

South Central 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	453,620	460,920	7,300	1.6%	3,650	11,040	14,690		\$37,877	\$9.00	\$22.81
11-0000	Management Occupations	16,640	17,020	380	2.3%	190	280	470		\$85,855	\$22.49	\$50.67
11-1011	Chief Executives	720	740	20	2.8%	10	10	20	Bachelor's or higher degree + work experience	\$149,922	\$44.36	\$85.94
11-1021	General and Operations Managers	4,400	4,490	90	2.0%	50	70	120	Bachelor's or higher degree + work experience	\$97,071	\$24.54	\$57.73
11-1031	Legislators	550	550	0	0.0%	<5	10	10	Bachelor's or higher degree + work experience	\$23,098	\$6.42	\$13.45
11-2011	Advertising and Promotions Managers	100	100	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$67,844	\$21.06	\$38.40
11-2021	Marketing Managers	280	290	10	3.6%	10	10	20	Bachelor's or higher degree + work experience	\$90,247	\$26.37	\$51.90
11-2022	Sales Managers	750	770	20	2.7%	10	10	20	Bachelor's or higher degree + work experience	\$87,636	\$24.99	\$50.71
11-2031	Public Relations Managers	150	150	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$95,940	\$23.03	\$57.67
11-3011	Administrative Services Managers	590	600	10	1.7%	10	10	20	Bachelor's or higher degree + work experience	\$69,118	\$21.56	\$39.07
11-3021	Computer and Information Systems Managers	880	910	30	3.4%	20	10	30	Bachelor's or higher degree + work experience	\$90,555	\$31.82	\$49.40
11-3031	Financial Managers	1,020	1,050	30	2.9%	20	10	30	Bachelor's or higher degree + work experience	\$96,602	\$27.86	\$55.74
11-3041	Compensation and Benefits Managers	120	130	10	8.3%	10	<5	10	Bachelor's or higher degree + work experience	\$81,828	\$26.22	\$45.90
11-3042	Training and Development Managers	80	90	10	12.5%	10	<5	10	Bachelor's or higher degree + work experience	\$79,683	\$28.16	\$43.38
11-3049	Human Resources Managers, All Other	160	170	10	6.3%	10	<5	10	Bachelor's or higher degree + work experience	\$84,480	\$26.80	\$47.52
11-3051	Industrial Production Managers	640	650	10	1.6%	10	10	20	Bachelor's or higher degree + work experience	\$73,781	\$24.87	\$40.77
11-3061	Purchasing Managers	180	180	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$75,677	\$24.40	\$42.37
11-3071	Transportation, Storage, and Distribution Managers	210	220	10	4.8%	10	<5	10	Work experience in a related occupation	\$67,071	\$22.11	\$37.31
11-9011	Farm, Ranch, and Other Agricultural Managers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
11-9021	Construction Managers	460	460	0	0.0%	<5	10	10	Bachelor's degree	\$87,830	\$23.60	\$51.54
11-9031	Education Administrators, Preschool and Child Care Center/Program	190	200	10	5.3%	10	<5	10	Bachelor's or higher degree + work experience	\$36,717	\$13.35	\$19.81
11-9032	Education Administrators, Elementary and Secondary School	700	700	0	0.0%	<5	20	20	Bachelor's or higher degree + work experience	\$75,797	*	*
11-9033	Education Administrators, Postsecondary	580	590	10	1.7%	10	10	20	Bachelor's or higher degree + work experience	\$80,550	\$25.62	\$45.28
11-9039	Education Administrators, All Other	80	90	10	12.5%	10	<5	10	Bachelor's or higher degree + work experience	\$63,113	\$24.16	\$33.43
11-9041	Engineering Managers	520	540	20	3.8%	10	10	20	Bachelor's or higher degree + work experience	\$90,226	\$33.13	\$48.50
11-9051	Food Service Managers	580	590	10	1.7%	10	10	20	Work experience in a related occupation	\$40,015	\$12.69	\$22.51
11-9061	Funeral Directors	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
11-9071	Gaming Managers	*	*	*	*	<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	\$56,737	\$16.70	\$32.57
11-9111	Medical and Health Services Managers	570	590	20	3.5%	10	10	20	Bachelor's or higher degree + work experience	\$83,836	\$23.72	\$48.60
11-9121	Natural Sciences Managers	150	150	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$95,860	\$29.51	\$54.38
11-9131	Postmasters and Mail Superintendents	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
11-9141	Property, Real Estate, and Community Association Managers	150	160	10	6.7%	10	<5	10	Bachelor's degree	\$85,747	\$24.29	\$49.69
11-9151	Social and Community Service Managers	460	470	10	2.2%	10	10	20	Bachelor's degree	\$51,800	\$16.42	\$29.14
11-9199	Managers, All Other	1,070	1,090	20	1.9%	10	20	30	Work experience in a related occupation	\$86,758	\$27.41	\$48.86
13-0000	Business and Financial Operations Occupations	21,620	22,040	420	1.9%	210	350	560		\$53,433	\$15.95	\$30.56
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	90	90	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$41,976	\$15.37	\$22.59
13-1022	Wholesale and Retail Buyers, Except Farm Products	340	340	0	0.0%	<5	10	10	Bachelor's degree	\$48,048	\$14.09	\$27.60
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,040	1,050	10	1.0%	10	20	30	Bachelor's degree	\$47,565	\$16.23	\$26.19
13-1031	Claims Adjusters, Examiners, and Investigators	1,470	1,500	30	2.0%	20	20	40	Long-term on-the-job training	\$51,979	\$16.58	\$29.19
13-1032	Insurance Appraisers, Auto Damage	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$46,496	\$17.72	\$24.67
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	920	910	-10	-1.1%	0	20	20	Long-term on-the-job training	\$50,964	\$14.41	\$29.55
13-1051	Cost Estimators	740	760	20	2.7%	10	20	30	Bachelor's degree	\$58,191	\$17.88	\$33.02
13-1061	Emergency Management Specialists	50	50	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$50,926	\$16.34	\$28.55

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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⁾
13-1071	Employment, Recruitment, and Placement Specialists	480	500	20	4.2%	10	10	20	Bachelor's degree	\$43,880	\$15.14	\$24.07
13-1072	Compensation, Benefits, and Job Analysis Specialists	450	460	10	2.2%	10	10	20	Bachelor's degree	\$52,471	\$17.69	\$28.99
13-1073	Training and Development Specialists	740	750	10	1.4%	10	10	20	Bachelor's degree	\$43,510	\$14.06	\$24.35
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	1,670	1,660	-10	-0.6%	0	30	30	Bachelor's degree	\$50,072	\$13.48	\$29.37
13-1081	Logisticians	190	200	10	5.3%	10	<5	10	Bachelor's degree	\$58,681	\$21.79	\$31.42
13-1111	Management Analysts	1,210	1,240	30	2.5%	20	20	40	Bachelor's or higher degree + work experience	\$59,114	\$19.04	\$33.11
13-1121	Meeting and Convention Planners	180	180	0	0.0%	<5	<5	<5	Bachelor's degree	\$41,780	\$15.19	\$22.53
13-1199	Business Operations Specialists, All Other	4,160	4,320	160	3.8%	80	60	140	Bachelor's degree	\$53,068	\$13.19	\$31.68
13-2011	Accountants and Auditors	3,690	3,770	80	2.2%	40	60	100	Bachelor's degree	\$58,364	\$19.62	\$32.28
13-2021	Appraisers and Assessors of Real Estate	*	*	*	*	<5	10	10	Postsecondary vocational training	*	*	*
13-2031	Budget Analysts	220	220	0	0.0%	<5	<5	<5	Bachelor's degree	\$55,710	\$21.46	\$29.44
13-2041	Credit Analysts	150	150	0	0.0%	<5	<5	<5	Bachelor's degree	\$47,087	\$16.62	\$25.65
13-2051	Financial Analysts	370	370	0	0.0%	<5	10	10	Bachelor's degree	\$59,393	\$18.59	\$33.54
13-2052	Personal Financial Advisors	260	280	20	7.7%	10	<5	10	Bachelor's degree	\$73,021	\$21.27	\$42.03
13-2053	Insurance Underwriters	680	680	0	0.0%	<5	10	10	Bachelor's degree	\$48,178	\$16.28	\$26.60
13-2061	Financial Examiners	120	120	0	0.0%	<5	<5	<5	Bachelor's degree	\$74,835	\$22.12	\$42.91
13-2071	Loan Counselors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
13-2072	Loan Officers	1,250	1,260	10	0.8%	10	20	30	Bachelor's degree	\$55,447	\$17.44	\$31.26
13-2081	Tax Examiners, Collectors, and Revenue Agents	*	*	*	*	<5	10	10	Bachelor's degree	*	*	*
13-2082	Tax Preparers	250	250	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$46,125	\$14.99	\$25.77
13-2099	Financial Specialists, All Other	260	270	10	3.8%	10	<5	10	Bachelor's degree	\$54,379	\$17.60	\$30.42
15-0000	Computer and Mathematical Occupations	10,440	10,960	520	5.0%	260	120	380		\$60,357	\$18.17	\$34.44
15-1011	Computer and Information Scientists, Research	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
15-1021	Computer Programmers	1,120	1,120	0	0.0%	<5	30	30	Bachelor's degree	\$54,320	\$16.45	\$30.95
15-1031	Computer Software Engineers, Applications	1,970	2,140	170	8.6%	90	20	110	Bachelor's degree	\$71,781	\$22.11	\$40.71
15-1032	Computer Software Engineers, Systems Software	690	750	60	8.7%	30	10	40	Bachelor's degree	\$83,476	\$27.82	\$46.29
15-1041	Computer Support Specialists	1,820	1,880	60	3.3%	30	20	50	Associate degree	\$40,573	\$13.89	\$22.32
15-1051	Computer Systems Analysts	2,140	2,220	80	3.7%	40	20	60	Bachelor's degree	\$64,044	\$23.46	\$34.46
15-1061	Database Administrators	330	350	20	6.1%	10	<5	10	Bachelor's degree	\$63,205	\$21.10	\$35.03
15-1071	Network and Computer Systems Administrators	990	1,040	50	5.1%	30	10	40	Bachelor's degree	\$58,797	\$20.58	\$32.11
15-1081	Network Systems and Data Communications Analysts	800	860	60	7.5%	30	10	40	Bachelor's degree	\$56,943	\$19.37	\$31.38
15-1099	Computer Specialists, All Other	*	*	*	*	10	<5	10	Associate degree	*	*	*
15-2011	Actuaries	140	150	10	7.1%	10	10	20	Bachelor's or higher degree + work experience	\$79,535	\$24.21	\$45.25
15-2021	Mathematicians	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
15-2031	Operations Research Analysts	80	80	0	0.0%	<5	<5	<5	Master's degree	\$52,678	\$18.50	\$28.74
15-2041	Statisticians	60	60	0	0.0%	<5	<5	<5	Master's degree	\$63,239	\$20.34	\$35.44
15-2091	Mathematical Technicians	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
15-2099	Mathematical Science Occupations, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
17-0000	Architecture and Engineering Occupations	8,460	8,670	210	2.5%	110	180	290		\$57,726	\$17.72	\$32.77
17-1011	Architects, Except Landscape and Naval	450	470	20	4.4%	10	10	20	Bachelor's degree	\$60,583	\$16.85	\$35.27
17-1012	Landscape Architects	70	70	0	0.0%	<5	<5	<5	Bachelor's degree	\$51,463	\$20.29	\$26.97
17-1021	Cartographers and Photogrammetrists	90	90	0	0.0%	<5	<5	<5	Bachelor's degree	\$43,733	\$15.09	\$23.99
17-1022	Surveyors	240	250	10	4.2%	10	10	20	Bachelor's degree	\$58,888	\$17.86	\$33.54
17-2011	Aerospace Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2021	Agricultural Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2031	Biomedical Engineers	*	*	*	*	10	<5	10	Bachelor's degree	*	*	*
17-2041	Chemical Engineers	90	90	0	0.0%	<5	<5	<5	Bachelor's degree	\$77,784	\$26.60	\$42.80
17-2051	Civil Engineers	1,090	1,100	10	0.9%	10	20	30	Bachelor's degree	\$67,562	\$23.11	\$37.17
17-2061	Computer Hardware Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2071	Electrical Engineers	610	630	20	3.3%	10	10	20	Bachelor's degree	\$63,350	\$22.79	\$34.29
17-2072	Electronics Engineers, Except Computer	320	320	0	0.0%	<5	10	10	Bachelor's degree	\$61,787	\$19.16	\$34.98
17-2081	Environmental Engineers	300	310	10	3.3%	10	10	20	Bachelor's degree	\$65,855	\$24.96	\$35.01
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	30	40	10	33.3%	10	<5	10	Bachelor's degree	\$59,833	\$21.05	\$32.63

