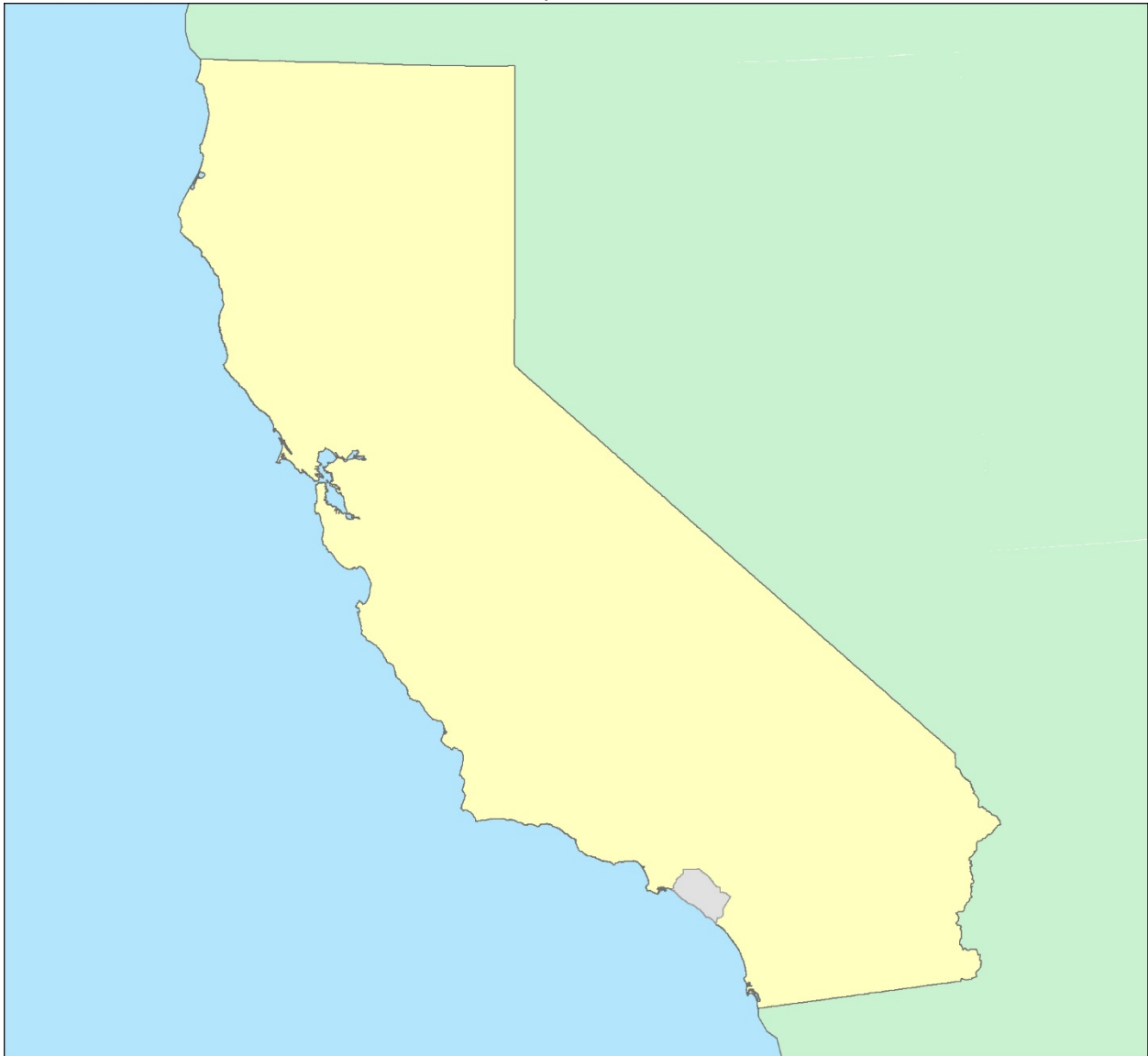


Regional Planning Unit Summary: Orange

Employment Development Department, Labor Market Information Division

Revised September 1, 2016



Orange County

Regional Planning Unit: Orange

Local Workforce Development Areas: Anaheim City, Orange County, and Santa Ana City
County: Orange

