

Occupation Overview

EMSI Q4 2015 Data Set

March 2016

Los Angeles Southwest College



1301 Avenida Cesar Chavez
Monterey Park, California 91754
323.265.8540

Parameters

Occupations

Code	Description
23-2010	Paralegals and Legal Assistants

Regions

Code	Description
6037	Los Angeles County, CA

Timeframe

2015 - 2025

Datarun

2015.4 – QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors

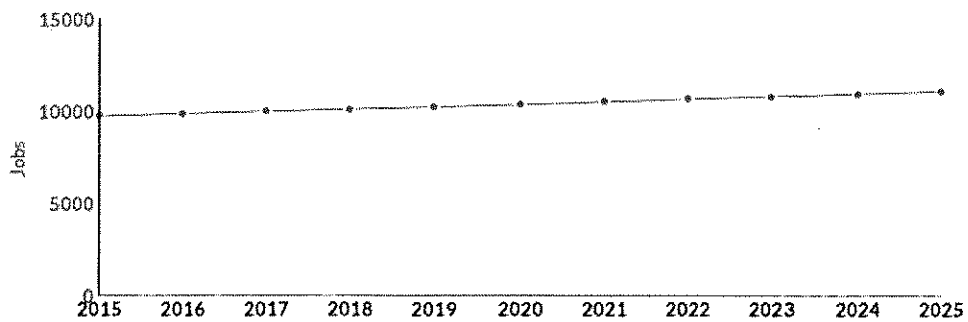
Paralegals and Legal Assistants in Los Angeles County, CA

Occupation Summary for Paralegals and Legal Assistants

9,732 Jobs (2015) 0% below National average	+13.9% % Change (2015-2025) Nation: +14.9%	\$29.47/hr Median Hourly Earnings Nation: \$24.58/hr
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Growth for Paralegals and Legal Assistants (23-2011)

9,732 2015 Jobs	11,082 2025 Jobs	1,350 Change (2015-2025)	13.9% % Change (2015-2025)
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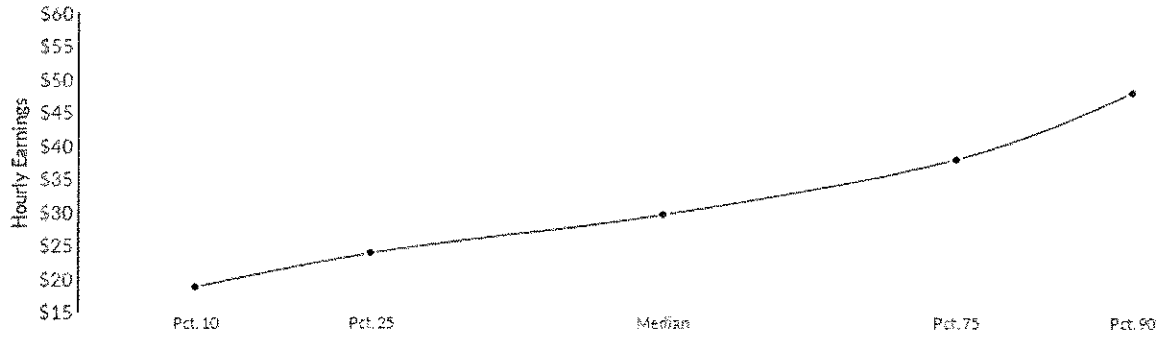


Percentile Earnings for Paralegals and Legal Assistants (23-2010)

\$23.66/hr
25th Percentile Earnings

\$29.47/hr
Median Earnings

\$37.85/hr
75th Percentile Earnings

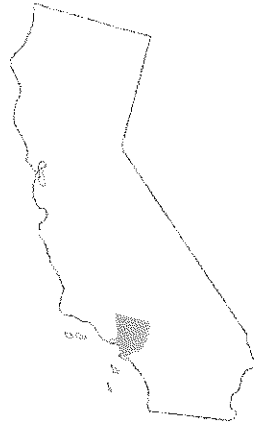


Regional Trends



Region	2015 Jobs	2025 Jobs	Change	% Change
● Region	9,732	11,082	1,350	13.9%
■ South Gate 3-Mile Radius Group	25	28	3	12.0%
▲ ELAC District-Defined Service Area	301	338	37	12.3%
◆ California	35,857	40,565	4,708	13.1%

Regional Breakdown



* Highlighted areas show counties that contain the selected zip codes

ZIP	2025 Jobs
Los Angeles, CA 90067 (in Los Angeles county)	1,163
Los Angeles, CA 90071 (in Los Angeles county)	1,158
Los Angeles, CA 90012 (in Los Angeles county)	704
Los Angeles, CA 90017 (in Los Angeles county)	693
Los Angeles, CA 90010 (in Los Angeles county)	524

Job Postings Summary

242
 Unique Postings (Jan 2016)
 724 Total Postings

3 : 1
 Posting Intensity (Jan 2016)
 Regional Average: 4 : 1

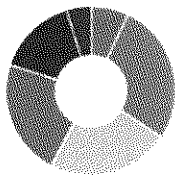
There were 724 total job postings for *Paralegals and Legal Assistants* in January 2016, of which 242 were unique. These numbers give us a Posting Intensity of 3-to-1, meaning that for every 3 postings there is 1 unique job posting.

This is lower than the Posting Intensity for all other occupations and companies in the region (4-to-1), indicating that companies may not be trying as hard to hire this position.

Occupation Gender Breakdown

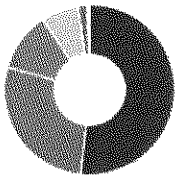


Occupation Age Breakdown



Age	2015 Jobs	2015 Percent
14-18	10	0.1%
19-24	690	7.1%
25-34	2,644	27.2%
35-44	2,273	23.4%
45-54	2,169	22.3%
55-64	1,485	15.3%
65+	461	4.7%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2015 Jobs	2015 Percent
White	5,030	51.7%
Hispanic or Latino	2,689	27.6%
Asian	1,096	11.3%
Black or African American	690	7.1%
Two or More Races	168	1.7%
Native Hawaiian or Other Pacific Islander	35	0.4%
American Indian or Alaska Native	23	0.2%

Occupational Programs

2

Programs (2014)

678

Completions (2014)

466

Openings (2014)

CIP Code	Program	Completions (2014)
22.0302	Legal Assistant/Paralegal	653
22.0000	Legal Studies, General	25

Industries Employing Paralegals and Legal Assistants

Industry	Occupation Jobs in Industry (2015)	% of Occupation in Industry (2015)	% of Total Jobs in Industry (2015)
Offices of Lawyers	7,518	77.3%	11.7%
Local Government, Excluding Education and Hospitals	583	6.0%	0.3%
All Other Legal Services	284	2.9%	12.3%
Corporate, Subsidiary, and Regional Managing Offices	146	1.5%	0.2%
Federal Government, Civilian, Excluding Postal Service	137	1.4%	0.5%

Appendix A - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department

Projected Regional Job Openings For Related Occupations: Requires an Associate Degree

MICROREGION - Los Angeles County || Paralegal (140200) || 2015-2016



0 100 200 300 400 500 600 700 800 900 1,000 1,100 1,200 1,300 1,400 1,500 1,600 1,700

Occupations

■ Paralegals and Legal Assistants (232011)

2014-2024 Occupational Employment Projections Los Angeles-Long Beach-Glendale Metropolitan Division (Los Angeles County)

