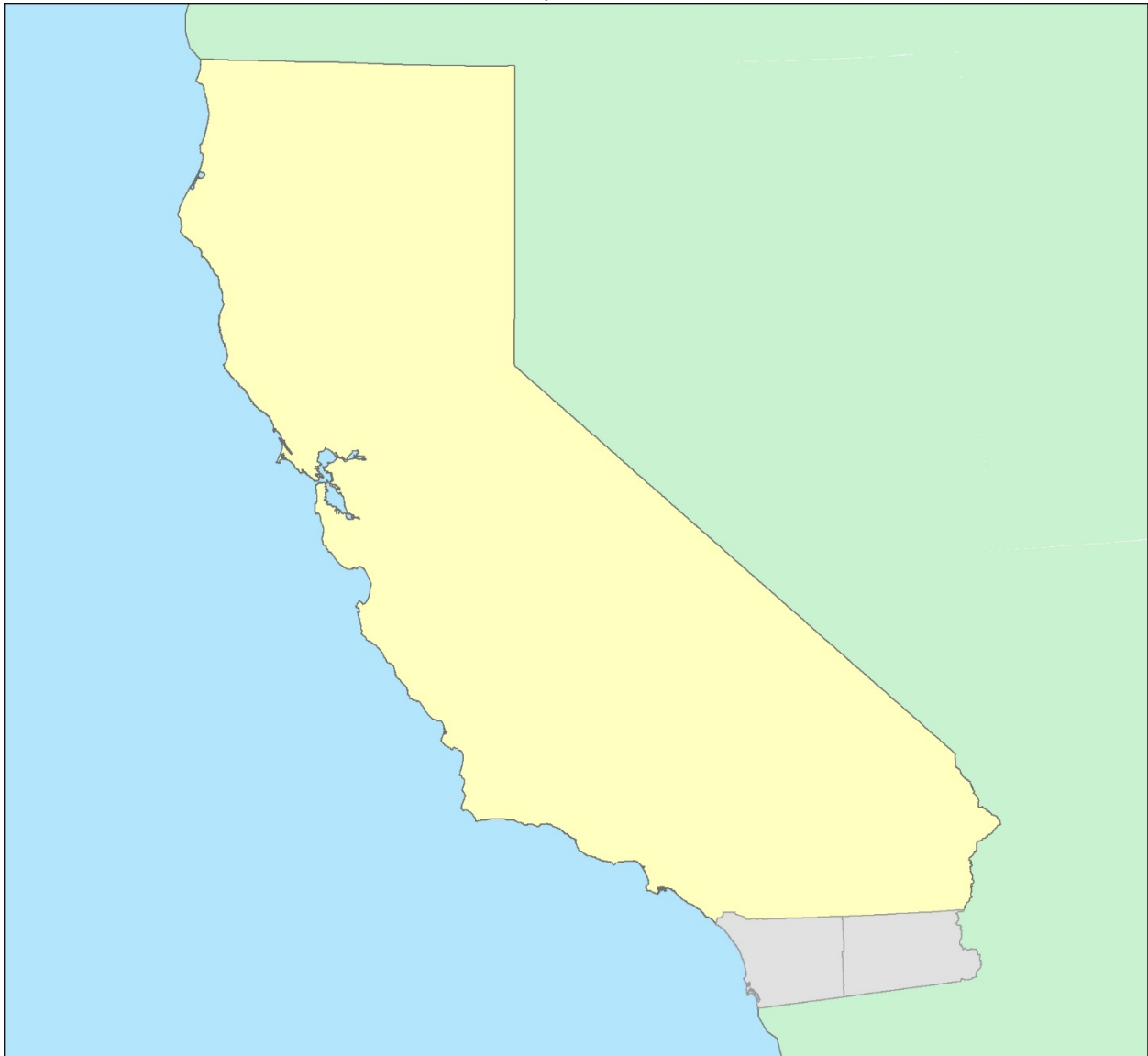


Regional Planning Unit Summary: Southern Border

Employment Development Department, Labor Market Information Division
Revised September 1, 2016