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17-2112	Industrial Engineers	610	630	20	3.3%	10	10	20	Bachelor's degree	\$61,026	\$23.12	\$32.45
17-2121	Marine Engineers and Naval Architects	0	0	0	0.0%	<5	<5	<5	Bachelor's degree	*	*	*
17-2131	Materials Engineers	80	90	10	12.5%	10	<5	10	Bachelor's degree	\$67,591	\$25.08	\$36.21
17-2141	Mechanical Engineers	1,000	1,030	30	3.0%	20	30	50	Bachelor's degree	\$65,992	\$22.82	\$36.18
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	0	0	0	0.0%	<5	<5	<5	Bachelor's degree	*	*	*
17-2161	Nuclear Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2199	Engineers, All Other	230	240	10	4.3%	10	<5	10	Bachelor's degree	\$89,718	\$25.84	\$51.78
17-3011	Architectural and Civil Drafters	340	340	0	0.0%	<5	10	10	Postsecondary vocational training	\$43,324	\$15.31	\$23.59
17-3012	Electrical and Electronics Drafters	160	160	0	0.0%	<5	10	10	Postsecondary vocational training	\$47,246	\$16.98	\$25.58
17-3013	Mechanical Drafters	440	450	10	2.3%	10	10	20	Postsecondary vocational training	\$42,252	\$14.79	\$23.08
17-3019	Drafters, All Other	70	70	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$33,009	\$11.43	\$18.09
17-3021	Aerospace Engineering and Operations Technicians	0	0	0	0.0%	<5	<5	<5	Associate degree	*	*	*
17-3022	Civil Engineering Technicians	510	520	10	2.0%	10	10	20	Associate degree	\$41,512	\$15.51	\$22.18
17-3023	Electrical and Electronic Engineering Technicians	510	520	10	2.0%	10	10	20	Associate degree	\$48,764	\$17.37	\$26.48
17-3024	Electro-Mechanical Technicians	*	*	*	*	10	<5	10	Associate degree	*	*	*
17-3025	Environmental Engineering Technicians	*	*	*	*	10	<5	10	Associate degree	*	*	*
17-3026	Industrial Engineering Technicians	200	210	10	5.0%	10	<5	10	Associate degree	\$42,887	\$15.54	\$23.16
17-3027	Mechanical Engineering Technicians	230	230	0	0.0%	<5	10	10	Associate degree	\$39,028	\$12.69	\$21.80
17-3029	Engineering Technicians, Except Drafters, All Other	100	110	10	10.0%	10	<5	10	Associate degree	\$47,050	\$16.13	\$25.86
17-3031	Surveying and Mapping Technicians	250	250	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$33,539	\$12.15	\$18.11
19-0000	Life, Physical, and Social Science Occupations	5,720	5,840	120	2.1%	60	140	200		\$49,734	\$15.39	\$28.17
19-1011	Animal Scientists	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$54,404	\$18.87	\$29.80
19-1012	Food Scientists and Technologists	80	80	0	0.0%	<5	<5	<5	Bachelor's degree	\$48,622	\$17.78	\$26.18
19-1013	Soil and Plant Scientists	90	90	0	0.0%	<5	<5	<5	Bachelor's degree	\$46,197	\$17.82	\$24.40
19-1021	Biochemists and Biophysicists	130	130	0	0.0%	<5	<5	<5	Doctoral degree	\$56,292	\$18.97	\$31.11
19-1022	Microbiologists	190	200	10	5.3%	10	10	20	Doctoral degree	\$50,701	\$18.68	\$27.22
19-1023	Zoologists and Wildlife Biologists	110	110	0	0.0%	<5	<5	<5	Doctoral degree	\$45,143	\$17.70	\$23.70
19-1029	Biological Scientists, All Other	110	110	0	0.0%	<5	<5	<5	Doctoral degree	\$47,765	\$19.01	\$24.94
19-1031	Conservation Scientists	250	240	-10	-4.0%	0	10	10	Bachelor's degree	\$60,625	\$21.81	\$32.81
19-1032	Foresters	150	150	0	0.0%	<5	<5	<5	Bachelor's degree	\$43,681	\$18.41	\$22.30
19-1041	Epidemiologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-1042	Medical Scientists, Except Epidemiologists	290	310	20	6.9%	10	10	20	Doctoral degree	\$51,574	\$18.33	\$28.03
19-1099	Life Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2011	Astronomers	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-2012	Physicists	60	60	0	0.0%	<5	<5	<5	Doctoral degree	\$52,999	\$19.85	\$28.29
19-2021	Atmospheric and Space Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	\$63,123	\$19.81	\$35.62
19-2031	Chemists	460	470	10	2.2%	10	20	30	Bachelor's degree	\$48,923	\$15.85	\$27.36
19-2032	Materials Scientists	120	120	0	0.0%	<5	<5	<5	Bachelor's degree	\$71,187	\$18.28	\$42.20
19-2041	Environmental Scientists and Specialists, Including Health	360	370	10	2.8%	10	10	20	Master's degree	\$49,917	\$18.31	\$26.84
19-2042	Geoscientists, Except Hydrologists and Geographers	*	*	*	*	10	<5	10	Master's degree	*	*	*
19-2043	Hydrologists	110	120	10	9.1%	10	<5	10	Master's degree	\$73,647	\$27.47	\$39.38
19-2099	Physical Scientists, All Other	70	70	0	0.0%	<5	<5	<5	Bachelor's degree	\$44,891	\$19.17	\$22.79
19-3011	Economists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3021	Market Research Analysts	680	710	30	4.4%	20	20	40	Master's degree	\$61,578	\$16.95	\$35.93
19-3022	Survey Researchers	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3031	Clinical, Counseling, and School Psychologists	410	420	10	2.4%	10	10	20	Doctoral degree	\$53,772	\$16.92	\$30.32
19-3039	Psychologists, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3041	Sociologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3051	Urban and Regional Planners	70	70	0	0.0%	<5	<5	<5	Master's degree	\$50,742	\$9.89	\$31.65
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	*	*	*

