.9%	10	<5	10	Short-term on-the-job training	\$23,658	\$9.66	\$12.23
39-5011	Barbers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,300	3,390	90	2.7%	50	60	110	Postsecondary vocational training	\$23,221	\$7.73	\$12.88
39-5091	Makeup Artists, Theatrical and Performance	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5092	Manicurists and Pedicurists	190	200	10	5.3%	10	<5	10	Postsecondary vocational training	\$22,473	\$7.61	\$12.40
39-5093	Shampoosers	0	0	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
39-5094	Skin Care Specialists	90	90	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$23,574	\$7.70	\$13.15
39-6011	Baggage Porters and Bellhops	120	110	-10	-8.3%	0	<5	<5	Short-term on-the-job training	\$16,288	\$6.35	\$8.57
39-6012	Concierges	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$23,156	\$9.90	\$11.75
39-6021	Tour Guides and Escorts	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
39-6022	Travel Guides	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6031	Flight Attendants	*	*	*	*	0	<5	<5	Long-term on-the-job training	*	*	*
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	230	220	-10	-4.3%	0	<5	<5	Short-term on-the-job training	\$16,822	\$6.37	\$8.94
39-9011	Child Care Workers	4,670	4,910	240	5.1%	120	140	260	Short-term on-the-job training	\$21,202	\$7.50	\$11.54
39-9021	Personal and Home Care Aides	7,870	8,480	610	7.8%	310	120	430	Short-term on-the-job training	\$19,586	\$7.99	\$10.13
39-9031	Fitness Trainers and Aerobics Instructors	1,130	1,160	30	2.7%	20	30	50	Postsecondary vocational training	\$20,134	\$7.39	\$10.83
39-9032	Recreation Workers	1,890	1,940	50	2.6%	30	40	70	Bachelor's degree	\$21,948	\$7.03	\$12.31
39-9041	Residential Advisors	*	*	*	*	10	10	20	Moderate-term on-the-job training	*	*	*
39-9099	Personal Care and Service Workers, All Other	230	240	10	4.3%	10	10	20	Short-term on-the-job training	\$25,297	\$8.30	\$14.09
41-0000	Sales and Related Occupations	79,730	80,370	640	0.8%	320	2,940	3,260		\$40,090	\$7.71	\$25.06
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,250	5,240	-10	-0.2%	0	90	90	Work experience in a related occupation	\$41,535	\$12.13	\$23.89
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,710	1,720	10	0.6%	10	30	40	Work experience in a related occupation	\$92,273	\$23.49	\$54.80
41-2011	Cashiers	16,400	16,210	-190	-1.2%	0	1,060	1,060	Short-term on-the-job training	\$17,568	\$6.65	\$9.34
41-2012	Gaming Change Persons and Booth Cashiers	*	*	*	*	10	20	30	Short-term on-the-job training	*	*	*
41-2021	Counter and Rental Clerks	2,640	2,690	50	1.9%	30	120	150	Short-term on-the-job training	\$25,366	\$7.10	\$14.74
41-2022	Parts Salespersons	*	*	*	*	0	40	40	Moderate-term on-the-job training	*	*	*
41-2031	Retail Salespersons	23,770	24,120	350	1.5%	180	960	1,140	Short-term on-the-job training	\$25,489	\$7.42	\$14.67
41-3011	Advertising Sales Agents	1,120	1,120	0	0.0%	<5	20	20	Moderate-term on-the-job training	\$54,401	\$12.78	\$32.84
41-3021	Insurance Sales Agents	2,090	2,090	0	0.0%	<5	50	50	Bachelor's degree	\$87,434	\$17.38	\$54.36
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,860	1,900	40	2.2%	20	20	40	Bachelor's degree	\$66,562	\$15.13	\$40.43
41-3041	Travel Agents	850	790	-60	-7.1%	0	20	20	Postsecondary vocational training	\$26,106	\$8.99	\$14.33
41-3099	Sales Representatives, Services, All Other	3,330	3,390	60	1.8%	30	60	90	Moderate-term on-the-job training	\$56,386	\$13.36	\$33.98
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,000	3,050	50	1.7%	30	80	110	Moderate-term on-the-job training	\$79,043	\$22.72	\$45.64

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41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	11,540	11,850	310	2.7%	160	300	460	Moderate-term on-the-job training	\$64,295	\$17.29	\$37.72
41-9011	Demonstrators and Product Promoters	*	*	*	*	10	20	30	Moderate-term on-the-job training	*	*	*
41-9012	Models	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
41-9021	Real Estate Brokers	*	*	*	*	10	<5	10	Postsecondary vocational training	*	*	*
41-9022	Real Estate Sales Agents	*	*	*	*	10	10	20	Postsecondary vocational training	*	*	*
41-9031	Sales Engineers	*	*	*	*	20	20	40	Bachelor's degree	*	*	*
41-9041	Telemarketers	1,800	1,790	-10	-0.6%	0	30	30	Short-term on-the-job training	\$27,291	\$7.99	\$15.69
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
41-9099	Sales and Related Workers, All Other	850	870	20	2.4%	10	20	30	Moderate-term on-the-job training	\$50,573	\$9.99	\$31.48
43-0000	Office and Administrative Support Occupations	144,960	145,460	500	0.3%	250	3,380	3,630		\$30,845	\$9.70	\$17.39
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,240	7,300	60	0.8%	30	140	170	Work experience in a related occupation	\$47,860	\$15.43	\$26.80
43-2011	Switchboard Operators, Including Answering Service	1,100	1,090	-10	-0.9%	0	30	30	Short-term on-the-job training	\$25,748	\$9.18	\$13.98
43-2021	Telephone Operators	*	*	*	*	0	<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	1,840	1,920	80	4.3%	40	30	70	Short-term on-the-job training	\$29,394	\$11.24	\$15.58