Imperial and San Diego Counties

Regional Planning Unit: Southern Border

Local Workforce Development Areas: Imperial County and San Diego City/County
 Counties: Imperial and San Diego

Labor Market Profile

	May 2016	May 2015	Change	Percent
Labor Market	1,635,900	1,645,400	-9,500	-0.6%
Employed	1,555,400	1,547,600	7,800	0.5%
Unemployed	80,400	97,700	-17,300	-17.7%
Unemployment Rate	4.9%	5.9%	-1.0%	-

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
1,034,900	231,942	253,696

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	1,496,700	1,361,500	135,200	9.9%	-
Total Farm	25,700	22,100	3,600	16.3%	0.6
Total Nonfarm	1,471,000	1,339,400	131,600	9.8%	1.0
Mining and Logging	400	400	0	0.0%	0.2
Construction	71,600	57,000	14,600	25.6%	1.1
Manufacturing	107,300	100,100	7,200	7.2%	1.0
Trade, Transportation and Utilities	231,100	216,600	14,500	6.7%	0.9
Information	24,100	25,000	-900	-3.6%	0.6
Financial Activities	74,300	70,800	3,500	4.9%	1.0
Professional and Business Services	237,700	217,600	20,100	9.2%	1.1
Educational and Health Services	209,600	183,600	26,000	14.2%	0.9
Leisure and Hospitality	194,400	166,500	27,900	16.8%	1.2
Other Services	54,500	50,700	3,800	7.5%	1.1
Government	262,700	249,500	13,200	5.3%	1.2

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	64,622	1.1
Elementary and Secondary Schools	23,190	1.0
Management, Scientific, and Technical Consulting Services	19,426	1.2
Colleges, Universities, and Professional Schools	17,332	1.3
Individual and Family Services	16,127	0.8
Traveler Accommodation	13,766	1.5
Employment Services	13,232	0.9
Offices of Physicians	12,089	1.3
Scientific Research and Development Services	11,529	2.9
Computer Systems Design and Related Services	11,431	0.8

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
Management, Scientific, and Technical Consulting Services	15,700	87.3%	1.2
Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers	960	81.7%	0.7
Wired Telecommunications Carriers	1,980	79.2%	1.1
Technical and Trade Schools	1,280	71.5%	1.0
Other General Merchandise Stores	7,580	71.3%	1.1
Wholesale Electronic Markets and Agents and Brokers	3,880	69.0%	1.0
Residential Building Construction	4,470	64.6%	1.0
Amusement Parks and Arcades	3,000	58.6%	1.5
Nondepository Credit Intermediation	2,340	57.5%	0.9
Business Schools and Computer and Management Training	730	56.5%	2.3

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	7,140	4,327	\$86,400
Computer User Support Specialists	3,099	1,951	\$55,979
Medical Assistants	2,787	673	\$35,607
Licensed Practical and Licensed Vocational Nurses	2,632	987	\$54,719
Heavy and Tractor-Trailer Truck Drivers	2,382	1,642	\$38,995
Preschool Teachers, Except Special Education	2,017	625	\$33,660
Paralegals and Legal Assistants	1,553	435	\$58,351
Dental Assistants	1,427	784	\$39,660
Telecommunications Equipment Installers and Repairers, Except Line Installers	990	192	\$55,897
Web Developers	981	1,663	\$70,542
Electrical and Electronics Engineering Technicians	962	377	\$64,165
Dental Hygienists	819	112	\$88,531
Firefighters	795	16	\$61,742
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	793	362	\$55,107
First-Line Supervisors of Production and Operating Workers	726	864	\$61,154
Medical Records and Health Information Technicians	652	310	\$40,152
Aircraft Mechanics and Service Technicians	601	66	\$59,788
Computer Network Support Specialists	591	26	\$72,000
Medical and Clinical Laboratory Technicians	569	163	\$47,281
Library Technicians	559	29	\$45,664
Massage Therapists	529	287	\$37,654
Veterinary Technologists and Technicians	471	119	\$44,747
Computer, Automated Teller, and Office Machine Repairers	406	4	\$38,461
Electrical and Electronics Repairers, Commercial and Industrial Equipment	406	14	\$60,792
Environmental Science and Protection Technicians, Including Health	374	151	\$44,931

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 (\$40,058).