Labor Market Profile

	May 2016	May 2015	Change	Percent
Labor Market	1,603,000	1,594,400	8,600	0.5%
Employed	1,545,800	1,525,300	20,500	1.3%
Unemployed	57,100	69,100	-12,000	-17.4%
Unemployment Rate	3.6%	4.3%	-0.8%	-

Source: Employment Development Department, Labor Market Information Division.

Data Note: Numbers may not add due to rounding.

Unemployment Insurance Claims

Unemployment Insurance Claims data is available by county [here](#).

Source: Employment Development Department, Unemployment Insurance Division.

Commute Patterns

Living and Employed in the Area	Inflow	Outflow
810,174	592,709	450,241

Source: U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2002-2014).

Regional Economic Growth

Major Industry Sector	May 2016 (preliminary)	May 2012	Change	Percent	Location Quotient
Total All Industries	1,591,700	1,428,500	163,200	11.4%	-
Total Farm	2,800	3,400	-600	-17.6%	0.1
Total Nonfarm	1,588,900	1,425,100	163,800	11.5%	1.0
Mining and Logging	600	600	0	0.0%	0.3
Construction	102,800	69,500	33,300	47.9%	1.4
Manufacturing	155,300	158,500	-3,200	-2.0%	1.3
Trade, Transportation and Utilities	262,400	246,700	15,700	6.4%	0.9
Information	26,200	24,200	2,000	8.3%	0.6
Financial Activities	116,900	107,400	9,500	8.8%	1.5
Professional and Business Services	293,600	260,300	33,300	12.8%	1.2
Educational and Health Services	205,400	178,100	27,300	15.3%	0.9
Leisure and Hospitality	210,800	182,000	28,800	15.8%	1.2
Other Services	49,100	44,900	4,200	9.4%	0.9
Government	165,800	152,900	12,900	8.4%	0.7

Source: Employment Development Department, Labor Market Information Division.

Data Note: Numbers may not add due to suppression. Location quotients (LQs) are ratios that allow a Regional Planning Unit (RPU)'s distribution of employment for an industry to be compared to California's distribution of employment for the same industry. Specifically, LQs are calculated by first dividing RPU industry employment by the all industry total of RPU employment. Second, California industry employment is divided by the all industry total for California. Finally, the RPU ratio (first calculation) is divided by the California ratio (second calculation). If an LQ is equal to 1, then the industry has the same share of RPU employment as it does in California. An LQ greater than 1 indicates an industry with a greater share of RPU employment than is the case statewide.

Demand Industry Sectors

Top Demand Industry Sub Sector	Total Projected Job Openings 2012-2022	Location Quotient
Restaurants and Other Eating Places	70,508	1.0
Employment Services	30,957	1.5
Elementary and Secondary Schools	22,672	0.8
Management of Companies and Enterprises	15,328	1.3
Management, Scientific, and Technical Consulting Services	13,945	1.3
Services to Buildings and Dwellings	13,927	1.4
Individual and Family Services	11,945	0.4
Grocery Stores	11,331	0.9
Computer Systems Design and Related Services	10,841	0.8
General Medical and Surgical Hospitals	10,235	0.7

Source: Employment Development Department, Labor Market Information Division.

Data Note: Total projected job openings are the sum of new and replacement job openings.

Emergent Industry Sectors

Top Emergent Industry Sub Sector	Numeric Change 2012-2022	Percent Change	Location Quotient
Electronic Shopping and Mail Order Houses	2,600	122.6%	0.9
Waste Collection	970	78.2%	0.7
Wired Telecommunications Carriers	1,620	77.9%	0.8
Activities Related to Credit Intermediation	3,470	69.1%	1.9
Cut and Sew Apparel Manufacturing	3,210	68.9%	0.9
Other Information Services	1,190	68.8%	0.3
Electric Lighting Equipment Manufacturing	640	64.0%	1.7
Grocery and Related Product Wholesalers	2,980	58.9%	0.6
Individual and Family Services	9,640	53.5%	0.4
Other Support Services	1,900	52.9%	1.8

Source: Employment Development Department, Labor Market Information Division.

