

2012-2022 Occupational Employment Projections														
Anaheim-Santa Ana-Irvine Metropolitan Division														
(Orange County)														
Employment Development Department														
Labor Market Information Division														
Published: December 2014														
SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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	1,523,900	1,789,300	265,400	17.4%	1.7%	27,386	35,462	62,848	\$18.88	\$39,275			
11-0000	Management Occupations	104,130	121,540	17,410	16.7%	1.7%	1,760	2,086	3,846	\$55.25	\$114,931			
11-1000	Top Executives	30,500	36,200	5,700	18.7%	1.9%	571	579	1,150	N/A	N/A			
11-1011	Chief Executives	3,240	3,600	360	11.1%	1.1%	36	69	105	N/A	N/A	3	≥5 years	None
11-1021	General and Operations Managers	27,120	32,470	5,350	19.7%	2.0%	535	507	1,042	\$54.86	\$114,114	3	<5 years	None
11-1031	Legislators	140	130	-10	-7.1%	-0.7%	0	3	3	[6]	\$63,314	3	<5 years	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	11,450	13,830	2,380	20.8%	2.1%	238	249	487	N/A	N/A			
11-2011	Advertising and Promotions Managers	380	500	120	31.6%	3.2%	12	12	24	\$49.63	\$103,223	3	<5 years	None
11-2021	Marketing Managers	3,550	4,330	780	22.0%	2.2%	77	76	153	\$65.47	\$136,180	3	≥5 years	None
11-2022	Sales Managers	7,080	8,480	1,400	19.8%	2.0%	140	152	292	\$59.49	\$123,726	3	<5 years	None
11-2031	Public Relations and Fundraising Managers	440	520	80	18.2%	1.8%	9	9	18	\$54.81	\$113,994	3	≥5 years	None
11-3000	Operations Specialties Managers	23,400	27,250	3,850	16.5%	1.6%	384	426	810	N/A	N/A			
11-3011	Administrative Services Managers	4,560	5,210	650	14.3%	1.4%	65	74	139	\$44.60	\$92,785	3	<5 years	None
11-3021	Computer and Information Systems Managers	4,520	5,600	1,080	23.9%	2.4%	108	63	171	\$67.61	\$140,623	3	≥5 years	None
11-3031	Financial Managers	7,980	9,340	1,360	17.0%	1.7%	136	150	286	\$65.01	\$135,222	3	≥5 years	None
11-3051	Industrial Production Managers	2,390	2,400	10	0.4%	0.0%	1	43	44	\$47.80	\$99,424	3	≥5 years	None
11-3061	Purchasing Managers	790	900	110	13.9%	1.4%	11	17	28	\$51.04	\$106,165	3	≥5 years	None
11-3071	Transportation, Storage, and Distribution Managers	1,150	1,350	200	17.4%	1.7%	20	26	46	\$37.91	\$78,860	7	≥5 years	None
11-3111	Compensation and Benefits Managers	200	210	10	5.0%	0.5%	1	5	6	\$58.02	\$120,684	3	≥5 years	None
11-3121	Human Resources Managers	1,450	1,820	370	25.5%	2.6%	36	38	74	\$57.65	\$119,918	3	≥5 years	None
11-3131	Training and Development Managers	350	420	70	20.0%	2.0%	6	9	15	\$55.83	\$116,119	3	≥5 years	None
11-9000	Other Management Occupations	38,790	44,260	5,470	14.1%	1.4%	566	831	1,397	N/A	N/A			
11-9013	Farmers, Ranchers, and Other Agricultural Managers	1,110	930	-180	-16.2%	-1.6%	0	18	18	\$43.52	\$90,508	7	≥5 years	None
11-9021	Construction Managers	5,420	6,430	1,010	18.6%	1.9%	101	85	186	\$51.64	\$107,414	3	None	MT OJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	650	730	80	12.3%	1.2%	8	17	25	\$28.62	\$59,526	3	<5 years	None
11-9032	Education Administrators, Elementary and Secondary School	1,440	1,610	170	11.8%	1.2%	17	38	55	[6]	\$113,802	2	≥5 years	None
11-9033	Education Administrators, Postsecondary	1,110	1,330	220	19.8%	2.0%	22	30	52	\$44.70	\$92,986	2	≥5 years	None
11-9039	Education Administrators, All Other	400	450	50	12.5%	1.3%	5	11	16	\$54.83	\$114,054	3	<5 years	None
11-9041	Architectural and Engineering Managers	3,770	3,950	180	4.8%	0.5%	17	92	109	\$73.21	\$152,260	3	≥5 years	None
11-9051	Food Service Managers	4,840	5,650	810	16.7%	1.7%	81	86	167	\$21.82	\$45,390	7	<5 years	None
11-9081	Lodging Managers	720	750	30	4.2%	0.4%	3	22	25	\$22.65	\$47,113	7	<5 years	None

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11-9111	Medical and Health Services Managers	2,290	2,770	480	21.0%	2.1%	48	56	104	\$49.48	\$102,911	3	None	None
11-9121	Natural Sciences Managers	610	710	100	16.4%	1.6%	10	13	23	\$74.44	\$154,839	3	≥5 years	None
11-9141	Property, Real Estate, and Community Association Managers	6,560	7,490	930	14.2%	1.4%	92	148	240	\$32.73	\$68,060	7	<5 years	None
11-9151	Social and Community Service Managers	820	970	150	18.3%	1.8%	15	17	32	\$32.11	\$66,790	3	≥5 years	None
11-9199	Managers, All Other	8,930	10,360	1,430	16.0%	1.6%	143	195	338	\$60.32	\$125,469	7	<5 years	None
13-0000	Business and Financial Operations Occupations	98,140	120,970	22,830	23.3%	2.3%	2,304	1,955	4,259	\$33.38	\$69,420			
13-1000	Business Operations Specialists	58,650	71,830	13,180	22.5%	2.2%	1,323	1,007	2,330	N/A	N/A			
13-1021	Buyers and Purchasing Agents, Farm Products	330	440	110	33.3%	3.3%	11	6	17	\$29.90	\$62,206	7	None	LT OJT
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,740	2,180	440	25.3%	2.5%	44	43	87	\$27.72	\$57,652	7	None	LT OJT
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	4,050	4,400	350	8.6%	0.9%	35	73	108	\$30.98	\$64,443	7	None	LT OJT
13-1031	Claims Adjusters, Examiners, and Investigators	3,790	4,390	600	15.8%	1.6%	60	88	148	\$30.48	\$63,405	7	None	LT OJT
13-1032	Insurance Appraisers, Auto Damage	140	140	0	0.0%	0.0%	0	3	3	\$31.72	\$65,974	5	None	MT OJT
13-1041	Compliance Officers	3,420	3,390	-30	-0.9%	-0.1%	0	63	63	\$35.52	\$73,883	3	None	MT OJT
13-1051	Cost Estimators	2,800	3,730	930	33.2%	3.3%	93	90	183	\$30.25	\$62,901	3	None	None
13-1071	Human Resources Specialists	5,160	6,100	940	18.2%	1.8%	94	94	188	\$31.40	\$65,309	3	None	None
13-1075	Labor Relations Specialists	510	540	30	5.9%	0.6%	3	9	12	\$32.88	\$68,392	3	None	None
13-1081	Logisticians	1,500	1,940	440	29.3%	2.9%	44	17	61	\$40.17	\$83,566	3	None	None
13-1111	Management Analysts	10,070	13,120	3,050	30.3%	3.0%	306	156	462	\$37.63	\$78,276	3	<5 years	None
13-1121	Meeting, Convention, and Event Planners	790	1,090	300	38.0%	3.8%	30	11	41	\$23.93	\$49,773	3	None	None
13-1131	Fundraisers	240	280	40	16.7%	1.7%	4	5	9	\$26.11	\$54,307	3	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	1,130	1,230	100	8.8%	0.9%	10	21	31	\$31.91	\$66,367	3	None	None
13-1151	Training and Development Specialists	2,490	3,130	640	25.7%	2.6%	64	46	110	\$31.53	\$65,581	3	<5 years	None
13-1161	Market Research Analysts and Marketing Specialists	8,100	11,520	3,420	42.2%	4.2%	342	111	453	\$32.09	\$66,760	3	None	None
13-1199	Business Operations Specialists, All Other	12,320	14,150	1,830	14.9%	1.5%	183	169	352	\$34.76	\$72,301	7	None	None
13-2000	Financial Specialists	39,490	49,140	9,650	24.4%	2.4%	981	948	1,929	N/A	N/A			
13-2011	Accountants and Auditors	16,720	20,050	3,330	19.9%	2.0%	334	495	829	\$33.32	\$69,299	3	None	None
13-2021	Appraisers and Assessors of Real Estate	1,210	1,300	90	7.4%	0.7%	9	11	20	\$33.22	\$69,097	3	None	LT OJT
13-2031	Budget Analysts	780	840	60	7.7%	0.8%	7	31	38	\$40.55	\$84,342	3	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
13-2041	Credit Analysts	1,050	1,370	320	30.5%	3.0%	32	26	58	\$34.45	\$71,657	3	None	None
13-2051	Financial Analysts	3,400	4,260	860	25.3%	2.5%	86	83	169	\$39.68	\$82,538	3	None	None
13-2052	Personal Financial Advisors	3,930	5,530	1,600	40.7%	4.1%	160	64	224	\$35.66	\$74,155	3	None	None
13-2053	Insurance Underwriters	1,250	1,340	90	7.2%	0.7%	8	34	42	\$32.24	\$67,072	3	None	MT OJT
13-2061	Financial Examiners	510	610	100	19.6%	2.0%	10	13	23	\$37.26	\$77,500	3	None	MT OJT
13-2071	Credit Counselors	580	790	210	36.2%	3.6%	20	11	31	\$20.95	\$43,566	3	None	MT OJT
13-2072	Loan Officers	6,320	9,010	2,690	42.6%	4.3%	270	116	386	\$34.69	\$72,150	3	None	MT OJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	540	380	-160	-29.6%	-3.0%	0	19	19	\$34.07	\$70,861	3	None	MT OJT
13-2082	Tax Preparers	1,340	1,500	160	11.9%	1.2%	15	27	42	\$21.44	\$44,584	7	None	MT OJT
13-2099	Financial Specialists, All Other	1,860	2,160	300	16.1%	1.6%	30	20	50	\$27.92	\$58,075	3	None	MT OJT
15-0000	Computer and Mathematical Occupations	47,360	57,830	10,470	22.1%	2.2%	1,047	771	1,818	\$41.90	\$87,149			
15-1100	Computer Occupations	45,920	55,810	9,890	21.5%	2.2%	989	733	1,722	N/A	N/A			
15-1111	Computer and Information Research Scientists	710	860	150	21.1%	2.1%	15	11	26	\$53.52	\$111,319	1	None	None
15-1121	Computer Systems Analysts	4,970	6,500	1,530	30.8%	3.1%	153	78	231	\$43.01	\$89,456	3	None	None
15-1122	Information Security Analysts	460	660	200	43.5%	4.3%	20	7	27	\$44.76	\$93,088	3	<5 years	None
15-1131	Computer Programmers	5,060	5,810	750	14.8%	1.5%	75	132	207	\$40.40	\$84,023	3	None	None
15-1132	Software Developers, Applications	8,900	10,320	1,420	16.0%	1.6%	142	114	256	\$48.18	\$100,210	3	None	None
15-1133	Software Developers, Systems Software	6,900	8,220	1,320	19.1%	1.9%	132	88	220	\$54.08	\$112,472	3	None	None
15-1134	Web Developers	2,090	2,840	750	35.9%	3.6%	75	33	108	\$30.02	\$62,443	4	None	None
15-1141	Database Administrators	1,250	1,570	320	25.6%	2.6%	32	24	56	\$41.28	\$85,844	3	<5 years	None
15-1142	Network and Computer Systems Administrators	4,340	5,270	930	21.4%	2.1%	93	68	161	\$40.72	\$84,701	3	None	None
15-1143	Computer Network Architects	1,430	1,840	410	28.7%	2.9%	41	22	63	\$53.54	\$111,370	3	≥5 years	None
15-1151	Computer User Support Specialists	6,330	7,920	1,590	25.1%	2.5%	159	100	259	\$26.93	\$56,009	6	None	MT OJT
15-1152	Computer Network Support Specialists	1,870	1,970	100	5.3%	0.5%	10	29	39	\$33.19	\$69,039	4	None	None
15-1199	Computer Occupations, All Other	1,620	2,030	410	25.3%	2.5%	41	26	67	\$35.47	\$73,784	3	None	None
15-2000	Mathematical Science Occupations	1,440	2,020	580	40.3%	4.0%	58	39	97	N/A	N/A			
15-2011	Actuaries	540	760	220	40.7%	4.1%	22	15	37	\$55.15	\$114,698	3	None	LT OJT
15-2031	Operations Research Analysts	490	690	200	40.8%	4.1%	20	11	31	\$40.04	\$83,295	3	None	None
15-2041	Statisticians	320	440	120	37.5%	3.8%	12	10	22	\$44.26	\$92,056	2	None	None
17-0000	Architecture and Engineering Occupations	34,910	36,850	1,940	5.6%	0.6%	244	795	1,039	\$41.16	\$85,601			
17-1000	Architects, Surveyors, and Cartographers	2,810	3,170	360	12.8%	1.3%	36	65	101	N/A	N/A			
17-1011	Architects, Except Landscape and Naval	1,520	1,720	200	13.2%	1.3%	20	36	56	\$41.86	\$87,078	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
17-1012	Landscape Architects	540	610	70	13.0%	1.3%	7	13	20	\$34.12	\$70,962	3	None	I/R
17-1021	Cartographers and Photogrammetrists	220	290	70	31.8%	3.2%	7	5	12	\$27.41	\$57,010	3	None	None
17-1022	Surveyors	530	550	20	3.8%	0.4%	2	11	13	\$40.70	\$84,650	3	<5 years	None
17-2000	Engineers	22,710	24,460	1,750	7.7%	0.8%	196	560	756	N/A	N/A			
17-2011	Aerospace Engineers	780	840	60	7.7%	0.8%	5	18	23	\$56.87	\$118,280	3	None	None
17-2031	Biomedical Engineers	1,310	1,680	370	28.2%	2.8%	36	34	70	\$48.70	\$101,303	3	None	None
17-2051	Civil Engineers	3,790	4,520	730	19.3%	1.9%	73	92	165	\$46.74	\$97,226	3	None	None
17-2061	Computer Hardware Engineers	3,050	2,850	-200	-6.6%	-0.7%	0	66	66	\$52.80	\$109,822	3	None	None
17-2071	Electrical Engineers	1,800	1,800	0	0.0%	0.0%	0	39	39	\$52.28	\$108,739	3	None	None
17-2072	Electronics Engineers, Except Computer	3,920	4,350	430	11.0%	1.1%	43	86	129	\$51.52	\$107,161	3	None	None
17-2081	Environmental Engineers	470	580	110	23.4%	2.3%	11	12	23	\$42.48	\$88,353	3	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	210	210	0	0.0%	0.0%	0	6	6	\$45.65	\$94,950	3	None	None
17-2112	Industrial Engineers	2,510	2,520	10	0.4%	0.0%	2	73	75	\$45.98	\$95,637	3	None	None
17-2131	Materials Engineers	320	320	0	0.0%	0.0%	0	10	10	\$49.41	\$102,770	3	None	None
17-2141	Mechanical Engineers	2,440	2,450	10	0.4%	0.0%	2	83	85	\$44.82	\$93,230	3	None	None
17-2161	Nuclear Engineers	180	240	60	33.3%	3.3%	6	5	11	[6]	[6]	3	None	None
17-2199	Engineers, All Other	1,770	1,930	160	9.0%	0.9%	16	33	49	\$50.14	\$104,278	3	None	None
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	9,390	9,220	-170	-1.8%	-0.2%	12	171	183	N/A	N/A			
17-3011	Architectural and Civil Drafters	2,040	1,970	-70	-3.4%	-0.3%	0	27	27	\$27.23	\$56,636	4	None	None
17-3012	Electrical and Electronics Drafters	320	340	20	6.3%	0.6%	2	4	6	\$28.06	\$58,366	4	None	None
17-3013	Mechanical Drafters	580	530	-50	-8.6%	-0.9%	0	8	8	\$26.91	\$55,978	4	None	None
17-3019	Drafters, All Other	220	240	20	9.1%	0.9%	2	3	5	\$24.22	\$50,383	4	None	None
17-3021	Aerospace Engineering and Operations Technicians	210	200	-10	-4.8%	-0.5%	0	4	4	\$31.22	\$64,932	4	None	None
17-3022	Civil Engineering Technicians	740	740	0	0.0%	0.0%	0	15	15	\$29.34	\$61,017	4	None	None
17-3023	Electrical and Electronics Engineering Technicians	2,490	2,370	-120	-4.8%	-0.5%	0	52	52	\$25.55	\$53,125	4	None	None
17-3024	Electro-Mechanical Technicians	430	440	10	2.3%	0.2%	2	9	11	\$21.28	\$44,263	4	None	None
17-3025	Environmental Engineering Technicians	150	180	30	20.0%	2.0%	3	3	6	\$23.92	\$49,746	4	None	None
17-3026	Industrial Engineering Technicians	540	530	-10	-1.9%	-0.2%	0	11	11	\$26.89	\$55,928	4	None	None
17-3027	Mechanical Engineering Technicians	700	670	-30	-4.3%	-0.4%	0	14	14	\$26.24	\$54,592	4	None	None
17-3029	Engineering Technicians, Except Drafters, All Other	790	810	20	2.5%	0.3%	2	16	18	\$26.04	\$54,157	4	None	None
17-3031	Surveying and Mapping Technicians	200	220	20	10.0%	1.0%	2	4	6	\$29.28	\$60,895	7	None	MT OJT
19-0000	Life, Physical, and Social Science Occupations	14,890	17,640	2,750	18.5%	1.8%	275	430	705	\$35.42	\$73,673			