SOC Code*	Occupational Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024 [1]	Percent Change 2014-2024	Annual Average Percent Change	Average Annual Job Openings			2016 First Quarter Wages [5]		Education and Training Levels [7]		
							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
00-0000	Total, All Occupations	4,491,800	5,063,300	571,500	12.7%	1.3%	60,877	103,201	164,078	\$18.87	\$39,250			
11-0000	Management Occupations	264,500	294,680	30,180	11.4%	1.1%	3,066	6,065	9,131	\$52.80	\$109,826			
11-1000	Top Executives	84,380	92,770	8,390	9.9%	1.0%	839	2,041	2,880	N/A	N/A			
11-1011	Chief Executives	11,190	11,560	370	3.3%	0.3%	37	190	227	N/A	N/A	3	≥5 years	None
11-1021	General and Operations Managers	72,620	80,640	8,020	11.0%	1.1%	802	1,838	2,640	\$51.92	\$107,994	3	≥5 years	None
11-1031	Legislators	570	570	0	0.0%	0.0%	0	13	13	[6] \$59,600		3	<5 years	None
	Advertising, Marketing, Promotions, Public Relations, and Sales													
11-2000	Managers	27,360	30,130	2,770	10.1%	1.0%	277	679	956	N/A	N/A			
	Advertising and Promotions													
11-2011	Managers	1,480	1,720	240	16.2%	1.6%	23	48	71	\$51.87	\$107,902	3	<5 years	None
11-2021	Marketing Managers	6,350	7,130	780	12.3%	1.2%	78	150	228	\$68.43	\$142,327	3	≥5 years	None
11-2022	Sales Managers	17,710	19,160	1,450	8.2%	0.8%	145	419	564	\$54.09	\$112,528	3	<5 years	None
	Public Relations and Fundraising													
11-2031	Managers	1,820	2,120	300	16.5%	1.6%	30	62	92	\$54.68	\$113,725	3	≥5 years	None
11-3000	Operations Specialties Managers	55,440	60,630	5,190	9.4%	0.9%	557	1,198	1,755	N/A	N/A			
11-3011	Administrative Services Managers	10,670	12,010	1,340	12.6%	1.3%	134	200	334	\$44.84	\$93,268	3	<5 years	None
	Computer and Information Systems													
11-3021	Managers	8,690	10,120	1,430	16.5%	1.6%	143	102	245	\$70.48	\$146,595	3	≥5 years	None
11-3031	Financial Managers	19,320	20,950	1,630	8.4%	0.8%	162	458	620	\$66.60	\$138,531	3	≥5 years	None
11-3051	Industrial Production Managers	4,990	4,610	-380	-7.6%	-0.8%	0	141	141	\$46.10	\$95,898	3	≥5 years	None
11-3061	Purchasing Managers	2,430	2,540	110	4.5%	0.5%	12	57	69	\$49.20	\$102,335	3	≥5 years	None
	Transportation, Storage, and													
11-3071	Distribution Managers	4,530	4,970	440	9.7%	1.0%	44	100	144	\$42.02	\$87,394	7	≥5 years	None
	Compensation and Benefits													
11-3111	Managers	370	400	30	8.1%	0.8%	4	11	15	\$65.09	\$135,379	3	≥5 years	None
11-3121	Human Resources Managers	3,800	4,310	510	13.4%	1.3%	51	111	162	\$57.72	\$120,059	3	≥5 years	None
11-3131	Training and Development	640	710	70	10.9%	1.1%	7	19	26	\$55.25	\$114,922	3	≥5 years	None
11-9000	Other Management Occupations	97,320	111,160	13,840	14.2%	1.4%	1,393	2,147	3,540	N/A	N/A			
	Farmers, Ranchers, and Other													
11-9013	Agricultural Managers	2,140	2,060	-80	-3.7%	-0.4%	0	36	36	\$36.06	\$75,001	7	≥5 years	None
11-9021	Construction Managers	9,820	11,230	1,410	14.4%	1.4%	141	137	278	\$42.01	\$87,374	3	None	MT OJT
	Education Administrators, Preschool and Childcare Center/Program													
11-9031	Education Administrators,	1,980	2,140	160	8.1%	0.8%	15	58	73	\$24.50	\$50,963	3	<5 years	None
11-9032	Elementary and Secondary School	4,440	4,690	250	5.6%	0.6%	25	129	154	[6] \$112,804		2	≥5 years	None
	Education Administrators,													
11-9033	Postsecondary	5,230	6,200	970	18.5%	1.9%	97	152	249	\$50.71	\$105,477	2	<5 years	None
11-9039	Education Administrators, All Other	1,240	1,510	270	21.8%	2.2%	27	36	63	\$46.44	\$96,594	3	<5 years	None

**2014-2024 Occupational Employment Projections
 Los Angeles-Long Beach-Glendale Metropolitan Division
 (Los Angeles County)**

SOC Code*	Occupational Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024 [1]	Percent Change 2014-2024	Annual Average Percent Change	Average Annual Job Openings			2016 First Quarter Wages [5]		Education and Training Levels [7]		
							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
Training and Development														
13-1151	Specialists	5,650	6,600	950	16.8%	1.7%	95	138	233	\$29.52	\$61,411	3	<5 years	None
13-1161	Market Research Analysts and Marketing Specialists	20,860	25,630	4,770	22.9%	2.3%	477	248	725	\$31.47	\$65,464	3	None	None
13-1199	Business Operations Specialists, All Other	33,600	37,820	4,220	12.6%	1.3%	421	400	821	\$35.07	\$72,955	3	None	None
13-2000	Financial Specialists	85,880	94,530	8,650	10.1%	1.0%	899	2,097	2,996	N/A	N/A	3	None	None
13-2011	Accountants and Auditors	45,590	51,530	5,940	13.0%	1.3%	594	1,217	1,811	\$35.47	\$73,773	3	None	None
13-2021	Appraisers and Assessors of Real Estate	1,550	1,600	50	3.2%	0.3%	5	25	30	\$41.48	\$86,268	3	None	LT OJT
13-2031	Budget Analysts	2,380	2,490	110	4.6%	0.5%	11	59	70	\$42.52	\$88,438	3	None	None
13-2041	Credit Analysts	1,710	1,780	70	4.1%	0.4%	7	74	81	\$34.77	\$72,320	3	None	None
13-2051	Financial Analysts	7,620	8,570	950	12.5%	1.2%	94	157	251	\$42.50	\$88,407	3	None	None
13-2052	Personal Financial Advisors	7,630	8,840	1,210	15.9%	1.6%	120	192	312	\$45.94	\$95,560	3	None	LT OJT
13-2053	Insurance Underwriters	1,330	1,100	-230	-17.3%	-1.7%	0	25	25	\$31.35	\$65,198	3	None	MT OJT
13-2061	Financial Examiners	1,110	1,160	50	4.5%	0.5%	5	27	32	\$40.83	\$84,928	3	None	MT OJT
13-2071	Credit Counselors	1,200	1,370	170	14.2%	1.4%	17	20	37	\$23.52	\$48,906	3	None	MT OJT
13-2072	Loan Officers	7,620	7,920	300	3.9%	0.4%	30	127	157	\$37.02	\$77,017	3	None	MT OJT
Tax Examiners and Collectors, and Revenue Agents														
13-2081	Revenue Agents	1,270	1,180	-90	-7.1%	-0.7%	0	52	52	\$36.38	\$75,666	3	None	MT OJT
13-2082	Tax Preparers	3,560	3,550	-10	-0.3%	0.0%	0	89	89	\$22.60	\$46,992	7	None	MT OJT
13-2099	Financial Specialists, All Other	3,290	3,450	160	4.9%	0.5%	15	34	49	\$31.05	\$64,573	3	None	MT OJT
Computer and Mathematical Occupations														
15-0000	Computer Occupations	96,640	113,530	16,890	17.5%	1.7%	1,733	1,410	3,143	\$42.59	\$88,586			
15-1100	Computer and Information Research Scientists	360	430	70	19.4%	1.9%	7	5	12	\$56.24	\$116,991	1	None	None
15-1121	Computer Systems Analysts	12,690	15,690	3,000	23.6%	2.4%	300	163	463	\$45.43	\$94,500	3	None	None
15-1122	Information Security Analysts	1,990	2,150	160	8.0%	0.8%	16	26	42	\$50.45	\$104,939	3	<5 years	None
15-1131	Computer Programmers	7,300	6,870	-430	-5.9%	-0.6%	0	180	180	\$45.75	\$95,159	3	None	None
15-1132	Software Developers, Applications	14,780	18,170	3,390	22.9%	2.3%	339	211	550	\$53.42	\$111,128	3	None	None
15-1133	Software Developers, Systems	10,660	12,240	1,580	14.8%	1.5%	158	152	310	\$57.01	\$118,594	3	None	None
15-1134	Web Developers	6,020	8,190	2,170	36.0%	3.6%	217	78	295	\$31.61	\$65,759	4	None	None
15-1141	Database Administrators	2,540	2,900	360	14.2%	1.4%	36	55	91	\$47.63	\$99,065	3	<5 years	None
15-1142	Network and Computer Systems Administrators	10,170	11,370	1,200	11.8%	1.2%	120	131	251	\$40.34	\$83,899	3	None	None
15-1143	Computer Network Architects	2,580	3,030	450	17.4%	1.7%	45	33	78	\$58.52	\$121,719	3	≥5 years	None
15-1151	Computer User Support Specialists	15,180	17,780	2,600	17.1%	1.7%	260	195	455	\$26.93	\$56,030	6	None	None

2014-2024 Occupational Employment Projections Los Angeles-Long Beach-Glendale Metropolitan Division (Los Angeles County)