Data Note: Emergent industry sectors are industries with the highest levels of growth as measured by percent change.

Top 25 Middle-Skill, Middle-Wage or Higher Occupations

Top 25 Middle-Skill, Middle-Wage or Higher Occupations	Total Projected Job Openings 2012-2022	HWOL Job Ads	Median Annual Wage 2016 1st Quarter
Registered Nurses	6,459	3,147	\$89,842
Teacher Assistants	4,975	551	\$34,768
Medical Assistants	2,965	675	\$34,193
Licensed Practical and Licensed Vocational Nurses	2,880	667	\$50,223
Computer User Support Specialists	2,654	1,627	\$57,587
Preschool Teachers, Except Special Education	1,913	642	\$31,914
Dental Assistants	1,835	733	\$33,876
Paralegals and Legal Assistants	1,663	405	\$49,196
Heavy and Tractor-Trailer Truck Drivers	1,508	1,545	\$40,066
Telecommunications Equipment Installers and Repairers, Except Line Installers	1,179	191	\$62,848
Dental Hygienists	1,116	78	\$96,728
Web Developers	1,085	2,121	\$72,157
First-Line Supervisors of Production and Operating Workers	1,015	895	\$52,716
Medical and Clinical Laboratory Technicians	999	58	\$42,380
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	972	317	\$49,281
Medical Records and Health Information Technicians	695	275	\$46,015
Physical Therapist Assistants	599	182	\$60,290
Phlebotomists	581	85	\$36,801
Library Technicians	512	21	\$45,601
Electrical and Electronics Engineering Technicians	510	248	\$59,931
Respiratory Therapists	493	32	\$79,229
Massage Therapists	471	268	\$40,049
Electrical and Electronics Repairers, Commercial and Industrial Equipment	464	4	\$51,116
Firefighters	464	7	\$77,324
Audio and Video Equipment Technicians	415	75	\$46,933

Source: Employment Development Department, Labor Market Information Division; The Conference Board Help Wanted OnLine™ (HWOL) Data Series, 120-day period ending June 21, 2016.

Data Note: Middle-skill occupations typically require more than a high school diploma but less than a Bachelor's degree. Middle-wage occupations make at least 80 percent of the area's median annual wage (\$39,766).

Demographic Data

Age	Population	Percent Share of Total Population
Under 5 Years	191,910	6.2%
5 to 9 Years	198,002	6.4%
10 to 14 Years	208,157	6.7%
15 to 17 Years	131,581	4.3%
18 and 19 Years	86,775	2.8%
20 Years	48,519	1.6%
21 Years	46,795	1.5%
22 to 24 Years	130,857	4.2%
25 to 29 Years	219,813	7.1%
30 to 34 Years	208,242	6.8%
35 to 39 Years	207,665	6.7%
40 to 44 Years	225,592	7.3%
45 to 49 Years	229,145	7.4%
50 to 54 Years	223,330	7.2%
55 to 59 Years	190,763	6.2%
60 and 61 Years	66,610	2.2%
62 to 64 Years	90,413	2.9%
65 and 66 Years	54,672	1.8%
67 to 69 Years	66,009	2.1%
70 to 74 Years	89,376	2.9%
75 to 79 Years	65,563	2.1%
80 to 84 Years	52,365	1.7%
85 Years and Older	54,177	1.8%
Total	3,086,331	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Gender	Population
Male	1,525,071
Female	1,561,260
Total	3,086,331

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Median Household Income by County	Median Household Income
Orange	\$75,998