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19-1000	Life Scientists	4,320	4,990	670	15.5%	1.6%	67	108	175	N/A	N/A			
19-1012	Food Scientists and Technologists	260	290	30	11.5%	1.2%	4	8	12	\$22.24	\$46,266	3	None	None
19-1021	Biochemists and Biophysicists	340	400	60	17.6%	1.8%	5	10	15	\$46.40	\$96,497	1	None	None
19-1022	Microbiologists	290	290	0	0.0%	0.0%	1	8	9	\$37.28	\$77,548	3	None	None
	Medical Scientists, Except													
19-1042	Epidemiologists	2,130	2,490	360	16.9%	1.7%	36	45	81	\$42.13	\$87,625	1	None	None
19-1099	Life Scientists, All Other	110	130	20	18.2%	1.8%	2	2	4	\$30.57	\$63,607	3	None	None
19-2000	Physical Scientists	3,590	4,270	680	18.9%	1.9%	69	100	169	N/A	N/A			
19-2031	Chemists	1,020	1,090	70	6.9%	0.7%	7	26	33	\$36.57	\$76,071	3	None	None
	Environmental Scientists and													
19-2041	Specialists, Including Health	1,430	1,770	340	23.8%	2.4%	34	42	76	\$41.58	\$86,502	3	None	None
	Geoscientists, Except Hydrologists and													
19-2042	Geographers	730	950	220	30.1%	3.0%	22	22	44	\$40.81	\$84,893	3	None	None
19-3000	Social Scientists and Related Workers	3,060	3,640	580	19.0%	1.9%	58	87	145	N/A	N/A			
19-3011	Economists	370	560	190	51.4%	5.1%	19	11	30	\$46.29	\$96,275	2	None	None
	Clinical, Counseling, and School													
19-3031	Psychologists	1,810	2,030	220	12.2%	1.2%	22	49	71	\$42.71	\$88,839	1	None	I/R
19-3051	Urban and Regional Planners	430	450	20	4.7%	0.5%	3	19	22	\$39.76	\$82,698	2	None	None
	Social Scientists and Related Workers,													
19-3099	All Other	130	140	10	7.7%	0.8%	1	2	3	\$43.40	\$90,275	3	None	None
	Life, Physical, and Social Science													
19-4000	Technicians	3,930	4,730	800	20.4%	2.0%	82	135	217	N/A	N/A			
	Agricultural and Food Science													
19-4011	Technicians	250	300	50	20.0%	2.0%	5	9	14	\$15.53	\$32,294	4	None	MT OJT
19-4021	Biological Technicians	1,190	1,380	190	16.0%	1.6%	19	36	55	\$19.47	\$40,479	3	None	None
19-4031	Chemical Technicians	450	510	60	13.3%	1.3%	6	11	17	\$20.89	\$43,453	4	None	MT OJT
19-4051	Nuclear Technicians	260	380	120	46.2%	4.6%	12	9	21	\$34.42	\$71,579	4	None	MT OJT
19-4061	Social Science Research Assistants	320	400	80	25.0%	2.5%	8	12	20	\$26.07	\$54,218	4	None	None
	Environmental Science and Protection													
19-4091	Technicians, Including Health	280	340	60	21.4%	2.1%	6	11	17	\$20.91	\$43,484	4	None	None
19-4092	Forensic Science Technicians	190	180	-10	-5.3%	-0.5%	0	8	8	\$36.71	\$76,354	3	None	MT OJT
	Life, Physical, and Social Science													
19-4099	Technicians, All Other	880	1,110	230	26.1%	2.6%	23	35	58	\$19.46	\$40,479	4	None	None
21-0000	Community and Social Service Occupations	16,300	18,940	2,640	16.2%	1.6%	270	376	646	\$21.81	\$45,375			
	Counselors, Social Workers, and Other													
21-1000	Community and Social Service Specialists	15,280	17,850	2,570	16.8%	1.7%	263	350	613	N/A	N/A			
21-1011	Substance Abuse and Behavioral Disorder Counselors	650	830	180	27.7%	2.8%	19	14	33	\$15.21	\$31,616	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
21-1012	Educational, Guidance, School, and Vocational Counselors	1,940	2,270	330	17.0%	1.7%	33	41	74	\$29.00	\$60,308	2	None	None
21-1013	Marriage and Family Therapists	600	720	120	20.0%	2.0%	12	13	25	\$25.29	\$52,609	2	None	I/R
21-1014	Mental Health Counselors	390	520	130	33.3%	3.3%	12	8	20	\$19.59	\$40,732	2	None	I/R
21-1015	Rehabilitation Counselors	1,240	1,670	430	34.7%	3.5%	43	26	69	\$13.60	\$28,288	2	None	None
21-1019	Counselors, All Other	260	280	20	7.7%	0.8%	1	6	7	\$22.53	\$46,863	2	None	None
21-1021	Child, Family, and School Social Workers	2,460	2,830	370	15.0%	1.5%	36	52	88	\$18.99	\$39,487	3	None	None
21-1022	Healthcare Social Workers	910	1,010	100	11.0%	1.1%	10	19	29	\$31.43	\$65,397	2	None	None
21-1023	Mental Health and Substance Abuse Social Workers	690	810	120	17.4%	1.7%	12	15	27	\$19.64	\$40,843	3	None	None
21-1029	Social Workers, All Other	840	860	20	2.4%	0.2%	1	18	19	\$31.97	\$66,500	3	None	None
21-1091	Health Educators	500	610	110	22.0%	2.2%	11	13	24	\$24.77	\$51,517	3	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	580	530	-50	-8.6%	-0.9%	0	15	15	\$42.24	\$87,857	3	None	ST OJT
21-1093	Social and Human Service Assistants	2,380	2,940	560	23.5%	2.4%	56	62	118	\$16.33	\$33,973	7	None	ST OJT
21-1094	Community Health Workers	310	370	60	19.4%	1.9%	6	8	14	\$18.17	\$37,788	7	None	ST OJT
21-1099	Community and Social Service Specialists, All Other	1,520	1,610	90	5.9%	0.6%	10	40	50	\$30.99	\$64,446	2	None	None
21-2000	Religious Workers	1,010	1,080	70	6.9%	0.7%	7	25	32	N/A	N/A			
21-2011	Clergy	560	600	40	7.1%	0.7%	4	12	16	\$26.25	\$54,602	3	None	MT OJT
21-2021	Directors, Religious Activities and Education	310	330	20	6.5%	0.6%	2	11	13	\$20.15	\$41,915	3	<5 years	None
21-2099	Religious Workers, All Other	140	150	10	7.1%	0.7%	1	3	4	\$20.18	\$41,976	3	None	None
23-0000	Legal Occupations	14,140	17,030	2,890	20.4%	2.0%	294	228	522	\$42.48	\$88,363			
23-1000	Lawyers, Judges, and Related Workers	8,370	9,890	1,520	18.2%	1.8%	157	134	291	N/A	N/A			
23-1011	Lawyers	7,850	9,380	1,530	19.5%	1.9%	153	126	279	\$70.36	\$146,365	1	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	180	130	-50	-27.8%	-2.8%	0	3	3	N/A	N/A	1	<5 years	ST OJT
23-1022	Arbitrators, Mediators, and Conciliators	200	240	40	20.0%	2.0%	4	3	7	\$29.72	\$61,816	3	<5 years	MT OJT
23-1023	Judges, Magistrate Judges, and Magistrates	120	130	10	8.3%	0.8%	0	2	2	N/A	N/A	1	≥5 years	ST OJT
23-2000	Legal Support Workers	5,770	7,140	1,370	23.7%	2.4%	137	94	231	N/A	N/A			
23-2011	Paralegals and Legal Assistants	3,690	4,720	1,030	27.9%	2.8%	103	60	163	\$23.52	\$48,927	4	None	None
23-2093	Title Examiners, Abstractors, and Searchers	1,310	1,570	260	19.8%	2.0%	26	21	47	\$30.55	\$63,546	7	None	ST OJT
23-2099	Legal Support Workers, All Other	700	770	70	10.0%	1.0%	7	11	18	\$23.19	\$48,228	7	None	ST OJT
25-0000	Education, Training, and Library Occupations	75,800	87,770	11,970	15.8%	1.6%	1,198	1,540	2,738	\$24.71	\$51,395			