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19-3094	Political Scientists	*	*	*	*	<5	<5	<5	Master's degree	\$41,777	\$16.00	\$22.13
19-3099	Social Scientists and Related Workers, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-4011	Agricultural and Food Science Technicians	110	110	0	0.0%	<5	<5	<5	Associate degree	\$33,983	\$11.72	\$18.65
19-4021	Biological Technicians	350	350	0	0.0%	<5	10	10	Associate degree	\$33,155	\$11.66	\$18.08
19-4031	Chemical Technicians	290	300	10	3.4%	10	10	20	Associate degree	\$36,555	\$12.98	\$19.87
19-4041	Geological and Petroleum Technicians	0	0	0	0.0%	<5	<5	<5	Associate degree	*	*	*
19-4061	Social Science Research Assistants	110	110	0	0.0%	<5	<5	<5	Associate degree	\$32,815	\$14.89	\$16.22
19-4091	Environmental Science and Protection Technicians, Including Health	90	90	0	0.0%	<5	<5	<5	Associate degree	\$39,321	\$14.65	\$21.03
19-4092	Forensic Science Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4093	Forest and Conservation Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4099	Life, Physical, and Social Science Technicians, All Other	370	380	10	2.7%	10	10	20	Associate degree	\$34,489	\$14.30	\$17.72
21-0000	Community and Social Services Occupations	12,840	13,130	290	2.3%	150	220	370		\$40,885	\$12.05	\$23.46
21-1011	Substance Abuse and Behavioral Disorder Counselors	230	240	10	4.3%	10	10	20	Master's degree	\$40,311	\$15.37	\$21.39
21-1012	Educational, Vocational, and School Counselors	630	640	10	1.6%	10	10	20	Master's degree	\$46,913	\$13.99	\$26.84
21-1013	Marriage and Family Therapists	*	*	*	*	10	<5	10	Master's degree	*	*	*
21-1014	Mental Health Counselors	240	250	10	4.2%	10	10	20	Master's degree	\$40,976	\$10.57	\$24.26
21-1015	Rehabilitation Counselors	400	400	0	0.0%	<5	10	10	Master's degree	\$29,850	\$9.67	\$16.69
21-1019	Counselors, All Other	290	300	10	3.4%	10	10	20	Master's degree	\$42,608	\$12.82	\$24.32
21-1021	Child, Family, and School Social Workers	1,180	1,200	20	1.7%	10	20	30	Master's degree	\$49,839	\$16.35	\$27.77
21-1022	Medical and Public Health Social Workers	340	350	10	2.9%	10	10	20	Master's degree	\$43,797	\$16.23	\$23.47
21-1023	Mental Health and Substance Abuse Social Workers	340	350	10	2.9%	10	10	20	Master's degree	\$54,791	\$16.85	\$31.09
21-1029	Social Workers, All Other	150	150	0	0.0%	<5	<5	<5	Master's degree	\$53,272	\$17.47	\$29.68
21-1091	Health Educators	170	170	0	0.0%	<5	<5	<5	Master's degree	\$41,504	\$13.19	\$23.34
21-1092	Probation Officers and Correctional Treatment Specialists	870	850	-20	-2.3%	0	10	10	Bachelor's degree	*	*	*
21-1093	Social and Human Service Assistants	1,140	1,180	40	3.5%	20	20	40	Moderate-term on-the-job training	\$29,885	\$9.99	\$16.56
21-1099	Community and Social Service Specialists, All Other	470	490	20	4.3%	10	10	20	Bachelor's degree	\$34,506	\$11.36	\$19.21
21-2011	Clergy	3,490	3,560	70	2.0%	40	70	110	Master's degree	\$44,509	\$17.12	\$23.54
21-2021	Directors, Religious Activities and Education	*	*	*	*	40	20	60	Bachelor's degree	*	*	*
21-2099	Religious Workers, All Other	*	*	*	*	10	20	30	Bachelor's degree	*	*	*
23-0000	Legal Occupations	2,780	2,820	40	1.4%	20	30	50		\$79,379	\$17.43	\$48.53
23-1011	Lawyers	1,640	1,670	30	1.8%	20	20	40	First professional degree	\$105,844	\$25.40	\$63.63
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
23-1022	Arbitrators, Mediators, and Conciliators	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
23-1023	Judges, Magistrate Judges, and Magistrates	170	170	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$101,194	\$20.63	\$62.66
23-2011	Paralegals and Legal Assistants	560	570	10	1.8%	10	<5	10	Associate degree	\$48,175	\$18.08	\$25.70
23-2091	Court Reporters	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
23-2092	Law Clerks	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
23-2093	Title Examiners, Abstractors, and Searchers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
23-2099	Legal Support Workers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-0000	Education, Training, and Library Occupations	31,110	31,610	500	1.6%	250	580	830		\$44,804	\$11.94	\$26.34
25-1011	Business Teachers, Postsecondary	320	330	10	3.1%	10	10	20	Doctoral degree	\$85,366	*	*
25-1021	Computer Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1022	Mathematical Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1031	Architecture Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1032	Engineering Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1041	Agricultural Sciences Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
25-1042	Biological Science Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
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	*	*	*

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⁾
25-1052	Chemistry Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1053	Environmental Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1054	Physics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1061	Anthropology and Archeology Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1063	Economics Teachers, Postsecondary	*	*	*	*	<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	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1067	Sociology Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1069	Social Sciences Teachers, Postsecondary, All Other	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1071	Health Specialties Teachers, Postsecondary	*	*	*	*	10	10	20	Master's degree	*	*	*
25-1072	Nursing Instructors and Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1081	Education Teachers, Postsecondary	*	*	*	*	10	10	20	Doctoral degree	*	*	*
25-1082	Library Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	40	40	0	0.0%	<5	<5	<5	Doctoral degree	*	*	*
25-1112	Law Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1113	Social Work Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
25-1121	Art, Drama, and Music Teachers, Postsecondary	*	*	*	*	<5	10	10	Master's degree	*	*	*
25-1122	Communications Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1123	English Language and Literature Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
25-1124	Foreign Language and Literature Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1125	History Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
25-1126	Philosophy and Religion Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1191	Graduate Teaching Assistants	*	*	*	*	10	10	20	Bachelor's degree	*	*	*
25-1192	Home Economics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-1194	Vocational Education Teachers, Postsecondary	*	*	*	*	10	20	30	Work experience in a related occupation	*	*	*
25-1199	Postsecondary Teachers, All Other	500	520	20	4.0%	10	10	20	Doctoral degree	\$59,920	*	*
25-2011	Preschool Teachers, Except Special Education	2,140	2,230	90	4.2%	50	20	70	Bachelor's degree	\$23,837	\$8.31	\$13.03
25-2012	Kindergarten Teachers, Except Special Education	570	580	10	1.8%	10	10	20	Bachelor's degree	\$43,151	*	*
25-2021	Elementary School Teachers, Except Special Education	5,430	5,480	50	0.9%	30	110	140	Bachelor's degree	\$43,617	*	*
25-2022	Middle School Teachers, Except Special and Vocational Education	2,500	2,490	-10	-0.4%	0	50	50	Bachelor's degree	\$45,410	*	*
25-2023	Vocational Education Teachers, Middle School	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,680	3,680	0	0.0%	<5	100	100	Bachelor's degree	\$45,587	*	*
25-2032	Vocational Education Teachers, Secondary School	280	280	0	0.0%	<5	10	10	Bachelor's degree	\$49,524	*	*
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	550	570	20	3.6%	10	10	20	Bachelor's degree	\$44,392	*	*
25-2042	Special Education Teachers, Middle School	290	290	0	0.0%	<5	10	10	Bachelor's degree	\$42,933	*	*
25-2043	Special Education Teachers, Secondary School	420	420	0	0.0%	<5	10	10	Bachelor's degree	\$49,015	*	*
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	*	*	*	*	<5	10	10	Bachelor's degree	*	*	*
25-3021	Self-Enrichment Education Teachers	1,050	1,080	30	2.9%	20	10	30	Work experience in a related occupation	\$36,464	\$10.82	\$20.89
25-3099	Teachers and Instructors, All Other	2,460	2,510	50	2.0%	30	30	60	Bachelor's degree	\$31,887	\$11.03	\$17.48
25-4011	Archivists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4012	Curators	50	50	0	0.0%	<5	<5	<5	Master's degree	\$49,315	\$17.52	\$26.80
25-4013	Museum Technicians and Conservators	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4021	Librarians	470	460	-10	-2.1%	0	10	10	Master's degree	\$52,005	\$18.82	\$28.09

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		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾	Typical Education and Training Path ⁽⁴⁾	Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-4031	Library Technicians	400	400	0	0.0%	<5	20	20	Postsecondary vocational training	\$26,771	\$8.64	\$14.99
25-9011	Audio-Visual Collections Specialists	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
25-9021	Farm and Home Management Advisors	140	140	0	0.0%	<5	<5	<5	Bachelor's degree	\$44,029	\$14.94	\$24.28
25-9031	Instructional Coordinators	240	250	10	4.2%	10	<5	10	Master's degree	\$57,837	\$20.89	\$31.27
25-9041	Teacher Assistants	4,830	4,910	80	1.7%	40	80	120	Associate degree	\$24,536	*	*
25-9099	Education, Training, and Library Workers, All Other	60	60	0	0.0%	<5	<5	<5	Bachelor's degree	\$48,838	\$16.51	\$26.96
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	7,550	7,700	150	2.0%	80	140	220		\$41,146	\$10.62	\$24.36
27-1011	Art Directors	140	140	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$59,052	\$16.50	\$34.33
27-1012	Craft Artists	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$29,495	\$8.99	\$16.77
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$33,481	\$10.84	\$18.72
27-1014	Multi-Media Artists and Animators	160	160	0	0.0%	<5	<5	<5	Bachelor's degree	\$46,150	\$16.04	\$25.26
27-1019	Artists and Related Workers, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-1021	Commercial and Industrial Designers	170	170	0	0.0%	<5	<5	<5	Bachelor's degree	\$54,983	\$18.76	\$30.27
27-1022	Fashion Designers	0	0	0	0.0%	<5	<5	<5	Bachelor's degree	*	*	*
27-1023	Floral Designers	180	170	-10	-5.6%	0	<5	<5	Moderate-term on-the-job training	\$25,447	\$9.40	\$13.65
27-1024	Graphic Designers	760	770	10	1.3%	10	10	20	Bachelor's degree	\$40,264	\$12.57	\$22.75
27-1025	Interior Designers	180	190	10	5.6%	10	<5	10	Bachelor's degree	\$42,964	\$13.72	\$24.13
27-1026	Merchandise Displayers and Window Trimmers	120	120	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,618	\$8.07	\$14.44
27-1027	Set and Exhibit Designers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1029	Designers, All Other	*	*	*	*	10	<5	10	Bachelor's degree	*	*	*
27-2011	Actors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2012	Producers and Directors	140	140	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$43,821	\$14.88	\$24.16
27-2021	Athletes and Sports Competitors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2022	Coaches and Scouts	580	590	10	1.7%	10	10	20	Long-term on-the-job training	\$29,885	*	*
27-2023	Umpires, Referees, and Other Sports Officials	100	100	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$25,260	*	*
27-2031	Dancers	50	60	10	20.0%	10	<5	10	Long-term on-the-job training	*	*	*
27-2032	Choreographers	*	*	*	*	<5	10	10	Work experience in a related occupation	*	*	*
27-2041	Music Directors and Composers	*	*	*	*	10	10	10	Bachelor's or higher degree + work experience	*	*	*
27-2042	Musicians and Singers	*	*	*	*	20	30	50	Long-term on-the-job training	*	*	*
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	40	50	10	25.0%	10	<5	10	Long-term on-the-job training	*	\$9.62	\$16.20
27-3011	Radio and Television Announcers	150	150	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$22,629	\$7.88	\$12.38
27-3012	Public Address System and Other Announcers	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$29,857	\$8.67	\$17.19
27-3021	Broadcast News Analysts	*	*	*	*	10	<5	10	Bachelor's or higher degree + work experience	*	*	*
27-3022	Reporters and Correspondents	130	130	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$29,942	\$10.18	\$16.50
27-3031	Public Relations Specialists	940	950	10	1.1%	10	10	20	Bachelor's degree	\$47,683	\$13.98	\$27.40
27-3041	Editors	360	370	10	2.8%	10	10	20	Bachelor's degree	\$53,188	\$16.37	\$30.17
27-3042	Technical Writers	150	160	10	6.7%	10	<5	10	Bachelor's degree	\$49,868	\$16.84	\$27.54
27-3043	Writers and Authors	200	210	10	5.0%	10	<5	10	Bachelor's degree	\$34,236	\$6.46	\$21.46
27-3091	Interpreters and Translators	150	150	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,339	\$15.10	\$25.15
27-3099	Media and Communication Workers, All Other	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$58,522	\$21.36	\$31.53
27-4011	Audio and Video Equipment Technicians	110	120	10	9.1%	10	<5	10	Long-term on-the-job training	\$32,890	\$11.47	\$17.99
27-4012	Broadcast Technicians	130	140	10	7.7%	10	<5	10	Postsecondary vocational training	\$33,246	\$9.62	\$19.17
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	150	150	0	0.0%	<5	<5	<5	Bachelor's degree	\$33,567	\$10.51	\$18.95
27-4031	Camera Operators, Television, Video, and Motion Picture	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
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	Healthcare Practitioners and Technical Occupations	20,760	21,620	860	4.1%	430	350	780		\$63,444	\$15.19	\$38.16
29-1011	Chiropractors	110	110	0	0.0%	<5	<5	<5	First professional degree	\$107,369	\$27.93	\$63.47
29-1021	Dentists, General	290	290	0	0.0%	<5	<5	<5	First professional degree	\$163,826	\$52.13	\$92.08
29-1022	Oral and Maxillofacial Surgeons	*	*	*	*	<5	<5	<5	First professional degree	*	*	*