43-3021	Billing and Posting Clerks and Machine Operators	3,410	3,410	0	0.0%	<5	50	50	Moderate-term on-the-job training	\$29,889	\$11.24	\$15.93
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,630	13,710	80	0.6%	40	240	280	Moderate-term on-the-job training	\$32,091	\$11.13	\$17.58
43-3041	Gaming Cage Workers	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
43-3051	Payroll and Timekeeping Clerks	1,280	1,320	40	3.1%	20	30	50	Moderate-term on-the-job training	\$36,051	\$12.94	\$19.53
43-3061	Procurement Clerks	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
43-3071	Tellers	4,600	4,710	110	2.4%	60	260	320	Short-term on-the-job training	\$22,081	\$8.76	\$11.54
43-4011	Brokerage Clerks	520	530	10	1.9%	10	10	20	Moderate-term on-the-job training	\$34,981	\$12.85	\$18.80
43-4021	Correspondence Clerks	60	60	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$27,403	\$10.00	\$14.76
43-4031	Court, Municipal, and License Clerks	360	360	0	0.0%	<5	10	10	Short-term on-the-job training	\$35,662	\$14.47	\$18.48
43-4041	Credit Authorizers, Checkers, and Clerks	360	330	-30	-8.3%	0	10	10	Short-term on-the-job training	\$29,657	\$10.04	\$16.37
43-4051	Customer Service Representatives	14,350	14,730	380	2.6%	190	210	400	Moderate-term on-the-job training	\$32,964	\$11.02	\$18.26
43-4061	Eligibility Interviewers, Government Programs	240	230	-10	-4.2%	0	10	10	Moderate-term on-the-job training	\$37,981	\$13.80	\$20.49
43-4071	File Clerks	1,470	1,370	-100	-6.8%	0	50	50	Short-term on-the-job training	\$23,913	\$8.88	\$12.80
43-4081	Hotel, Motel, and Resort Desk Clerks	980	980	0	0.0%	<5	50	50	Short-term on-the-job training	\$18,884	\$7.91	\$9.66
43-4111	Interviewers, Except Eligibility and Loan	1,200	1,260	60	5.0%	30	30	60	Short-term on-the-job training	\$26,003	\$9.12	\$14.19
43-4121	Library Assistants, Clerical	460	460	0	0.0%	<5	20	20	Short-term on-the-job training	\$21,344	\$7.13	\$11.83
43-4131	Loan Interviewers and Clerks	1,810	1,800	-10	-0.6%	0	20	20	Short-term on-the-job training	\$32,222	\$11.06	\$17.71
43-4141	New Accounts Clerks	640	660	20	3.1%	10	20	30	Work experience in a related occupation	\$29,401	\$11.90	\$15.25
43-4151	Order Clerks	1,970	1,880	-90	-4.6%	0	50	50	Short-term on-the-job training	\$30,783	\$10.87	\$16.76
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,110	1,140	30	2.7%	20	20	40	Short-term on-the-job training	\$34,675	\$12.66	\$18.68
43-4171	Receptionists and Information Clerks	8,110	8,320	210	2.6%	110	210	320	Short-term on-the-job training	\$24,845	\$9.03	\$13.40
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	550	500	-50	-9.1%	0	20	20	Short-term on-the-job training	\$29,133	\$10.12	\$15.95
43-4199	Information and Record Clerks, All Other	1,600	1,580	-20	-1.3%	0	20	20	Short-term on-the-job training	\$32,583	\$11.09	\$17.95
43-5011	Cargo and Freight Agents	380	370	-10	-2.6%	0	10	10	Moderate-term on-the-job training	\$30,814	\$9.79	\$17.32
43-5021	Couriers and Messengers	740	720	-20	-2.7%	0	20	20	Short-term on-the-job training	\$21,330	\$6.99	\$11.89
43-5031	Police, Fire, and Ambulance Dispatchers	360	360	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$38,641	\$14.96	\$20.39
43-5032	Dispatchers, Except Police, Fire, and Ambulance	940	940	0	0.0%	<5	20	20	Moderate-term on-the-job training	\$35,886	\$12.07	\$19.85
43-5041	Meter Readers, Utilities	210	200	-10	-4.8%	0	10	10	Short-term on-the-job training	\$37,432	\$10.09	\$21.95
43-5051	Postal Service Clerks	450	450	0	0.0%	<5	10	10	Short-term on-the-job training	\$44,254	\$20.49	\$21.67
43-5052	Postal Service Mail Carriers	2,500	2,480	-20	-0.8%	0	70	70	Short-term on-the-job training	\$44,089	\$19.38	\$22.11

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43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,280	1,270	-10	-0.8%	0	30	30	Short-term on-the-job training	\$41,778	\$16.90	\$21.68
43-5061	Production, Planning, and Expediting Clerks	2,240	2,270	30	1.3%	20	50	70	Short-term on-the-job training	\$42,832	\$14.26	\$23.76
43-5071	Shipping, Receiving, and Traffic Clerks	5,360	5,370	10	0.2%	10	110	120	Short-term on-the-job training	\$28,536	\$9.84	\$15.66
43-5081	Stock Clerks and Order Fillers	9,570	9,350	-220	-2.3%	0	480	480	Short-term on-the-job training	\$21,771	\$7.43	\$11.99
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	500	490	-10	-2.0%	0	10	10	Short-term on-the-job training	\$26,534	\$9.06	\$14.60
43-6011	Executive Secretaries and Administrative Assistants	9,920	10,100	180	1.8%	90	170	260	Moderate-term on-the-job training	\$37,691	\$13.45	\$20.46
43-6012	Legal Secretaries	1,720	1,720	0	0.0%	<5	30	30	Postsecondary vocational training	\$36,173	\$12.44	\$19.86
43-6013	Medical Secretaries	1,550	1,580	30	1.9%	20	30	50	Postsecondary vocational training	\$28,547	\$9.78	\$15.70
43-6014	Secretaries, Except Legal, Medical, and Executive	12,530	12,410	-120	-1.0%	0	220	220	Moderate-term on-the-job training	\$29,639	\$10.96	\$15.89
