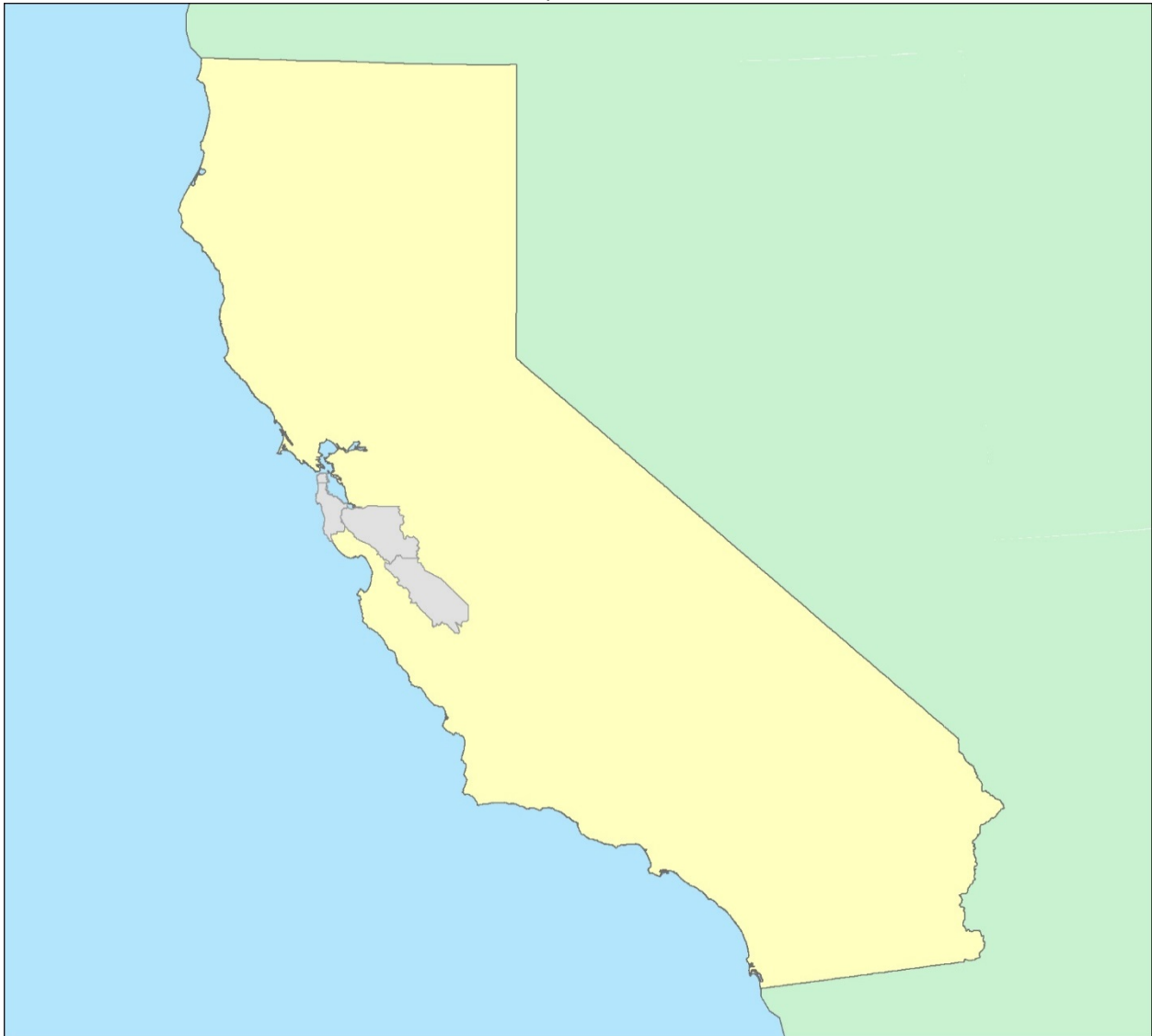


Regional Planning Unit Summary: Bay-Peninsula

Employment Development Department, Labor Market Information Division

Revised September 1, 2016



San Benito, San Francisco, San Mateo, and Santa Clara Counties

Regional Planning Unit: Bay-Peninsula

Local Workforce Development Areas: NOVA (North Valley Consortium), San Benito County, San Francisco City/County, and San Jose - Silicon Valley