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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⁾
29-1023	Orthodontists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1024	Prosthodontists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1029	Dentists, All Other Specialists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1031	Dietitians and Nutritionists	170	180	10	5.9%	10	10	20	Bachelor's degree	\$48,988	\$15.87	\$27.39
29-1041	Optometrists	50	60	10	20.0%	10	<5	10	First professional degree	\$75,597	\$27.39	\$40.82
29-1051	Pharmacists	670	690	20	3.0%	10	10	20	First professional degree	\$93,020	\$37.23	\$48.47
29-1061	Anesthesiologists	80	80	0	0.0%	<5	<5	<5	First professional degree	\$151,233	\$55.43	\$81.35
29-1062	Family and General Practitioners	360	370	10	2.8%	10	<5	10	First professional degree	\$159,398	\$47.69	\$91.11
29-1063	Internists, General	210	220	10	4.8%	10	<5	10	First professional degree	\$175,842	*	*
29-1064	Obstetricians and Gynecologists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1065	Pediatricians, General	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1066	Psychiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1067	Surgeons	150	150	0	0.0%	<5	<5	<5	First professional degree	*	*	*
29-1069	Physicians and Surgeons, All Other	*	*	*	*	10	10	20	First professional degree	*	*	*
29-1071	Physician Assistants	160	170	10	6.3%	10	<5	10	Bachelor's degree	\$76,146	\$30.19	\$39.82
29-1081	Podiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1111	Registered Nurses	7,610	8,010	400	5.3%	200	140	340	Associate or Bachelor's degree ⁽⁸⁾	\$59,227	\$23.11	\$31.16
29-1121	Audiologists	40	40	0	0.0%	<5	<5	<5	Doctoral degree	\$65,902	\$22.90	\$36.08
29-1122	Occupational Therapists	370	380	10	2.7%	10	10	20	Master's degree	\$53,703	\$18.74	\$29.36
29-1123	Physical Therapists	530	550	20	3.8%	10	<5	10	Master's degree	\$60,944	\$23.83	\$32.03
29-1124	Radiation Therapists	*	*	*	*	10	<5	10	Associate degree	*	*	*
29-1125	Recreational Therapists	80	80	0	0.0%	<5	<5	<5	Bachelor's degree	\$35,203	\$11.63	\$19.57
29-1126	Respiratory Therapists	270	280	10	3.7%	10	10	20	Associate degree	\$50,344	\$20.35	\$26.13
29-1127	Speech-Language Pathologists	330	340	10	3.0%	10	10	20	Master's degree	\$49,733	\$17.18	\$27.27
29-1129	Therapists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
29-1131	Veterinarians	250	250	0	0.0%	<5	10	10	First professional degree	\$71,092	\$22.72	\$39.91
29-1199	Health Diagnosing and Treating Practitioners, All Other	90	90	0	0.0%	<5	<5	<5	First professional degree	\$62,169	\$19.99	\$34.84
29-2011	Medical and Clinical Laboratory Technologists	490	520	30	6.1%	20	10	30	Bachelor's degree	\$48,630	\$18.01	\$26.07
29-2012	Medical and Clinical Laboratory Technicians	270	280	10	3.7%	10	10	20	Associate degree	\$36,895	\$13.81	\$19.70
29-2021	Dental Hygienists	590	620	30	5.1%	20	<5	20	Associate degree	\$54,225	\$20.85	\$28.68
29-2031	Cardiovascular Technologists and Technicians	100	110	10	10.0%	10	<5	10	Associate degree	\$43,183	\$13.12	\$24.58
29-2032	Diagnostic Medical Sonographers	130	140	10	7.7%	10	<5	10	Associate degree	\$62,987	\$25.79	\$32.53
29-2033	Nuclear Medicine Technologists	50	50	0	0.0%	<5	<5	<5	Associate degree	\$64,472	\$27.27	\$32.86
29-2034	Radiologic Technologists and Technicians	670	710	40	6.0%	20	10	30	Associate degree	\$49,016	\$19.13	\$25.79
29-2041	Emergency Medical Technicians and Paramedics	1,010	1,040	30	3.0%	20	10	30	Postsecondary vocational training	\$27,546	\$7.83	\$15.95
29-2051	Dietetic Technicians	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$26,448	\$9.12	\$14.51
29-2052	Pharmacy Technicians	900	930	30	3.3%	20	10	30	Moderate-term on-the-job training	\$27,120	\$10.17	\$14.47
29-2053	Psychiatric Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
29-2054	Respiratory Therapy Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
29-2055	Surgical Technologists	330	350	20	6.1%	10	<5	10	Postsecondary vocational training	\$39,049	\$15.30	\$20.51
29-2056	Veterinary Technologists and Technicians	270	280	10	3.7%	10	<5	10	Associate degree	\$31,654	\$11.82	\$16.92
29-2061	Licensed Practical and Licensed Vocational Nurses	1,610	1,630	20	1.2%	10	30	40	Postsecondary vocational training	\$37,418	\$15.30	\$19.33
29-2071	Medical Records and Health Information Technicians	500	530	30	6.0%	20	10	30	Associate degree	\$32,855	\$10.47	\$18.46
29-2081	Opticians, Dispensing	250	260	10	4.0%	10	<5	10	Long-term on-the-job training	\$29,055	\$9.77	\$16.07
29-2091	Orthotists and Prosthetists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
29-2099	Health Technologists and Technicians, All Other	*	*	*	*	10	10	20	Postsecondary vocational training	*	*	*
29-9011	Occupational Health and Safety Specialists	120	130	10	8.3%	10	<5	10	Bachelor's degree	\$53,654	\$19.50	\$28.95
29-9012	Occupational Health and Safety Technicians	10	10	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$43,146	\$13.03	\$24.60
29-9091	Athletic Trainers	60	70	10	16.7%	10	<5	10	Bachelor's degree	\$39,464	*	*
29-9099	Healthcare Practitioners and Technical Workers, All Other	220	220	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$36,833	\$12.73	\$20.20
31-0000	Healthcare Support Occupations	12,520	13,010	490	3.9%	250	180	430		\$26,059	\$9.53	\$14.03
31-1011	Home Health Aides	*	*	*	*	100	30	130	Short-term on-the-job training	*	*	*
31-1012	Nursing Aides, Orderlies, and Attendants	5,310	5,390	80	1.5%	40	60	100	Postsecondary vocational training	\$25,909	\$10.25	\$13.56
31-1013	Psychiatric Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*

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31-2011	Occupational Therapist Assistants	100	100	0	0.0%	<5	<5	<5	Associate degree	\$45,265	\$14.67	\$25.31
31-2012	Occupational Therapist Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
31-2021	Physical Therapist Assistants	200	200	0	0.0%	<5	<5	<5	Associate degree	\$39,553	\$14.00	\$21.52
31-2022	Physical Therapist Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
31-9011	Massage Therapists	130	130	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$41,147	\$14.18	\$22.58
31-9091	Dental Assistants	760	800	40	5.3%	20	20	40	Moderate-term on-the-job training	\$31,234	\$11.49	\$16.78
31-9092	Medical Assistants	1,040	1,110	70	6.7%	40	20	60	Moderate-term on-the-job training	\$28,673	\$11.50	\$14.93
31-9093	Medical Equipment Preparers	140	140	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$26,009	\$9.26	\$14.12
31-9094	Medical Transcriptionists	590	620	30	5.1%	20	10	30	Postsecondary vocational training	\$31,731	\$12.14	\$16.82
31-9095	Pharmacy Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	250	260	10	4.0%	10	10	20	Short-term on-the-job training	\$21,198	\$7.94	\$11.32
31-9099	Healthcare Support Workers, All Other	1,080	1,120	40	3.7%	20	20	40	Short-term on-the-job training	\$29,240	\$10.92	\$15.63
33-0000	Protective Service Occupations	9,380	9,340	-40	-0.4%	0	270	270		\$35,975	\$8.81	\$21.54
33-1011	First-Line Supervisors/Managers of Correctional Officers	*	*	*	*	<5	10	10	Work experience in a related occupation	*	*	*
33-1012	First-Line Supervisors/Managers of Police and Detectives	210	220	10	4.8%	10	10	20	Work experience in a related occupation	\$65,565	\$23.98	\$35.29
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	70	70	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$45,425	\$15.39	\$25.06
33-2011	Fire Fighters	*	*	*	*	20	30	50	Long-term on-the-job training	*	*	*
33-2021	Fire Inspectors and Investigators	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$55,483	\$21.37	\$29.33
33-3011	Bailiffs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-3012	Correctional Officers and Jailers	*	*	*	*	<5	60	60	Moderate-term on-the-job training	*	*	*
33-3021	Detectives and Criminal Investigators	290	290	0	0.0%	<5	10	10	Work experience in a related occupation	\$57,083	\$21.95	\$30.19
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	1,680	1,690	10	0.6%	10	40	50	Long-term on-the-job training	\$46,795	\$17.21	\$25.14
33-3052	Transit and Railroad Police	0	0	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
33-9011	Animal Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9021	Private Detectives and Investigators	40	50	10	25.0%	10	<5	10	Work experience in a related occupation	\$40,932	\$12.56	\$23.24
33-9031	Gaming Surveillance Officers and Gaming Investigators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9032	Security Guards	1,400	1,400	0	0.0%	<5	30	30	Short-term on-the-job training	\$22,838	\$8.16	\$12.39
33-9091	Crossing Guards	230	230	0	0.0%	<5	10	10	Short-term on-the-job training	\$22,577	\$8.17	\$12.19
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	360	370	10	2.8%	10	40	50	Short-term on-the-job training	\$17,188	\$6.98	\$8.91
33-9099	Protective Service Workers, All Other	240	240	0	0.0%	<5	30	30	Short-term on-the-job training	\$34,242	\$8.82	\$20.28
35-0000	Food Preparation and Serving Related Occupations	38,070	39,020	950	2.5%	480	1,870	2,350		\$18,565	\$6.47	\$10.15
35-1011	Chefs and Head Cooks	410	420	10	2.4%	10	20	30	Postsecondary vocational training	\$31,807	\$10.50	\$17.69
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,330	2,390	60	2.6%	30	60	90	Work experience in a related occupation	\$31,968	\$11.00	\$17.55
35-2011	Cooks, Fast Food	1,550	1,590	40	2.6%	20	60	80	Short-term on-the-job training	\$16,968	\$6.99	\$8.74
35-2012	Cooks, Institution and Cafeteria	1,510	1,500	-10	-0.7%	0	60	60	Long-term on-the-job training	\$24,692	\$9.67	\$12.97
35-2013	Cooks, Private Household	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2014	Cooks, Restaurant	2,570	2,650	80	3.1%	40	100	140	Long-term on-the-job training	\$20,170	\$7.79	\$10.65
35-2015	Cooks, Short Order	*	*	*	*	10	30	40	Short-term on-the-job training	*	*	*
35-2019	Cooks, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2021	Food Preparation Workers	2,290	2,340	50	2.2%	30	100	130	Short-term on-the-job training	\$19,157	\$7.27	\$10.18
35-3011	Bartenders	3,670	3,750	80	2.2%	40	140	180	Short-term on-the-job training	\$16,730	\$6.40	\$8.87
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	8,590	8,810	220	2.6%	110	470	580	Short-term on-the-job training	\$16,472	\$6.40	\$8.68
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,170	1,190	20	1.7%	10	120	130	Short-term on-the-job training	\$16,665	\$6.59	\$8.72
35-3031	Waiters and Waitresses	7,980	8,230	250	3.1%	130	470	600	Short-term on-the-job training	\$16,580	\$6.38	\$8.77