43-9011	Computer Operators	830	780	-50	-6.0%	0	20	20	Moderate-term on-the-job training	\$37,092	\$12.81	\$20.34
43-9021	Data Entry Keyers	2,480	2,470	-10	-0.4%	0	60	60	Moderate-term on-the-job training	\$25,051	\$9.39	\$13.37
43-9022	Word Processors and Typists	700	680	-20	-2.9%	0	20	20	Moderate-term on-the-job training	\$29,492	\$11.43	\$15.56
43-9031	Desktop Publishers	320	330	10	3.1%	10	10	20	Postsecondary vocational training	\$35,902	\$10.80	\$20.49
43-9041	Insurance Claims and Policy Processing Clerks	2,210	2,210	0	0.0%	<5	30	30	Moderate-term on-the-job training	\$31,164	\$12.18	\$16.38
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,240	1,150	-90	-7.3%	0	40	40	Short-term on-the-job training	\$24,664	\$8.98	\$13.30
43-9061	Office Clerks, General	15,030	15,140	110	0.7%	60	330	390	Short-term on-the-job training	\$24,744	\$8.20	\$13.74
43-9071	Office Machine Operators, Except Computer	470	450	-20	-4.3%	0	10	10	Short-term on-the-job training	\$25,122	\$8.76	\$13.74
43-9081	Proofreaders and Copy Markers	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
43-9111	Statistical Assistants	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
43-9199	Office and Administrative Support Workers, All Other	1,540	1,550	10	0.6%	10	40	50	Short-term on-the-job training	\$28,327	\$8.78	\$16.04
45-0000	Farming, Fishing, and Forestry Occupations	730	740	10	1.4%	10	20	30		\$26,501	\$8.71	\$14.76
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
45-2011	Agricultural Inspectors	60	60	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$38,152	\$13.44	\$20.80
45-2021	Animal Breeders	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
45-2041	Graders and Sorters, Agricultural Products	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
45-2091	Agricultural Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
45-2093	Farmworkers, Farm and Ranch Animals	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
45-2099	Agricultural Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
45-3011	Fishers and Related Fishing Workers	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4011	Forest and Conservation Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4021	Fallers	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4022	Logging Equipment Operators	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4023	Log Graders and Scalers	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4029	Logging Workers, All Other	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-0000	Construction and Extraction Occupations	29,520	30,000	480	1.6%	240	540	780		\$48,279	\$14.78	\$27.43
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,980	2,010	30	1.5%	20	30	50	Work experience in a related occupation	\$70,282	\$20.18	\$40.60
47-2011	Boilermakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2021	Brickmasons and Blockmasons	580	590	10	1.7%	10	10	20	Long-term on-the-job training	\$54,052	\$20.27	\$28.84
47-2022	Stonemasons	*	*	*	*	10	<5	10	Long-term on-the-job training	*	*	*
47-2031	Carpenters	5,060	5,100	40	0.8%	20	70	90	Long-term on-the-job training	\$45,691	\$15.14	\$25.38
47-2041	Carpet Installers	320	320	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$41,548	\$12.72	\$23.60
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	*	*	*	*	10	<5	10	Moderate-term on-the-job training	*	*	*
47-2043	Floor Sanders and Finishers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2044	Tile and Marble Setters	220	230	10	4.5%	10	<5	10	Long-term on-the-job training	\$42,655	\$14.15	\$23.69
47-2051	Cement Masons and Concrete Finishers	1,130	1,160	30	2.7%	20	20	40	Moderate-term on-the-job training	\$41,754	\$12.75	\$23.74
47-2053	Terrazzo Workers and Finishers	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*

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47-2061	Construction Laborers	3,060	3,060	0	0.0%	<5	40	40	Moderate-term on-the-job training	\$39,273	\$11.78	\$22.43
47-2071	Paving, Surfacing, and Tamping Equipment Operators	210	220	10	4.8%	10	<5	10	Moderate-term on-the-job training	\$43,144	\$17.51	\$22.36
47-2072	Pile-Driver Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2073	Operating Engineers and Other Construction Equipment Operators	1,990	2,050	60	3.0%	30	50	80	Moderate-term on-the-job training	\$49,722	\$18.76	\$26.48
47-2081	Drywall and Ceiling Tile Installers	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
47-2082	Tapers	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
47-2111	Electricians	3,510	3,570	60	1.7%	30	70	100	Long-term on-the-job training	\$50,828	\$18.29	\$27.51
47-2121	Glaziers	200	200	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$53,610	\$18.45	\$29.43
47-2131	Insulation Workers, Floor, Ceiling, and Wall	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
47-2132	Insulation Workers, Mechanical	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2141	Painters, Construction and Maintenance	1,230	1,250	20	1.6%	10	20	30	Moderate-term on-the-job training	\$35,767	\$9.59	\$21.00
