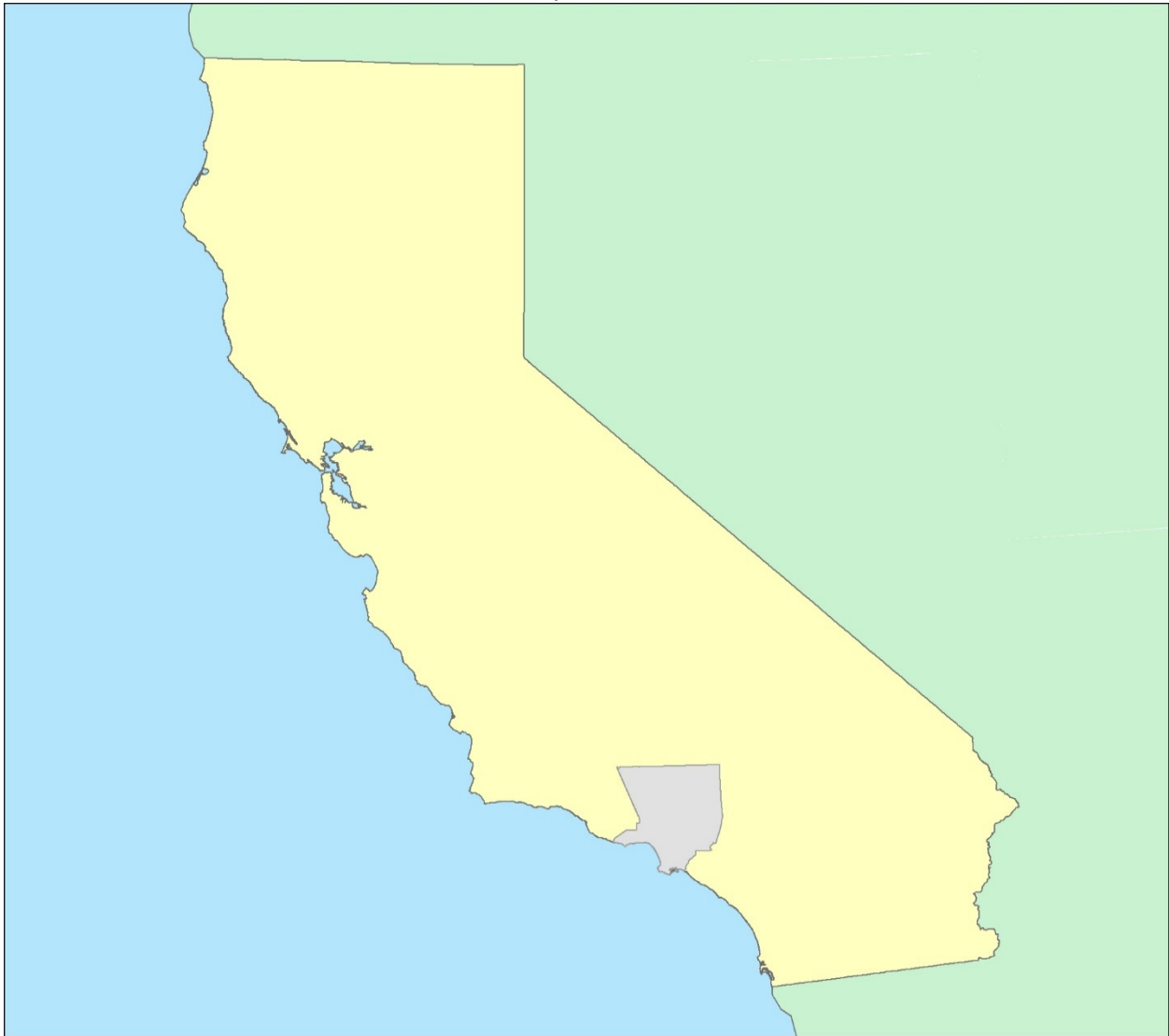


# Regional Planning Unit Summary: Los Angeles Basin

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Employment Development Department, Labor Market Information Division