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35-3041	Food Servers, Nonrestaurant	770	770	0	0.0%	<5	30	30	Short-term on-the-job training	\$23,243	\$8.27	\$12.63
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,430	1,460	30	2.1%	20	70	90	Short-term on-the-job training	\$15,636	\$6.38	\$8.09
35-9021	Dishwashers	2,070	2,140	70	3.4%	40	100	140	Short-term on-the-job training	\$16,479	\$6.43	\$8.67
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	*	*	*	*	20	40	60	Short-term on-the-job training	*	*	*
35-9099	Food Preparation and Serving Related Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
37-0000	Building and Grounds Cleaning and Maintenance Occupations	19,220	19,700	480	2.5%	240	380	620		\$24,169	\$7.94	\$13.46
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	760	780	20	2.6%	10	20	30	Work experience in a related occupation	\$36,888	\$11.28	\$20.96
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	330	340	10	3.0%	10	<5	10	Work experience in a related occupation	\$44,477	\$13.96	\$25.09
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,030	10,290	260	2.6%	130	190	320	Short-term on-the-job training	\$22,922	\$8.01	\$12.52
37-2012	Maids and Housekeeping Cleaners	4,970	5,080	110	2.2%	60	100	160	Short-term on-the-job training	\$18,753	\$7.19	\$9.93
37-2019	Building Cleaning Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
37-2021	Pest Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
37-3011	Landscaping and Groundskeeping Workers	2,850	2,920	70	2.5%	40	60	100	Short-term on-the-job training	\$26,043	\$8.99	\$14.29
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	*	*	*	*	10	<5	10	Moderate-term on-the-job training	*	*	*
37-3013	Tree Trimmers and Pruners	80	80	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$33,090	\$11.20	\$18.26
37-3019	Grounds Maintenance Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-0000	Personal Care and Service Occupations	12,980	13,490	510	3.9%	260	310	570		\$21,819	\$7.43	\$12.02
39-1011	Gaming Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
39-1012	Slot Key Persons	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-1021	First-Line Supervisors/Managers of Personal Service Workers	520	540	20	3.8%	10	10	20	Work experience in a related occupation	\$30,411	\$10.63	\$16.62
39-2011	Animal Trainers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-2021	Nonfarm Animal Caretakers	*	*	*	*	10	10	20	Short-term on-the-job training	*	*	*
39-3011	Gaming Dealers	*	*	*	*	<5	10	10	Postsecondary vocational training	*	*	*
39-3012	Gaming and Sports Book Writers and Runners	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3019	Gaming Service Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-3021	Motion Picture Projectionists	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3031	Ushers, Lobby Attendants, and Ticket Takers	220	210	-10	-4.5%	0	20	20	Short-term on-the-job training	\$14,965	\$6.31	\$7.64
39-3091	Amusement and Recreation Attendants	840	850	10	1.2%	10	30	40	Short-term on-the-job training	\$18,159	\$6.72	\$9.74
39-3092	Costume Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3093	Locker Room, Coathouse, and Dressing Room Attendants	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$20,040	\$7.27	\$10.82
39-3099	Entertainment Attendants and Related Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-4011	Embalmers	10	10	0	0.0%	<5	<5	<5	Postsecondary vocational training	*	*	*
39-4021	Funeral Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-5011	Barbers	50	50	0	0.0%	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,700	1,740	40	2.4%	20	30	50	Postsecondary vocational training	\$22,991	\$7.19	\$12.98
39-5091	Makeup Artists, Theatrical and Performance	0	0	0	0.0%	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5092	Manicurists and Pedicurists	100	100	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$17,767	\$7.08	\$9.27
39-5093	Shampooers	0	0	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
39-5094	Skin Care Specialists	40	50	10	25.0%	10	<5	10	Postsecondary vocational training	\$33,985	\$9.75	\$19.63
39-6011	Baggage Porters and Bellhops	60	60	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$21,451	\$6.69	\$12.12
39-6012	Concierges	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6021	Tour Guides and Escorts	120	120	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$17,335	\$6.38	\$9.31
39-6022	Travel Guides	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6031	Flight Attendants	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-9011	Child Care Workers	2,990	3,120	130	4.3%	70	90	160	Short-term on-the-job training	\$20,452	\$7.56	\$10.97

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39-9021	Personal and Home Care Aides	3,200	3,420	220	6.9%	110	50	160	Short-term on-the-job training	\$20,224	\$8.48	\$10.35
39-9031	Fitness Trainers and Aerobics Instructors	650	670	20	3.1%	10	20	30	Postsecondary vocational training	\$27,435	\$8.18	\$15.69
39-9032	Recreation Workers	1,090	1,120	30	2.8%	20	20	40	Bachelor's degree	\$24,324	\$7.21	\$13.94
39-9041	Residential Advisors	170	170	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$28,575	\$10.12	\$15.55
39-9099	Personal Care and Service Workers, All Other	130	130	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$23,371	\$7.43	\$13.14
41-0000	Sales and Related Occupations	39,820	40,120	300	0.8%	150	1,530	1,680		\$33,948	\$7.55	\$20.71
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,840	2,830	-10	-0.4%	0	50	50	Work experience in a related occupation	\$40,014	\$12.41	\$22.65
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	750	760	10	1.3%	10	10	20	Work experience in a related occupation	\$73,104	\$19.08	\$43.18
41-2011	Cashiers	9,300	9,200	-100	-1.1%	0	600	600	Short-term on-the-job training	\$17,924	\$6.88	\$9.49
41-2012	Gaming Change Persons and Booth Cashiers	90	90	0	0.0%	<5	10	10	Short-term on-the-job training	*	*	*
41-2021	Counter and Rental Clerks	1,310	1,330	20	1.5%	10	60	70	Short-term on-the-job training	\$21,729	\$6.92	\$12.21
41-2022	Parts Salespersons	540	520	-20	-3.7%	0	20	20	Moderate-term on-the-job training	\$34,193	\$11.54	\$18.89
41-2031	Retail Salespersons	12,900	13,060	160	1.2%	80	520	600	Short-term on-the-job training	\$23,221	\$7.44	\$13.03
41-3011	Advertising Sales Agents	480	480	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$41,452	\$10.42	\$24.68
41-3021	Insurance Sales Agents	1,020	1,030	10	1.0%	10	20	30	Bachelor's degree	\$66,618	\$15.37	\$40.36
41-3031	Securities, Commodities, and Financial Services Sales Agents	420	430	10	2.4%	10	<5	10	Bachelor's degree	\$74,674	\$16.06	\$45.82
41-3041	Travel Agents	190	180	-10	-5.3%	0	<5	<5	Postsecondary vocational training	\$27,106	\$8.38	\$15.36
41-3099	Sales Representatives, Services, All Other	1,420	1,440	20	1.4%	10	30	40	Moderate-term on-the-job training	\$56,347	\$13.40	\$33.93
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,260	1,290	30	2.4%	20	30	50	Moderate-term on-the-job training	\$73,827	\$22.06	\$42.21
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	4,790	4,920	130	2.7%	70	120	190	Moderate-term on-the-job training	\$57,387	\$15.04	\$33.86
41-9011	Demonstrators and Product Promoters	*	*	*	*	<5	10	10	Moderate-term on-the-job training	\$23,912	\$7.11	\$13.69
41-9012	Models	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
41-9021	Real Estate Brokers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
41-9022	Real Estate Sales Agents	200	210	10	5.0%	10	<5	10	Postsecondary vocational training	\$51,991	\$13.19	\$30.90
41-9031	Sales Engineers	280	290	10	3.6%	10	10	20	Bachelor's degree	\$63,378	\$21.24	\$35.09
41-9041	Telemarketers	1,170	1,160	-10	-0.9%	0	20	20	Short-term on-the-job training	\$20,946	\$7.73	\$11.24
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
41-9099	Sales and Related Workers, All Other	510	530	20	3.9%	10	10	20	Moderate-term on-the-job training	\$46,707	\$11.08	\$28.14
43-0000	Office and Administrative Support Occupations	78,460	78,460	0	0.0%	<5	1,800	1,800		\$30,328	\$9.94	\$16.90
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	3,970	3,980	10	0.3%	10	80	90	Work experience in a related occupation	\$45,964	\$15.04	\$25.63
43-2011	Switchboard Operators, Including Answering Service	*	*	*	*	<5	20	20	Short-term on-the-job training	*	*	*
43-2021	Telephone Operators	60	50	-10	-16.7%	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	910	950	40	4.4%	20	20	40	Short-term on-the-job training	\$31,218	\$11.08	\$16.97
43-3021	Billing and Posting Clerks and Machine Operators	1,570	1,560	-10	-0.6%	0	30	30	Moderate-term on-the-job training	\$31,055	\$12.06	\$16.36
43-3031	Bookkeeping, Accounting, and Auditing Clerks	7,640	7,660	20	0.3%	10	140	150	Moderate-term on-the-job training	\$31,184	\$10.69	\$17.14
43-3041	Gaming Cage Workers	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
43-3051	Payroll and Timekeeping Clerks	610	630	20	3.3%	10	20	30	Moderate-term on-the-job training	\$33,310	\$12.38	\$17.83
43-3061	Procurement Clerks	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
43-3071	Tellers	1,930	1,980	50	2.6%	30	110	140	Short-term on-the-job training	\$22,573	\$8.93	\$11.81
43-4011	Brokerage Clerks	120	120	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$35,352	\$14.36	\$18.32
43-4021	Correspondence Clerks	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$27,811	\$12.72	\$13.70
43-4031	Court, Municipal, and License Clerks	190	190	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$34,576	\$11.22	\$19.33
43-4041	Credit Authorizers, Checkers, and Clerks	180	160	-20	-11.1%	0	<5	<5	Short-term on-the-job training	\$31,155	\$12.31	\$16.31
43-4051	Customer Service Representatives	7,710	7,870	160	2.1%	80	110	190	Moderate-term on-the-job training	\$31,922	\$10.63	\$17.71
43-4061	Eligibility Interviewers, Government Programs	210	200	-10	-4.8%	0	10	10	Moderate-term on-the-job training	\$33,774	\$10.81	\$18.95
43-4071	File Clerks	850	780	-70	-8.2%	0	30	30	Short-term on-the-job training	\$24,078	\$8.69	\$13.02
43-4081	Hotel, Motel, and Resort Desk Clerks	1,080	1,080	0	0.0%	<5	60	60	Short-term on-the-job training	\$19,320	\$7.74	\$10.06