47-2142	Paperhangers	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2151	Pipelayers	130	130	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$54,412	\$22.17	\$28.15
47-2152	Plumbers, Pipefitters, and Steamfitters	2,580	2,640	60	2.3%	30	60	90	Long-term on-the-job training	\$61,219	\$21.65	\$33.32
47-2161	Plasterers and Stucco Masons	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2171	Reinforcing Iron and Rebar Workers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2181	Roofers	690	700	10	1.4%	10	20	30	Moderate-term on-the-job training	\$37,889	\$12.14	\$21.25
47-2211	Sheet Metal Workers	1,080	1,100	20	1.9%	10	30	40	Long-term on-the-job training	\$52,082	\$16.88	\$29.12
47-2221	Structural Iron and Steel Workers	350	360	10	2.9%	10	10	20	Long-term on-the-job training	\$52,293	\$21.50	\$26.96
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
47-3012	Helpers--Carpenters	280	280	0	0.0%	<5	10	10	Short-term on-the-job training	\$25,101	\$9.86	\$13.17
47-3013	Helpers--Electricians	250	250	0	0.0%	<5	10	10	Short-term on-the-job training	\$24,247	\$9.80	\$12.59
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	220	230	10	4.5%	10	10	20	Short-term on-the-job training	\$29,477	\$11.28	\$15.62
47-3016	Helpers--Roofers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-3019	Helpers, Construction Trades, All Other	60	60	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$22,323	\$8.90	\$11.65
47-4011	Construction and Building Inspectors	350	370	20	5.7%	10	10	20	Work experience in a related occupation	\$52,911	\$17.99	\$29.16
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	*	*	*	*	10	<5	10	Moderate-term on-the-job training	*	*	*
47-4051	Highway Maintenance Workers	1,200	1,230	30	2.5%	20	20	40	Moderate-term on-the-job training	\$42,283	\$16.86	\$22.06
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	*	*	*	*	10	10	20	Moderate-term on-the-job training	*	*	*
47-4099	Construction and Related Workers, All Other	230	230	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$38,315	\$13.21	\$21.02
47-5012	Rotary Drill Operators, Oil and Gas	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5021	Earth Drillers, Except Oil and Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5041	Continuous Mining Machine Operators	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5042	Mine Cutting and Channeling Machine Operators	0	0	0	0.0%	<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	10	10	0	0.0%	<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	30,100	30,520	420	1.4%	210	650	860		\$42,325	\$12.90	\$24.07
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,400	2,430	30	1.3%	20	60	80	Work experience in a related occupation	\$62,861	\$20.82	\$34.92
49-2011	Computer, Automated Teller, and Office Machine Repairers	800	800	0	0.0%	<5	10	10	Postsecondary vocational training	\$38,829	\$13.73	\$21.14
49-2021	Radio Mechanics	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

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49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	810	780	-30	-3.7%	0	20	20	Postsecondary vocational training	\$49,747	\$20.67	\$25.54
49-2091	Avionics Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$48,292	\$19.50	\$25.08
49-2092	Electric Motor, Power Tool, and Related Repairers	180	180	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$38,481	\$13.57	\$20.97
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	*	*	*	*	10	<5	10	Postsecondary vocational training	*	*	*
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	580	590	10	1.7%	10	10	20	Postsecondary vocational training	\$46,800	\$17.34	\$25.08
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	*	*	*	*	10	<5	10	Postsecondary vocational training	*	*	*
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	110	110	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$33,506	\$11.86	\$18.23
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	230	230	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$35,909	\$12.80	\$19.50
49-2098	Security and Fire Alarm Systems Installers	230	230	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$41,073	\$13.03	\$23.10
49-3011	Aircraft Mechanics and Service Technicians	540	520	-20	-3.7%	0	10	10	Postsecondary vocational training	\$50,956	\$17.87	\$27.81
49-3021	Automotive Body and Related Repairers	890	880	-10	-1.1%	0	20	20	Long-term on-the-job training	\$39,204	\$12.13	\$22.20
49-3022	Automotive Glass Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3023	Automotive Service Technicians and Mechanics	3,460	3,470	10	0.3%	10	90	100	Postsecondary vocational training	\$38,045	\$10.81	\$22.03
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,380	1,420	40	2.9%	20	30	50	Postsecondary vocational training	\$43,211	\$15.60	\$23.36
49-3041	Farm Equipment Mechanics	*	*	*	*	10	10	20	Postsecondary vocational training	*	*	*
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	660	680	20	3.0%	10	10	20	Postsecondary vocational training	\$48,072	\$18.33	\$25.50