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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
25-1000	Postsecondary Teachers	13,790	16,630	2,840	20.6%	2.1%	285	207	492	N/A	N/A			
25-1011	Business Teachers, Postsecondary	750	900	150	20.0%	2.0%	15	11	26	[6]	\$92,440	1	None	None
25-1021	Computer Science Teachers, Postsecondary	270	310	40	14.8%	1.5%	5	4	9	[6]	\$108,699	1	None	None
25-1022	Mathematical Science Teachers, Postsecondary	430	500	70	16.3%	1.6%	8	6	14	[6]	\$115,346	1	None	None
25-1032	Engineering Teachers, Postsecondary	180	210	30	16.7%	1.7%	3	3	6	[6]	\$108,152	1	None	None
25-1042	Biological Science Teachers, Postsecondary	330	400	70	21.2%	2.1%	7	5	12	[6]	\$82,667	1	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	140	160	20	14.3%	1.4%	2	2	4	[6]	\$135,540	1	None	None
25-1052	Chemistry Teachers, Postsecondary	140	170	30	21.4%	2.1%	3	2	5	[6]	\$95,344	1	None	None
25-1066	Psychology Teachers, Postsecondary	370	440	70	18.9%	1.9%	7	6	13	[6]	\$112,655	1	None	None
25-1069	Social Sciences Teachers, Postsecondary, All Other	160	200	40	25.0%	2.5%	3	2	5	N/A	N/A	1	None	None
25-1071	Health Specialties Teachers, Postsecondary	710	1,000	290	40.8%	4.1%	28	11	39	[6]	\$65,104	1	<5 years	None
25-1072	Nursing Instructors and Teachers, Postsecondary	350	490	140	40.0%	4.0%	14	5	19	[6]	\$90,640	2	<5 years	None
25-1081	Education Teachers, Postsecondary	170	200	30	17.6%	1.8%	3	3	6	[6]	\$85,399	1	None	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	170	200	30	17.6%	1.8%	3	2	5	[6]	\$67,967	1	None	None
25-1112	Law Teachers, Postsecondary	110	130	20	18.2%	1.8%	2	2	4	[6]	\$92,026	1	None	None
25-1122	Communications Teachers, Postsecondary	260	310	50	19.2%	1.9%	5	4	9	[6]	\$129,833	1	None	None
25-1123	English Language and Literature Teachers, Postsecondary	610	720	110	18.0%	1.8%	11	9	20	[6]	\$123,247	1	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	230	270	40	17.4%	1.7%	4	3	7	[6]	\$120,384	1	None	None
25-1125	History Teachers, Postsecondary	160	190	30	18.8%	1.9%	3	2	5	[6]	\$126,495	1	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	140	170	30	21.4%	2.1%	3	2	5	[6]	\$81,595	1	None	None
25-1191	Graduate Teaching Assistants	600	690	90	15.0%	1.5%	8	9	17	[6]	\$29,168	3	None	None
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	260	310	50	19.2%	1.9%	5	4	9	[6]	\$122,701	1	None	None
25-1194	Vocational Education Teachers, Postsecondary	1,810	2,170	360	19.9%	2.0%	37	27	64	\$34.21	\$71,154	3	<5 years	None
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	28,110	32,470	4,360	15.5%	1.6%	436	672	1,108	N/A	N/A			

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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
25-2011	Preschool Teachers, Except Special Education	4,370	5,020	650	14.9%	1.5%	64	123	187	\$15.09	\$31,404	4	None	None
25-2012	Kindergarten Teachers, Except Special Education	1,500	1,780	280	18.7%	1.9%	28	42	70	[6]	\$72,975	3	None	I/R
25-2021	Elementary School Teachers, Except Special Education	9,240	10,960	1,720	18.6%	1.9%	172	203	375	[6]	\$81,676	3	None	I/R
25-2022	Middle School Teachers, Except Special and Career/Technical Education	3,410	4,050	640	18.8%	1.9%	64	75	139	[6]	\$81,534	3	None	I/R
25-2023	Career/Technical Education Teachers, Middle School	280	310	30	10.7%	1.1%	3	6	9	N/A	N/A	3	<5 years	I/R
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	6,040	6,730	690	11.4%	1.1%	69	164	233	[6]	\$78,894	3	None	I/R
25-2032	Career/Technical Education Teachers, Secondary School	270	300	30	11.1%	1.1%	3	7	10	[6]	\$81,575	3	<5 years	I/R
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,050	1,160	110	10.5%	1.0%	12	18	30	[6]	\$76,202	3	None	I/R
25-2053	Special Education Teachers, Middle School	280	310	30	10.7%	1.1%	3	5	8	[6]	\$71,437	3	None	I/R
25-2054	Special Education Teachers, Secondary School	700	770	70	10.0%	1.0%	7	12	19	[6]	\$77,508	3	None	I/R
25-2059	Special Education Teachers, All Other	970	1,080	110	11.3%	1.1%	11	17	28	[6]	\$43,605	3	None	I/R
25-3000	Other Teachers and Instructors	16,280	18,650	2,370	14.6%	1.5%	237	278	515	N/A	N/A			
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	1,890	2,230	340	18.0%	1.8%	34	32	66	\$39.66	\$82,485	3	None	I/R
25-3021	Self-Enrichment Education Teachers	1,740	2,060	320	18.4%	1.8%	32	30	62	\$17.58	\$36,563	7	<5 years	None
25-3098	Substitute Teachers	8,240	9,080	840	10.2%	1.0%	84	141	225	\$16.81	\$34,965	N/A	N/A	N/A
25-3099	Teachers and Instructors, All Other	4,410	5,280	870	19.7%	2.0%	87	75	162	[6]	\$45,851	3	None	I/R
25-4000	Librarians, Curators, and Archivists	1,510	1,620	110	7.3%	0.7%	11	60	71	N/A	N/A			
25-4021	Librarians	600	650	50	8.3%	0.8%	5	13	18	\$35.66	\$74,179	2	None	None
25-4031	Library Technicians	810	880	70	8.6%	0.9%	6	44	50	\$21.24	\$44,182	5	None	None
25-9000	Other Education, Training, and Library Occupations	16,120	18,410	2,290	14.2%	1.4%	228	323	551	N/A	N/A			
25-9011	Audio-Visual and Multimedia Collections Specialists	160	160	0	0.0%	0.0%	0	1	1	\$21.22	\$44,131	3	<5 years	None
25-9031	Instructional Coordinators	1,650	1,940	290	17.6%	1.8%	28	14	42	\$32.06	\$66,692	2	≥5 years	None
25-9041	Teacher Assistants	13,120	15,010	1,890	14.4%	1.4%	188	298	486	[6]	\$32,618	6	None	None
25-9099	Education, Training, and Library Workers, All Other	1,160	1,260	100	8.6%	0.9%	10	10	20	\$17.16	\$35,683	3	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
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	26,110	30,970	4,860	18.6%	1.9%	492	612	1,104	\$24.16	\$50,262			
27-1000	Art and Design Workers	9,960	12,400	2,440	24.5%	2.4%	244	257	501	N/A	N/A			
27-1011	Art Directors	1,310	1,560	250	19.1%	1.9%	25	31	56	\$41.44	\$86,188	3	≥5 years	None
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	230	250	20	8.7%	0.9%	3	5	8	N/A	N/A	7	None	LT OJT
27-1014	Multimedia Artists and Animators	800	1,020	220	27.5%	2.8%	22	19	41	\$35.16	\$73,137	3	None	MT OJT
27-1021	Commercial and Industrial Designers	570	630	60	10.5%	1.1%	6	15	21	\$35.53	\$73,906	3	None	None
27-1022	Fashion Designers	700	1,080	380	54.3%	5.4%	38	18	56	\$29.31	\$60,966	3	None	None
27-1023	Floral Designers	320	360	40	12.5%	1.3%	4	8	12	\$15.13	\$31,454	7	None	MT OJT
27-1024	Graphic Designers	3,700	4,670	970	26.2%	2.6%	96	98	194	\$23.81	\$49,513	3	None	None
27-1025	Interior Designers	1,110	1,400	290	26.1%	2.6%	28	29	57	\$28.50	\$59,287	3	None	None
27-1026	Merchandise Displayers and Window Trimmers	790	930	140	17.7%	1.8%	14	21	35	\$15.32	\$31,859	7	None	MT OJT
27-1027	Set and Exhibit Designers	110	120	10	9.1%	0.9%	1	3	4	\$20.56	\$42,755	3	None	None
27-1029	Designers, All Other	260	320	60	23.1%	2.3%	6	7	13	\$42.54	\$88,485	3	None	None
27-2000	Entertainers and Performers, Sports and Related Workers	8,810	10,040	1,230	14.0%	1.4%	123	221	344	N/A	N/A			
27-2011	Actors	540	620	80	14.8%	1.5%	8	17	25	\$26.75	N/A	6	None	LT OJT
27-2012	Producers and Directors	650	760	110	16.9%	1.7%	11	22	33	\$37.88	\$78,782	3	<5 years	None
27-2022	Coaches and Scouts	3,120	3,700	580	18.6%	1.9%	58	92	150	[6]	\$34,783	3	None	None
27-2041	Music Directors and Composers	270	280	10	3.7%	0.4%	1	7	8	\$27.23	\$56,616	3	<5 years	None
27-2042	Musicians and Singers	1,670	1,740	70	4.2%	0.4%	7	45	52	N/A	N/A	7	None	LT OJT
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	2,230	2,570	340	15.2%	1.5%	34	28	62	\$13.69	N/A	7	None	None
27-3000	Media and Communication Workers	4,940	5,810	870	17.6%	1.8%	90	99	189	N/A	N/A			
27-3022	Reporters and Correspondents	240	210	-30	-12.5%	-1.3%	0	8	8	\$21.01	\$43,706	3	None	None
27-3031	Public Relations Specialists	1,410	1,690	280	19.9%	2.0%	28	19	47	\$29.27	\$60,875	3	None	None
27-3041	Editors	840	980	140	16.7%	1.7%	14	20	34	\$29.94	\$62,271	3	<5 years	None
27-3042	Technical Writers	630	700	70	11.1%	1.1%	7	19	26	\$36.39	\$75,686	3	<5 years	ST OJT
27-3043	Writers and Authors	810	960	150	18.5%	1.9%	15	18	33	\$32.11	\$66,783	3	None	MT OJT
27-3091	Interpreters and Translators	350	470	120	34.3%	3.4%	13	5	18	\$21.90	\$45,568	3	None	ST OJT
27-3099	Media and Communication Workers, All Other	590	700	110	18.6%	1.9%	12	8	20	\$22.79	\$47,399	7	None	ST OJT
27-4000	Media and Communication Equipment Workers	2,410	2,720	310	12.9%	1.3%	34	34	68	N/A	N/A			
27-4011	Audio and Video Equipment Technicians	920	1,150	230	25.0%	2.5%	23	17	40	\$26.55	\$55,209	5	None	ST OJT
27-4014	Sound Engineering Technicians	290	310	20	6.9%	0.7%	2	5	7	\$31.81	\$66,156	5	None	ST OJT
27-4021	Photographers	750	720	-30	-4.0%	-0.4%	0	8	8	\$21.21	\$44,111	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
27-4032	Film and Video Editors	230	280	50	21.7%	2.2%	5	2	7	\$15.17	\$31,555	3	None	None
27-4099	Media and Communication Equipment Workers, All Other	100	110	10	10.0%	1.0%	1	1	2	\$28.38	\$59,034	7	None	ST OJT
29-0000	Healthcare Practitioners and Technical Occupations	66,450	78,440	11,990	18.0%	1.8%	1,207	1,366	2,573	\$37.43	\$77,852			
29-1000	Health Diagnosing and Treating Practitioners	40,820	47,150	6,330	15.5%	1.6%	637	850	1,487	N/A	N/A			
29-1021	Dentists, General	1,490	1,590	100	6.7%	0.7%	11	36	47	\$63.32	\$131,715	1	None	None
29-1031	Dietitians and Nutritionists	420	510	90	21.4%	2.1%	9	5	14	\$35.30	\$73,430	3	None	I/R
29-1041	Optometrists	430	490	60	14.0%	1.4%	6	12	18	\$46.47	\$96,659	1	None	None
29-1051	Pharmacists	2,890	3,340	450	15.6%	1.6%	45	69	114	\$64.24	\$133,617	1	None	None
29-1067	Surgeons	630	700	70	11.1%	1.1%	8	16	24	\$82.58	\$171,749	1	None	I/R
29-1069	Physicians and Surgeons, All Other	2,140	2,430	290	13.6%	1.4%	29	54	83	N/A	N/A	1	None	I/R
29-1122	Occupational Therapists	1,390	1,730	340	24.5%	2.4%	33	19	52	\$44.80	\$93,179	2	None	None
29-1123	Physical Therapists	2,010	2,650	640	31.8%	3.2%	64	49	113	\$44.60	\$92,754	1	None	None
29-1126	Respiratory Therapists	1,410	1,690	280	19.9%	2.0%	27	20	47	\$35.17	\$73,137	4	None	None
29-1127	Speech-Language Pathologists	1,190	1,460	270	22.7%	2.3%	26	18	44	\$44.83	\$93,240	2	None	None
29-1129	Therapists, All Other	120	160	40	33.3%	3.3%	4	2	6	\$18.51	\$38,496	3	None	None
29-1131	Veterinarians	610	580	-30	-4.9%	-0.5%	0	20	20	\$64.23	\$133,597	1	None	None
29-1141	Registered Nurses	18,610	21,300	2,690	14.5%	1.4%	268	361	629	\$41.54	\$86,400	4	None	None
29-1171	Nurse Practitioners	740	930	190	25.7%	2.6%	19	14	33	\$49.25	\$102,446	2	None	None
29-2000	Health Technologists and Technicians	24,570	30,050	5,480	22.3%	2.2%	553	487	1,040	N/A	N/A			
29-2011	Medical and Clinical Laboratory Technologists	1,340	1,660	320	23.9%	2.4%	32	35	67	\$36.21	\$75,312	3	None	None
29-2012	Medical and Clinical Laboratory Technicians	1,580	2,150	570	36.1%	3.6%	58	41	99	\$17.99	\$37,413	4	None	None
29-2021	Dental Hygienists	2,240	2,760	520	23.2%	2.3%	52	57	109	\$48.84	\$101,566	4	None	None
29-2031	Cardiovascular Technologists and Technicians	250	320	70	28.0%	2.8%	6	4	10	\$31.76	\$66,065	4	None	None
29-2032	Diagnostic Medical Sonographers	370	530	160	43.2%	4.3%	16	5	21	\$35.64	\$74,149	4	None	None
29-2033	Nuclear Medicine Technologists	120	130	10	8.3%	0.8%	2	2	4	\$48.06	\$99,957	4	None	None
29-2034	Radiologic Technologists	1,250	1,460	210	16.8%	1.7%	21	18	39	\$31.43	\$65,377	4	None	None
29-2035	Magnetic Resonance Imaging Technologists	230	300	70	30.4%	3.0%	7	3	10	\$35.29	\$73,400	4	<5 years	None
29-2041	Emergency Medical Technicians and Paramedics	1,300	1,740	440	33.8%	3.4%	44	35	79	\$14.58	\$30,321	5	None	None
29-2051	Dietetic Technicians	120	150	30	25.0%	2.5%	3	1	4	\$14.81	\$30,797	4	None	None
29-2052	Pharmacy Technicians	3,180	3,870	690	21.7%	2.2%	68	32	100	\$18.10	\$37,646	7	None	MT OJT
29-2053	Psychiatric Technicians	460	410	-50	-10.9%	-1.1%	0	5	5	N/A	N/A	5	None	ST OJT
29-2054	Respiratory Therapy Technicians	100	100	0	0.0%	0.0%	0	1	1	\$24.38	\$50,727	4	None	MT OJT