Counties: San Benito, San Francisco, San Mateo, and Santa Clara

Labor Market Profile

	May 2016	May 2015	Change	Percent
Labor Market	2,050,500	2,033,000	17,500	0.9%
Employed	1,986,800	1,955,400	31,400	1.6%
Unemployed	63,600	77,500	-13,900	-17.9%
Unemployment Rate	3.1%	3.8%	-0.7%	-

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
1,198,335	672,855	323,686

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	2,163,900	1,604,800	559,100	34.8%	-
Total Farm	7,400	8,000	-600	-7.5%	0.1
Total Nonfarm	2,156,500	1,596,800	559,700	35.1%	1.0
Mining and Logging	300	200	100	50.0%	0.1
Construction	91,000	64,300	26,700	41.5%	0.9
Manufacturing	196,800	204,200	-7,400	-3.6%	1.2
Trade, Transportation and Utilities	288,200	268,300	19,900	7.4%	0.8
Information	138,600	93,900	44,700	47.6%	2.2
Financial Activities	109,000	73,000	36,000	49.3%	1.1
Professional and Business Services	499,600	315,400	184,200	58.4%	1.5
Educational and Health Services	298,900	213,900	85,000	39.7%	0.9
Leisure and Hospitality	241,300	156,600	84,700	54.1%	1.0
Other Services	68,500	51,000	17,500	34.3%	1.0
Government	224,300	156,000	68,300	43.8%	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	69,376	0.9
Computer Systems Design and Related Services	54,732	3.7
Individual and Family Services	26,095	0.9
Other Information Services	24,516	5.5
Management, Scientific, and Technical Consulting Services	22,978	1.4
Colleges, Universities, and Professional Schools	22,710	1.4
Elementary and Secondary Schools	22,451	0.6
General Medical and Surgical Hospitals	20,880	0.9
Software Publishers	17,763	4.1
Scientific Research and Development Services	17,546	2.4

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
Facilities Support Services	1,190	96.7%	1.4
Electronic Shopping and Mail Order Houses	5,480	70.6%	2.3
Other Information Services	18,400	55.5%	5.5
Management, Scientific, and Technical Consulting Services	16,820	54.8%	1.4
Other Electrical Equipment and Component Manufacturing	1,310	52.4%	1.5
Individual and Family Services	21,330	48.1%	0.9
Support Activities for Crop Production	830	48.0%	0.1
Wired Telecommunications Carriers	2,880	46.7%	0.9
Software Publishers	12,790	46.3%	4.1
Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	4,330	45.8%	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	11,321	7,414	\$136,681
Computer User Support Specialists	5,730	3,770	\$72,831
Web Developers	3,031	8,730	\$100,413
Paralegals and Legal Assistants	2,085	922	\$69,723
Licensed Practical and Licensed Vocational Nurses	1,738	609	\$59,494
Dental Assistants	1,658	715	\$47,635
Computer Network Support Specialists	1,651	41	\$87,058
Telecommunications Equipment Installers and Repairers, Except Line Installers	1,272	271	\$67,570
Firefighters	1,188	11	\$86,187
Dental Hygienists	1,168	139	\$106,933
Electrical and Electronics Engineering Technicians	1,153	507	\$65,702
Medical and Clinical Laboratory Technicians	926	204	\$57,215
Medical Records and Health Information Technicians	749	384	\$55,893
Library Technicians	744	14	\$51,464
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	719	301	\$70,412
First-Line Supervisors of Production and Operating Workers	708	857	\$67,211
Computer, Automated Teller, and Office Machine Repairers	654	12	\$46,272
Emergency Medical Technicians and Paramedics	626	122	\$48,585
Radiologic Technologists	545	255	\$98,162
Respiratory Therapists	514	119	\$96,466
Aircraft Mechanics and Service Technicians	458	38	\$81,279
Surgical Technologists	446	217	\$69,948
Medical Equipment Repairers	391	112	\$53,935
Chemical Technicians	325	85	\$52,689
Social Science Research Assistants	307	85	\$52,009

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 (\$57,712).