49-3043	Rail Car Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3051	Motorboat Mechanics	*	*	*	*	10	<5	10	Long-term on-the-job training	*	*	*
49-3052	Motorcycle Mechanics	110	110	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$32,688	\$11.79	\$17.68
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	370	370	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$28,779	\$7.97	\$16.77
49-3091	Bicycle Repairers	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
49-3092	Recreational Vehicle Service Technicians	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3093	Tire Repairers and Changers	350	340	-10	-2.9%	0	20	20	Short-term on-the-job training	\$21,527	\$8.45	\$11.30
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	270	290	20	7.4%	10	10	20	Moderate-term on-the-job training	\$44,132	\$16.34	\$23.66
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,370	1,420	50	3.6%	30	20	50	Long-term on-the-job training	\$46,793	\$13.21	\$27.14
49-9031	Home Appliance Repairers	270	270	0	0.0%	<5	10	10	Long-term on-the-job training	\$35,709	\$13.61	\$18.95
49-9041	Industrial Machinery Mechanics	1,950	1,990	40	2.1%	20	40	60	Long-term on-the-job training	\$46,826	\$17.73	\$24.90
49-9042	Maintenance and Repair Workers, General	7,100	7,250	150	2.1%	80	130	210	Long-term on-the-job training	\$36,922	\$12.60	\$20.33
49-9043	Maintenance Workers, Machinery	510	520	10	2.0%	10	10	20	Short-term on-the-job training	\$36,102	\$11.93	\$20.07
49-9044	Millwrights	410	410	0	0.0%	<5	10	10	Long-term on-the-job training	\$53,497	\$20.97	\$28.09
49-9045	Refractory Materials Repairers, Except Brickmasons	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9051	Electrical Power-Line Installers and Repairers	550	590	40	7.3%	20	20	40	Long-term on-the-job training	\$59,429	\$23.96	\$30.88
49-9052	Telecommunications Line Installers and Repairers	*	*	*	*	10	20	30	Long-term on-the-job training	*	*	*
49-9061	Camera and Photographic Equipment Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9062	Medical Equipment Repairers	220	220	0	0.0%	<5	10	10	Associate degree	\$47,021	\$16.34	\$25.74
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	330	330	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$34,794	\$12.28	\$18.95
49-9092	Commercial Divers	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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49-9093	Fabric Menders, Except Garment	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9094	Locksmiths and Safe Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9095	Manufactured Building and Mobile Home Installers	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9096	Riggers	20	20	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
49-9097	Signal and Track Switch Repairers	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9098	Helpers--Installation, Maintenance, and Repair Workers	700	720	20	2.9%	10	30	40	Short-term on-the-job training	\$24,437	\$8.36	\$13.45
49-9099	Installation, Maintenance, and Repair Workers, All Other	780	800	20	2.6%	10	20	30	Moderate-term on-the-job training	\$35,439	\$11.09	\$20.01
51-0000	Production Occupations	96,940	97,610	670	0.7%	340	2,250	2,590		\$32,873	\$9.88	\$18.76
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,960	6,060	100	1.7%	50	110	160	Work experience in a related occupation	\$55,198	\$17.65	\$30.98
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-2021	Coil Winders, Tapers, and Finishers	400	380	-20	-5.0%	0	10	10	Short-term on-the-job training	\$26,238	\$10.07	\$13.88
51-2022	Electrical and Electronic Equipment Assemblers	2,740	2,760	20	0.7%	10	60	70	Short-term on-the-job training	\$30,203	\$9.67	\$16.95
51-2023	Electromechanical Equipment Assemblers	640	630	-10	-1.6%	0	20	20	Short-term on-the-job training	\$27,864	\$10.25	\$14.97
51-2031	Engine and Other Machine Assemblers	670	650	-20	-3.0%	0	20	20	Short-term on-the-job training	\$37,784	\$12.69	\$20.90
51-2041	Structural Metal Fabricators and Fitters	790	800	10	1.3%	10	20	30	Moderate-term on-the-job training	\$35,141	\$14.35	\$18.17
51-2091	Fiberglass Laminators and Fabricators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2092	Team Assemblers	11,780	11,940	160	1.4%	80	300	380	Moderate-term on-the-job training	\$27,437	\$9.51	\$15.03
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2099	Assemblers and Fabricators, All Other	2,290	2,280	-10	-0.4%	0	60	60	Moderate-term on-the-job training	\$27,845	\$8.58	\$15.79
51-3011	Bakers	1,000	1,020	20	2.0%	10	20	30	Long-term on-the-job training	\$23,948	\$8.38	\$13.08
51-3021	Butchers and Meat Cutters	810	800	-10	-1.2%	0	20	20	Long-term on-the-job training	\$34,424	\$11.26	\$19.19
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	*	*	*	*	10	10	20	Short-term on-the-job training	*	*	*
51-3023	Slaughterers and Meat Packers	*	*	*	*	10	20	30	Moderate-term on-the-job training	*	*	*
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	90	90	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$21,148	\$7.72	\$11.39
51-3092	Food Batchmakers	560	560	0	0.0%	<5	20	20	Short-term on-the-job training	\$29,368	\$9.40	\$16.48