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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
29-2055	Surgical Technologists	580	720	140	24.1%	2.4%	14	6	20	\$27.38	\$56,949	5	None	None
29-2056	Veterinary Technologists and Technicians	1,000	1,110	110	11.0%	1.1%	11	10	21	\$15.77	\$32,810	4	None	None
29-2057	Ophthalmic Medical Technicians	480	560	80	16.7%	1.7%	8	5	13	\$21.07	\$43,848	5	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	6,080	7,430	1,350	22.2%	2.2%	135	148	283	\$23.68	\$49,260	5	None	None
29-2071	Medical Records and Health Information Technicians	1,440	1,740	300	20.8%	2.1%	30	38	68	\$19.90	\$41,389	5	None	None
29-2081	Opticians, Dispensing	910	1,060	150	16.5%	1.6%	15	26	41	\$20.80	\$43,271	7	None	LT OJT
29-2091	Orthotists and Prosthetists	230	280	50	21.7%	2.2%	5	2	7	\$39.31	\$81,757	2	None	I/R
29-2099	Health Technologists and Technicians, All Other	1,260	1,530	270	21.4%	2.1%	26	12	38	\$19.62	\$40,792	7	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	1,070	1,240	170	15.9%	1.6%	17	29	46	N/A	N/A			
29-9011	Occupational Health and Safety Specialists	520	610	90	17.3%	1.7%	9	14	23	\$35.80	\$74,472	3	None	ST OJT
29-9091	Athletic Trainers	110	130	20	18.2%	1.8%	2	3	5	[6]	\$52,913	3	None	None
29-9099	Healthcare Practitioners and Technical Workers, All Other	330	360	30	9.1%	0.9%	3	9	12	\$31.80	\$66,146	3	None	None
31-0000	Healthcare Support Occupations	33,810	41,690	7,880	23.3%	2.3%	790	652	1,442	\$14.90	\$30,995			
31-1000	Nursing, Psychiatric, and Home Health Aides	12,730	16,230	3,500	27.5%	2.7%	350	242	592	N/A	N/A			
31-1011	Home Health Aides	3,770	5,130	1,360	36.1%	3.6%	136	72	208	\$9.89	\$20,556	8	None	ST OJT
31-1013	Psychiatric Aides	220	280	60	27.3%	2.7%	6	4	10	\$15.77	\$32,789	7	None	ST OJT
31-1014	Nursing Assistants	8,560	10,610	2,050	23.9%	2.4%	205	163	368	\$13.30	\$27,660	5	None	None
31-1015	Orderlies	190	210	20	10.5%	1.1%	3	4	7	\$16.32	\$33,958	7	None	ST OJT
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	2,590	3,640	1,050	40.5%	4.1%	104	59	163	N/A	N/A			
31-2011	Occupational Therapy Assistants	520	770	250	48.1%	4.8%	25	13	38	\$34.93	\$72,642	4	None	None
31-2012	Occupational Therapy Aides	150	210	60	40.0%	4.0%	6	4	10	\$13.14	\$27,328	7	None	ST OJT
31-2021	Physical Therapist Assistants	950	1,330	380	40.0%	4.0%	37	21	58	\$32.52	\$67,624	4	None	None
31-2022	Physical Therapist Aides	970	1,340	370	38.1%	3.8%	36	22	58	\$14.44	\$30,028	7	None	ST OJT
31-9000	Other Healthcare Support Occupations	18,490	21,820	3,330	18.0%	1.8%	336	350	686	N/A	N/A			
31-9011	Massage Therapists	1,260	1,580	320	25.4%	2.5%	32	13	45	\$25.91	\$53,879	5	None	None
31-9091	Dental Assistants	4,990	5,750	760	15.2%	1.5%	76	103	179	\$16.55	\$34,421	5	None	None
31-9092	Medical Assistants	7,560	9,010	1,450	19.2%	1.9%	145	144	289	\$16.56	\$34,442	5	None	None
31-9093	Medical Equipment Preparers	470	550	80	17.0%	1.7%	8	9	17	\$18.73	\$38,956	7	None	MT OJT
31-9094	Medical Transcriptionists	330	370	40	12.1%	1.2%	4	6	10	\$20.25	\$42,130	5	None	None
31-9095	Pharmacy Aides	1,180	1,350	170	14.4%	1.4%	17	22	39	\$14.12	\$29,353	7	None	ST OJT

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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	550	530	-20	-3.6%	-0.4%	0	10	10	\$11.86	\$24,667	7	None	ST OJT
31-9097	Phlebotomists	1,170	1,520	350	29.9%	3.0%	35	22	57	\$17.25	\$35,883	5	None	None
31-9099	Healthcare Support Workers, All Other	1,000	1,180	180	18.0%	1.8%	18	19	37	\$20.17	\$41,959	7	None	None
33-0000	Protective Service Occupations	22,770	25,270	2,500	11.0%	1.1%	312	634	946	\$19.94	\$41,485			
33-1000	Supervisors of Protective Service Workers	1,000	1,120	120	12.0%	1.2%	14	26	40	N/A	N/A			
33-1012	First-Line Supervisors of Police and Detectives	160	150	-10	-6.3%	-0.6%	0	5	5	\$64.72	\$134,622	7	<5 years	MT OJT
33-1099	First-Line Supervisors of Protective Service Workers, All Other	700	850	150	21.4%	2.1%	14	16	30	\$24.16	\$50,252	7	<5 years	None
33-2000	Fire Fighting and Prevention Workers	1,790	1,720	-70	-3.9%	-0.4%	0	49	49	N/A	N/A			
33-2011	Firefighters	1,720	1,640	-80	-4.7%	-0.5%	0	47	47	\$35.69	\$74,224	5	None	LT OJT
33-3000	Law Enforcement Workers	6,040	5,650	-390	-6.5%	-0.6%	0	178	178	N/A	N/A			
33-3012	Correctional Officers and Jailers	920	880	-40	-4.3%	-0.4%	0	24	24	\$25.36	\$52,761	7	None	MT OJT
33-3021	Detectives and Criminal Investigators	750	600	-150	-20.0%	-2.0%	0	17	17	\$47.96	\$99,768	7	<5 years	MT OJT
33-3041	Parking Enforcement Workers	100	80	-20	-20.0%	-2.0%	0	3	3	\$23.39	\$48,649	7	None	ST OJT
33-3051	Police and Sheriff's Patrol Officers	4,250	4,080	-170	-4.0%	-0.4%	0	133	133	\$43.06	\$89,560	7	None	MT OJT
33-9000	Other Protective Service Workers	13,950	16,790	2,840	20.4%	2.0%	298	382	680	N/A	N/A			
33-9011	Animal Control Workers	140	130	-10	-7.1%	-0.7%	0	3	3	\$24.31	\$50,584	7	None	MT OJT
33-9032	Security Guards	9,490	11,940	2,450	25.8%	2.6%	245	145	390	\$12.34	\$25,685	7	None	ST OJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1,390	1,470	80	5.8%	0.6%	7	95	102	\$13.96	\$29,030	7	None	ST OJT
33-9093	Transportation Security Screeners	380	250	-130	-34.2%	-3.4%	0	9	9	\$18.59	\$38,674	7	None	ST OJT
33-9099	Protective Service Workers, All Other	1,480	1,650	170	11.5%	1.1%	17	101	118	\$13.86	\$28,809	7	None	ST OJT
35-0000	Food Preparation and Serving Related Occupations	134,950	165,760	30,810	22.8%	2.3%	3,082	5,092	8,174	\$9.40	\$19,559			
35-1000	Supervisors of Food Preparation and Serving Workers	9,940	12,650	2,710	27.3%	2.7%	271	266	537	N/A	N/A			
35-1011	Chefs and Head Cooks	1,220	1,470	250	20.5%	2.0%	25	20	45	\$22.99	\$47,833	7	≥5 years	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,730	11,180	2,450	28.1%	2.8%	246	246	492	\$15.87	\$33,021	7	<5 years	None
35-2000	Cooks and Food Preparation Workers	38,560	47,000	8,440	21.9%	2.2%	844	837	1,681	N/A	N/A			
35-2011	Cooks, Fast Food	12,310	14,180	1,870	15.2%	1.5%	187	243	430	\$9.17	\$19,075	8	None	ST OJT
35-2012	Cooks, Institution and Cafeteria	2,020	2,560	540	26.7%	2.7%	54	40	94	\$13.73	\$28,567	8	None	ST OJT
35-2014	Cooks, Restaurant	13,440	17,690	4,250	31.6%	3.2%	425	265	690	\$10.82	\$22,501	8	<5 years	MT OJT
35-2015	Cooks, Short Order	2,100	2,360	260	12.4%	1.2%	26	41	67	\$11.47	\$23,861	8	None	ST OJT
35-2019	Cooks, All Other	150	230	80	53.3%	5.3%	7	3	10	\$13.53	\$28,154	8	None	MT OJT
35-2021	Food Preparation Workers	8,530	9,970	1,440	16.9%	1.7%	145	244	389	\$9.79	\$20,365	8	None	ST OJT