SOC Code*	Occupational Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024 [1]	Percent Change 2014-2024	Annual Average Percent Change	Average Annual Job Openings			2016 First Quarter Wages [5]		Education and Training Levels [7]		
							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
17-3019	Drafters, All Other	320	320	0	0.0%	0.0%	0	4	4	\$27.45	\$57,106	4	None	None
17-3021	Aerospace Engineering and Operations Technicians	840	870	30	3.6%	0.4%	3	20	23	\$35.64	\$74,119	4	None	None
17-3022	Civil Engineering Technicians Electrical and Electronics	1,850	1,940	90	4.9%	0.5%	9	45	54	\$38.67	\$80,439	4	None	None
17-3023	Engineering Technicians	3,510	3,470	-40	-1.1%	-0.1%	0	86	86	\$30.46	\$63,355	4	None	None
17-3024	Electro-Mechanical Technicians Environmental Engineering	410	380	-30	-7.3%	-0.7%	0	10	10	\$20.27	\$42,152	4	None	None
17-3025	Technicians	270	320	50	18.5%	1.9%	5	7	12	\$29.68	\$61,732	4	None	None
17-3026	Industrial Engineering Technicians	980	960	-20	-2.0%	-0.2%	0	24	24	\$28.94	\$60,190	4	None	None
17-3027	Mechanical Engineering Technicians Engineering Technicians, Except Drafters, All Other	1,180	1,150	-30	-2.5%	-0.3%	0	29	29	\$32.32	\$67,241	4	None	None
17-3029	Drafters, All Other	1,930	2,100	170	8.8%	0.9%	16	47	63	\$32.90	\$68,438	4	None	None
17-3031	Surveying and Mapping Technicians	650	610	-40	-6.2%	-0.6%	0	7	7	\$36.06	\$75,001	7	None	MT OJT
19-0000	Life, Physical, and Social Science Occupations	36,960	43,310	6,350	17.2%	1.7%	636	998	1,634	\$34.26	\$71,258			
19-1000	Life Scientists	8,930	10,420	1,490	16.7%	1.7%	149	270	419	N/A	N/A			
19-1012	Food Scientists and Technologists	490	530	40	8.2%	0.8%	4	17	21	\$34.27	\$71,288	3	None	None
19-1013	Soil and Plant Scientists	210	280	70	33.3%	3.3%	7	7	14	\$36.07	\$75,012	3	None	None
19-1021	Biochemists and Biophysicists	450	550	100	22.2%	2.2%	9	12	21	\$45.17	\$93,952	1	None	None
19-1022	Microbiologists	600	680	80	13.3%	1.3%	8	16	24	\$34.21	\$71,157	3	None	None
19-1029	Biological Scientists, All Other	1,280	1,420	140	10.9%	1.1%	14	34	48	\$38.66	\$80,409	3	None	None
19-1041	Epidemiologists	150	170	20	13.3%	1.3%	2	5	7	\$37.21	\$77,406	2	None	None
19-1042	Medical Scientists, Except Epidemiologists	4,690	5,370	680	14.5%	1.4%	68	145	213	\$40.56	\$84,355	1	None	None
19-1099	Life Scientists, All Other	240	270	30	12.5%	1.3%	3	7	10	\$43.11	\$89,661	3	None	None
19-2000	Physical Scientists	7,330	8,440	1,110	15.1%	1.5%	112	184	296	N/A	N/A			
19-2011	Astronomers	100	110	10	10.0%	1.0%	1	2	3	\$50.99	\$106,065	1	None	None
19-2012	Physicists	410	480	70	17.1%	1.7%	7	8	15	\$40.10	\$83,422	1	None	None
19-2031	Chemists	2,380	2,610	230	9.7%	1.0%	23	52	75	\$31.40	\$65,313	3	None	None
19-2032	Materials Scientists	180	200	20	11.1%	1.1%	2	4	6	\$42.69	\$88,809	3	None	None
19-2041	Environmental Scientists and Specialists, Including Health Geoscientists, Except Hydrologists and Geographers	2,890	3,480	590	20.4%	2.0%	59	89	148	\$41.28	\$85,857	3	None	None
19-2042	and Geographers	610	690	80	13.1%	1.3%	7	19	26	\$42.39	\$88,159	3	None	None
19-2099	Physical Scientists, All Other Social Scientists and Related Workers	500	570	70	14.0%	1.4%	7	5	12	\$52.91	\$110,032	3	None	None
19-3000	Workers	12,470	15,000	2,530	20.3%	2.0%	253	242	495	N/A	N/A			
19-3011	Economists	480	590	110	22.9%	2.3%	11	13	24	\$65.92	\$137,129	2	None	None

2014-2024 Occupational Employment Projections Los Angeles-Long Beach-Glendale Metropolitan Division (Los Angeles County)

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
21-1022	Healthcare Social Workers	4,380	5,420	1,040	23.7%	2.4%	104	105	209	\$32.02	\$66,591	2	None	None
21-1029	Social Workers, All Other	1,720	1,840	120	7.0%	0.7%	12	41	53	\$32.29	\$67,159	3	None	None
21-1091	Health Educators	2,320	2,880	560	24.1%	2.4%	56	46	102	\$25.05	\$52,094	3	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	3,100	3,270	170	5.5%	0.5%	17	61	78	\$40.18	\$83,584	3	None	ST OJT
21-1093	Social and Human Service Assistants	14,390	18,650	4,260	29.6%	3.0%	426	282	708	\$19.68	\$40,945	7	None	ST OJT
21-1094	Community Health Workers	1,410	1,710	300	21.3%	2.1%	30	28	58	\$19.53	\$40,630	7	None	ST OJT
21-1099	Community and Social Service Specialists, All Other	2,580	3,010	430	16.7%	1.7%	44	50	94	\$26.45	\$54,996	2	None	None
21-2000	Religious Workers	5,410	5,870	460	8.5%	0.9%	46	120	166	N/A	N/A	3	<5 years	None
21-2011	Clergy	2,470	2,650	180	7.3%	0.7%	18	53	71	\$27.99	\$58,212	3	None	MT OJT
21-2021	Directors, Religious Activities and Education	1,630	1,840	210	12.9%	1.3%	21	44	65	\$23.26	\$48,381	3	<5 years	None
21-2099	Religious Workers, All Other	1,320	1,390	70	5.3%	0.5%	7	23	30	\$32.60	\$67,788	3	None	None
23-0000	Legal Occupations	44,470	47,440	2,970	6.7%	0.7%	301	748	1,049	\$54.10	\$112,528			
23-1000	Lawyers, Judges, and Related Workers	31,280	33,180	1,900	6.1%	0.6%	194	458	652	N/A	N/A			
23-1011	Lawyers	30,300	32,200	1,900	6.3%	0.6%	190	443	633	\$77.37	\$160,909	1	None	None
23-2000	Legal Support Workers	13,190	14,270	1,080	8.2%	0.8%	107	290	397	N/A	N/A			
23-2011	Paralegals and Legal Assistants	8,180	8,920	740	9.0%	0.9%	74	180	254	\$27.91	\$58,049	4	None	None
23-2093	Title Examiners, Abstractors, and Searchers	1,910	2,110	200	10.5%	1.0%	20	42	62	\$21.32	\$44,364	7	None	ST OJT
23-2099	Legal Support Workers, All Other	3,040	3,180	140	4.6%	0.5%	14	67	81	\$23.86	\$49,629	7	None	ST OJT
25-0000	Education, Training, and Library Occupations	262,220	292,850	30,630	11.7%	1.2%	3,064	5,442	8,506	\$26.74	\$55,635			
25-1000	Postsecondary Teachers	59,440	71,240	11,800	19.9%	2.0%	1,181	1,052	2,233	N/A	N/A			
25-1011	Business Teachers, Postsecondary	2,070	2,380	310	15.0%	1.5%	30	37	67	[6]	\$97,787	1	None	None
25-1021	Computer Science Teachers, Postsecondary	960	1,110	150	15.6%	1.6%	15	17	32	[6]	\$93,607	1	None	None
25-1022	Mathematical Science Teachers, Postsecondary	1,800	2,130	330	18.3%	1.8%	33	32	65	[6]	\$84,375	1	None	None
25-1031	Architecture Teachers, Postsecondary	280	330	50	17.9%	1.8%	5	5	10	[6]	\$77,588	1	None	None
25-1032	Engineering Teachers, Postsecondary	1,030	1,240	210	20.4%	2.0%	21	18	39	[6]	\$119,599	1	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	140	160	20	14.3%	1.4%	2	2	4	[6]	\$97,138	1	None	None
25-1042	Biological Science Teachers, Postsecondary	1,270	1,550	280	22.0%	2.2%	28	22	50	[6]	\$102,312	1	None	None

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SOC Code*	Occupational Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024 [1]	Percent Change 2014-2024	Annual Average Percent Change	Average Annual Job Openings			2016 First Quarter Wages [5]		Education and Training Levels [7]		
							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
25-1124	Foreign Language and Literature Teachers, Postsecondary	1,570	1,890	320	20.4%	2.0%	32	28	60	[6] \$75,661	1	None	None	
25-1125	History Teachers, Postsecondary	520	610	90	17.3%	1.7%	9	9	18	[6] \$91,061	1	None	None	
25-1126	Philosophy and Religion Teachers, Postsecondary	640	770	130	20.3%	2.0%	14	11	25	[6] \$90,432	1	None	None	
25-1191	Graduate Teaching Assistants	6,290	7,380	1,090	17.3%	1.7%	110	111	221	[6] \$30,871	3	None	None	
25-1192	Home Economics Teachers, Postsecondary	110	110	0	0.0%	0.0%	0	2	2	[6] \$73,165	2	None	None	
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	1,030	1,170	140	13.6%	1.4%	14	18	32	N/A	1	None	None	
25-1194	Vocational Education Teachers, Postsecondary	3,420	4,050	630	18.4%	1.8%	64	60	124	\$27.53	3	<5 years	None	
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	98,100	104,080	5,980	6.1%	0.6%	598	2,307	2,905	N/A	N/A			
25-2011	Preschool Teachers, Except Special Education	13,490	14,440	950	7.0%	0.7%	95	395	490	\$14.49	\$30,130	4	None	None
25-2012	Kindergarten Teachers, Except Special Education	3,600	3,830	230	6.4%	0.6%	23	105	128	[6] \$61,072	3	None	I/R	
25-2021	Elementary School Teachers, Except Special Education	30,290	32,060	1,770	5.8%	0.6%	177	670	847	[6] \$74,971	3	None	I/R	
25-2022	Middle School Teachers, Except Special and Career/Technical Education	11,480	12,160	680	5.9%	0.6%	68	254	322	[6] \$70,000	3	None	I/R	
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	28,370	30,030	1,660	5.9%	0.6%	166	673	839	[6] \$77,497	3	None	I/R	
25-2032	Career/Technical Education Teachers, Secondary School	980	990	10	1.0%	0.1%	1	23	24	[6] \$74,586	3	<5 years	I/R	
25-2051	Special Education Teachers, Preschool	1,080	1,160	80	7.4%	0.7%	8	20	28	[6] \$77,345	3	None	I/R	
25-2052	Special Education Teachers, Kindergarten and Elementary School	3,770	4,020	250	6.6%	0.7%	24	71	95	[6] \$74,322	3	None	I/R	
25-2053	Special Education Teachers, Middle School	1,880	1,990	110	5.9%	0.6%	11	35	46	[6] \$69,249	3	None	I/R	
25-2054	Special Education Teachers, Secondary School	2,350	2,480	130	5.5%	0.6%	13	44	57	[6] \$75,407	3	None	I/R	
25-2059	Special Education Teachers, All Other	750	860	110	14.7%	1.5%	11	14	25	[6] \$68,803	3	None	I/R	