51-3093	Food Cooking Machine Operators and Tenders	340	340	0	0.0%	<5	10	10	Short-term on-the-job training	\$25,759	\$8.57	\$14.29
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	3,070	3,120	50	1.6%	30	40	70	Moderate-term on-the-job training	\$35,360	\$11.81	\$19.59
51-4012	Numerical Tool and Process Control Programmers	260	270	10	3.8%	10	<5	10	Long-term on-the-job training	\$48,543	\$17.97	\$26.02
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	600	590	-10	-1.7%	0	20	20	Moderate-term on-the-job training	\$30,553	\$10.26	\$16.91
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	590	600	10	1.7%	10	10	20	Moderate-term on-the-job training	\$33,043	\$9.14	\$19.26
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,780	3,690	-90	-2.4%	0	80	80	Moderate-term on-the-job training	\$29,625	\$10.02	\$16.35
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	770	780	10	1.3%	10	20	30	Moderate-term on-the-job training	\$35,707	\$11.69	\$19.90
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,720	1,730	10	0.6%	10	30	40	Moderate-term on-the-job training	\$32,417	\$11.01	\$17.87
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,020	1,020	0	0.0%	<5	20	20	Moderate-term on-the-job training	\$33,277	\$11.91	\$18.04
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	370	380	10	2.7%	10	10	20	Moderate-term on-the-job training	\$33,756	\$11.99	\$18.35
51-4041	Machinists	4,800	4,920	120	2.5%	60	110	170	Long-term on-the-job training	\$37,130	\$12.83	\$20.36
51-4051	Metal-Refining Furnace Operators and Tenders	210	210	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$35,110	\$12.48	\$19.08

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51-4052	Pourers and Casters, Metal	270	280	10	3.7%	10	10	20	Moderate-term on-the-job training	\$30,439	\$10.87	\$16.52
51-4061	Model Makers, Metal and Plastic	140	140	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$50,056	\$17.36	\$27.42
51-4062	Patternmakers, Metal and Plastic	140	140	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$39,856	\$13.51	\$21.99
51-4071	Foundry Mold and Coremakers	570	580	10	1.8%	10	10	20	Moderate-term on-the-job training	\$28,129	\$8.70	\$15.93
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	2,170	2,160	-10	-0.5%	0	50	50	Moderate-term on-the-job training	\$29,187	\$10.12	\$15.99
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,600	1,610	10	0.6%	10	40	50	Moderate-term on-the-job training	\$38,839	\$12.41	\$21.80
51-4111	Tool and Die Makers	1,600	1,610	10	0.6%	10	30	40	Long-term on-the-job training	\$48,439	\$18.05	\$25.91
51-4121	Welders, Cutters, Solderers, and Brazers	3,130	3,150	20	0.6%	10	90	100	Postsecondary vocational training	\$34,354	\$12.34	\$18.60
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	730	720	-10	-1.4%	0	20	20	Moderate-term on-the-job training	\$30,025	\$10.45	\$16.43
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	330	340	10	3.0%	10	10	20	Moderate-term on-the-job training	\$31,715	\$10.78	\$17.48
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	440	450	10	2.3%	10	10	20	Moderate-term on-the-job training	\$29,372	\$10.03	\$16.17
51-4194	Tool Grinders, Filers, and Sharpeners	370	370	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$36,103	\$13.88	\$19.10
51-4199	Metal Workers and Plastic Workers, All Other	440	440	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$43,021	\$12.76	\$24.64
51-5011	Bindery Workers	2,130	2,150	20	0.9%	10	60	70	Moderate-term on-the-job training	\$28,542	\$9.64	\$15.76
51-5012	Bookbinders	150	150	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$35,546	\$9.87	\$20.70
51-5021	Job Printers	720	730	10	1.4%	10	20	30	Long-term on-the-job training	\$40,918	\$14.03	\$22.49
51-5022	Prepress Technicians and Workers	1,030	1,010	-20	-1.9%	0	20	20	Postsecondary vocational training	\$38,734	\$12.57	\$21.65
51-5023	Printing Machine Operators	2,610	2,620	10	0.4%	10	60	70	Moderate-term on-the-job training	\$33,745	\$9.96	\$19.35
51-6011	Laundry and Dry-Cleaning Workers	1,230	1,240	10	0.8%	10	40	50	Moderate-term on-the-job training	\$19,755	\$6.76	\$10.86
51-6021	Pressers, Textile, Garment, and Related Materials	230	230	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$20,121	\$7.69	\$10.67
51-6031	Sewing Machine Operators	680	650	-30	-4.4%	0	10	10	Moderate-term on-the-job training	\$22,111	\$8.43	\$11.73
51-6041	Shoe and Leather Workers and Repairers	*	*	*	*	0	<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	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$26,997	\$9.56	\$14.69
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20.0%	0	<5	<5	Moderate-term on-the-job training	\$23,905	\$8.60	\$12.94
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$68,857	\$9.60	\$44.86
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*
51-6092	Fabric and Apparel Patternmakers	20	10	-10	-50.0%	0	<5	<5	Long-term on-the-job training	\$30,367	\$9.77	\$17.02
51-6093	Upholsterers	100	90	-10	-10.0%	0	<5	<5	Long-term on-the-job training	\$28,499	\$11.40	\$14.85