Employment Development Department		2012-2022 Occupational Employment Projections												
Labor Market Information Division		Anaheim-Santa Ana-Irvine Metropolitan Division												
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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
35-3000	Food and Beverage Serving Workers	67,990	83,920	15,930	23.4%	2.3%	1,592	3,016	4,608	N/A	N/A			
35-3011	Bartenders	4,310	5,060	750	17.4%	1.7%	76	159	235	\$9.56	\$19,881	8	None	ST OJT
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	25,600	33,520	7,920	30.9%	3.1%	791	978	1,769	\$9.11	\$18,934	8	None	ST OJT
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	6,990	7,930	940	13.4%	1.3%	94	426	520	\$10.23	\$21,272	8	None	ST OJT
35-3031	Waiters and Waitresses	28,810	34,600	5,790	20.1%	2.0%	578	1,386	1,964	\$9.12	\$18,964	8	None	ST OJT
35-3041	Food Servers, Nonrestaurant	2,280	2,810	530	23.2%	2.3%	53	67	120	\$10.79	\$22,440	8	None	ST OJT
35-9000	Other Food Preparation and Serving Related Workers	18,460	22,200	3,740	20.3%	2.0%	374	973	1,347	N/A	N/A			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	6,470	7,810	1,340	20.7%	2.1%	134	284	418	\$9.19	\$19,115	8	None	ST OJT
35-9021	Dishwashers	6,260	7,530	1,270	20.3%	2.0%	128	275	403	\$9.27	\$19,286	8	None	ST OJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	4,950	5,990	1,040	21.0%	2.1%	104	373	477	\$9.27	\$19,286	8	None	None
35-9099	Food Preparation and Serving Related Workers, All Other	780	870	90	11.5%	1.2%	10	42	52	\$9.32	\$19,387	8	None	ST OJT
37-0000	Building and Grounds Cleaning and Maintenance Occupations	62,960	75,560	12,600	20.0%	2.0%	1,260	1,319	2,579	\$10.93	\$22,733			
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	4,950	5,880	930	18.8%	1.9%	92	85	177	N/A	N/A			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,330	2,710	380	16.3%	1.6%	38	56	94	\$20.52	\$42,664	7	<5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	2,630	3,170	540	20.5%	2.1%	54	30	84	\$23.05	\$47,924	7	<5 years	None
37-2000	Building Cleaning and Pest Control Workers	38,870	46,160	7,290	18.8%	1.9%	729	751	1,480	N/A	N/A			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	25,260	30,920	5,660	22.4%	2.2%	566	475	1,041	\$10.60	\$22,037	8	None	ST OJT
37-2012	Maids and Housekeeping Cleaners	12,740	14,100	1,360	10.7%	1.1%	136	253	389	\$10.29	\$21,392	8	None	ST OJT
37-2021	Pest Control Workers	820	1,090	270	32.9%	3.3%	27	22	49	\$11.54	\$24,002	7	None	MT OJT
37-3000	Grounds Maintenance Workers	19,140	23,530	4,390	22.9%	2.3%	439	482	921	N/A	N/A			
37-3011	Landscaping and Groundskeeping Workers	17,970	21,980	4,010	22.3%	2.2%	402	453	855	\$11.02	\$22,924	8	None	ST OJT
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	130	170	40	30.8%	3.1%	4	3	7	\$16.06	\$33,404	7	None	MT OJT
37-3013	Tree Trimmers and Pruners	920	1,230	310	33.7%	3.4%	31	23	54	\$13.67	\$28,456	7	None	ST OJT
37-3019	Grounds Maintenance Workers, All Other	130	150	20	15.4%	1.5%	2	3	5	\$13.69	\$28,486	8	None	ST OJT

**2012-2022 Occupational Employment Projections
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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
39-0000	Personal Care and Service Occupations	53,700	67,690	13,990	26.1%	2.6%	1,402	1,194	2,596	\$11.13	\$23,166			
39-1000	Supervisors of Personal Care and Service Workers	2,020	2,240	220	10.9%	1.1%	22	37	59	N/A	N/A			
39-1021	First-Line Supervisors of Personal Service Workers	2,020	2,240	220	10.9%	1.1%	22	37	59	\$22.22	\$46,221	7	<5 years	None
39-2000	Animal Care and Service Workers	2,870	3,300	430	15.0%	1.5%	43	46	89	N/A	N/A			
39-2011	Animal Trainers	360	480	120	33.3%	3.3%	12	16	28	\$11.82	\$24,587	7	None	MT OJT
39-2021	Nonfarm Animal Caretakers	2,510	2,820	310	12.4%	1.2%	31	30	61	\$10.42	\$21,675	8	None	ST OJT
39-3000	Entertainment Attendants and Related Workers	10,710	12,160	1,450	13.5%	1.4%	147	539	686	N/A	N/A			
39-3031	Ushers, Lobby Attendants, and Ticket Takers	1,920	2,070	150	7.8%	0.8%	15	101	116	\$9.18	\$19,095	8	None	ST OJT
39-3091	Amusement and Recreation Attendants	6,870	7,930	1,060	15.4%	1.5%	106	345	451	\$10.66	\$22,178	8	None	ST OJT
39-3092	Costume Attendants	540	630	90	16.7%	1.7%	8	27	35	\$11.25	\$23,378	7	None	ST OJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	450	510	60	13.3%	1.3%	6	22	28	\$12.71	\$26,431	7	None	ST OJT
39-4000	Funeral Service Workers	320	320	0	0.0%	0.0%	1	7	8	N/A	N/A			
39-5000	Personal Appearance Workers	6,190	8,170	1,980	32.0%	3.2%	198	111	309	N/A	N/A			
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,960	5,130	1,170	29.5%	3.0%	117	93	210	\$11.86	\$24,677	5	None	None
39-5092	Manicurists and Pedicurists	1,840	2,470	630	34.2%	3.4%	63	15	78	\$9.01	\$18,732	5	None	None
39-5094	Skincare Specialists	320	480	160	50.0%	5.0%	17	3	20	\$17.06	\$35,479	5	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	790	910	120	15.2%	1.5%	12	20	32	N/A	N/A			
39-6011	Baggage Porters and Bellhops	460	500	40	8.7%	0.9%	4	11	15	\$10.64	\$22,138	7	None	ST OJT
39-6012	Concierges	330	420	90	27.3%	2.7%	8	8	16	\$13.97	\$29,041	7	None	MT OJT
39-7000	Tour and Travel Guides	210	220	10	4.8%	0.5%	1	10	11	N/A	N/A			
39-7011	Tour Guides and Escorts	170	180	10	5.9%	0.6%	1	8	9	\$18.46	\$38,402	7	None	MT OJT
39-9000	Other Personal Care and Service Workers	30,590	40,370	9,780	32.0%	3.2%	978	425	1,403	N/A	N/A			
39-9011	Childcare Workers	7,320	7,880	560	7.7%	0.8%	56	215	271	\$13.17	\$27,398	7	None	ST OJT
39-9021	Personal Care Aides	16,960	25,370	8,410	49.6%	5.0%	841	121	962	\$10.46	\$21,755	8	None	ST OJT
39-9031	Fitness Trainers and Aerobics Instructors	2,440	2,920	480	19.7%	2.0%	48	29	77	\$19.33	\$40,195	7	None	ST OJT
39-9032	Recreation Workers	3,200	3,390	190	5.9%	0.6%	18	38	56	\$11.61	\$24,153	3	None	None
39-9041	Residential Advisors	230	270	40	17.4%	1.7%	4	10	14	\$12.06	\$25,101	7	None	ST OJT
39-9099	Personal Care and Service Workers, All Other	430	530	100	23.3%	2.3%	10	12	22	N/A	N/A	7	None	ST OJT

Employment Development Department		2012-2022 Occupational Employment Projections												
Labor Market Information Division		Anaheim-Santa Ana-Irvine Metropolitan Division												
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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
41-0000	Sales and Related Occupations	171,470	199,000	27,530	16.1%	1.6%	2,764	4,923	7,687	\$14.53	\$30,215			
41-1000	Supervisors of Sales Workers	19,360	21,390	2,030	10.5%	1.0%	203	375	578	N/A	N/A			
41-1011	First-Line Supervisors of Retail Sales Workers	14,220	15,940	1,720	12.1%	1.2%	172	309	481	\$19.82	\$41,241	7	<5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	5,150	5,460	310	6.0%	0.6%	31	66	97	\$29.34	\$61,026	7	<5 years	None
41-2000	Retail Sales Workers	88,800	102,140	13,340	15.0%	1.5%	1,334	3,236	4,570	N/A	N/A			
41-2011	Cashiers	31,070	34,690	3,620	11.7%	1.2%	362	1,343	1,705	\$9.92	\$20,631	8	None	ST OJT
41-2021	Counter and Rental Clerks	7,550	8,810	1,260	16.7%	1.7%	125	193	318	\$13.91	\$28,935	8	None	ST OJT
41-2022	Parts Salespersons	1,800	2,210	410	22.8%	2.3%	42	46	88	\$15.59	\$32,433	8	None	MT OJT
41-2031	Retail Salespersons	48,380	56,430	8,050	16.6%	1.7%	805	1,655	2,460	\$10.76	\$22,394	8	None	ST OJT
41-3000	Sales Representatives, Services	25,080	29,980	4,900	19.5%	2.0%	502	643	1,145	N/A	N/A			
41-3011	Advertising Sales Agents	1,770	2,220	450	25.4%	2.5%	45	54	99	\$26.08	\$54,263	7	None	MT OJT
41-3021	Insurance Sales Agents	4,200	4,870	670	16.0%	1.6%	66	99	165	\$30.36	\$63,132	7	None	MT OJT
41-3031	Securities, Commodities, and Financial Services Sales Agents	4,650	5,500	850	18.3%	1.8%	85	109	194	\$29.01	\$60,340	3	None	MT OJT
41-3041	Travel Agents	1,110	1,000	-110	-9.9%	-1.0%	0	17	17	\$25.48	\$52,983	7	None	MT OJT
41-3099	Sales Representatives, Services, All Other	13,350	16,400	3,050	22.8%	2.3%	306	364	670	\$27.55	\$57,317	7	None	ST OJT
41-4000	Sales Representatives, Wholesale and Manufacturing	23,590	27,700	4,110	17.4%	1.7%	411	460	871	N/A	N/A			
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	7,500	8,550	1,050	14.0%	1.4%	105	146	251	\$36.23	\$75,367	3	None	MT OJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	16,090	19,150	3,060	19.0%	1.9%	306	314	620	\$26.75	\$55,644	7	None	MT OJT
41-9000	Other Sales and Related Workers	14,650	17,780	3,130	21.4%	2.1%	313	209	522	N/A	N/A			
41-9011	Demonstrators and Product Promoters	1,160	1,580	420	36.2%	3.6%	41	33	74	\$12.75	\$26,527	7	None	ST OJT
41-9021	Real Estate Brokers	2,020	2,640	620	30.7%	3.1%	62	19	81	\$49.30	\$102,559	7	<5 years	None
41-9022	Real Estate Sales Agents	5,460	6,570	1,110	20.3%	2.0%	111	51	162	\$18.20	\$37,865	7	None	LT OJT
41-9031	Sales Engineers	1,210	1,350	140	11.6%	1.2%	14	21	35	\$46.41	\$96,532	3	None	MT OJT
41-9041	Telemarketers	2,030	2,270	240	11.8%	1.2%	24	42	66	\$11.61	\$24,138	8	None	ST OJT
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	1,260	1,490	230	18.3%	1.8%	23	13	36	N/A	N/A	7	None	ST OJT
41-9099	Sales and Related Workers, All Other	1,480	1,860	380	25.7%	2.6%	38	29	67	\$18.75	\$38,984	7	None	None
43-0000	Office and Administrative Support Occupations	252,030	287,310	35,280	14.0%	1.4%	3,765	5,477	9,242	\$17.85	\$37,121			