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
27-1026	Merchandise Displayers and Window Trimmers	2,440	2,560	120	4.9%	0.5%	12	58	70	\$14.13	\$29,400	7	None	MT OJT
27-1027	Set and Exhibit Designers	2,670	2,960	290	10.9%	1.1%	29	64	93	\$24.03	\$49,994	3	None	None
27-1029	Designers, All Other	1,280	1,390	110	8.6%	0.9%	11	30	41	\$32.69	\$67,981	3	None	None
27-2000	Entertainers and Performers, Sports and Related Workers	59,940	66,860	6,920	11.5%	1.2%	693	2,041	2,734	N/A	N/A			
27-2012	Producers and Directors	24,060	27,750	3,690	15.3%	1.5%	369	773	1,142	\$46.87	\$97,493	3	<5 years	None
27-2022	Coaches and Scouts	7,070	8,500	1,430	20.2%	2.0%	144	238	382	[6]	\$38,612	3	None	None
27-2023	Umpires, Referees, and Other Sports Officials	270	300	30	11.1%	1.1%	4	9	13	[6]	\$19,488	7	None	MT OJT
27-2032	Choreographers	240	240	0	0.0%	0.0%	0	8	8	\$20.06	\$41,726	7	≥5 years	LT OJT
27-2041	Music Directors and Composers	1,300	1,370	70	5.4%	0.5%	7	38	45	\$24.93	\$51,851	3	<5 years	None
27-2042	Musicians and Singers	5,530	5,720	190	3.4%	0.3%	20	160	180	\$35.45	N/A	8	None	LT OJT
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	3,070	3,210	140	4.6%	0.5%	15	96	111	\$18.52	N/A	8	None	ST OJT
27-3000	Media and Communication Workers	43,140	47,990	4,850	11.2%	1.1%	484	838	1,322	N/A	N/A			
27-3011	Radio and Television Announcers	1,620	1,700	80	4.9%	0.5%	9	47	56	\$21.33	\$44,374	3	None	ST OJT
27-3012	Public Address System and Other Announcers	480	520	40	8.3%	0.8%	4	14	18	\$12.80	\$26,620	7	None	ST OJT
27-3021	Broadcast News Analysts	370	410	40	10.8%	1.1%	4	12	16	\$30.58	\$63,599	3	None	None
27-3022	Reporters and Correspondents	1,780	2,050	270	15.2%	1.5%	27	57	84	\$18.90	\$39,301	3	None	None
27-3031	Public Relations Specialists	7,560	8,340	780	10.3%	1.0%	77	90	167	\$29.63	\$61,641	3	None	None
27-3041	Editors	4,770	5,180	410	8.6%	0.9%	41	173	214	\$31.33	\$65,171	3	<5 years	None
27-3042	Technical Writers	1,580	1,900	320	20.3%	2.0%	31	36	67	\$36.81	\$76,564	3	<5 years	ST OJT
27-3043	Writers and Authors	13,680	15,360	1,680	12.3%	1.2%	168	230	398	N/A	N/A	3	None	MT OJT
27-3091	Interpreters and Translators	2,000	2,530	530	26.5%	2.7%	53	32	85	\$25.16	\$52,338	3	None	ST OJT
27-3099	Media and Communication Workers, All Other	9,310	10,010	700	7.5%	0.8%	70	148	218	\$22.25	\$46,261	7	None	ST OJT
27-4000	Media and Communication Equipment Workers	46,890	50,240	3,350	7.1%	0.7%	351	730	1,081	N/A	N/A			
27-4011	Audio and Video Equipment Technicians	8,390	9,590	1,200	14.3%	1.4%	120	159	279	\$24.90	\$51,790	5	None	ST OJT
27-4012	Broadcast Technicians	2,320	2,460	140	6.0%	0.6%	14	44	58	\$27.69	\$57,572	4	None	ST OJT
27-4014	Sound Engineering Technicians	3,380	3,560	180	5.3%	0.5%	18	64	82	\$30.53	\$63,497	5	None	ST OJT
27-4021	Photographers	6,670	6,910	240	3.6%	0.4%	24	163	187	\$27.48	\$57,157	7	None	LT OJT
27-4031	Camera Operators, Television, Video, and Motion Picture	5,910	6,030	120	2.0%	0.2%	12	54	66	\$29.28	\$60,890	3	None	None
27-4032	Film and Video Editors	13,960	15,590	1,630	11.7%	1.2%	163	126	289	\$45.92	\$95,494	3	None	None
27-4099	Media and Communication Equipment Workers, All Other	6,240	6,080	-160	-2.6%	-0.3%	0	118	118	\$36.33	\$75,559	7	None	ST OJT

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
29-2011	Medical and Clinical Laboratory Technologists	3,380	4,050	670	19.8%	2.0%	67	81	148	\$41.13	\$85,532	3	None	None
29-2012	Medical and Clinical Laboratory Technicians	5,480	6,780	1,300	23.7%	2.4%	130	131	261	\$20.19	\$42,000	4	None	None
29-2021	Dental Hygienists	4,720	5,320	600	12.7%	1.3%	60	78	138	\$50.65	\$105,365	4	None	None
29-2031	Cardiovascular Technologists and Technicians	1,180	1,460	280	23.7%	2.4%	28	22	50	\$30.86	\$64,197	4	None	None
29-2032	Diagnostic Medical Sonographers	1,200	1,530	330	27.5%	2.8%	33	23	56	\$43.07	\$89,570	4	None	None
29-2033	Nuclear Medicine Technologists	360	370	10	2.8%	0.3%	1	7	8	\$48.52	\$100,932	4	None	None
29-2034	Radiologic Technologists	4,210	4,750	540	12.8%	1.3%	54	79	133	\$34.61	\$71,988	4	None	None
29-2035	Magnetic Resonance Imaging Technologists	560	610	50	8.9%	0.9%	5	11	16	\$43.14	\$89,732	4	<5 years	None
29-2041	Emergency Medical Technicians and Paramedics	3,530	4,330	800	22.7%	2.3%	80	58	138	\$14.53	\$30,212	5	None	None
29-2051	Dietetic Technicians	1,010	1,200	190	18.8%	1.9%	19	10	29	\$15.92	\$33,093	4	None	None
29-2052	Pharmacy Technicians	8,300	9,350	1,050	12.7%	1.3%	105	82	187	\$18.24	\$37,932	7	None	MT OJT
29-2053	Psychiatric Technicians	1,360	1,340	-20	-1.5%	-0.1%	0	14	14	\$27.36	\$56,903	5	<5 years	ST OJT
29-2054	Respiratory Therapy Technicians	260	220	-40	-15.4%	-1.5%	0	2	2	\$37.41	\$77,822	4	None	None
29-2055	Surgical Technologists	2,790	3,240	450	16.1%	1.6%	44	28	72	\$27.56	\$57,329	5	None	None
29-2056	Veterinary Technologists and Technicians	1,360	1,540	180	13.2%	1.3%	18	14	32	\$18.56	\$38,601	4	None	None
29-2057	Ophthalmic Medical Technicians	910	1,110	200	22.0%	2.2%	19	9	28	\$19.00	\$39,514	5	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	21,010	25,380	4,370	20.8%	2.1%	437	598	1,035	\$24.07	\$50,075	5	None	None
29-2071	Medical Records and Health Information Technicians	5,220	6,180	960	18.4%	1.8%	96	117	213	\$20.77	\$43,197	5	None	None
29-2081	Opticians, Dispensing	2,020	2,410	390	19.3%	1.9%	40	54	94	\$18.65	\$38,784	7	None	LT OJT
29-2091	Orthotists and Prosthetists	250	320	70	28.0%	2.8%	7	2	9	\$33.57	\$69,817	2	None	I/R
29-2099	Health Technologists and Technicians, All Other	3,370	4,440	1,070	31.8%	3.2%	107	33	140	\$21.82	\$45,378	7	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	3,230	3,650	420	13.0%	1.3%	43	64	107	N/A	N/A			
29-9011	Occupational Health and Safety Specialists	1,150	1,230	80	7.0%	0.7%	8	23	31	\$38.18	\$79,414	3	None	None
29-9012	Occupational Health and Safety Technicians	170	200	30	17.6%	1.8%	2	3	5	\$19.70	\$40,986	7	None	MT OJT
29-9091	Athletic Trainers	370	460	90	24.3%	2.4%	8	8	16	N/A	\$46,616	3	None	None
29-9092	Genetic Counselors	100	130	30	30.0%	3.0%	4	2	6	\$42.70	\$88,819	2	None	None
29-9099	Healthcare Practitioners and Technical Workers, All Other	1,440	1,640	200	13.9%	1.4%	20	29	49	\$28.50	\$59,277	5	None	None