Demographic Data

Age	Population	Percent Share of Total Population
Under 5 Years	210,742	6.1%
5 to 9 Years	206,391	6.0%
10 to 14 Years	191,387	5.5%
15 to 17 Years	114,467	3.3%
18 and 19 Years	77,492	2.2%
20 Years	40,492	1.2%
21 Years	39,883	1.2%
22 to 24 Years	136,755	3.9%
25 to 29 Years	283,514	8.2%
30 to 34 Years	285,793	8.2%
35 to 39 Years	269,411	7.8%
40 to 44 Years	265,053	7.6%
45 to 49 Years	255,476	7.4%
50 to 54 Years	246,464	7.1%
55 to 59 Years	215,361	6.2%
60 and 61 Years	80,560	2.3%
62 to 64 Years	107,479	3.1%
65 and 66 Years	60,534	1.8%
67 to 69 Years	75,623	2.2%
70 to 74 Years	100,743	2.9%
75 to 79 Years	77,863	2.3%
80 to 84 Years	60,884	1.8%
85 Years and Older	64,999	1.9%
Total	3,467,366	100.0%

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

Gender	Population
Male	1,738,683
Female	1,728,683
Total	3,467,366

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

Median Household Income by County	Median Household Income
San Benito	\$67,874
San Francisco	\$78,378
San Mateo	\$91,421
Santa Clara	\$93,854

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	351,017	10.3%
Income in the Past 12 at or Above Poverty Level	3,069,160	89.7%
Total	3,420,177	100.0%

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

Race	Population	Percentage
Hispanic or Latino	839,362	100.0%
White Alone	486,234	57.9%
Black or African American Alone	6,950	0.8%
American Indian and Alaska Native Alone	9,033	1.1%
Asian Alone	9,831	1.2%
Native Hawaiian and Other Pacific Islander Alone	1,011	0.1%
Some Other Race Alone	279,604	33.3%
Two or More Races	46,699	5.6%
Non-Hispanic or Latino	2,628,004	100.0%
White Alone	1,296,618	49.3%
Black or African American Alone	109,398	4.2%
American Indian and Alaska Native Alone	6,686	0.3%
Asian Alone	1,073,213	40.8%
Native Hawaiian and Other Pacific Islander Alone	19,841	0.8%
Some Other Race Alone	10,469	0.4%
Two or More Races	111,779	4.3%

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

Native and Foreign Born	Population	Percentage
Native	2,218,447	64.0%
Foreign Born	1,248,919	36.0%
Total	3,467,366	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"	682,886	21.0%
Speaks English "Very Well"	895,963	27.5%
Speaks Only English	1,677,775	51.5%
Total	3,256,624	100.0%

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

Veteran Status	Population	Percentage
Male Veterans	118,242	94.2%
Female Veterans	7,279	5.8%
Total	125,521	100.0%

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

Disability Status	Population	Percentage
With Any Disability	291,220	8.4%
No Disability	3,157,994	91.6%
Total	3,449,214	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	1,761,516	62.5%
Unemployed	158,790	5.6%
Not in labor force	900,249	31.9%
Total	2,820,555	100.0%

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

Individuals with Barriers to Employment	Total
Ethnic Minorities	2,170,748
Households with Cash Public Assistance or Food Stamps	71,581
Population 18 and Over with Less Than a 9 th Grade Level Education	184,028
Single Parent Households	180,178
Speak English Less Than "Very Well"	682,886
Youth Ages 10 to 24	600,476