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Poverty Status	Population	Percentage
Income in the Past 12 Months Below Poverty Level	391,705	12.8%
Income in the Past 12 at or Above Poverty Level	2,657,585	87.2%
Total	3,049,290	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Race	Population	Percentage
Hispanic or Latino	1,050,771	100.0%
White Alone	619,094	58.9%
Black or African American Alone	3,694	0.4%
American Indian and Alaska Native Alone	5,588	0.5%
Asian Alone	4,036	0.4%
Native Hawaiian and Other Pacific Islander Alone	737	0.1%
Some Other Race Alone	381,822	36.3%
Two or More Races	35,800	3.4%
Non-Hispanic or Latino	2,035,560	100.0%
White Alone	1,323,581	65.0%
Black or African American Alone	47,072	2.3%
American Indian and Alaska Native Alone	6,264	0.3%
Asian Alone	569,625	28.0%
Native Hawaiian and Other Pacific Islander Alone	8,735	0.4%
Some Other Race Alone	5,183	0.3%
Two or More Races	75,100	3.7%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Native and Foreign Born	Population	Percentage
Native	2,149,818	69.7%
Foreign Born	936,513	30.3%
Total	3,086,331	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

English Learners	Population	Percentage
Speaks English Less Than "Very Well"	596,227	20.6%
Speaks English "Very Well"	722,307	25.0%
Speaks Only English	1,575,887	54.4%
Total	2,894,421	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Veteran Status	Population	Percentage
Male Veterans	120,107	94.5%
Female Veterans	7,029	5.5%
Total	127,136	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Disability Status	Population	Percentage
With Any Disability	248,655	8.1%
No Disability	2,820,501	91.9%
Total	3,069,156	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Labor Force Participation	Population	Percentage
Employed or in Armed Forces	1,480,716	60.6%
Unemployed	142,427	5.8%
Not in labor force	820,897	33.6%
Total	2,444,040	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Individuals with Barriers to Employment	Total
Ethnic Minorities	1,762,750
Households with Cash Public Assistance or Food Stamps	69,380
Population 18 and Over with Less Than a 9 th Grade Level Education	185,939
Single Parent Households	175,666
Speak English Less Than "Very Well"	596,227
Youth Ages 10 to 24	652,684

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Educational Attainment	Male	Percentage	Female	Percentage
Less than 9th grade	86,786	7.5%	99,153	8.2%
9th to 12th grade, no diploma	92,503	8.0%	86,737	7.2%
High school graduate (includes equivalency)	217,977	18.9%	228,184	18.9%
Some college, no degree	276,906	24.0%	295,481	24.5%
Associate's degree	77,498	6.7%	99,713	8.3%
Bachelor's degree	257,101	22.3%	269,160	22.3%
Graduate or professional degree	143,068	12.4%	126,414	10.5%
Total	1,151,839	100.0%	1,204,842	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Educational Attainment, 25 Years and Over	Hispanic or Latino	Percent of Hispanic or Latino, Total	White alone, not Hispanic or Latino	Percent of White alone, not Hispanic or Latino, Total
Less than high school diploma	230,290	40.1%	39,313	4.0%
High school graduate (includes equivalency)	132,418	23.1%	163,492	16.5%
Some college or associate's degree	133,721	23.3%	337,466	34.1%
Bachelor's degree or higher	77,257	13.5%	450,540	45.5%
Total	573,686	100.0%	990,811	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Educational Attainment by Race, 25 Years and Over	White Alone	Percent of White Alone, Total	Black or African American Alone	Percent of Black or African American Alone, Total	American Indian and Alaska Native Alone	Percent of American Indian and Alaska Native Alone, Total	Asian Alone	Percent of Asian Alone, Total	Native Hawaiian and Other Pacific Islander Alone	Percent of Native Hawaiian and Other Pacific Islander Alone, Total	Some Other Race Alone	Percent of Some Other Race Alone, Total	Two or More Races	Percent of Two or more races, Total
Less than high school diploma	167,159	12.5%	2,250	6.6%	1,464	19.2%	51,908	12.8%	675	11.3%	97,726	46.3%	5,530	12.1%
High school graduate (includes equivalency)	242,610	18.2%	6,028	17.7%	1,812	23.8%	54,506	13.5%	1,767	29.6%	49,407	23.4%	7,214	15.7%
Some college or associate's degree	421,677	31.6%	14,107	41.3%	2,904	38.1%	90,959	22.5%	2,300	38.6%	42,969	20.4%	16,232	35.4%
Bachelor's degree or higher	503,362	37.7%	11,766	34.5%	1,440	18.9%	206,918	51.2%	1,222	20.5%	20,982	9.9%	16,841	36.8%
Total	1,334,808	100.0%	34,151	100.0%	7,620	100.0%	404,291	100.0%	5,964	100.0%	211,084	100.0%	45,817	100.0%