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
33-2021	Fire Inspectors and Investigators	270	280	10	3.7%	0.4%	1	8	9	\$50.63	\$105,308	5	≥5 years	MT OJT
33-3000	Law Enforcement Workers	32,000	33,680	1,680	5.3%	0.5%	176	1,006	1,182	N/A	N/A			
33-3012	Correctional Officers and Jailers Detectives and Criminal Investigators	3,400	3,470	70	2.1%	0.2%	8	93	101	\$29.18	\$60,705	7	None	MT OJT
33-3021	Investigators	3,380	3,480	100	3.0%	0.3%	10	82	92	\$56.87	\$118,300	7	<5 years	MT OJT
33-3041	Parking Enforcement Workers	420	340	-80	-19.0%	-1.9%	0	13	13	\$22.03	\$45,807	7	None	ST OJT
33-3051	Police and Sheriff's Patrol Officers	24,690	26,270	1,580	6.4%	0.6%	158	814	972	\$47.81	\$99,424	7	None	MT OJT
33-9000	Other Protective Service Workers	67,170	76,310	9,140	13.6%	1.4%	921	969	1,890	N/A	N/A			
33-9011	Animal Control Workers	310	350	40	12.9%	1.3%	3	7	10	\$26.84	\$55,831	7	None	MT OJT
33-9021	Private Detectives and Investigators	1,240	1,370	130	10.5%	1.0%	13	33	46	\$27.15	\$56,473	7	<5 years	MT OJT
33-9031	Gaming Surveillance Officers and Gaming Investigators	310	330	20	6.5%	0.6%	1	4	5	\$15.63	\$32,519	7	None	ST OJT
33-9032	Security Guards	51,440	59,420	7,980	15.5%	1.6%	797	724	1,521	\$11.64	\$24,198	7	None	ST OJT
33-9091	Crossing Guards Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1,670	1,600	-70	-4.2%	-0.4%	0	30	30	\$14.03	\$29,185	8	None	ST OJT
33-9092	Workers	4,780	5,230	450	9.4%	0.9%	44	67	111	\$16.47	\$34,253	8	None	ST OJT
33-9093	Transportation Security Screeners	2,720	2,740	20	0.7%	0.1%	2	38	40	\$19.67	\$40,912	7	None	ST OJT
33-9099	Protective Service Workers, All Other	4,690	5,280	590	12.6%	1.3%	59	66	125	\$17.94	\$37,312	7	None	ST OJT
35-0000	Food Preparation and Serving Related Occupations	376,340	467,080	90,740	24.1%	2.4%	9,074	14,008	23,082	\$10.41	\$21,659			
35-1000	Supervisors of Food Preparation and Serving Workers	29,760	38,370	8,610	28.9%	2.9%	862	804	1,666	N/A	N/A			
35-1011	Chefs and Head Cooks	5,390	6,870	1,480	27.5%	2.7%	148	81	229	\$17.68	\$36,782	7	≥5 years	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	24,360	31,500	7,140	29.3%	2.9%	714	724	1,438	\$15.49	\$32,213	7	<5 years	None
35-2000	Cooks and Food Preparation Workers	103,450	125,880	22,430	21.7%	2.2%	2,243	2,784	5,027	N/A	N/A			
35-2011	Cooks, Fast Food	24,380	24,900	520	2.1%	0.2%	52	645	697	\$9.62	\$19,997	8	None	ST OJT
35-2012	Cooks, Institution and Cafeteria	6,550	7,460	910	13.9%	1.4%	91	173	264	\$14.19	\$29,521	8	None	ST OJT
35-2013	Cooks, Private Household	410	470	60	14.6%	1.5%	6	11	17	N/A	N/A	5	<5 years	None
35-2014	Cooks, Restaurant	31,770	43,630	11,860	37.3%	3.7%	1,186	840	2,026	\$11.71	\$24,351	8	<5 years	MT OJT
35-2015	Cooks, Short Order	5,710	6,290	580	10.2%	1.0%	58	151	209	\$11.32	\$23,546	8	None	ST OJT
35-2019	Cooks, All Other	780	890	110	14.1%	1.4%	11	21	32	\$14.17	\$29,491	8	None	MT OJT
35-2021	Food Preparation Workers Food and Beverage Serving Workers	33,850	42,240	8,390	24.8%	2.5%	839	943	1,782	\$10.65	\$22,138	8	None	ST OJT
35-3000	Workers	188,240	237,260	49,020	26.0%	2.6%	4,903	7,564	12,467	N/A	N/A			
35-3011	Bartenders	14,390	18,290	3,900	27.1%	2.7%	390	541	931	\$11.48	\$23,882	8	None	ST OJT

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
39-0000	Personal Care and Service Occupations	300,230	413,730	113,500	37.8%	3.8%	11,358	4,454	15,812	\$11.56	\$24,056			
39-1000	Supervisors of Personal Care and Service Workers	8,200	10,050	1,850	22.6%	2.3%	185	160	345	N/A	N/A			
39-1011	Gaming Supervisors	330	370	40	12.1%	1.2%	4	11	15	\$22.58	\$46,949	7	<5 years	None
39-1021	First-Line Supervisors of Personal Service Workers	7,860	9,670	1,810	23.0%	2.3%	181	149	330	\$20.78	\$43,227	7	<5 years	None
39-2000	Animal Care and Service Workers	5,460	6,480	1,020	18.7%	1.9%	102	126	228	N/A	N/A			
39-2011	Animal Trainers	860	1,020	160	18.3%	1.9%	15	31	46	\$19.98	\$41,544	7	None	MT OJT
39-2021	Nonfarm Animal Caretakers	4,600	5,470	870	18.9%	1.9%	87	95	182	\$11.44	\$23,801	7	None	ST OJT
39-3000	Entertainment Attendants and Related Workers	20,360	22,550	2,190	10.8%	1.1%	221	860	1,081	N/A	N/A			
39-3011	Gaming Dealers	3,960	4,410	450	11.4%	1.1%	46	106	152	\$12.21	\$25,381	7	None	ST OJT
39-3019	Gaming Service Workers, All Other	1,430	1,560	130	9.1%	0.9%	13	38	51	\$12.38	\$25,748	7	None	ST OJT
39-3021	Motion Picture Projectionists	170	150	-20	-11.8%	-1.2%	0	7	7	\$11.78	\$24,504	8	None	ST OJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	4,570	4,790	220	4.8%	0.5%	22	288	310	\$9.76	\$20,293	8	None	ST OJT
39-3091	Amusement and Recreation Attendants	7,340	8,460	1,120	15.3%	1.5%	112	307	419	\$10.47	\$21,771	8	None	ST OJT
39-3092	Costume Attendants	1,040	1,100	60	5.8%	0.6%	6	44	50	\$21.68	\$45,093	7	None	ST OJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	1,240	1,360	120	9.7%	1.0%	12	52	64	\$15.31	\$31,846	7	None	ST OJT
39-3099	Entertainment Attendants and Related Workers, All Other	120	140	20	16.7%	1.7%	2	5	7	\$10.86	\$22,577	7	None	ST OJT
39-4000	Funeral Service Workers	1,700	1,650	-50	-2.9%	-0.3%	1	37	38	N/A	N/A			
39-4011	Embalmers	170	150	-20	-11.8%	-1.2%	0	4	4	\$22.83	\$47,489	5	None	ST OJT
39-4021	Funeral Attendants	710	660	-50	-7.0%	-0.7%	0	16	16	\$14.49	\$30,143	7	None	ST OJT
39-4031	Morticians, Undertakers, and Funeral Directors	820	830	10	1.2%	0.1%	1	18	19	\$18.56	\$38,597	4	None	LT OJT
39-5000	Personal Appearance Workers	23,250	28,880	5,630	24.2%	2.4%	562	413	975	N/A	N/A			
39-5011	Barbers	1,720	2,190	470	27.3%	2.7%	47	32	79	\$11.73	\$24,382	5	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	11,880	14,690	2,810	23.7%	2.4%	281	306	587	\$11.34	\$23,587	5	None	None
39-5091	Makeup Artists, Theatrical and Performance	1,560	1,900	340	21.8%	2.2%	35	12	47	\$39.29	\$81,722	5	None	None
39-5092	Manicurists and Pedicurists	4,880	6,170	1,290	26.4%	2.6%	129	38	167	\$9.54	\$19,854	5	None	None
39-5093	Shampooers	1,510	1,910	400	26.5%	2.6%	40	12	52	\$10.68	\$22,210	8	None	ST OJT
39-5094	Skincare Specialists	1,720	2,020	300	17.4%	1.7%	30	13	43	\$16.89	\$35,130	5	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	2,690	3,060	370	13.8%	1.4%	36	55	91	N/A	N/A			