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43-4111	Interviewers, Except Eligibility and Loan	600	620	20	3.3%	10	20	30	Short-term on-the-job training	\$26,531	\$10.46	\$13.90
43-4121	Library Assistants, Clerical	280	280	0	0.0%	<5	10	10	Short-term on-the-job training	\$22,844	\$8.08	\$12.43
43-4131	Loan Interviewers and Clerks	760	760	0	0.0%	<5	10	10	Short-term on-the-job training	\$32,117	\$12.01	\$17.16
43-4141	New Accounts Clerks	270	280	10	3.7%	10	10	20	Work experience in a related occupation	\$30,564	\$12.50	\$15.79
43-4151	Order Clerks	1,750	1,700	-50	-2.9%	0	40	40	Short-term on-the-job training	\$27,953	\$11.80	\$14.26
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	590	600	10	1.7%	10	10	20	Short-term on-the-job training	\$34,966	\$12.75	\$18.84
43-4171	Receptionists and Information Clerks	4,160	4,260	100	2.4%	50	110	160	Short-term on-the-job training	\$25,235	\$9.07	\$13.66
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	130	130	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$18,685	\$7.81	\$9.57
43-4199	Information and Record Clerks, All Other	810	790	-20	-2.5%	0	10	10	Short-term on-the-job training	\$32,625	\$12.29	\$17.38
43-5011	Cargo and Freight Agents	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$40,236	\$11.65	\$23.19
43-5021	Couriers and Messengers	270	260	-10	-3.7%	0	10	10	Short-term on-the-job training	\$25,342	\$9.55	\$13.50
43-5031	Police, Fire, and Ambulance Dispatchers	230	230	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$35,940	\$14.42	\$18.71
43-5032	Dispatchers, Except Police, Fire, and Ambulance	420	420	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$35,689	\$11.32	\$20.08
43-5041	Meter Readers, Utilities	90	80	-10	-11.1%	0	<5	<5	Short-term on-the-job training	\$28,177	\$8.51	\$16.07
43-5051	Postal Service Clerks	190	190	0	0.0%	<5	10	10	Short-term on-the-job training	\$43,892	\$20.01	\$21.65
43-5052	Postal Service Mail Carriers	1,040	1,030	-10	-1.0%	0	30	30	Short-term on-the-job training	\$43,326	\$16.86	\$22.81
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	530	530	0	0.0%	<5	10	10	Short-term on-the-job training	\$42,484	\$17.88	\$21.70
43-5061	Production, Planning, and Expediting Clerks	990	1,010	20	2.0%	10	20	30	Short-term on-the-job training	\$39,206	\$14.46	\$21.04
43-5071	Shipping, Receiving, and Traffic Clerks	2,450	2,460	10	0.4%	10	50	60	Short-term on-the-job training	\$28,000	\$10.51	\$14.94
43-5081	Stock Clerks and Order Fillers	4,600	4,490	-110	-2.4%	0	230	230	Short-term on-the-job training	\$22,288	\$7.41	\$12.37
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	300	300	0	0.0%	<5	10	10	Short-term on-the-job training	\$29,265	\$11.13	\$15.54
43-6011	Executive Secretaries and Administrative Assistants	5,510	5,580	70	1.3%	40	100	140	Moderate-term on-the-job training	\$35,544	\$12.76	\$19.25
43-6012	Legal Secretaries	690	690	0	0.0%	<5	10	10	Postsecondary vocational training	\$34,552	\$10.53	\$19.65
43-6013	Medical Secretaries	690	700	10	1.4%	10	10	20	Postsecondary vocational training	\$28,427	\$11.31	\$14.85
43-6014	Secretaries, Except Legal, Medical, and Executive	8,950	8,790	-160	-1.8%	0	160	160	Moderate-term on-the-job training	\$29,031	\$10.78	\$15.55
43-9011	Computer Operators	340	330	-10	-2.9%	0	10	10	Moderate-term on-the-job training	\$36,117	\$12.36	\$19.87
43-9021	Data Entry Keyers	1,110	1,090	-20	-1.8%	0	30	30	Moderate-term on-the-job training	\$25,193	\$9.43	\$13.45
43-9022	Word Processors and Typists	390	380	-10	-2.6%	0	10	10	Moderate-term on-the-job training	\$32,187	\$12.16	\$17.13
43-9031	Desktop Publishers	160	170	10	6.3%	10	<5	10	Postsecondary vocational training	\$35,475	\$12.72	\$19.22
43-9041	Insurance Claims and Policy Processing Clerks	1,650	1,660	10	0.6%	10	30	40	Moderate-term on-the-job training	\$32,224	\$11.91	\$17.28
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	770	710	-60	-7.8%	0	20	20	Short-term on-the-job training	\$26,863	\$9.99	\$14.38
43-9061	Office Clerks, General	8,460	8,480	20	0.2%	10	190	200	Short-term on-the-job training	\$25,534	\$8.80	\$14.01
43-9071	Office Machine Operators, Except Computer	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
43-9081	Proofreaders and Copy Markers	80	80	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$28,010	\$9.22	\$15.59
43-9111	Statistical Assistants	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$38,326	\$14.63	\$20.32
43-9199	Office and Administrative Support Workers, All Other	890	890	0	0.0%	<5	20	20	Short-term on-the-job training	\$28,577	\$8.29	\$16.46
45-0000	Farming, Fishing, and Forestry Occupations	740	750	10	1.4%	10	20	30		\$30,075	\$8.67	\$17.35
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	110	110	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$37,134	\$12.95	\$20.30
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	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$36,237	\$11.89	\$20.18
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	90	100	10	11.1%	10	<5	10	Short-term on-the-job training	\$21,126	\$7.63	\$11.42
45-2093	Farmworkers, Farm and Ranch Animals	230	240	10	4.3%	10	10	20	Short-term on-the-job training	\$24,792	\$8.07	\$13.84
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	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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45-4023	Log Graders and Scalers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4029	Logging Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-0000	Construction and Extraction Occupations	18,500	18,760	260	1.4%	130	340	470		\$43,453	\$13.24	\$24.72
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,340	1,360	20	1.5%	10	20	30	Work experience in a related occupation	\$61,636	\$20.19	\$34.35
47-2011	Boilermakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2021	Brickmasons and Blockmasons	360	360	0	0.0%	<5	10	10	Long-term on-the-job training	\$54,481	\$19.76	\$29.41
47-2022	Stonemasons	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2031	Carpenters	3,540	3,540	0	0.0%	<5	50	50	Long-term on-the-job training	\$39,713	\$13.20	\$22.04
47-2041	Carpet Installers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
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	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2044	Tile and Marble Setters	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2051	Cement Masons and Concrete Finishers	650	670	20	3.1%	10	10	20	Moderate-term on-the-job training	\$41,813	\$14.91	\$22.70
47-2053	Terrazzo Workers and Finishers	0	0	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2061	Construction Laborers	2,100	2,100	0	0.0%	<5	30	30	Moderate-term on-the-job training	\$33,899	\$11.58	\$18.66
47-2071	Paving, Surfacing, and Tamping Equipment Operators	130	140	10	7.7%	10	<5	10	Moderate-term on-the-job training	\$38,414	\$14.00	\$20.70
47-2072	Pile-Driver Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2073	Operating Engineers and Other Construction Equipment Operators	1,360	1,410	50	3.7%	30	30	60	Moderate-term on-the-job training	\$44,837	\$16.90	\$23.89
47-2081	Drywall and Ceiling Tile Installers	270	270	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$47,685	\$17.67	\$25.56
47-2082	Tapers	150	150	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$50,575	\$22.05	\$25.45
47-2111	Electricians	1,840	1,870	30	1.6%	20	30	50	Long-term on-the-job training	\$48,607	\$16.06	\$27.03
47-2121	Glaziers	110	110	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,304	\$13.29	\$26.03
47-2131	Insulation Workers, Floor, Ceiling, and Wall	90	90	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,076	\$10.83	\$16.27
47-2132	Insulation Workers, Mechanical	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$59,331	\$19.07	\$33.25
47-2141	Painters, Construction and Maintenance	690	700	10	1.4%	10	10	20	Moderate-term on-the-job training	\$39,986	\$12.42	\$22.63
47-2142	Paperhangers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2151	Pipelayers	*	*	*	*	10	<5	10	Moderate-term on-the-job training	*	*	*
47-2152	Plumbers, Pipefitters, and Steamfitters	1,450	1,490	40	2.8%	20	30	50	Long-term on-the-job training	\$58,093	\$19.86	\$31.96
47-2161	Plasterers and Stucco Masons	130	130	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$42,262	\$14.29	\$23.33
47-2171	Reinforcing Iron and Rebar Workers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2181	Roofers	370	380	10	2.7%	10	10	20	Moderate-term on-the-job training	\$34,638	\$11.75	\$19.10
47-2211	Sheet Metal Workers	540	550	10	1.9%	10	10	20	Long-term on-the-job training	\$53,345	\$15.92	\$30.51
47-2221	Structural Iron and Steel Workers	230	230	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,635	\$13.16	\$26.33
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	60	60	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$25,034	\$9.27	\$13.42
47-3012	Helpers--Carpenters	200	210	10	5.0%	10	10	20	Short-term on-the-job training	\$24,541	\$7.72	\$13.84
47-3013	Helpers--Electricians	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$26,153	\$10.35	\$13.69
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	120	130	10	8.3%	10	10	20	Short-term on-the-job training	\$22,231	\$6.67	\$12.70
47-3016	Helpers--Roofers	30	30	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$26,066	\$9.92	\$13.84
47-3019	Helpers, Construction Trades, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-4011	Construction and Building Inspectors	300	310	10	3.3%	10	10	20	Work experience in a related occupation	\$44,575	\$15.10	\$24.59
47-4021	Elevator Installers and Repairers	20	20	0	0.0%	<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	100	100	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$40,432	\$15.27	\$21.52
47-4051	Highway Maintenance Workers	670	690	20	3.0%	10	10	20	Moderate-term on-the-job training	\$34,038	\$12.50	\$18.30
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	190	190	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$28,125	\$10.29	\$15.14
47-5012	Rotary Drill Operators, Oil and Gas	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5021	Earth Drillers, Except Oil and Gas	160	170	10	6.3%	10	<5	10	Moderate-term on-the-job training	\$38,110	\$13.72	\$20.62
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5041	Continuous Mining Machine Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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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	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5081	Helpers--Extraction Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-5099	Extraction Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-0000	Installation, Maintenance, and Repair Occupations	15,900	16,100	200	1.3%	100	340	440		\$38,682	\$12.15	\$21.82
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,240	1,250	10	0.8%	10	30	40	Work experience in a related occupation	\$55,135	\$19.14	\$30.19
49-2011	Computer, Automated Teller, and Office Machine Repairers	400	400	0	0.0%	<5	10	10	Postsecondary vocational training	\$36,632	\$10.36	\$21.24
49-2021	Radio Mechanics	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	620	580	-40	-6.5%	0	10	10	Postsecondary vocational training	\$50,407	\$18.57	\$27.07
49-2091	Avionics Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2092	Electric Motor, Power Tool, and Related Repairers	*	*	*	*	10	<5	10	Postsecondary vocational training	*	*	*
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	230	240	10	4.3%	10	10	20	Postsecondary vocational training	\$43,266	\$16.74	\$22.83
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	40	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$65,619	\$24.04	\$35.30
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	60	60	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$25,996	\$10.91	\$13.29
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	120	120	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$32,681	\$11.30	\$17.92
49-2098	Security and Fire Alarm Systems Installers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-3011	Aircraft Mechanics and Service Technicians	140	140	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$51,003	\$16.82	\$28.37
49-3021	Automotive Body and Related Repairers	420	410	-10	-2.4%	0	10	10	Long-term on-the-job training	\$39,991	\$13.45	\$22.12
49-3022	Automotive Glass Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3023	Automotive Service Technicians and Mechanics	1,690	1,690	0	0.0%	<5	40	40	Postsecondary vocational training	\$34,422	\$10.48	\$19.58
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	590	600	10	1.7%	10	20	30	Postsecondary vocational training	\$38,765	\$13.14	\$21.38
49-3041	Farm Equipment Mechanics	160	160	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$32,689	\$11.57	\$17.79
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	260	270	10	3.8%	10	10	20	Postsecondary vocational training	\$38,724	\$15.63	\$20.11
49-3043	Rail Car Repairers	0	0	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3051	Motorboat Mechanics	80	80	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$31,007	\$12.19	\$16.26
49-3052	Motorcycle Mechanics	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$31,669	\$11.76	\$16.96
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	150	150	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,382	\$9.76	\$17.03
49-3091	Bicycle Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-3092	Recreational Vehicle Service Technicians	*	*	*	*	10	<5	10	Long-term on-the-job training	*	*	*
49-3093	Tire Repairers and Changers	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
49-9011	Mechanical Door Repairers	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	710	740	30	4.2%	20	10	30	Long-term on-the-job training	\$42,040	\$13.13	\$23.75
49-9031	Home Appliance Repairers	130	130	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$33,403	\$12.62	\$17.78
49-9041	Industrial Machinery Mechanics	890	910	20	2.2%	10	20	30	Long-term on-the-job training	\$39,753	\$13.79	\$21.77
49-9042	Maintenance and Repair Workers, General	4,550	4,640	90	2.0%	50	80	130	Long-term on-the-job training	\$35,680	\$12.58	\$19.44
49-9043	Maintenance Workers, Machinery	220	230	10	4.5%	10	10	20	Short-term on-the-job training	\$32,337	\$11.03	\$17.80
49-9044	Millwrights	170	170	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$42,957	\$16.04	\$22.96
49-9045	Refractory Materials Repairers, Except Brickmasons	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$43,570	\$13.66	\$24.59
49-9051	Electrical Power-Line Installers and Repairers	490	500	10	2.0%	10	20	30	Long-term on-the-job training	\$47,683	\$14.86	\$26.96
49-9052	Telecommunications Line Installers and Repairers	500	500	0	0.0%	<5	10	10	Long-term on-the-job training	\$39,647	\$13.25	\$21.97
49-9061	Camera and Photographic Equipment Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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49-9062	Medical Equipment Repairers	*	*	*	*	10	<5	10	Associate degree	*	*	*
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	250	250	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$34,606	\$12.12	\$18.89
49-9092	Commercial Divers	*	*	*	*	<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	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9096	Riggers	10	10	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
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	360	370	10	2.8%	10	10	20	Short-term on-the-job training	\$23,939	\$8.29	\$13.12
49-9099	Installation, Maintenance, and Repair Workers, All Other	360	370	10	2.8%	10	10	20	Moderate-term on-the-job training	\$32,837	\$11.07	\$18.15
51-0000	Production Occupations	42,130	42,460	330	0.8%	170	990	1,160		\$30,787	\$10.13	\$17.13
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,670	2,710	40	1.5%	20	50	70	Work experience in a related occupation	\$48,671	\$16.59	\$26.80
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	0	0	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-2021	Coil Winders, Tapers, and Finishers	100	100	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$28,663	\$12.06	\$14.64
51-2022	Electrical and Electronic Equipment Assemblers	750	750	0	0.0%	<5	<5	20	Short-term on-the-job training	\$27,762	\$10.44	\$14.80
51-2023	Electromechanical Equipment Assemblers	210	210	0	0.0%	<5	10	10	Short-term on-the-job training	\$30,663	\$8.79	\$17.72
51-2031	Engine and Other Machine Assemblers	220	220	0	0.0%	<5	10	10	Short-term on-the-job training	\$24,746	\$9.23	\$13.23
51-2041	Structural Metal Fabricators and Fitters	360	370	10	2.8%	10	10	20	Moderate-term on-the-job training	\$35,980	\$14.86	\$18.52
51-2091	Fiberglass Laminators and Fabricators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2092	Team Assemblers	5,100	5,200	100	2.0%	50	130	180	Moderate-term on-the-job training	\$25,943	\$9.19	\$14.11
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2099	Assemblers and Fabricators, All Other	1,170	1,170	0	0.0%	<5	30	30	Moderate-term on-the-job training	\$25,989	\$9.46	\$14.01
51-3011	Bakers	540	550	10	1.9%	10	10	20	Long-term on-the-job training	\$23,109	\$8.26	\$12.54
51-3021	Butchers and Meat Cutters	470	470	0	0.0%	<5	10	10	Long-term on-the-job training	\$27,630	\$10.17	\$14.84
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	310	310	0	0.0%	<5	10	10	Short-term on-the-job training	\$22,390	\$8.42	\$11.94
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	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-3092	Food Batchmakers	540	540	0	0.0%	<5	10	10	Short-term on-the-job training	\$27,887	\$10.32	\$14.95
51-3093	Food Cooking Machine Operators and Tenders	230	230	0	0.0%	<5	10	10	Short-term on-the-job training	\$23,882	\$8.72	\$12.86
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	820	840	20	2.4%	10	10	20	Moderate-term on-the-job training	\$33,519	\$12.94	\$17.70
51-4012	Numerical Tool and Process Control Programmers	80	80	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$39,603	\$16.50	\$20.31
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	290	280	-10	-3.4%	0	10	10	Moderate-term on-the-job training	\$28,214	\$10.56	\$15.07
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	230	230	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$34,989	\$13.74	\$18.36
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	50	60	10	20.0%	10	<5	10	Moderate-term on-the-job training	\$31,691	\$12.40	\$16.65
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,340	1,320	-20	-1.5%	0	30	30	Moderate-term on-the-job training	\$30,116	\$10.47	\$16.48
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	200	210	10	5.0%	10	10	20	Moderate-term on-the-job training	\$29,418	\$10.70	\$15.87
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	520	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$29,083	\$10.94	\$15.50
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	260	260	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$30,321	\$11.26	\$16.24
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	120	120	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,800	\$10.20	\$16.39