Source: U.S. Census Bureau, 2010-2014 American Community Survey, 5-Year Estimates.

Gross Domestic Product (GDP) by Metropolitan Statistical Area (MSA)

The Bureau of Economic Analysis (BEA) estimates GDP at the State and MSA level only. Where applicable, the table below displays MSA data as a substitute for county level data.

GDP by Los Angeles-Long Beach-Anaheim MSA (substitute for Orange County)

Major Industry Sector	2014 Millions of Current Dollars
Total All Industries	\$866,745
Agriculture, Forestry, Fishing, and Hunting	\$377
Mining	\$8,817
Utilities	\$7,182
Construction	\$23,034
Manufacturing	\$81,861
Wholesale Trade	\$61,451
Retail Trade	\$48,335
Transportation and Warehousing	\$21,979
Information	\$95,536
Finance, Insurance, Real Estate, Rental, and Leasing	\$205,141
Professional and Business Services	\$111,434
Educational Services, Health Care, and Social Assistance	\$62,459
Arts, Entertainment, Recreation, Accommodation, and Food Services	\$41,537
Other Services, Except Government	\$18,780
Government	\$78,824

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Data Note: Industry detail is based on the 2007 North American Industry Classification System (NAICS). Per capita real GDP statistics for 2001-2014 reflect Census Bureau mid-year population estimates available as of March 2015. Last updated: September 23, 2015.

Skill Requirements for Top 25 Middle-Skill, Middle-Wage or Higher Occupations

Occupations	Skills																								
	Active Learning	Active Listening	Complex Problem Solving	Coordination	Critical Thinking	Equipment Maintenance	Installation	Instructing	Judgment and Decision Making	Learning Strategies	Management of Personnel Resources	Mathematics	Monitoring	Operation and Control	Operation Monitoring	Operations Analysis	Programming	Quality Control Analysis	Reading Comprehension	Repairing	Science	Service Orientation	Social Perceptiveness	Speaking	Time Management
Registered Nurses	•	•	•	•	•			•					•					•				•	•	•	
Teacher Assistants		•	•	•	•			•		•			•					•				•	•	•	
Medical Assistants	•	•	•	•	•								•					•				•	•	•	•
Licensed Practical and Licensed Vocational Nurses		•		•	•				•				•					•				•	•	•	•
Computer User Support Specialists	•	•	•	•	•			•					•					•				•		•	•
Preschool Teachers, Except Special Education		•		•	•					•			•					•				•	•	•	•
Dental Assistants	•	•			•			•					•					•				•	•	•	•
Paralegals and Legal Assistants	•	•		•	•								•					•				•	•	•	•
Heavy and Tractor-Trailer Truck Drivers		•	•		•	•							•	•	•			•					•	•	
Telecommunications Equipment Installers and Repairers, Except Line Installers	•	•	•		•								•		•			•	•	•					•
Dental Hygienists	•	•	•	•	•								•					•				•		•	•
Web Developers	•	•	•		•				•				•			•	•	•							•
First-Line Supervisors of Production and Operating Workers		•	•	•	•					•								•				•	•	•	•
Medical and Clinical Laboratory Technicians	•	•	•	•	•				•				•					•		•			•		
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*		•		•	•	•	•							•				•	•	•					•
Medical Records and Health Information Technicians		•	•		•				•	•			•					•					•	•	•
Physical Therapist Assistants	•	•		•	•					•			•					•				•	•	•	
Phlebotomists	•	•		•	•			•					•					•				•	•	•	
Library Technicians	•	•		•	•			•					•					•				•		•	•
Electrical and Electronics Engineering Technicians*		•	•		•							•	•					•	•				•	•	•
Respiratory Therapists	•	•			•				•				•					•		•		•	•	•	
Massage Therapists	•	•			•				•				•					•				•	•	•	•
Electrical and Electronics Repairers, Commercial and Industrial Equipment		•	•		•	•								•	•			•	•	•					•
Firefighters*		•		•	•				•				•		•			•				•	•	•	
Audio and Video Equipment Technicians	•	•		•	•			•					•		•			•					•		•