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SOC Code*	Occupational Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024 [1]	Percent Change 2014-2024	Annual Average Percent Change	Average Annual Job Openings			2016 First Quarter Wages [5]		Education and Training Levels [7]		
							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	44,270	47,530	3,260	7.4%	0.7%	326	911	1,237	\$23.31	\$48,491	7	None	MT OJT
41-9000	Other Sales and Related Workers	27,810	30,440	2,630	9.5%	0.9%	298	440	738	N/A	N/A			
	Demonstrators and Product Promoters	4,740	4,920	180	3.8%	0.4%	18	140	158	\$12.05	\$25,059	7	None	ST OJT
41-9012	Models	270	320	50	18.5%	1.9%	5	8	13	\$21.95	\$45,661	8	None	None
41-9021	Real Estate Brokers	2,920	3,510	590	20.2%	2.0%	59	20	79	\$27.34	\$56,871	7	<5 years	None
41-9022	Real Estate Sales Agents	7,000	8,130	1,130	16.1%	1.6%	113	49	162	\$21.74	\$45,226	7	None	MT OJT
41-9031	Sales Engineers	2,440	2,750	310	12.7%	1.3%	31	63	94	\$47.30	\$98,367	3	None	MT OJT
41-9041	Telemarketers	5,080	4,720	-360	-7.1%	-0.7%	0	94	94	\$13.13	\$27,324	8	None	ST OJT
	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	1,710	1,790	80	4.7%	0.5%	8	14	22	\$10.89	\$22,653	8	None	ST OJT
41-9099	Sales and Related Workers, All Other	3,660	4,310	650	17.8%	1.8%	65	51	116	\$14.68	\$30,518	7	None	None
43-0000	Office and Administrative Support Occupations	715,940	751,030	35,090	4.9%	0.5%	4,849	14,329	19,178	\$17.72	\$36,871			
	Supervisors of Office and Administrative Support Workers	49,440	54,790	5,350	10.8%	1.1%	534	747	1,281	N/A	N/A			
43-1000	First-Line Supervisors of Office and Administrative Support Workers	49,440	54,790	5,350	10.8%	1.1%	534	747	1,281	\$27.80	\$57,829	7	<5 years	None
	Communications Equipment Operators	4,150	2,880	-1,270	-30.6%	-3.1%	3	51	54	N/A	N/A			
43-2000	Switchboard Operators, Including Answering Service	3,940	2,710	-1,230	-31.2%	-3.1%	0	47	47	\$14.69	\$30,547	7	None	ST OJT
43-2021	Telephone Operators	140	80	-60	-42.9%	-4.3%	0	3	3	N/A	N/A	7	None	ST OJT
43-3000	Financial Clerks	110,740	108,350	-2,390	-2.2%	-0.2%	268	2,049	2,317	N/A	N/A			
43-3011	Bill and Account Collectors	13,270	12,680	-590	-4.4%	-0.4%	0	324	324	\$18.78	\$39,071	7	None	MT OJT
43-3021	Billing and Posting Clerks	19,780	22,230	2,450	12.4%	1.2%	245	414	659	\$17.64	\$36,697	7	None	MT OJT
	Bookkeeping, Accounting, and Auditing Clerks	54,960	51,980	-2,980	-5.4%	-0.5%	0	539	539	\$20.57	\$42,776	6	None	MT OJT
43-3041	Gaming Cage Workers	660	790	130	19.7%	2.0%	13	13	26	\$13.35	\$27,763	7	None	ST OJT
43-3051	Payroll and Timekeeping Clerks	6,250	6,240	-10	-0.2%	0.0%	0	168	168	\$22.21	\$46,194	7	None	MT OJT
43-3061	Procurement Clerks	2,220	2,160	-60	-2.7%	-0.3%	0	77	77	\$20.69	\$43,052	7	None	MT OJT
43-3071	Tellers	12,200	10,750	-1,450	-11.9%	-1.2%	0	477	477	\$13.62	\$28,326	7	None	ST OJT
43-3099	Financial Clerks, All Other	1,410	1,520	110	7.8%	0.8%	10	38	48	\$21.84	\$45,426	7	None	ST OJT
43-4000	Information and Record Clerks	146,220	157,300	11,080	7.6%	0.8%	1,178	3,458	4,636	N/A	N/A			
43-4011	Brokerage Clerks	1,060	1,040	-20	-1.9%	-0.2%	0	26	26	\$25.81	\$53,685	7	None	MT OJT
43-4021	Correspondence Clerks	100	90	-10	-10.0%	-1.0%	0	3	3	\$25.59	\$53,235	7	None	ST OJT

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SOC Code*	Occupational Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024 [1]	Percent Change 2014-2024	Annual Average Percent Change	Average Annual Job Openings			2016 First Quarter Wages [5]		Education and Training Levels [7]		
							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
43-5061	Production, Planning, and Expediting Clerks	15,770	16,640	870	5.5%	0.6%	87	428	515	\$21.85	\$45,447	7	None	MT OJT
43-5071	Shipping, Receiving, and Traffic Clerks	29,700	30,650	950	3.2%	0.3%	95	645	740	\$14.05	\$29,237	7	None	ST OJT
43-5081	Stock Clerks and Order Fillers	59,770	65,910	6,140	10.3%	1.0%	614	1,897	2,511	\$11.26	\$23,414	8	None	ST OJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping Secretaries and Administrative Assistants	3,620	3,510	-110	-3.0%	-0.3%	0	107	107	\$11.49	\$23,905	7	None	ST OJT
43-6000	Executive Secretaries and Executive Administrative Assistants	116,210	124,350	8,140	7.0%	0.7%	892	1,225	2,117	N/A	N/A			
43-6011	Legal Secretaries	24,180	23,880	-300	-1.2%	-0.1%	0	255	255	\$29.13	\$60,613	7	<5 years	None
43-6012	Medical Secretaries	10,630	10,150	-480	-4.5%	-0.5%	0	112	112	\$25.29	\$52,600	7	None	MT OJT
43-6013	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	20,260	24,080	3,820	18.9%	1.9%	382	214	596	\$17.64	\$36,708	7	None	MT OJT
43-6014	Other Office and Administrative Support Workers	61,150	66,250	5,100	8.3%	0.8%	510	645	1,155	\$18.81	\$39,133	7	None	ST OJT
43-9000	Computer Operators	143,550	150,700	7,150	5.0%	0.5%	945	2,949	3,894	N/A	N/A			
43-9011	Data Entry Keyers	1,280	1,050	-230	-18.0%	-1.8%	0	10	10	\$21.06	\$43,799	7	None	MT OJT
43-9021	Word Processors and Typists	7,470	7,460	-10	-0.1%	0.0%	0	95	95	\$14.44	\$30,035	7	None	MT OJT
43-9022	Desktop Publishers	10,560	9,160	-1,400	-13.3%	-1.3%	0	37	37	\$21.77	\$45,263	7	None	ST OJT
43-9031	Insurance Claims and Policy Processing Clerks	590	470	-120	-20.3%	-2.0%	0	16	16	\$21.96	\$45,682	4	None	ST OJT
43-9041	Mail Clerks and Mail Machine Operators, Except Postal Service	10,460	10,600	140	1.3%	0.1%	14	262	276	\$19.76	\$41,108	7	None	MT OJT
43-9051	Office Clerks, General	1,650	1,480	-170	-10.3%	-1.0%	0	34	34	\$16.09	\$33,464	7	None	ST OJT
43-9061	Office Machine Operators, Except Computer	92,130	99,260	7,130	7.7%	0.8%	713	1,987	2,700	\$15.18	\$31,560	7	None	ST OJT
43-9071	Proofreaders and Copy Markers	2,300	1,940	-360	-15.7%	-1.6%	0	52	52	\$14.42	\$29,994	7	None	ST OJT
43-9081	Statistical Assistants	710	780	70	9.9%	1.0%	7	14	21	\$16.56	\$34,446	3	None	None
43-9111	Office and Administrative Support Workers, All Other	180	180	0	0.0%	0.0%	0	7	7	\$19.32	\$40,197	3	None	None
43-9199	Farming, Fishing, and Forestry Occupations	16,230	18,340	2,110	13.0%	1.3%	211	436	647	\$12.23	\$25,440	7	None	ST OJT
45-0000	Supervisors of Farming, Fishing, and Forestry Workers	5,680	5,440	-240	-4.2%	-0.4%	11	144	155	\$11.53	\$23,977			
45-1000	Agricultural Workers	170	160	-10	-5.9%	-0.6%	0	4	4	N/A	N/A			
45-2000	Agricultural Inspectors	5,250	5,010	-240	-4.6%	-0.5%	10	134	144	N/A	N/A			
45-2011	Agricultural Inspectors	560	590	30	5.4%	0.5%	3	14	17	\$18.11	\$37,668	3	None	MT OJT