**2012-2022 Occupational Employment Projections
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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
43-1000	Supervisors of Office and Administrative Support Workers	17,190	20,470	3,280	19.1%	1.9%	328	408	736	N/A	N/A			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	17,190	20,470	3,280	19.1%	1.9%	328	408	736	\$27.88	\$57,990	7	<5 years	None
43-2000	Communications Equipment Operators	1,930	1,760	-170	-8.8%	-0.9%	0	36	36	N/A	N/A			
43-2011	Switchboard Operators, Including Answering Service	1,880	1,700	-180	-9.6%	-1.0%	0	34	34	\$13.23	\$27,522	7	None	ST OJT
43-3000	Financial Clerks	37,940	45,440	7,500	19.8%	2.0%	750	745	1,495	N/A	N/A			
43-3011	Bill and Account Collectors	4,550	5,890	1,340	29.5%	2.9%	134	128	262	\$18.89	\$39,298	7	None	MT OJT
43-3021	Billing and Posting Clerks	6,350	7,730	1,380	21.7%	2.2%	138	117	255	\$18.37	\$38,215	7	None	ST OJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	18,170	21,580	3,410	18.8%	1.9%	341	167	508	\$20.24	\$42,093	7	None	MT OJT
43-3051	Payroll and Timekeeping Clerks	2,180	2,620	440	20.2%	2.0%	43	48	91	\$22.72	\$47,257	7	None	MT OJT
43-3061	Procurement Clerks	610	680	70	11.5%	1.1%	7	22	29	\$19.89	\$41,374	7	None	MT OJT
43-3071	Tellers	4,970	5,380	410	8.2%	0.8%	41	232	273	\$13.25	\$27,572	7	None	ST OJT
43-3099	Financial Clerks, All Other	1,120	1,580	460	41.1%	4.1%	46	31	77	\$17.51	\$36,412	7	None	ST OJT
43-4000	Information and Record Clerks	58,670	68,160	9,490	16.2%	1.6%	953	1,512	2,465	N/A	N/A			
43-4011	Brokerage Clerks	290	300	10	3.4%	0.3%	0	8	8	\$23.31	\$48,482	7	None	MT OJT
43-4031	Court, Municipal, and License Clerks	360	380	20	5.6%	0.6%	2	6	8	\$19.01	\$39,531	7	None	MT OJT
43-4041	Credit Authorizers, Checkers, and Clerks	840	950	110	13.1%	1.3%	10	10	20	\$23.54	\$48,968	7	None	ST OJT
43-4051	Customer Service Representatives	25,490	30,970	5,480	21.5%	2.1%	549	694	1,243	\$18.04	\$37,526	7	None	ST OJT
43-4061	Eligibility Interviewers, Government Programs	1,830	1,830	0	0.0%	0.0%	0	37	37	\$22.10	\$45,971	7	None	MT OJT
43-4071	File Clerks	2,610	2,630	20	0.8%	0.1%	2	60	62	\$14.61	\$30,387	7	None	ST OJT
43-4081	Hotel, Motel, and Resort Desk Clerks	2,540	2,910	370	14.6%	1.5%	36	120	156	\$11.91	\$24,757	7	None	ST OJT
43-4111	Interviewers, Except Eligibility and Loan	1,860	2,020	160	8.6%	0.9%	17	35	52	\$19.61	\$40,786	7	None	ST OJT
43-4121	Library Assistants, Clerical	720	790	70	9.7%	1.0%	7	31	38	\$16.45	\$34,225	7	None	ST OJT
43-4131	Loan Interviewers and Clerks	3,000	4,370	1,370	45.7%	4.6%	137	20	157	\$22.10	\$45,971	7	None	ST OJT
43-4141	New Accounts Clerks	670	650	-20	-3.0%	-0.3%	0	17	17	\$18.13	\$37,698	7	None	MT OJT
43-4151	Order Clerks	3,360	3,660	300	8.9%	0.9%	31	88	119	\$16.49	\$34,316	7	None	ST OJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,510	1,610	100	6.6%	0.7%	10	38	48	\$21.68	\$45,090	7	None	ST OJT
43-4171	Receptionists and Information Clerks	11,440	12,890	1,450	12.7%	1.3%	144	308	452	\$13.51	\$28,089	7	None	ST OJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	760	830	70	9.2%	0.9%	7	10	17	\$19.11	\$39,733	7	None	ST OJT
43-4199	Information and Record Clerks, All Other	1,360	1,350	-10	-0.7%	-0.1%	0	29	29	\$19.99	\$41,586	7	None	ST OJT

Employment Development Department		2012-2022 Occupational Employment Projections												
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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
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	44,190	47,480	3,290	7.4%	0.7%	444	1,203	1,647	N/A	N/A			
43-5011	Cargo and Freight Agents	420	530	110	26.2%	2.6%	11	11	22	\$22.22	\$46,214	7	None	ST OJT
43-5021	Couriers and Messengers	1,180	1,270	90	7.6%	0.8%	8	15	23	\$11.02	\$22,915	7	None	ST OJT
43-5031	Police, Fire, and Ambulance Dispatchers	560	600	40	7.1%	0.7%	4	16	20	\$31.87	\$66,283	7	None	MT OJT
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,600	1,810	210	13.1%	1.3%	21	46	67	\$17.84	\$37,121	7	None	MT OJT
43-5041	Meter Readers, Utilities	250	240	-10	-4.0%	-0.4%	0	6	6	\$22.04	\$45,849	7	None	ST OJT
43-5051	Postal Service Clerks	620	450	-170	-27.4%	-2.7%	0	9	9	\$26.21	\$54,517	7	None	ST OJT
43-5052	Postal Service Mail Carriers	2,870	2,220	-650	-22.6%	-2.3%	0	100	100	\$27.50	\$57,210	7	None	ST OJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,280	950	-330	-25.8%	-2.6%	0	9	9	\$26.21	\$54,507	7	None	ST OJT
43-5061	Production, Planning, and Expediting Clerks	4,980	5,640	660	13.3%	1.3%	66	124	190	\$23.92	\$49,758	7	None	MT OJT
43-5071	Shipping, Receiving, and Traffic Clerks	10,780	12,070	1,290	12.0%	1.2%	129	283	412	\$15.03	\$31,268	7	None	ST OJT
43-5081	Stock Clerks and Order Fillers	18,190	19,730	1,540	8.5%	0.8%	154	549	703	\$11.55	\$24,028	8	None	ST OJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1,460	1,970	510	34.9%	3.5%	51	32	83	\$14.05	\$29,243	7	None	ST OJT
43-6000	Secretaries and Administrative Assistants	40,340	47,400	7,060	17.5%	1.8%	706	485	1,191	N/A	N/A			
43-6011	Executive Secretaries and Executive Administrative Assistants	11,190	11,830	640	5.7%	0.6%	65	135	200	\$27.67	\$57,565	7	<5 years	None
43-6012	Legal Secretaries	3,440	3,620	180	5.2%	0.5%	18	41	59	\$25.27	\$52,573	7	None	MT OJT
43-6013	Medical Secretaries	6,530	8,300	1,770	27.1%	2.7%	178	78	256	\$18.37	\$38,204	7	None	MT OJT
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	19,190	23,650	4,460	23.2%	2.3%	446	231	677	\$18.40	\$38,265	7	None	ST OJT
43-9000	Other Office and Administrative Support Workers	51,770	56,590	4,820	9.3%	0.9%	582	1,089	1,671	N/A	N/A			
43-9011	Computer Operators	1,080	1,040	-40	-3.7%	-0.4%	0	10	10	\$21.89	\$45,525	7	None	MT OJT
43-9021	Data Entry Keyers	3,340	2,710	-630	-18.9%	-1.9%	0	40	40	\$15.29	\$31,795	7	None	MT OJT
43-9022	Word Processors and Typists	1,170	880	-290	-24.8%	-2.5%	0	4	4	\$20.94	\$43,551	7	None	ST OJT
43-9031	Desktop Publishers	130	130	0	0.0%	0.0%	0	2	2	\$25.93	\$53,930	4	None	ST OJT
43-9041	Insurance Claims and Policy Processing Clerks	3,520	4,180	660	18.8%	1.9%	66	93	159	\$18.99	\$39,490	7	None	MT OJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	910	960	50	5.5%	0.5%	5	21	26	\$14.58	\$30,327	7	None	ST OJT
43-9061	Office Clerks, General	34,770	38,900	4,130	11.9%	1.2%	413	730	1,143	\$15.98	\$33,233	7	None	ST OJT

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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
43-9071	Office Machine Operators, Except Computer	980	940	-40	-4.1%	-0.4%	0	23	23	\$15.18	\$31,562	7	None	ST OJT
43-9111	Statistical Assistants	130	160	30	23.1%	2.3%	3	4	7	\$23.39	\$48,654	3	None	None
43-9199	Office and Administrative Support Workers, All Other	5,680	6,620	940	16.5%	1.7%	94	159	253	\$11.33	\$23,563	7	None	ST OJT
45-0000	Farming, Fishing, and Forestry Occupations	2,720	3,270	550	20.2%	2.0%	56	78	134	\$9.31	\$19,368			
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	130	160	30	23.1%	2.3%	3	3	6	N/A	N/A			
45-2000	Agricultural Workers	2,450	2,910	460	18.8%	1.9%	47	73	120	N/A	N/A			
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,760	2,110	350	19.9%	2.0%	35	53	88	\$8.92	\$18,539	8	None	ST OJT
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	230	240	10	4.3%	0.4%	2	7	9	\$15.92	\$33,111	8	None	ST OJT
45-4000	Forest, Conservation, and Logging Workers	150	210	60	40.0%	4.0%	6	2	8	N/A	N/A			
47-0000	Construction and Extraction Occupations	68,190	88,400	20,210	29.6%	3.0%	2,022	1,091	3,113	\$24.13	\$50,202			
47-1000	Supervisors of Construction and Extraction Workers	5,930	7,720	1,790	30.2%	3.0%	179	64	243	N/A	N/A			
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	5,930	7,720	1,790	30.2%	3.0%	179	64	243	\$36.21	\$75,318	7	≥5 years	None
47-2000	Construction Trades Workers	57,120	74,360	17,240	30.2%	3.0%	1,724	927	2,651	N/A	N/A			
47-2021	Brickmasons and Blockmasons	510	760	250	49.0%	4.9%	24	6	30	\$23.60	\$49,069	7	None	APP
47-2031	Carpenters	11,260	14,610	3,350	29.8%	3.0%	336	139	475	\$25.87	\$53,794	7	None	APP
47-2041	Carpet Installers	1,320	1,760	440	33.3%	3.3%	44	24	68	\$15.76	\$32,766	8	None	ST OJT
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	440	640	200	45.5%	4.5%	19	8	27	\$15.56	\$32,372	7	None	MT OJT
47-2044	Tile and Marble Setters	910	1,270	360	39.6%	4.0%	36	16	52	\$19.16	\$39,840	8	None	LT OJT
47-2051	Cement Masons and Concrete Finishers	2,160	2,880	720	33.3%	3.3%	72	25	97	\$26.07	\$54,209	8	None	MT OJT
47-2061	Construction Laborers	12,170	15,530	3,360	27.6%	2.8%	336	261	597	\$17.11	\$35,590	8	None	ST OJT
47-2071	Paving, Surfacing, and Tamping Equipment Operators	480	540	60	12.5%	1.3%	6	7	13	\$24.59	\$51,153	7	None	MT OJT
47-2073	Operating Engineers and Other Construction Equipment Operators	2,400	2,850	450	18.8%	1.9%	46	53	99	\$33.03	\$68,700	7	None	MT OJT
47-2081	Drywall and Ceiling Tile Installers	3,940	5,510	1,570	39.8%	4.0%	156	37	193	\$27.75	\$57,711	8	None	MT OJT
47-2082	Tapers	670	950	280	41.8%	4.2%	28	6	34	\$19.50	\$40,568	8	None	MT OJT
47-2111	Electricians	5,500	6,950	1,450	26.4%	2.6%	146	104	250	\$27.91	\$58,055	7	None	APP
47-2121	Glaziers	480	610	130	27.1%	2.7%	13	11	24	\$26.06	\$54,199	7	None	APP