51-6099	Textile, Apparel, and Furnishings Workers, All Other	*	*	*	*	0	10	10	Short-term on-the-job training	*	*	*
51-7011	Cabinetmakers and Bench Carpenters	350	360	10	2.9%	10	10	20	Long-term on-the-job training	\$33,040	\$11.92	\$17.87
51-7021	Furniture Finishers	50	50	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$36,297	\$12.35	\$20.00
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	100	100	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$23,705	\$7.29	\$13.45
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	290	290	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$25,790	\$8.57	\$14.31

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51-7099	Woodworkers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-8011	Nuclear Power Reactor Operators	10	10	0	0.0%	<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	*	*	*	*	10	10	20	Long-term on-the-job training	\$55,567	\$18.70	\$30.72
51-8021	Stationary Engineers and Boiler Operators	170	170	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$42,714	\$17.31	\$22.15
51-8031	Water and Liquid Waste Treatment Plant and System Operators	560	570	10	1.8%	10	20	30	Long-term on-the-job training	\$45,907	\$17.70	\$24.26
51-8091	Chemical Plant and System Operators	*	*	*	*	10	<5	10	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	*	*	*	*	10	<5	10	Long-term on-the-job training	*	*	*
51-9011	Chemical Equipment Operators and Tenders	310	320	10	3.2%	10	10	20	Moderate-term on-the-job training	\$36,488	\$14.18	\$19.22
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	440	450	10	2.3%	10	10	20	Moderate-term on-the-job training	\$37,689	\$14.23	\$20.06
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	280	290	10	3.6%	10	10	20	Moderate-term on-the-job training	\$28,131	\$9.85	\$15.36
51-9022	Grinding and Polishing Workers, Hand	480	470	-10	-2.1%	0	10	10	Moderate-term on-the-job training	\$30,806	\$10.25	\$17.09
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	980	1,010	30	3.1%	20	30	50	Moderate-term on-the-job training	\$35,571	\$11.91	\$19.70
51-9031	Cutters and Trimmers, Hand	170	180	10	5.9%	10	<5	10	Short-term on-the-job training	\$23,848	\$8.43	\$12.98
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,020	1,020	0	0.0%	<5	20	20	Moderate-term on-the-job training	\$34,071	\$10.85	\$19.14
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	370	370	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$24,512	\$8.71	\$13.32
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,540	7,670	130	1.7%	70	160	230	Moderate-term on-the-job training	\$29,012	\$8.54	\$16.65
51-9071	Jewelers and Precious Stone and Metal Workers	130	130	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$40,556	\$14.93	\$21.78
51-9081	Dental Laboratory Technicians	440	450	10	2.3%	10	10	20	Long-term on-the-job training	\$40,687	\$12.25	\$23.22
51-9082	Medical Appliance Technicians	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9083	Ophthalmic Laboratory Technicians	240	240	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$25,473	\$9.26	\$13.74
51-9111	Packaging and Filling Machine Operators and Tenders	3,420	3,440	20	0.6%	10	70	80	Short-term on-the-job training	\$24,733	\$8.44	\$13.62
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,290	1,300	10	0.8%	10	30	40	Moderate-term on-the-job training	\$34,026	\$11.89	\$18.59
51-9122	Painters, Transportation Equipment	250	250	0	0.0%	<5	10	10	Long-term on-the-job training	\$45,913	\$13.10	\$26.56
51-9123	Painting, Coating, and Decorating Workers	230	240	10	4.3%	10	10	20	Short-term on-the-job training	\$25,119	\$9.38	\$13.42
51-9131	Photographic Process Workers	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*
51-9132	Photographic Processing Machine Operators	260	240	-20	-7.7%	0	10	10	Short-term on-the-job training	\$19,710	\$7.32	\$10.56
51-9141	Semiconductor Processors	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
51-9191	Cementing and Gluing Machine Operators and Tenders	80	80	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,855	\$11.28	\$15.89
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,626	\$8.86	\$16.93
51-9193	Cooling and Freezing Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9194	Etchers and Engravers	70	70	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,321	\$10.92	\$27.22
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	360	360	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$30,356	\$11.25	\$16.27
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,070	1,060	-10	-0.9%	0	20	20	Moderate-term on-the-job training	\$31,193	\$10.62	\$17.18
51-9197	Tire Builders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-9198	Helpers--Production Workers	3,820	3,880	60	1.6%	30	110	140	Short-term on-the-job training	\$22,497	\$7.25	\$12.60
51-9199	Production Workers, All Other	2,750	2,750	0	0.0%	<5	60	60	Moderate-term on-the-job training	\$35,257	\$10.81	\$20.02
53-0000	Transportation and Material Moving Occupations	59,660	60,300	640	1.1%	320	1,370	1,690		\$29,740	\$8.37	\$17.26