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
47-2171	Reinforcing Iron and Rebar Workers	610	880	270	44.3%	4.4%	27	9	36	\$26.93	\$56,024	7	None	AP
47-2181	Roofers	2,350	3,090	740	31.5%	3.1%	74	36	110	\$25.59	\$53,229	8	None	MT OJ
47-2211	Sheet Metal Workers	2,060	2,310	250	12.1%	1.2%	25	44	69	\$28.80	\$59,906	7	None	AP
47-2221	Structural Iron and Steel Workers	1,050	1,200	150	14.3%	1.4%	15	18	33	\$33.95	\$70,619	7	None	AP
47-3000	Helpers, Construction Trades Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	3,960	4,980	1,020	25.8%	2.6%	102	50	152	N/A	N/A	7	None	AP
47-3011	Helpers--Carpenters	560	780	220	39.3%	3.9%	21	7	28	\$12.83	\$26,680	8	None	ST OJ
47-3012	Helpers--Electricians	440	550	110	25.0%	2.5%	10	6	16	\$16.59	\$34,507	8	None	ST OJ
47-3013	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	1,110	1,340	230	20.7%	2.1%	23	14	37	\$16.06	\$33,409	7	None	ST OJ
47-3014	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	580	760	180	31.0%	3.1%	19	7	26	\$9.47	\$19,688	8	None	ST OJ
47-3015	Helpers, Construction Trades, All Other	730	880	150	20.5%	2.1%	15	9	24	\$14.83	\$30,837	7	None	ST OJ
47-3019	Other Construction and Related Workers	430	510	80	18.6%	1.9%	8	5	13	\$18.31	\$38,074	8	None	ST OJ
47-4000	Construction and Building Inspectors	5,430	5,980	550	10.1%	1.0%	55	130	185	N/A	N/A	7	≥5 years	MT OJ
47-4011	Elevator Installers and Repairers	2,100	2,320	220	10.5%	1.0%	21	59	80	\$41.72	\$86,780	7	None	AF
47-4021	Fence Erectors	440	530	90	20.5%	2.0%	9	7	16	\$42.66	\$88,721	7	None	AF
47-4031	Hazardous Materials Removal Workers	610	710	100	16.4%	1.6%	11	12	23	\$21.18	\$44,050	8	None	MT OJ
47-4041	Highway Maintenance Workers	1,200	1,280	80	6.7%	0.7%	9	26	35	\$20.14	\$41,906	7	None	MT OJ
47-4051	Septic Tank Servicers and Sewer Pipe Cleaners	640	650	10	1.6%	0.2%	0	17	17	\$24.57	\$51,094	7	None	MT OJ
47-4071	Construction and Related Workers, All Other	170	190	20	11.8%	1.2%	2	4	6	\$18.40	\$38,277	8	None	MT OJ
47-4099	Extraction Workers	250	270	20	8.0%	0.8%	3	4	7	\$21.84	\$45,423	7	None	MT C
47-5000	Rotary Drill Operators, Oil and Gas	1,840	1,940	100	5.4%	0.5%	10	44	54	N/A	N/A	8	None	MT C
47-5012	Service Unit Operators, Oil, Gas, and Mining	170	180	10	5.9%	0.6%	1	6	7	\$30.89	\$64,256	8	None	MT C
47-5013	Roustabouts, Oil and Gas	260	280	20	7.7%	0.8%	2	9	11	\$21.41	\$44,518	8	None	MT C
47-5071	Installation, Maintenance, and Repair Occupations	890	920	30	3.4%	0.3%	3	18	21	\$20.52	\$42,689	8	None	MT C
49-0000	Supervisors of Installation, Maintenance, and Repair Workers	127,540	139,700	12,160	9.5%	1.0%	1,256	2,881	4,137	\$22.84	\$47,503	8	None	MT C
49-1000	Maintenance, and Repair Workers	9,390	10,170	780	8.3%	0.8%	78	187	265	N/A	N/A	8	None	MT C

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	5,240	6,420	1,180	22.5%	2.3%	118	90	208	\$26.75	\$55,644	7	None	LT OJT
49-3041	Farm Equipment Mechanics and Service Technicians	120	130	10	8.3%	0.8%	1	3	4	\$21.23	\$44,165	7	None	LT OJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,690	2,950	260	9.7%	1.0%	26	64	90	\$29.42	\$61,207	7	None	LT OJT
49-3051	Motorboat Mechanics and Service Technicians	330	340	10	3.0%	0.3%	2	6	8	\$19.75	\$41,091	7	None	LT OJT
49-3052	Motorcycle Mechanics	290	330	40	13.8%	1.4%	4	6	10	\$19.16	\$39,867	5	None	ST OJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	510	540	30	5.9%	0.6%	3	10	13	\$21.68	\$45,106	7	None	MT OJT
49-3091	Bicycle Repairs	370	380	10	2.7%	0.3%	1	13	14	\$12.06	\$25,071	7	None	MT OJT
49-3093	Tire Repairs and Changers	1,650	1,770	120	7.3%	0.7%	12	56	68	\$15.20	\$31,615	7	None	ST OJT
49-9000	Other Installation, Maintenance, and Repair Occupations	61,390	68,280	6,890	11.2%	1.1%	705	1,488	2,193	N/A	N/A			
49-9012	Control and Valve Installers and Repairs, Except Mechanical Door Heating, Air Conditioning, and Refrigeration Mechanics and Installers	450	470	20	4.4%	0.4%	2	18	20	\$35.60	\$74,041	7	None	MT OJT
49-9021	Home Appliance Repairs	6,040	7,440	1,400	23.2%	2.3%	140	92	232	\$25.37	\$52,772	5	None	LT OJT
49-9031	Industrial Machinery Mechanics	820	830	10	1.2%	0.1%	0	22	22	\$18.90	\$39,321	7	None	MT OJT
49-9041	Maintenance Workers, Machinery	6,570	8,100	1,530	23.3%	2.3%	153	170	323	\$29.12	\$60,549	7	None	LT OJT
49-9043	Millwrights	2,150	2,380	230	10.7%	1.1%	23	34	57	\$18.60	\$38,694	7	None	MT OJT
49-9044	Electrical Power-Line Installers and Repairs	570	690	120	21.1%	2.1%	12	12	24	\$33.69	\$70,076	7	None	APP
49-9051	Telecommunications Line Installers and Repairs	1,440	1,480	40	2.8%	0.3%	4	57	61	\$50.42	\$104,866	7	None	LT OJT
49-9052	Camera and Photographic Equipment Repairs	2,420	2,360	-60	-2.5%	-0.2%	0	44	44	\$32.59	\$67,780	7	None	LT OJT
49-9061	Medical Equipment Repairs	410	430	20	4.9%	0.5%	3	7	10	\$18.82	\$39,149	4	None	LT OJT
49-9062	Musical Instrument Repairs and Tuners	740	790	50	6.8%	0.7%	6	13	19	\$27.45	\$57,101	4	None	MT OJT
49-9063	Precision Instrument and Equipment Repairs, All Other	200	190	-10	-5.0%	-0.5%	0	4	4	\$27.57	\$57,343	7	None	APP
49-9069	Maintenance and Repair Workers, General	350	370	20	5.7%	0.6%	1	6	7	\$34.03	\$70,784	7	None	LT OJT
49-9071	Coin, Vending, and Amusement Machine Servicers and Repairs	29,300	32,220	2,920	10.0%	1.0%	292	768	1,060	\$20.04	\$41,698	7	None	LT OJT
49-9091	Locksmiths and Safe Repairs	370	340	-30	-8.1%	-0.8%	0	5	5	\$15.91	\$33,101	7	None	ST OJT
49-9094		730	690	-40	-5.5%	-0.5%	0	38	38	\$23.86	\$49,627	7	None	LT OJT

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
51-4000	Metal Workers and Plastic Workers	44,970	41,810	-3,160	-7.0%	-0.7%	168	1,112	1,280	N/A	N/A			
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	3,700	4,320	620	16.8%	1.7%	62	112	174	\$17.16	\$35,696	7	None	MT OJT
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	700	830	130	18.6%	1.9%	13	21	34	\$28.81	\$59,928	7	None	LT OJT
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,420	990	-430	-30.3%	-3.0%	0	35	35	\$14.20	\$29,530	7	None	MT OJT
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	810	650	-160	-19.8%	-2.0%	0	20	20	\$17.29	\$35,961	7	None	MT OJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	870	750	-120	-13.8%	-1.4%	0	21	21	\$14.36	\$29,867	7	None	MT OJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,900	3,010	-890	-22.8%	-2.3%	0	49	49	\$13.28	\$27,632	7	None	MT OJT
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	610	500	-110	-18.0%	-1.8%	0	11	11	\$15.12	\$31,429	7	None	MT OJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2,720	2,200	-520	-19.1%	-1.9%	0	113	113	\$14.33	\$29,816	7	None	MT OJT
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,570	1,260	-310	-19.7%	-2.0%	0	39	39	\$17.94	\$37,329	7	None	MT OJT
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	910	700	-210	-23.1%	-2.3%	0	16	16	\$20.00	\$41,595	7	None	MT OJT
51-4041	Machinists	9,330	10,070	740	7.9%	0.8%	74	270	344	\$16.96	\$35,287	7	None	LT OJT
51-4051	Metal-Refining Furnace Operators and Tenders	130	130	0	0.0%	0.0%	0	4	4	\$19.23	\$40,003	7	None	MT OJT
51-4052	Pourers and Casters, Metal	250	170	-80	-32.0%	-3.2%	0	8	8	\$11.60	\$24,120	7	None	MT OJT
51-4061	Model Makers, Metal and Plastic	180	130	-50	-27.8%	-2.8%	0	3	3	\$23.32	\$48,506	7	None	MT OJT
51-4071	Foundry Mold and Coremakers	320	230	-90	-28.1%	-2.8%	0	5	5	\$16.34	\$33,991	7	None	MT OJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	2,950	2,090	-860	-29.2%	-2.9%	0	44	44	\$11.45	\$23,814	7	None	MT OJT