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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
47-2132	Insulation Workers, Mechanical	300	480	180	60.0%	6.0%	18	4	22	\$20.61	\$42,866	7	None	APP
47-2141	Painters, Construction and Maintenance	4,970	7,110	2,140	43.1%	4.3%	214	75	289	\$17.92	\$37,280	8	None	MT OJT
47-2151	Pipelayers	320	370	50	15.6%	1.6%	5	4	9	\$30.28	\$62,983	8	None	ST OJT
47-2152	Plumbers, Pipefitters, and Steamfitters	3,590	4,560	970	27.0%	2.7%	97	45	142	\$26.63	\$55,403	7	None	APP
47-2161	Plasterers and Stucco Masons	870	1,120	250	28.7%	2.9%	25	4	29	\$24.91	\$51,811	8	None	LT OJT
47-2181	Roofers	2,000	2,340	340	17.0%	1.7%	34	42	76	\$22.95	\$47,743	8	None	MT OJT
47-2211	Sheet Metal Workers	1,560	1,870	310	19.9%	2.0%	32	29	61	\$23.13	\$48,107	7	None	APP
47-2221	Structural Iron and Steel Workers	460	590	130	28.3%	2.8%	13	15	28	\$34.25	\$71,240	7	None	APP
47-3000	Helpers, Construction Trades	2,110	2,900	790	37.4%	3.7%	79	33	112	N/A	N/A			
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	390	610	220	56.4%	5.6%	22	6	28	\$12.84	\$26,715	8	None	ST OJT
47-3012	Helpers--Carpenters	190	260	70	36.8%	3.7%	8	3	11	\$14.74	\$30,672	8	None	ST OJT
47-3013	Helpers--Electricians	330	470	140	42.4%	4.2%	14	5	19	\$16.05	\$33,384	7	None	ST OJT
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	640	840	200	31.3%	3.1%	20	10	30	\$12.06	\$25,086	8	None	ST OJT
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	310	410	100	32.3%	3.2%	10	5	15	\$14.46	\$30,085	7	None	ST OJT
47-3019	Helpers, Construction Trades, All Other	210	270	60	28.6%	2.9%	6	3	9	\$10.55	\$21,949	8	None	ST OJT
47-4000	Other Construction and Related Workers	2,430	2,740	310	12.8%	1.3%	31	50	81	N/A	N/A			
47-4011	Construction and Building Inspectors	840	910	70	8.3%	0.8%	7	20	27	\$36.31	\$75,511	7	≥5 years	MT OJT
47-4041	Hazardous Materials Removal Workers	540	540	0	0.0%	0.0%	0	12	12	\$17.23	\$35,833	7	None	MT OJT
47-4051	Highway Maintenance Workers	240	240	0	0.0%	0.0%	0	4	4	\$24.80	\$51,588	7	None	MT OJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	100	110	10	10.0%	1.0%	1	2	3	\$24.99	\$51,993	8	None	MT OJT
47-4099	Construction and Related Workers, All Other	200	270	70	35.0%	3.5%	8	4	12	\$20.53	\$42,704	7	None	MT OJT
47-5000	Extraction Workers	610	690	80	13.1%	1.3%	8	17	25	N/A	N/A			
49-0000	Installation, Maintenance, and Repair Occupations	44,770	53,230	8,460	18.9%	1.9%	857	1,009	1,866	\$22.06	\$45,882			
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	3,800	4,420	620	16.3%	1.6%	62	103	165	N/A	N/A			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	3,800	4,420	620	16.3%	1.6%	62	103	165	\$32.48	\$67,551	7	<5 years	None
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	7,030	8,500	1,470	20.9%	2.1%	155	130	285	N/A	N/A			

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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,930	1,910	-20	-1.0%	-0.1%	0	40	40	\$22.26	\$46,289	6	None	None
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,990	2,870	880	44.2%	4.4%	89	27	116	\$31.52	\$65,566	5	None	MT OJT
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1,170	1,390	220	18.8%	1.9%	22	24	46	\$29.38	\$61,129	5	None	LT OJT
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	210	190	-20	-9.5%	-1.0%	0	2	2	\$15.46	\$32,162	5	None	ST OJT
49-2098	Security and Fire Alarm Systems Installers	1,090	1,440	350	32.1%	3.2%	35	22	57	\$21.71	\$45,149	7	None	MT OJT
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	10,310	12,150	1,840	17.8%	1.8%	184	258	442	N/A	N/A			
49-3021	Automotive Body and Related Repairers	1,220	1,470	250	20.5%	2.0%	25	23	48	\$25.39	\$52,824	7	None	MT OJT
49-3023	Automotive Service Technicians and Mechanics	5,740	6,950	1,210	21.1%	2.1%	121	145	266	\$22.08	\$45,923	7	None	LT OJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,200	1,260	60	5.0%	0.5%	7	26	33	\$25.82	\$53,719	7	None	LT OJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	470	510	40	8.5%	0.9%	4	14	18	\$26.88	\$55,918	7	None	LT OJT
49-3052	Motorcycle Mechanics	100	110	10	10.0%	1.0%	1	2	3	\$24.13	\$50,188	7	None	LT OJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	160	160	0	0.0%	0.0%	1	3	4	\$16.37	\$34,045	7	None	MT OJT
49-3093	Tire Repairers and Changers	720	880	160	22.2%	2.2%	16	25	41	\$12.64	\$26,300	7	None	ST OJT
49-9000	Other Installation, Maintenance, and Repair Occupations	23,650	28,160	4,510	19.1%	1.9%	455	519	974	N/A	N/A			
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	220	250	30	13.6%	1.4%	4	7	11	\$33.32	\$69,312	7	None	MT OJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,960	2,420	460	23.5%	2.3%	46	50	96	\$26.94	\$56,030	5	None	LT OJT
49-9031	Home Appliance Repairers	210	230	20	9.5%	1.0%	1	7	8	\$15.66	\$32,580	7	None	MT OJT
49-9041	Industrial Machinery Mechanics	1,520	1,850	330	21.7%	2.2%	33	44	77	\$26.56	\$55,246	7	None	LT OJT
49-9043	Maintenance Workers, Machinery	590	720	130	22.0%	2.2%	13	8	21	\$21.13	\$43,938	7	None	MT OJT
49-9051	Electrical Power-Line Installers and Repairers	200	260	60	30.0%	3.0%	6	7	13	\$47.49	\$98,767	7	None	LT OJT
49-9052	Telecommunications Line Installers and Repairers	1,280	1,770	490	38.3%	3.8%	49	31	80	\$31.73	\$66,004	7	None	LT OJT
49-9062	Medical Equipment Repairers	560	720	160	28.6%	2.9%	15	16	31	\$25.57	\$53,170	4	None	MT OJT

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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
49-9071	Maintenance and Repair Workers, General	11,590	13,340	1,750	15.1%	1.5%	175	223	398	\$17.91	\$37,251	7	None	LT OJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	150	130	-20	-13.3%	-1.3%	0	2	2	\$20.00	\$41,597	7	None	ST OJT
49-9094	Locksmiths and Safe Repairers	400	470	70	17.5%	1.8%	8	13	21	\$18.12	\$37,679	7	None	LT OJT
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,710	2,080	370	21.6%	2.2%	37	52	89	\$13.30	\$27,674	7	None	MT OJT
49-9099	Installation, Maintenance, and Repair Workers, All Other	2,480	2,940	460	18.5%	1.9%	46	42	88	\$18.86	\$39,236	7	None	MT OJT
51-0000	Production Occupations	105,600	110,030	4,430	4.2%	0.4%	802	2,027	2,829	\$14.10	\$29,325			
51-1000	Supervisors of Production Workers	6,570	6,640	70	1.1%	0.1%	7	92	99	N/A	N/A			
51-1011	First-Line Supervisors of Production and Operating Workers	6,570	6,640	70	1.1%	0.1%	7	92	99	\$25.79	\$53,638	5	<5 years	None
51-2000	Assemblers and Fabricators	23,530	23,410	-120	-0.5%	-0.1%	54	376	430	N/A	N/A			
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	340	360	20	5.9%	0.6%	2	5	7	\$32.09	\$66,750	7	None	MT OJT
51-2021	Coil Winders, Tapers, and Finishers	110	90	-20	-18.2%	-1.8%	0	1	1	\$11.42	\$23,754	7	None	ST OJT
51-2022	Electrical and Electronic Equipment Assemblers	4,780	4,640	-140	-2.9%	-0.3%	0	58	58	\$11.05	\$22,982	7	None	ST OJT
51-2023	Electromechanical Equipment Assemblers	1,200	1,100	-100	-8.3%	-0.8%	0	14	14	\$13.56	\$28,196	7	None	ST OJT
51-2041	Structural Metal Fabricators and Fitters	1,100	1,110	10	0.9%	0.1%	0	44	44	\$17.42	\$36,226	7	None	MT OJT
51-2091	Fiberglass Laminators and Fabricators	160	130	-30	-18.8%	-1.9%	0	2	2	\$16.10	\$33,492	7	None	MT OJT
51-2092	Team Assemblers	12,650	12,300	-350	-2.8%	-0.3%	0	200	200	\$12.43	\$25,858	7	None	MT OJT
51-2099	Assemblers and Fabricators, All Other	3,120	3,630	510	16.3%	1.6%	51	49	100	\$13.52	\$28,105	7	None	MT OJT
51-3000	Food Processing Workers	6,230	7,290	1,060	17.0%	1.7%	105	160	265	N/A	N/A			
51-3011	Bakers	2,220	2,760	540	24.3%	2.4%	54	54	108	\$10.91	\$22,677	8	None	LT OJT
51-3021	Butchers and Meat Cutters	1,950	2,240	290	14.9%	1.5%	30	48	78	\$10.69	\$22,240	8	None	LT OJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	500	570	70	14.0%	1.4%	6	12	18	\$9.44	\$19,648	8	None	ST OJT
51-3092	Food Batchmakers	860	880	20	2.3%	0.2%	2	28	30	\$10.25	\$21,305	7	None	MT OJT
51-4000	Metal Workers and Plastic Workers	23,410	23,670	260	1.1%	0.1%	177	456	633	N/A	N/A			
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,770	2,050	280	15.8%	1.6%	28	49	77	\$17.50	\$36,399	7	None	MT OJT
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	470	650	180	38.3%	3.8%	18	13	31	\$24.57	\$51,087	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
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	750	610	-140	-18.7%	-1.9%	0	14	14	\$13.32	\$27,688	7	None	MT OJT
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	270	250	-20	-7.4%	-0.7%	0	5	5	\$14.48	\$30,117	7	None	MT OJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-6.7%	-0.7%	0	3	3	\$14.98	\$31,164	7	None	MT OJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,860	1,780	-80	-4.3%	-0.4%	0	16	16	\$14.97	\$31,134	7	None	MT OJT
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	410	320	-90	-22.0%	-2.2%	0	8	8	\$15.45	\$32,140	7	None	MT OJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,430	1,260	-170	-11.9%	-1.2%	0	32	32	\$12.69	\$26,377	7	None	MT OJT
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,100	1,010	-90	-8.2%	-0.8%	0	21	21	\$14.24	\$29,630	7	None	MT OJT
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	680	640	-40	-5.9%	-0.6%	0	13	13	\$14.40	\$29,965	7	None	MT OJT
51-4041	Machinists	5,950	6,880	930	15.6%	1.6%	93	136	229	\$18.12	\$37,690	7	None	LT OJT
51-4061	Model Makers, Metal and Plastic	180	230	50	27.8%	2.8%	4	4	8	\$20.77	\$43,199	7	None	MT OJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	2,560	1,860	-700	-27.3%	-2.7%	0	31	31	\$11.73	\$24,405	7	None	MT OJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	610	-110	-15.3%	-1.5%	0	14	14	\$16.12	\$33,533	7	None	MT OJT
51-4111	Tool and Die Makers	800	830	30	3.8%	0.4%	3	5	8	\$25.01	\$52,022	7	None	LT OJT
51-4121	Welders, Cutters, Solderers, and Brazers	1,950	1,990	40	2.1%	0.2%	3	48	51	\$18.46	\$38,401	7	None	MT OJT
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	480	560	80	16.7%	1.7%	8	12	20	\$16.10	\$33,492	7	None	MT OJT
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	210	220	10	4.8%	0.5%	2	4	6	\$15.26	\$31,723	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
51-4192	Layout Workers, Metal and Plastic	170	190	20	11.8%	1.2%	3	3	6	\$12.34	\$25,655	7	None	MT OJT
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	760	720	-40	-5.3%	-0.5%	0	15	15	\$12.74	\$26,479	7	None	MT OJT
51-4194	Tool Grinders, Filers, and Sharpeners	140	160	20	14.3%	1.4%	2	3	5	\$11.70	\$24,334	7	None	MT OJT
51-5100	Printing Workers	3,810	4,220	410	10.8%	1.1%	41	74	115	N/A	N/A			
51-5111	Prepress Technicians and Workers	940	980	40	4.3%	0.4%	4	24	28	\$20.41	\$42,447	5	None	None
51-5112	Printing Press Operators	2,310	2,580	270	11.7%	1.2%	27	41	68	\$15.07	\$31,347	7	None	MT OJT
51-5113	Print Binding and Finishing Workers	560	650	90	16.1%	1.6%	9	10	19	\$11.90	\$24,751	7	None	ST OJT
51-6000	Textile, Apparel, and Furnishings Workers	8,860	10,480	1,620	18.3%	1.8%	189	121	310	N/A	N/A			
51-6011	Laundry and Dry-Cleaning Workers	1,750	1,970	220	12.6%	1.3%	22	52	74	\$10.89	\$22,636	8	None	ST OJT
51-6021	Pressers, Textile, Garment, and Related Materials	690	760	70	10.1%	1.0%	7	7	14	\$9.70	\$20,177	8	None	ST OJT
51-6031	Sewing Machine Operators	3,450	4,580	1,130	32.8%	3.3%	113	16	129	\$9.50	\$19,770	8	None	ST OJT
51-6041	Shoe and Leather Workers and Repairers	170	180	10	5.9%	0.6%	2	3	5	\$12.12	\$25,208	7	None	MT OJT
51-6052	Tailors, Dressmakers, and Custom Sewers	680	890	210	30.9%	3.1%	21	7	28	\$13.94	\$28,979	8	None	MT OJT
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	270	200	-70	-25.9%	-2.6%	0	4	4	\$10.25	\$21,305	7	None	ST OJT
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	200	260	60	30.0%	3.0%	6	3	9	\$11.51	\$23,927	7	None	MT OJT
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	390	360	-30	-7.7%	-0.8%	0	6	6	\$13.20	\$27,475	7	None	MT OJT
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	100	100	0	0.0%	0.0%	0	2	2	\$10.19	\$21,203	7	None	MT OJT
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	150	110	-40	-26.7%	-2.7%	0	2	2	\$22.23	\$46,238	7	None	MT OJT
51-6092	Fabric and Apparel Patternmakers	130	170	40	30.8%	3.1%	4	2	6	\$27.20	\$56,576	7	None	MT OJT
51-6093	Upholsterers	490	350	-140	-28.6%	-2.9%	0	13	13	\$12.73	\$26,468	7	None	MT OJT
51-7000	Woodworkers	1,680	970	-710	-42.3%	-4.2%	0	21	21	N/A	N/A			
51-7011	Cabinetmakers and Bench Carpenters	690	360	-330	-47.8%	-4.8%	0	6	6	\$15.65	\$32,547	7	None	MT OJT
51-7021	Furniture Finishers	110	80	-30	-27.3%	-2.7%	0	2	2	\$14.14	\$29,396	7	None	ST OJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	480	240	-240	-50.0%	-5.0%	0	3	3	\$12.76	\$26,529	7	None	ST OJT
51-8000	Plant and System Operators	1,020	1,130	110	10.8%	1.1%	12	35	47	N/A	N/A			