Demographic Data

Age	Population	Percent Share of Total Population
Under 5 Years	223,357	6.7%
5 to 9 Years	213,069	6.3%
10 to 14 Years	208,914	6.2%
15 to 17 Years	132,551	3.9%
18 and 19 Years	99,381	3.0%
20 Years	59,770	1.8%
21 Years	58,330	1.7%
22 to 24 Years	170,675	5.1%
25 to 29 Years	275,172	8.2%
30 to 34 Years	248,323	7.4%
35 to 39 Years	221,851	6.6%
40 to 44 Years	225,009	6.7%
45 to 49 Years	223,890	6.7%
50 to 54 Years	226,589	6.7%
55 to 59 Years	200,713	6.0%
60 and 61 Years	72,871	2.2%
62 to 64 Years	97,704	2.9%
65 and 66 Years	56,228	1.7%
67 to 69 Years	68,832	2.1%
70 to 74 Years	91,205	2.7%
75 to 79 Years	68,141	2.0%
80 to 84 Years	56,743	1.7%
85 Years and Older	60,851	1.8%
Total	3,360,169	100.0%

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

Gender	Population
Male	1,689,002
Female	1,671,167
Total	3,360,169

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

Median Household Income by County	Median Household Income
Imperial	\$41,772
San Diego	\$63,996

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	494,790	15.1%
Income in the Past 12 at or Above Poverty Level	2,774,080	84.9%
Total	3,268,870	100.0%

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

Race	Population	Percentage
Hispanic or Latino	1,183,842	100.0%
White Alone	846,512	71.5%
Black or African American Alone	10,119	0.9%
American Indian and Alaska Native Alone	10,897	0.9%
Asian Alone	6,425	0.5%
Native Hawaiian and Other Pacific Islander Alone	1,003	0.1%
Some Other Race Alone	247,818	20.9%
Two or More Races	61,068	5.2%
Non-Hispanic or Latino	2,176,327	100.0%
White Alone	1,533,808	70.5%
Black or African American Alone	155,402	7.1%
American Indian and Alaska Native Alone	12,909	0.6%
Asian Alone	354,196	16.3%
Native Hawaiian and Other Pacific Islander Alone	13,492	0.6%
Some Other Race Alone	4,794	0.2%
Two or More Races	101,726	4.7%

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

Native and Foreign Born	Population	Percentage
Native	2,558,884	76.2%
Foreign Born	801,285	23.8%
Total	3,360,169	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"	524,828	16.7%
Speaks English "Very Well"	705,287	22.5%
Speaks Only English	1,906,697	60.8%
Total	3,136,812	100.0%

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

Veteran Status	Population	Percentage
Male Veterans	218,831	90.4%
Female Veterans	23,353	9.6%
Total	242,184	100.0%

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

Disability Status	Population	Percentage
With Any Disability	314,053	9.7%
No Disability	2,935,691	90.3%
Total	3,249,744	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	1,555,503	58.2%
Unemployed	163,602	6.1%
Not in labor force	953,379	35.7%
Total	2,672,484	100.0%

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

Individuals with Barriers to Employment	Total
Ethnic Minorities	1,826,361
Households with Cash Public Assistance or Food Stamps	85,209
Population 18 and Over with Less Than a 9 th Grade Level Education	179,561
Single Parent Households	198,561
Speak English Less Than "Very Well"	524,828
Youth Ages 10 to 24	729,621