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51-4041	Machinists	1,380	1,420	40	2.9%	20	30	50	Long-term on-the-job training	\$35,095	\$12.07	\$19.27
51-4051	Metal-Refining Furnace Operators and Tenders	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$27,855	\$11.21	\$14.48
51-4052	Pourers and Casters, Metal	80	80	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,300	\$11.44	\$15.41
51-4061	Model Makers, Metal and Plastic	60	50	-10	-16.7%	0	<5	<5	Moderate-term on-the-job training	\$41,162	\$15.19	\$22.09
51-4062	Patternmakers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4071	Foundry Mold and Coremakers	180	180	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,122	\$10.85	\$15.58
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,170	1,160	-10	-0.9%	0	30	30	Moderate-term on-the-job training	\$25,605	\$9.48	\$13.73
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	710	720	10	1.4%	10	20	30	Moderate-term on-the-job training	\$32,169	\$11.98	\$17.21
51-4111	Tool and Die Makers	420	420	0	0.0%	<5	10	10	Long-term on-the-job training	\$42,323	\$16.00	\$22.52
51-4121	Welders, Cutters, Solderers, and Brazers	1,310	1,340	30	2.3%	20	40	60	Postsecondary vocational training	\$33,364	\$12.83	\$17.64
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	260	260	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$31,571	\$11.69	\$16.92
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	70	80	10	14.3%	10	<5	10	Moderate-term on-the-job training	\$27,436	\$12.17	\$13.70
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	100	100	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,091	\$10.76	\$15.60
51-4194	Tool Grinders, Filers, and Sharpeners	110	110	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,870	\$13.36	\$17.75
51-4199	Metal Workers and Plastic Workers, All Other	160	150	-10	-6.3%	0	<5	<5	Moderate-term on-the-job training	\$30,955	\$12.49	\$16.08
51-5011	Bindery Workers	840	830	-10	-1.2%	0	20	20	Moderate-term on-the-job training	\$28,518	\$9.72	\$15.71
51-5012	Bookbinders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-5021	Job Printers	*	*	*	*	<5	10	10	Long-term on-the-job training	*	*	*
51-5022	Prepress Technicians and Workers	480	460	-20	-4.2%	0	10	10	Postsecondary vocational training	\$38,517	\$14.32	\$20.62
51-5023	Printing Machine Operators	1,170	1,170	0	0.0%	<5	30	30	Moderate-term on-the-job training	\$35,623	\$12.01	\$19.68
51-6011	Laundry and Dry-Cleaning Workers	720	730	10	1.4%	10	20	30	Moderate-term on-the-job training	\$20,731	\$7.62	\$11.14
51-6021	Pressers, Textile, Garment, and Related Materials	120	120	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$19,185	\$7.23	\$10.22
51-6031	Sewing Machine Operators	380	380	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,533	\$9.86	\$13.48
51-6041	Shoe and Leather Workers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6042	Shoe Machine Operators and Tenders	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6051	Sewers, Hand	10	10	0	0.0%	<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	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$22,421	\$8.54	\$11.90
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6092	Fabric and Apparel Patternmakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6093	Upholsterers	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$33,236	\$11.64	\$18.15
51-6099	Textile, Apparel, and Furnishings Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-7011	Cabinetmakers and Bench Carpenters	340	350	10	2.9%	10	10	20	Long-term on-the-job training	\$32,975	\$12.91	\$17.32
51-7021	Furniture Finishers	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$26,698	\$10.18	\$14.16
51-7031	Model Makers, Wood	0	0	0	0.0%	<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	140	140	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$26,337	\$10.05	\$13.97
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	360	350	-10	-2.8%	0	10	10	Moderate-term on-the-job training	\$28,373	\$9.83	\$15.55
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	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$63,424	\$24.22	\$33.63