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	1,090	480	-610	-56.0%	-5.6%	0	18	18	\$9.83	\$20,435	7	None	ST OJT
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	180	120	-60	-33.3%	-3.3%	0	3	3	\$12.28	\$25,529	7	None	MT OJT
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	150	120	-30	-20.0%	-2.0%	0	2	2	\$16.92	\$35,195	7	None	MT OJT
51-6092	Fabric and Apparel Patternmakers	1,300	1,170	-130	-10.0%	-1.0%	0	13	13	\$23.88	\$49,649	7	None	MT OJT
51-6093	Upholsterers	2,380	2,390	10	0.4%	0.0%	1	61	62	\$14.66	\$30,490	7	None	MT OJT
51-6099	Textile, Apparel, and Furnishings Workers, All Other	1,120	910	-210	-18.8%	-1.9%	0	12	12	\$9.65	\$20,068	7	None	ST OJT
51-7000	Woodworkers	5,130	5,500	370	7.2%	0.7%	41	74	115	N/A	N/A	7	None	ST OJT
51-7011	Cabinetmakers and Bench Carpenters	2,490	2,830	340	13.7%	1.4%	34	20	54	\$16.57	\$34,460	7	None	MT OJT
51-7021	Furniture Finishers	690	730	40	5.8%	0.6%	4	12	16	\$11.66	\$24,243	7	None	ST OJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	560	590	30	5.4%	0.5%	3	16	19	\$15.75	\$32,766	7	None	ST OJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,010	990	-20	-2.0%	-0.2%	0	17	17	\$13.68	\$28,448	7	None	ST OJT
51-7099	Woodworkers, All Other	360	330	-30	-8.3%	-0.8%	0	8	8	\$12.51	\$26,029	7	None	MT OJT
51-8000	Plant and System Operators	6,830	7,090	260	3.8%	0.4%	32	217	249	N/A	N/A	7	None	LT OJT
51-8012	Power Distributors and Dispatchers	360	380	20	5.6%	0.6%	2	12	14	\$37.46	\$77,924	7	None	LT OJT
51-8013	Power Plant Operators	830	920	90	10.8%	1.1%	10	28	38	\$45.90	\$95,470	7	None	LT OJT
51-8021	Stationary Engineers and Boiler Operators	880	940	60	6.8%	0.7%	6	24	30	\$37.82	\$78,659	7	None	LT OJT
51-8031	Water and Wastewater Treatment Plant and System Operators	2,220	2,330	110	5.0%	0.5%	10	56	66	\$38.06	\$79,179	7	None	LT OJT
51-8092	Gas Plant Operators	740	760	20	2.7%	0.3%	2	28	30	\$36.88	\$76,709	7	None	LT OJT
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	1,270	1,240	-30	-2.4%	-0.2%	0	48	48	\$39.88	\$82,946	7	None	LT OJT
51-8099	Plant and System Operators, All Other	150	140	-10	-6.7%	-0.7%	0	6	6	\$30.25	\$62,939	7	None	LT OJT
51-9000	Other Production Occupations	77,630	76,200	-1,430	-1.8%	-0.2%	158	2,070	2,228	N/A	N/A	7	None	LT OJT
51-9011	Chemical Equipment Operators and Tenders	820	840	20	2.4%	0.2%	2	26	28	\$15.14	\$31,480	7	None	MT OJT

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
51-9194	Etchers and Engravers	270	250	-20	-7.4%	-0.7%	0	7	7	\$17.80	\$37,022	7	None	MT OJT
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	1,490	1,420	-70	-4.7%	-0.5%	0	51	51	\$11.94	\$24,835	7	None	LT OJT
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,580	1,420	-160	-10.1%	-1.0%	0	22	22	\$15.79	\$32,837	7	None	MT OJT
51-9198	Helpers--Production Workers	13,740	12,930	-810	-5.9%	-0.6%	0	448	448	\$10.62	\$22,039	8	None	ST OJT
51-9199	Production Workers, All Other	5,940	6,510	570	9.6%	1.0%	57	122	179	\$10.27	\$21,364	7	None	MT OJT
53-0000	Moving Occupations	296,010	331,220	35,210	11.9%	1.2%	3,543	7,811	11,354	\$13.42	\$27,913			
	Supervisors of Transportation and Material Moving Workers	13,350	14,850	1,500	11.2%	1.1%	150	428	578	N/A	N/A			
53-1011	Aircraft Cargo Handling Supervisors	270	300	30	11.1%	1.1%	3	9	12	\$27.01	\$56,173	7	<5 years	None
	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	6,890	7,640	750	10.9%	1.1%	75	221	296	\$21.97	\$45,710	7	<5 years	None
	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	6,190	6,910	720	11.6%	1.2%	72	198	270	\$30.56	\$63,569	7	<5 years	None
53-2000	Air Transportation Workers	10,490	12,080	1,590	15.2%	1.5%	159	227	386	N/A	N/A			
	Airline Pilots, Copilots, and Flight Engineers	3,110	3,600	490	15.8%	1.6%	49	76	125	[6] \$115,127		3	<5 years	MT OJT
53-2012	Commercial Pilots	760	990	230	30.3%	3.0%	23	18	41	[6] \$104,196		7	None	MT OJT
53-2021	Air Traffic Controllers	690	700	10	1.4%	0.1%	0	21	21	\$67.95	\$141,339	4	None	LT OJT
53-2022	Airfield Operations Specialists	210	240	30	14.3%	1.4%	2	6	8	N/A	N/A	7	None	LT OJT
53-2031	Flight Attendants	5,720	6,560	840	14.7%	1.5%	84	105	189	[6] \$45,741		7	<5 years	MT OJT
53-3000	Motor Vehicle Operators	95,070	106,470	11,400	12.0%	1.2%	1,140	1,597	2,737	N/A	N/A			
53-3021	Bus Drivers, Transit and Intercity	7,330	8,620	1,290	17.6%	1.8%	129	96	225	\$19.04	\$39,608	7	None	MT OJT
53-3022	Bus Drivers, School or Special Client	5,900	7,020	1,120	19.0%	1.9%	112	78	190	\$13.90	\$28,901	7	None	ST OJT
53-3031	Driver/Sales Workers	15,210	17,160	1,950	12.8%	1.3%	195	259	454	\$11.90	\$24,755	7	None	ST OJT
	Heavy and Tractor-Trailer Truck Drivers	30,670	33,530	2,860	9.3%	0.9%	285	522	807	\$19.57	\$40,708	5	None	ST OJT
	Light Truck or Delivery Services Drivers	26,890	29,180	2,290	8.5%	0.9%	228	457	685	\$14.48	\$30,103	7	None	ST OJT
53-3041	Taxi Drivers and Chauffeurs	6,230	7,600	1,370	22.0%	2.2%	138	118	256	\$12.66	\$26,344	8	None	ST OJT
53-3099	Motor Vehicle Operators, All Other	1,390	1,530	140	10.1%	1.0%	14	43	57	\$33.33	\$69,325	8	None	ST OJT
53-4000	Rail Transportation Workers	1,380	1,470	90	6.5%	0.7%	11	54	65	N/A	N/A			
53-4041	Subway and Streetcar Operators	330	350	20	6.1%	0.6%	2	13	15	\$24.11	\$50,152	7	None	MT OJT
	Rail Transportation Workers, All Other	180	190	10	5.6%	0.6%	0	7	7	\$18.18	\$37,825	7	None	MT OJT

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							New Jobs [2]	Replacement Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education

- [2] New jobs are only openings due to growth and do not include job declines. If an occupation's employment change is negative, there is no job growth and new jobs are set to zero. New jobs may not equal numerical change.
- [3] Replacement needs estimate the number of job openings created when workers retire or permanently leave an occupation and need to be replaced.
- [4] Total jobs are the sum of new jobs and replacement needs.
- [5] Median hourly and annual wages are the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below, and 50 percent earn wages above the median wage. The wages are from 2016 first quarter and do not include self-employed or unpaid family workers.
- [6] In occupations where workers do not work full-time all year-round, it is not possible to calculate an hourly wage.
- [7] The Bureau of Labor Statistics develops and assigns education and training categories to each occupation (see tables below). For more information please see http://www.bls.gov/emp/ep_education_training_system.htm

Entry Level Education
1- Doctoral or professional degree
2- Master's degree
3- Bachelor's degree
4- Associate's degree
5- Postsecondary non-degree award
6- Some college, no degree
7- High school diploma or equivalent
8- No formal educational credential

Work Experience Codes	
≥5 years	5 years or more experience in a related occupation or field is common.
<5 years	Less than 5 years experience in a related occupation or field is common.
None	No work experience is typically required.

On-the-Job Training	
I/R	Internship/Residency
APP	Apprenticeship
LT OJT	Long-term on-the-job training
MT OJT	Moderate-term on-the-job
ST OJT	Short-term on-the-job training
None	None