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

Educational Attainment	Male	Percentage	Female	Percentage
Less than 9th grade	80,299	6.2%	99,262	7.7%
9th to 12th grade, no diploma	105,845	8.2%	95,244	7.4%
High school graduate (includes equivalency)	284,908	22.1%	255,513	19.8%
Some college, no degree	330,042	25.6%	327,662	25.4%
Associate's degree	99,465	7.7%	120,736	9.3%
Bachelor's degree	243,241	18.8%	256,010	19.8%
Graduate or professional degree	147,097	11.4%	136,954	10.6%
Total	1,290,897	100.0%	1,291,381	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	234,321	36.1%	53,933	4.8%
High school graduate (includes equivalency)	146,731	22.6%	199,922	17.6%
Some college or associate's degree	171,891	26.5%	386,036	34.0%
Bachelor's degree or higher	95,597	14.7%	494,235	43.6%
Total	648,540	100.0%	1,134,126	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	221,961	13.8%	11,362	11.0%	3,451	22.6%	29,460	11.7%	1,700	17.5%	57,464	40.6%	8,898	13.4%
High school graduate (includes equivalency)	305,271	19.0%	24,858	24.0%	3,916	25.6%	38,032	15.1%	2,547	26.3%	33,640	23.8%	11,427	17.2%
Some college or associate's degree	511,332	31.8%	45,027	43.5%	5,866	38.3%	67,041	26.6%	3,884	40.1%	34,819	24.6%	25,016	37.6%
Bachelor's degree or higher	566,940	35.3%	22,382	21.6%	2,066	13.5%	117,362	46.6%	1,560	16.1%	15,660	11.1%	21,180	31.8%
Total	1,605,504	100.0%	103,629	100.0%	15,299	100.0%	251,895	100.0%	9,691	100.0%	141,583	100.0%	66,521	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 tables below display MSA data as a substitute for county level data.

GDP by El Centro MSA (substitute for Imperial County)

Major Industry Sector	2014 Millions of Current Dollars
Total All Industries	\$5,655
Agriculture, Forestry, Fishing, and Hunting	(D)
Mining	(D)
Utilities	\$194
Construction	\$148
Manufacturing	\$203
Wholesale Trade	\$330
Retail Trade	\$517
Transportation and Warehousing	\$168
Information	\$55
Finance, Insurance, Real Estate, Rental, and Leasing	\$354
Professional and Business Services	\$187
Educational Services, Health Care, and Social Assistance	\$251
Arts, Entertainment, Recreation, Accommodation, and Food Services	\$121
Other Services, Except Government	\$117
Government	\$1,802

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). (D) Not shown in order to avoid the disclosure of confidential information; estimates are included in higher level totals. 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.

GDP by San Diego-Carlsbad MSA (substitute for San Diego County)

Major Industry Sector	2014 Millions of Current Dollars
Total All Industries	\$206,817
Agriculture, Forestry, Fishing, and Hunting	\$609
Mining	\$355
Utilities	\$2,782
Construction	\$6,828
Manufacturing	\$19,625
Wholesale Trade	\$9,896
Retail Trade	\$11,156
Transportation and Warehousing	\$2,081
Information	\$7,176
Finance, Insurance, Real Estate, Rental, and Leasing	\$47,298
Professional and Business Services	\$31,115
Educational Services, Health Care, and Social Assistance	\$13,540
Arts, Entertainment, Recreation, Accommodation, and Food Services	\$8,662
Other Services, Except Government	\$4,218
Government	\$41,474