Source: U.S. Department of Labor's Occupational Information Network (O*NET) at www.onetonline.org.

* Skills listed for the occupation represent a specialty occupation.

Knowledge Requirements for Top 25 Middle-Skill, Middle-Wage or Higher Occupations

Occupations	Knowledge																												
	Administration and Management	Biology	Building and Construction	Chemistry	Clerical	Communications and Media	Computers and Electronics	Customer and Personal Service	Design	Economics and Accounting	Education and Training	Engineering and Technology	English Language	Geography	Law and Government	Mathematics	Mechanical	Medicine and Dentistry	Personnel and Human Resources	Philosophy and Theology	Physics	Production and Processing	Psychology	Public Safety and Security	Sales and Marketing	Sociology and Anthropology	Telecommunications	Therapy and Counseling	Transportation
Registered Nurses		•			•			•			•		•			•		•					•			•		•	
Teacher Assistants					•		•	•			•		•	•		•							•			•		•	
Medical Assistants	•				•		•	•			•		•					•					•	•				•	
Licensed Practical and Licensed Vocational Nurses				•	•			•			•		•			•		•		•			•					•	
Computer User Support Specialists	•				•	•	•	•			•	•	•			•											•		
Preschool Teachers, Except Special Education	•							•			•		•	•						•			•	•		•		•	
Dental Assistants				•	•		•	•			•		•					•				•	•		•				
Paralegals and Legal Assistants	•				•	•	•	•			•		•		•	•							•						
Heavy and Tractor-Trailer Truck Drivers	•							•			•		•	•	•	•	•							•					•
Telecommunications Equipment Installers and Repairers, Except Line Installers					•		•	•			•	•	•			•	•							•			•		
Dental Hygienists		•		•	•		•	•			•		•					•				•			•				
Web Developers	•				•	•	•	•	•		•		•			•									•				
First-Line Supervisors of Production and Operating Workers	•				•		•		•		•	•				•	•		•			•							
Medical and Clinical Laboratory Technicians		•		•	•		•	•					•			•		•				•		•					
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*			•	•			•	•	•			•	•			•	•				•								
Medical Records and Health Information Technicians	•				•	•	•	•			•		•		•	•								•					
Physical Therapist Assistants		•			•		•	•			•		•					•					•			•		•	
Phlebotomists				•	•		•	•			•		•					•		•			•	•					
Library Technicians	•				•	•	•	•	•	•	•	•			•	•													
Electrical and Electronics Engineering Technicians*							•	•	•		•	•	•			•	•				•	•							
Respiratory Therapists		•		•			•	•			•		•			•		•					•						•
Massage Therapists	•	•			•		•				•		•					•					•		•				•
Electrical and Electronics Repairers, Commercial and Industrial Equipment			•				•	•			•	•	•			•	•				•	•							
Firefighters*	•		•	•			•				•	•	•		•		•				•			•					
Audio and Video Equipment Technicians						•	•	•	•		•	•	•				•					•					•		

Source: U.S. Department of Labor's Occupational Information Network (O*NET) at www.onetonline.org.

* Knowledge listed for the occupation represent a specialty occupation.