Revised September 1, 2016



Los Angeles County

### Regional Planning Unit: Los Angeles Basin

Local Workforce Development Areas: Foothill Consortium, Los Angeles City/County, Pacific Gateway Workforce Investment Network, South Bay Consortium, (SELACO) Southeast Los Angeles County Consortium, and Verdugo Consortium  
County: Los Angeles

#### Labor Market Profile

	May 2016	May 2015	Change	Percent
Labor Market	4,990,800	5,028,100	-37,300	-0.7%
Employed	4,777,200	4,684,200	93,000	2.0%
Unemployed	213,600	343,900	-130,300	-37.9%
Unemployment Rate	4.3%	6.8%	-2.6%	-

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
2,942,194	925,915	703,156

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	4,373,200	4,051,600	321,600	7.9%	-
Total Farm	5,300	5,900	-600	-10.2%	0.0
Total Nonfarm	4,367,900	4,045,700	322,200	8.0%	1.0
Mining and Logging	3,500	4,200	-700	-16.7%	0.5
Construction	130,500	108,000	22,500	20.8%	0.7
Manufacturing	354,300	368,300	-14,000	-3.8%	1.1
Trade, Transportation and Utilities	822,900	761,900	61,000	8.0%	1.1
Information	207,400	189,600	17,800	9.4%	1.6
Financial Activities	219,000	212,100	6,900	3.3%	1.0
Professional and Business Services	606,800	565,600	41,200	7.3%	0.9
Educational and Health Services	777,100	703,100	74,000	10.5%	1.2
Leisure and Hospitality	510,200	418,700	91,500	21.9%	1.0
Other Services	154,300	142,600	11,700	8.2%	1.1
Government	581,900	571,600	10,300	1.8%	0.9

Source: Employment Development Department, Labor Market Information Division.

Data Note: Numbers may not add due to suppression. Location quotients (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

<b>Top Demand Industry Sub Sector</b>	<b>Total Projected Job Openings 2012-2022</b>	<b>Location Quotient</b>
Restaurants and Other Eating Places	162,502	1.0
Individual and Family Services	111,070	1.4
Elementary and Secondary Schools	64,054	0.9
Employment Services	46,154	1.1
Colleges, Universities, and Professional Schools	43,024	1.1
Motion Picture and Video Industries	38,560	3.2
Management, Scientific, and Technical Consulting Services	37,758	1.0
General Medical and Surgical Hospitals	35,715	1.1
Grocery Stores	32,266	1.0
Other General Merchandise Stores	29,729	0.9

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

<b>Top Emergent Industry Sub Sector</b>	<b>Numeric Change 2012-2022</b>	<b>Percent Change</b>	<b>Location Quotient</b>
Other Information Services	7,210	78.9%	0.6
Electronic Shopping and Mail Order Houses	5,420	75.8%	1.0
Wired Telecommunications Carriers	9,890	75.6%	1.2
Other General Merchandise Stores	19,480	62.2%	0.9
Individual and Family Services	95,280	60.6%	1.4
Management, Scientific, and Technical Consulting Services	28,350	60.5%	1.0
Home Health Care Services	11,880	52.8%	1.1
Software Publishers	2,800	51.3%	0.4
Taxi and Limousine Service	1,140	50.0%	1.1
Outpatient Care Centers	11,350	49.2%	0.9

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	23,591	11,315	\$99,805
Licensed Practical and Licensed Vocational Nurses	10,302	2,066	\$50,077
Medical Assistants	9,095	1,892	\$33,325
Heavy and Tractor-Trailer Truck Drivers	8,200	5,673	\$40,713
Computer User Support Specialists	5,410	3,801	\$56,028
Dental Assistants	3,671	1,406	\$37,060
Telecommunications Equipment Installers and Repairers, Except Line Installers	3,312	349	\$56,441
Medical and Clinical Laboratory Technicians	2,950	156	\$41,995
Paralegals and Legal Assistants	2,859	1,534	\$58,047
Web Developers	2,644	4,740	\$65,759
Firefighters	2,518	24	\$76,834
Dental Hygienists	2,515	215	\$105,358
First-Line Supervisors of Production and Operating Workers	2,187	2,564	\$53,828
Medical Records and Health Information Technicians	2,030	1,038	\$43,199
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,019	600	\$52,764
Audio and Video Equipment Technicians	1,605	456	\$51,785
Aircraft Mechanics and Service Technicians	1,538	76	\$67,505
Phlebotomists	1,359	141	\$37,610
Library Technicians	1,276	30	\$41,759
Respiratory Therapists	1,188	145	\$75,911
Radiologic Technologists	1,184	312	\$71,990
Massage Therapists	1,090	480	\$41,529
Surgical Technologists	854	380	\$57,329
Electrical and Electronics Engineering Technicians	725	399	\$63,351
Computer Network Support Specialists	679	55	\$72,289