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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
51-8021	Stationary Engineers and Boiler Operators	200	210	10	5.0%	0.5%	2	6	8	\$33.61	\$69,922	7	None	LT OJT
51-8031	Water and Wastewater Treatment Plant and System Operators	410	420	10	2.4%	0.2%	1	14	15	\$29.03	\$60,387	7	None	LT OJT
51-9000	Other Production Occupations	30,490	32,230	1,740	5.7%	0.6%	216	691	907	N/A	N/A			
51-9011	Chemical Equipment Operators and Tenders	200	180	-20	-10.0%	-1.0%	0	7	7	\$22.29	\$46,360	7	None	MT OJT
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	120	90	-30	-25.0%	-2.5%	0	4	4	\$16.44	\$34,183	7	None	MT OJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	190	200	10	5.3%	0.5%	2	5	7	\$11.09	\$23,063	7	None	MT OJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,180	1,080	-100	-8.5%	-0.8%	0	33	33	\$17.11	\$35,576	7	None	MT OJT
51-9031	Cutters and Trimmers, Hand	430	450	20	4.7%	0.5%	2	7	9	\$10.80	\$22,474	8	None	ST OJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	590	580	-10	-1.7%	-0.2%	0	10	10	\$14.91	\$31,022	7	None	ST OJT
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	480	480	0	0.0%	0.0%	0	13	13	\$12.83	\$26,692	7	None	MT OJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,010	7,290	280	4.0%	0.4%	28	154	182	\$17.73	\$36,867	7	None	MT OJT
51-9081	Dental Laboratory Technicians	600	620	20	3.3%	0.3%	2	20	22	\$16.50	\$34,305	7	None	MT OJT
51-9082	Medical Appliance Technicians	220	220	0	0.0%	0.0%	0	7	7	\$17.63	\$36,653	7	None	LT OJT
51-9083	Ophthalmic Laboratory Technicians	850	920	70	8.2%	0.8%	6	29	35	\$17.28	\$35,932	7	None	MT OJT
51-9111	Packaging and Filling Machine Operators and Tenders	4,250	4,660	410	9.6%	1.0%	42	100	142	\$12.50	\$26,011	7	None	MT OJT
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	940	1,000	60	6.4%	0.6%	6	17	23	\$13.39	\$27,841	7	None	MT OJT
51-9122	Painters, Transportation Equipment	410	510	100	24.4%	2.4%	10	8	18	\$18.61	\$38,696	7	None	MT OJT
51-9141	Semiconductor Processors	760	600	-160	-21.1%	-2.1%	0	18	18	\$15.97	\$33,218	4	None	MT OJT
51-9151	Photographic Process Workers and Processing Machine Operators	550	530	-20	-3.6%	-0.4%	0	16	16	\$16.64	\$34,610	7	None	ST OJT
51-9191	Adhesive Bonding Machine Operators and Tenders	260	200	-60	-23.1%	-2.3%	0	6	6	\$11.07	\$23,023	7	None	MT OJT
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	320	330	10	3.1%	0.3%	0	8	8	\$13.06	\$27,170	8	None	MT OJT
51-9194	Etchers and Engravers	150	190	40	26.7%	2.7%	4	4	8	\$14.00	\$29,101	7	None	MT OJT

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SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	150	140	-10	-6.7%	-0.7%	0	5	5	\$15.79	\$32,831	7	None	LT OJT
51-9196	Paper Goods Machine Setters, Operators, and Tenders	760	750	-10	-1.3%	-0.1%	0	7	7	\$15.52	\$32,293	7	None	MT OJT
51-9198	Helpers--Production Workers	5,410	5,830	420	7.8%	0.8%	43	93	136	\$11.71	\$24,364	8	None	ST OJT
51-9199	Production Workers, All Other	2,980	3,590	610	20.5%	2.0%	61	78	139	\$14.50	\$30,178	7	None	MT OJT
53-0000	Transportation and Material Moving Occupations	72,590	84,110	11,520	15.9%	1.6%	1,185	1,808	2,993	\$12.55	\$26,097			
53-1000	Supervisors of Transportation and Material Moving Workers	2,660	3,100	440	16.5%	1.7%	44	73	117	N/A	N/A			
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	1,420	1,660	240	16.9%	1.7%	24	39	63	\$21.30	\$44,308	7	<5 years	None
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	1,210	1,400	190	15.7%	1.6%	19	33	52	\$28.79	\$59,887	7	<5 years	None
53-2000	Air Transportation Workers	510	500	-10	-2.0%	-0.2%	1	16	17	N/A	N/A			
53-2012	Commercial Pilots	420	430	10	2.4%	0.2%	1	12	13	[6]	\$82,092	7	None	MT OJT
53-3000	Motor Vehicle Operators	24,120	26,890	2,770	11.5%	1.1%	308	405	713	N/A	N/A			
53-3021	Bus Drivers, Transit and Intercity	1,750	1,720	-30	-1.7%	-0.2%	0	32	32	\$25.30	\$52,641	7	None	MT OJT
53-3022	Bus Drivers, School or Special Client	1,770	1,980	210	11.9%	1.2%	21	32	53	\$17.64	\$36,686	7	None	ST OJT
53-3031	Driver/Sales Workers	2,980	3,930	950	31.9%	3.2%	96	48	144	\$11.33	\$23,556	7	None	ST OJT
53-3032	Heavy and Tractor-Trailer Truck Drivers	6,510	6,920	410	6.3%	0.6%	41	104	145	\$19.34	\$40,223	5	None	ST OJT
53-3033	Light Truck or Delivery Services Drivers	8,070	9,240	1,170	14.5%	1.4%	117	129	246	\$14.81	\$30,792	7	None	ST OJT
53-3041	Taxi Drivers and Chauffeurs	1,470	1,200	-270	-18.4%	-1.8%	0	17	17	\$15.98	\$33,221	8	None	ST OJT
53-3099	Motor Vehicle Operators, All Other	1,440	1,720	280	19.4%	1.9%	28	40	68	\$13.61	\$28,302	7	None	ST OJT
53-5000	Water Transportation Workers	480	670	190	39.6%	4.0%	18	22	40	N/A	N/A			
53-5011	Sailors and Marine Oilers	210	310	100	47.6%	4.8%	10	10	20	\$19.94	\$41,473	8	None	MT OJT
53-5021	Captains, Mates, and Pilots of Water Vessels	240	320	80	33.3%	3.3%	8	11	19	\$17.02	\$35,416	3	None	None
53-6000	Other Transportation Workers	1,810	2,050	240	13.3%	1.3%	25	74	99	N/A	N/A			
53-6021	Parking Lot Attendants	1,070	1,150	80	7.5%	0.7%	8	51	59	\$9.88	\$20,548	8	None	ST OJT
53-6031	Automotive and Watercraft Service Attendants	470	600	130	27.7%	2.8%	13	13	26	\$11.21	\$23,313	8	None	ST OJT
53-6099	Transportation Workers, All Other	190	230	40	21.1%	2.1%	4	8	12	\$10.94	\$22,764	7	None	ST OJT
53-7000	Material Moving Workers	42,990	50,880	7,890	18.4%	1.8%	789	1,216	2,005	N/A	N/A			
53-7051	Industrial Truck and Tractor Operators	2,960	3,150	190	6.4%	0.6%	20	68	88	\$14.63	\$30,447	8	None	ST OJT
53-7061	Cleaners of Vehicles and Equipment	5,140	6,170	1,030	20.0%	2.0%	103	143	246	\$10.19	\$21,189	8	None	ST OJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	22,070	26,990	4,920	22.3%	2.2%	492	684	1,176	\$10.91	\$22,703	8	None	ST OJT
53-7063	Machine Feeders and Offbearers	1,130	1,120	-10	-0.9%	-0.1%	0	22	22	\$11.13	\$23,140	8	None	ST OJT

**2012-2022 Occupational Employment Projections
Anaheim-Santa Ana-Irvine Metropolitan Division
(Orange County)**

SOC Code*	Occupational Title	Estimated Employment 2012**	Projected Employment 2022	Numeric Change 2012-2022 [1]	Percent Change 2012-2022	Annual Average Percent Change	Average Annual Job Openings			2014 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
53-7064	Packers and Packagers, Hand	9,450	10,660	1,210	12.8%	1.3%	122	248	370	\$9.45	\$19,664	8	None	ST OJT
53-7081	Refuse and Recyclable Material Collectors	1,730	2,150	420	24.3%	2.4%	42	36	78	\$18.63	\$38,749	8	None	ST OJT
53-7199	Material Moving Workers, All Other	120	150	30	25.0%	2.5%	3	3	6	\$10.90	\$22,682	8	None	ST OJT

* The Standard Occupational Classification (SOC) system is used by government agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

** Data sources: U.S. Bureau of Labor Statistics' Current Employment Statistics (CES) March 2013 benchmark, Quarterly Census of Employment and Wages (QCEW) industry employment, and Occupational Employment Statistics (OES) data.

Occupational employment projections include self-employed, unpaid family workers, private household workers, farm, and nonfarm employment.

N/A - Information is not available.

Occupations with employment below 100 in 2012 are excluded.

Occupation subtotals may not add to the totals due to rounding and the suppression of data.

The use of occupational employment projections as a time series is not encouraged due to changes in the occupational, industrial, and geographical classification systems; changes in the way data are collected; and changes in the OES survey reference period.

[1] Numerical employment change is the net difference between the base and projected year employment and reflects job growth or decline. The base and projected year employment are independently rounded to 10. Therefore, numerical change may not equal new jobs.

[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 2014 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. For more information on these categories, 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- Less than high school

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 training
ST OJT	Short-term on-the-job training
None	None