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	Equipment Selection	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	Time Management	Troubleshooting	Writing	
Registered Nurses	•	•	•	•	•			•						•					•			•	•	•						
Computer User Support Specialists	•	•	•	•	•			•						•						•			•	•	•					•
Medical Assistants	•	•	•	•	•									•						•			•	•	•					•
Licensed Practical and Licensed Vocational Nurses		•	•	•					•					•						•			•	•	•		•			
Heavy and Tractor-Trailer Truck Drivers	•	•	•	•	•									•	•	•				•					•		•			
Preschool Teachers, Except Special Education		•	•	•	•					•				•						•			•	•	•		•			
Paralegals and Legal Assistants	•	•	•	•	•									•						•			•	•	•		•			•
Dental Assistants	•	•	•	•	•			•						•						•			•	•	•					•
Telecommunications Equipment Installers and Repairers, Except Line Installers	•	•	•	•	•									•		•			•	•	•							•		
Web Developers	•	•	•	•	•				•					•			•	•		•									•	
Electrical and Electronics Engineering Technicians*		•	•	•	•								•	•					•	•					•			•	•	
Dental Hygienists	•	•	•	•	•									•						•			•	•	•					•
Firefighters*		•	•	•	•				•					•		•				•			•	•	•					
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*		•	•	•	•		•								•				•	•	•							•		
First-Line Supervisors of Production and Operating Workers		•	•	•	•						•									•			•	•	•		•			•
Medical Records and Health Information Technicians		•	•	•	•				•	•				•						•				•			•			•
Aircraft Mechanics and Service Technicians		•	•	•	•	•			•							•			•	•	•							•		
Computer Network Support Specialists	•	•	•	•	•				•					•						•				•	•		•			•
Medical and Clinical Laboratory Technicians	•	•	•	•	•					•				•						•		•			•					
Library Technicians	•	•	•	•	•			•						•						•			•	•	•					•
Massage Therapists	•	•	•	•	•				•					•						•			•	•	•					•
Veterinary Technologists and Technicians	•	•	•	•	•				•					•						•			•	•	•					
Computer, Automated Teller, and Office Machine Repairers	•	•	•	•	•	•								•		•				•	•							•		
Electrical and Electronics Repairers, Commercial and Industrial Equipment		•	•	•	•										•	•				•	•	•						•		
Environmental Science and Protection Technicians, Including Health		•	•	•	•				•				•	•						•					•					•

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
Registered Nurses		•			•			•			•	•				•		•					•			•		•
Computer User Support Specialists	•					•	•	•			•	•	•			•							•				•	
Medical Assistants	•				•		•	•			•	•						•					•	•				•
Licensed Practical and Licensed Vocational Nurses				•	•			•			•	•				•		•		•			•					•
Heavy and Tractor-Trailer Truck Drivers	•							•			•	•	•	•	•	•	•							•				•
Preschool Teachers, Except Special Education	•							•			•	•	•	•						•			•	•		•		•
Paralegals and Legal Assistants	•				•	•	•	•			•	•			•	•							•	•				
Dental Assistants				•	•		•	•			•	•						•				•	•		•			
Telecommunications Equipment Installers and Repairers, Except Line Installers					•		•	•			•	•	•			•	•							•			•	
Web Developers	•				•	•	•	•	•		•	•				•									•			
Electrical and Electronics Engineering Technicians*								•	•	•	•	•				•	•					•	•					
Dental Hygienists		•		•	•		•	•			•	•						•					•	•		•		
Firefighters*	•		•	•			•				•	•			•						•			•				
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*			•	•			•	•			•	•				•	•				•							
First-Line Supervisors of Production and Operating Workers	•				•		•	•	•		•	•				•	•		•			•						
Medical Records and Health Information Technicians	•				•	•	•	•			•	•			•	•								•				
Aircraft Mechanics and Service Technicians				•			•	•			•	•				•	•				•	•		•				•
Computer Network Support Specialists	•				•	•	•	•	•		•	•	•														•	
Medical and Clinical Laboratory Technicians		•		•	•		•	•				•				•			•				•		•			
Library Technicians	•				•	•	•	•		•	•	•			•	•												
Massage Therapists	•	•			•		•				•	•						•				•		•				•
Veterinary Technologists and Technicians	•	•			•		•	•			•	•				•		•						•				
Computer, Automated Teller, and Office Machine Repairers							•	•			•	•	•			•	•				•	•				•		
Electrical and Electronics Repairers, Commercial and Industrial Equipment			•				•	•			•	•	•			•	•				•	•						
Environmental Science and Protection Technicians, Including Health		•		•	•		•	•				•	•			•					•			•				

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.