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 (\$39,248).

## Demographic Data

Age	Population	Percent Share of Total Population
Under 5 Years	644,638	6.5%
5 to 9 Years	629,141	6.3%
10 to 14 Years	651,107	6.5%
15 to 17 Years	422,714	4.2%
18 and 19 Years	292,037	2.9%
20 Years	158,709	1.6%
21 Years	158,887	1.6%
22 to 24 Years	459,224	4.6%
25 to 29 Years	783,815	7.9%
30 to 34 Years	738,318	7.4%
35 to 39 Years	699,471	7.0%
40 to 44 Years	719,924	7.2%
45 to 49 Years	700,782	7.0%
50 to 54 Years	678,968	6.8%
55 to 59 Years	596,246	6.0%
60 and 61 Years	210,848	2.1%
62 to 64 Years	279,481	2.8%
65 and 66 Years	163,553	1.6%
67 to 69 Years	199,916	2.0%
70 to 74 Years	264,639	2.7%
75 to 79 Years	200,867	2.0%
80 to 84 Years	156,022	1.6%
85 Years and Older	164,896	1.7%
Total	9,974,203	100.0%

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

Gender	Population
Male	4,913,688
Female	5,060,515
<b>Total</b>	<b>9,974,203</b>

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

Median Household Income by County	Median Household Income
Los Angeles	\$55,870

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	1,805,868	18.4%
Income in the Past 12 at or Above Poverty Level	8,013,529	81.6%
<b>Total</b>	<b>9,819,397</b>	<b>100.0%</b>

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

Race	Population	Percentage
<b>Hispanic or Latino</b>	<b>4,800,491</b>	<b>100.0%</b>
White Alone	2,617,668	54.5%
Black or African American Alone	30,121	0.6%
American Indian and Alaska Native Alone	36,202	0.8%
Asian Alone	17,016	0.4%
Native Hawaiian and Other Pacific Islander Alone	2,153	0.0%
Some Other Race Alone	1,925,133	40.1%
Two or More Races	172,198	3.6%
<b>Non-Hispanic or Latino</b>	<b>5,173,712</b>	<b>100.0%</b>
White Alone	2,711,665	52.4%
Black or African American Alone	802,132	15.5%
American Indian and Alaska Native Alone	18,207	0.4%
Asian Alone	1,377,333	26.6%
Native Hawaiian and Other Pacific Islander Alone	23,921	0.5%
Some Other Race Alone	24,807	0.5%
Two or More Races	215,647	4.2%

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

Native and Foreign Born	Population	Percentage
Native	6,489,853	65.1%
Foreign Born	3,484,350	34.9%
<b>Total</b>	<b>9,974,203</b>	<b>100.0%</b>

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

English Learners	Population	Percentage
Speaks English Less Than "Very Well"	2,407,270	25.8%
Speaks English "Very Well"	2,890,179	31.0%
Speaks Only English	4,032,116	43.2%
<b>Total</b>	<b>9,329,565</b>	<b>100.0%</b>

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

Veteran Status	Population	Percentage
Male Veterans	297,686	93.8%
Female Veterans	19,821	6.2%
<b>Total</b>	<b>317,507</b>	<b>100.0%</b>

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

Disability Status	Population	Percentage
With Any Disability	947,099	9.6%
No Disability	8,955,704	90.4%
<b>Total</b>	<b>9,902,803</b>	<b>100.0%</b>