53-1011	Aircraft Cargo Handling Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,040	1,060	20	1.9%	10	20	30	Work experience in a related occupation	\$45,288	\$14.91	\$25.20
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	1,250	1,290	40	3.2%	20	30	50	Work experience in a related occupation	\$58,108	\$16.65	\$33.58
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	0	10	10	Bachelor's degree	*	*	*
53-2012	Commercial Pilots	*	*	*	*	0	10	10	Postsecondary vocational training	*	*	*
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	*	*	*
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	*	*	*	*	10	<5	10	Moderate-term on-the-job training	*	*	*
53-3021	Bus Drivers, Transit and Intercity	*	*	*	*	0	30	30	Moderate-term on-the-job training	*	*	*
53-3022	Bus Drivers, School	2,920	2,940	20	0.7%	10	60	70	Short-term on-the-job training	\$24,079	\$9.97	\$12.38
53-3031	Driver/Sales Workers	2,000	2,040	40	2.0%	20	30	50	Short-term on-the-job training	\$21,400	\$6.44	\$12.21
53-3032	Truck Drivers, Heavy and Tractor-Trailer	10,550	10,840	290	2.7%	150	160	310	Moderate-term on-the-job training	\$37,915	\$13.60	\$20.54
53-3033	Truck Drivers, Light or Delivery Services	6,210	6,330	120	1.9%	60	50	110	Short-term on-the-job training	\$26,799	\$8.38	\$15.14
53-3041	Taxi Drivers and Chauffeurs	1,070	1,100	30	2.8%	20	10	30	Short-term on-the-job training	\$21,244	\$7.54	\$11.55
53-3099	Motor Vehicle Operators, All Other	630	650	20	3.2%	10	10	20	Short-term on-the-job training	\$18,635	\$6.35	\$10.26
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	0	0	0	0.0%	<5	<5	<5	Work experience in a related occupation	*	*	*
53-4099	Rail Transportation Workers, All Other	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-5011	Sailors and Marine Oilers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-5021	Captains, Mates, and Pilots of Water Vessels	40	40	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$32,319	\$9.97	\$18.32
53-5022	Motorboat Operators	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-5031	Ship Engineers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
53-6011	Bridge and Lock Tenders	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6021	Parking Lot Attendants	570	550	-20	-3.5%	0	20	20	Short-term on-the-job training	\$17,513	\$6.84	\$9.21
53-6031	Service Station Attendants	290	280	-10	-3.4%	0	20	20	Short-term on-the-job training	\$18,824	\$7.45	\$9.85
53-6041	Traffic Technicians	0	0	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6051	Transportation Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$83,645	\$28.59	\$46.03
53-6099	Transportation Workers, All Other	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
53-7011	Conveyor Operators and Tenders	140	140	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$25,944	\$8.83	\$14.29
53-7021	Crane and Tower Operators	240	240	0	0.0%	<5	10	10	Long-term on-the-job training	\$40,558	\$13.38	\$22.56
53-7031	Dredge Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7032	Excavating and Loading Machine and Dragline Operators	170	180	10	5.9%	10	10	20	Moderate-term on-the-job training	\$36,865	\$13.45	\$19.86
53-7033	Loading Machine Operators, Underground Mining	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7041	Hoist and Winch Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7051	Industrial Truck and Tractor Operators	3,760	3,810	50	1.3%	30	70	100	Short-term on-the-job training	\$31,611	\$10.88	\$17.35
53-7061	Cleaners of Vehicles and Equipment	2,060	2,020	-40	-1.9%	0	80	80	Short-term on-the-job training	\$19,752	\$6.66	\$10.91
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	14,980	15,060	80	0.5%	40	560	600	Short-term on-the-job training	\$25,282	\$8.35	\$14.06
53-7063	Machine Feeders and Offbearers	1,170	1,130	-40	-3.4%	0	30	30	Short-term on-the-job training	\$27,082	\$9.63	\$14.72
53-7064	Packers and Packagers, Hand	7,010	7,100	90	1.3%	50	130	180	Short-term on-the-job training	\$21,693	\$6.89	\$12.20
53-7071	Gas Compressor and Gas Pumping Station Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7072	Pump Operators, Except Wellhead Pumpers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7081	Refuse and Recyclable Material Collectors	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
53-7111	Shuttle Car Operators	20	20	0	0.0%	<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	*	*	*

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
53-7199	Material Moving Workers, All Other	*	*	*	*	0	10	10	Moderate-term on-the-job training	*	*	*

Footnotes:

- (1) **Employment** is a count of jobs rather than people, and includes part- and full-time nonfarm jobs. Employment does not include self-employed, unpaid family, 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 (3/06 Benchmark) 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 during 2007 and 2008. 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, September 2007

Projections Methodology

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