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51-8013	Power Plant Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$60,676	\$17.32	\$35.10
51-8021	Stationary Engineers and Boiler Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8031	Water and Liquid Waste Treatment Plant and System Operators	280	280	0	0.0%	<5	10	10	Long-term on-the-job training	\$39,139	\$15.42	\$20.51
51-8091	Chemical Plant and System Operators	30	40	10	33.3%	10	<5	10	Long-term on-the-job training	\$44,178	\$17.81	\$22.95
51-8092	Gas Plant Operators	0	0	0	0.0%	<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	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9011	Chemical Equipment Operators and Tenders	140	150	10	7.1%	10	<5	10	Moderate-term on-the-job training	\$42,481	\$13.36	\$23.96
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	260	260	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$28,894	\$9.48	\$16.10
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	180	190	10	5.6%	10	10	20	Moderate-term on-the-job training	\$28,787	\$9.08	\$16.22
51-9022	Grinding and Polishing Workers, Hand	170	170	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$28,967	\$11.18	\$15.30
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	610	620	10	1.6%	10	20	30	Moderate-term on-the-job training	\$31,945	\$11.96	\$17.06
51-9031	Cutters and Trimmers, Hand	110	110	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$29,806	\$12.45	\$15.27
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	630	620	-10	-1.6%	0	10	10	Moderate-term on-the-job training	\$32,659	\$11.92	\$17.59
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	260	260	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$27,776	\$9.61	\$15.23
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,569	\$10.76	\$16.67
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,660	2,700	40	1.5%	20	60	80	Moderate-term on-the-job training	\$33,226	\$11.71	\$18.10
51-9071	Jewelers and Precious Stone and Metal Workers	60	60	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$31,290	\$10.24	\$17.44
51-9081	Dental Laboratory Technicians	310	310	0	0.0%	<5	10	10	Long-term on-the-job training	\$37,509	\$12.07	\$21.02
51-9082	Medical Appliance Technicians	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9083	Ophthalmic Laboratory Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9111	Packaging and Filling Machine Operators and Tenders	2,180	2,160	-20	-0.9%	0	40	40	Short-term on-the-job training	\$27,452	\$10.43	\$14.58
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	530	540	10	1.9%	10	10	20	Moderate-term on-the-job training	\$29,829	\$10.72	\$16.15
51-9122	Painters, Transportation Equipment	140	140	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$48,551	\$13.71	\$28.16
51-9123	Painting, Coating, and Decorating Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-9131	Photographic Process Workers	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,256	\$7.26	\$14.58
51-9132	Photographic Processing Machine Operators	120	110	-10	-8.3%	0	<5	<5	Short-term on-the-job training	\$22,202	\$8.22	\$11.90
51-9141	Semiconductor Processors	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
51-9191	Cementing and Gluing Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9193	Cooling and Freezing Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9194	Etchers and Engravers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	160	160	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,159	\$12.42	\$17.70
51-9196	Paper Goods Machine Setters, Operators, and Tenders	280	280	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$30,602	\$11.34	\$16.40
51-9197	Tire Builders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9198	Helpers--Production Workers	1,980	2,000	20	1.0%	10	60	70	Short-term on-the-job training	\$23,953	\$8.81	\$12.87
51-9199	Production Workers, All Other	1,120	1,120	0	0.0%	<5	30	30	Moderate-term on-the-job training	\$30,989	\$10.05	\$17.32
53-0000	Transportation and Material Moving Occupations	28,000	28,310	310	1.1%	160	640	800		\$28,970	\$8.81	\$16.49
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	560	570	10	1.8%	10	10	20	Work experience in a related occupation	\$45,589	\$15.33	\$25.21

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⁾
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	570	600	30	5.3%	20	10	30	Work experience in a related occupation	\$51,340	\$17.99	\$28.03
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
53-2012	Commercial Pilots	80	80	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$87,028	*	*
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	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-3021	Bus Drivers, Transit and Intercity	*	*	*	*	10	10	20	Moderate-term on-the-job training	*	*	*
53-3022	Bus Drivers, School	1,120	1,130	10	0.9%	10	20	30	Short-term on-the-job training	\$25,092	\$8.20	\$13.99
53-3031	Driver/Sales Workers	1,120	1,140	20	1.8%	10	20	30	Short-term on-the-job training	\$23,443	\$6.68	\$13.56
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,900	5,030	130	2.7%	70	70	140	Moderate-term on-the-job training	\$37,558	\$12.65	\$20.76
53-3033	Truck Drivers, Light or Delivery Services	2,800	2,850	50	1.8%	30	20	50	Short-term on-the-job training	\$28,569	\$8.74	\$16.23
53-3041	Taxi Drivers and Chauffeurs	760	780	20	2.6%	10	10	20	Short-term on-the-job training	\$20,044	\$7.63	\$10.64
53-3099	Motor Vehicle Operators, All Other	250	250	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$21,554	\$6.62	\$12.23
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-5011	Sailors and Marine Oilers	20	20	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
53-5021	Captains, Mates, and Pilots of Water Vessels	10	10	0	0.0%	<5	<5	<5	Work experience in a related occupation	*	*	*
53-5022	Motorboat Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-6011	Bridge and Lock Tenders	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6021	Parking Lot Attendants	210	200	-10	-4.8%	0	10	10	Short-term on-the-job training	\$20,019	\$7.36	\$10.76
53-6031	Service Station Attendants	150	150	0	0.0%	<5	10	10	Short-term on-the-job training	\$21,698	\$8.69	\$11.30
53-6041	Traffic Technicians	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6051	Transportation Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-6099	Transportation Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-7011	Conveyor Operators and Tenders	70	80	10	14.3%	10	<5	10	Short-term on-the-job training	\$34,926	\$11.32	\$19.53
53-7021	Crane and Tower Operators	70	80	10	14.3%	10	<5	10	Long-term on-the-job training	\$39,187	\$11.94	\$22.29
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	120	130	10	8.3%	10	<5	10	Moderate-term on-the-job training	\$45,036	\$14.52	\$25.22
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	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7051	Industrial Truck and Tractor Operators	2,020	2,050	30	1.5%	20	40	60	Short-term on-the-job training	\$29,282	\$11.18	\$15.53
53-7061	Cleaners of Vehicles and Equipment	1,040	1,030	-10	-1.0%	0	40	40	Short-term on-the-job training	\$21,889	\$7.18	\$12.20
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	7,060	7,080	20	0.3%	10	270	280	Short-term on-the-job training	\$24,974	\$8.87	\$13.57
53-7063	Machine Feeders and Offbearers	580	560	-20	-3.4%	0	20	20	Short-term on-the-job training	\$24,827	\$9.17	\$13.32
53-7064	Packers and Packagers, Hand	3,500	3,520	20	0.6%	10	70	80	Short-term on-the-job training	\$23,825	\$7.84	\$13.26
53-7072	Pump Operators, Except Wellhead Pumpers	20	20	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$31,122	\$13.50	\$15.70
53-7081	Refuse and Recyclable Material Collectors	240	240	0	0.0%	<5	10	10	Short-term on-the-job training	\$36,313	\$10.33	\$21.02
53-7111	Shuttle Car Operators	0	0	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	*	*	*
53-7199	Material Moving Workers, All Other	130	120	-10	-7.7%	0	<5	<5	Moderate-term on-the-job training	\$24,869	\$8.71	\$13.58

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⁾

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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