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

Labor Force Participation	Population	Percentage
Employed or in Armed Forces	4,552,326	57.5%
Unemployed	564,669	7.1%
Not in labor force	2,796,585	35.3%
<b>Total</b>	<b>7,913,580</b>	<b>100.0%</b>

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

Individuals with Barriers to Employment	Total
Ethnic Minorities	7,262,538
Households with Cash Public Assistance or Food Stamps	318,788
Population 18 and Over with Less Than a 9th Grade Level Education	916,547
Single Parent Households	732,397
Speak English Less Than "Very Well"	2,407,270
Youth Ages 10 to 24	2,142,678

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

Educational Attainment	Male	Percentage	Female	Percentage
Less than 9th grade	430,302	11.6%	486,245	12.4%
9th to 12th grade, no diploma	410,731	11.1%	368,103	9.4%
High school graduate (includes equivalency)	817,999	22.0%	814,916	20.8%
Some college, no degree	838,366	22.6%	903,449	23.1%
Associate's degree	216,407	5.8%	276,535	7.1%
Bachelor's degree	654,562	17.6%	722,827	18.5%
Graduate or professional degree	345,803	9.3%	340,358	8.7%
<b>Total</b>	<b>3,714,170</b>	<b>100.0%</b>	<b>3,912,433</b>	<b>100.0%</b>

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	1,183,681	43.1%	129,721	6.2%
High school graduate (includes equivalency)	674,758	24.6%	357,167	17.1%
Some college or associate's degree	597,224	21.7%	628,185	30.0%
Bachelor's degree or higher	290,196	10.6%	978,841	46.7%
<b>Total</b>	<b>2,745,859</b>	<b>100.0%</b>	<b>2,093,914</b>	<b>100.0%</b>

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

<b>Educational Attainment by Race, 25 Years and Over</b>	<b>White Alone</b>	<b>Percent of White Alone, Total</b>	<b>Black or African American Alone</b>	<b>Percent of Black or African American Alone, Total</b>	<b>American Indian and Alaska Native Alone</b>	<b>Percent of American Indian and Alaska Native Alone, Total</b>	<b>Asian Alone</b>	<b>Percent of Asian Alone, Total</b>	<b>Native Hawaiian and Other Pacific Islander Alone</b>	<b>Percent of Native Hawaiian and Other Pacific Islander Alone, Total</b>	<b>Some Other Race Alone</b>	<b>Percent of Some Other Race Alone, Total</b>	<b>Two or More Races</b>	<b>Percent of Two or more races, Total</b>
Less than high school diploma	766,750	21.2%	65,777	11.8%	11,275	30.8%	131,589	12.7%	2,782	17.0%	511,209	46.0%	30,861	16.5%
High school graduate (includes equivalency)	723,648	20.0%	136,415	24.5%	8,510	23.3%	154,810	15.0%	4,966	30.4%	284,474	25.6%	34,445	18.4%
Some college or associate's degree	968,760	26.8%	224,228	40.3%	11,196	30.6%	234,327	22.7%	5,929	36.2%	223,431	20.1%	61,101	32.7%
Bachelor's degree or higher	1,158,935	32.0%	129,350	23.3%	5,568	15.2%	512,502	49.6%	2,679	16.4%	91,934	8.3%	60,295	32.3%
<b>Total</b>	<b>3,618,093</b>	<b>100.0%</b>	<b>555,770</b>	<b>100.0%</b>	<b>36,549</b>	<b>100.0%</b>	<b>1,033,228</b>	<b>100.0%</b>	<b>16,356</b>	<b>100.0%</b>	<b>1,111,048</b>	<b>100.0%</b>	<b>186,702</b>	<b>100.0%</b>

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 Los Angeles County)

<b>Major Industry Sector</b>	<b>2014 Millions of Current Dollars</b>
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	Systems Analysis
Registered Nurses	•	•		•	•			•					•						•			•	•	•	
Licensed Practical and Licensed Vocational Nurses		•		•	•				•				•						•			•	•	•	
Medical Assistants	•	•		•	•								•						•			•	•	•	
Heavy and Tractor-Trailer Truck Drivers		•	•		•	•							•	•	•				•					•	
Computer User Support Specialists	•	•		•	•			•					•						•			•		•	
Dental Assistants	•	•			•			•					•						•			•	•	•	
Telecommunications Equipment Installers and Repairers, Except Line Installers	•	•	•		•								•		•			•	•	•					
Medical and Clinical Laboratory Technicians	•	•	•	•	•					•			•						•		•			•	
Paralegals and Legal Assistants	•	•		•	•					•			•				•	•	•				•	•	
Web Developers	•	•	•		•				•				•		•	•			•						•
Firefighters*		•		•	•				•				•		•				•			•	•	•	
Dental Hygienists	•	•	•	•	•								•						•			•		•	
First-Line Supervisors of Production and Operating Workers		•	•	•	•						•								•			•	•		
Medical Records and Health Information Technicians		•	•		•				•	•			•						•				•		•
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*		•		•	•	•	•							•				•	•	•					
Audio and Video Equipment Technicians	•	•		•	•			•					•		•				•					•	
Aircraft Mechanics and Service Technicians		•	•		•	•			•					•				•	•	•					
Phlebotomists	•	•		•	•			•					•						•			•	•	•	
Library Technicians	•	•		•	•			•					•						•			•		•	
Respiratory Therapists	•	•			•				•				•						•		•	•	•	•	
Radiologic Technologists	•	•		•	•								•						•				•	•	
Massage Therapists	•	•			•				•				•						•			•	•	•	
Surgical Technologists	•	•	•	•	•			•		•			•						•			•			
Electrical and Electronics Engineering Technicians*		•	•		•							•	•						•	•				•	
Computer Network Support Specialists	•	•	•		•				•				•						•				•	•	

Source: U.S. Department of Labor's Occupational Information Network (O\*NET) at [www.onetonline.org](http://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		•			•			•			•		•			•		•					•			•		•	
Licensed Practical and Licensed Vocational Nurses				•	•			•			•		•			•		•		•			•					•	
Medical Assistants	•				•		•	•			•		•					•					•	•				•	
Heavy and Tractor-Trailer Truck Drivers	•							•			•		•	•	•	•	•							•					•
Computer User Support Specialists	•				•	•	•	•			•	•	•			•											•		
Dental Assistants				•	•		•	•			•		•					•				•	•		•				
Telecommunications Equipment Installers and Repairers, Except Line Installers					•		•	•			•	•	•			•	•							•			•		
Medical and Clinical Laboratory Technicians		•		•	•		•	•				•				•		•				•		•					
Paralegals and Legal Assistants	•				•	•	•	•			•		•		•	•							•						
Web Developers	•				•	•	•	•	•		•	•	•			•									•				
Firefighters*	•		•	•				•			•		•		•		•				•			•		•			
Dental Hygienists		•		•	•		•	•			•		•					•				•		•		•			
First-Line Supervisors of Production and Operating Workers	•				•		•		•		•	•				•	•		•		•								
Medical Records and Health Information Technicians	•				•	•	•	•			•		•		•	•								•					
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*			•	•			•	•	•			•	•			•	•				•								
Audio and Video Equipment Technicians						•	•	•	•		•	•	•				•					•					•		
Aircraft Mechanics and Service Technicians				•				•	•			•	•			•	•				•	•		•					•
Phlebotomists				•	•		•	•			•		•					•		•			•	•					
Library Technicians	•				•	•	•	•		•	•	•			•	•													
Respiratory Therapists		•		•			•	•			•		•			•		•					•					•	
Radiologic Technologists		•			•		•	•			•		•			•		•			•		•						
Massage Therapists	•	•			•			•			•		•					•					•		•			•	
Surgical Technologists		•		•			•	•			•		•					•					•	•				•	
Electrical and Electronics Engineering Technicians*							•	•	•		•	•	•			•	•				•	•							
Computer Network Support Specialists	•				•	•	•	•	•		•	•	•														•		

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

\* Knowledge listed for the occupation represent a specialty occupation.