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

Educational Attainment	Male	Percentage	Female	Percentage
Less than 9th grade	83,241	6.1%	100,787	7.3%
9th to 12th grade, no diploma	86,779	6.3%	79,268	5.8%
High school graduate (includes equivalency)	222,476	16.3%	221,411	16.1%
Some college, no degree	272,378	19.9%	272,366	19.8%
Associate's degree	80,652	5.9%	98,194	7.1%
Bachelor's degree	352,066	25.7%	374,251	27.2%
Graduate or professional degree	271,491	19.8%	229,019	16.7%
Total	1,369,083	100.0%	1,375,296	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	159,701	32.5%	35,346	3.5%
High school graduate (includes equivalency)	121,636	24.8%	123,504	12.1%
Some college or associate's degree	123,728	25.2%	256,241	25.1%
Bachelor's degree or higher	86,175	17.5%	604,503	59.3%
Total	491,240	100.0%	1,019,594	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	126,405	9.7%	8,596	10.6%	2,508	24.0%	110,276	13.9%	1,908	14.8%	61,835	35.9%	7,201	10.2%
High school graduate (includes equivalency)	193,468	14.8%	17,249	21.3%	2,439	23.3%	99,043	12.5%	4,015	31.1%	45,877	26.6%	10,727	15.2%
Some college or associate's degree	328,077	25.1%	33,479	41.4%	3,708	35.5%	152,729	19.2%	4,688	36.3%	40,777	23.7%	21,688	30.7%
Bachelor's degree or higher	661,011	50.5%	21,488	26.6%	1,797	17.2%	431,588	54.4%	2,294	17.8%	23,789	13.8%	31,097	44.0%
Total	1,308,961	100.0%	80,812	100.0%	10,452	100.0%	793,636	100.0%	12,905	100.0%	172,278	100.0%	70,713	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 San Jose-Sunnyvale-Santa Clara MSA (substitute for San Benito and Santa Clara Counties)

Major Industry Sector	2014 Millions of Current Dollars
Total All Industries	\$213,819
Agriculture, Forestry, Fishing, and Hunting	(D)
Mining	(D)
Utilities	(D)
Construction	\$4,677
Manufacturing	\$52,119
Wholesale Trade	(D)
Retail Trade	\$9,212
Transportation and Warehousing	\$1,356
Information	\$33,818
Finance, Insurance, Real Estate, Rental, and Leasing	\$30,586
Professional and Business Services	\$36,237
Educational Services, Health Care, and Social Assistance	\$13,590
Arts, Entertainment, Recreation, Accommodation, and Food Services	\$4,793
Other Services, Except Government	\$2,469
Government	\$10,726

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 Francisco-Oakland-Hayward MSA (substitute for San Francisco and San Mateo Counties)

Major Industry Sector	2014 Millions of Current Dollars
Total All Industries	\$411,969
Agriculture, Forestry, Fishing, and Hunting	(D)
Mining	(D)
Utilities	(D)
Construction	\$13,414
Manufacturing	\$43,019
Wholesale Trade	\$18,853
Retail Trade	\$19,693
Transportation and Warehousing	(D)
Information	\$33,702
Finance, Insurance, Real Estate, Rental, and Leasing	\$97,533
Professional and Business Services	\$80,680
Educational Services, Health Care, and Social Assistance	\$25,929
Arts, Entertainment, Recreation, Accommodation, and Food Services	\$14,949
Other Services, Except Government	\$7,893
Government	\$37,617

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.

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
Registered Nurses	•	•		•	•				•					•					•			•	•	•	
Computer User Support Specialists	•	•		•	•				•					•					•			•	•	•	
Web Developers	•	•	•		•				•					•			•	•	•						•
Paralegals and Legal Assistants	•	•		•	•									•					•				•	•	•
Licensed Practical and Licensed Vocational Nurses		•		•	•					•				•					•			•	•	•	•
Dental Assistants	•	•			•				•					•					•			•	•	•	•
Computer Network Support Specialists	•	•	•		•				•					•					•				•	•	•
Telecommunications Equipment Installers and Repairers, Except Line Installers	•	•	•		•									•		•			•	•					•
Firefighters*		•		•	•				•					•		•			•			•	•	•	•
Dental Hygienists	•	•	•	•	•									•					•			•	•	•	•
Electrical and Electronics Engineering Technicians*		•	•		•								•	•					•	•			•	•	•
Medical and Clinical Laboratory Technicians	•	•	•	•	•						•			•					•		•		•	•	•
Medical Records and Health Information Technicians		•	•		•				•	•				•					•				•	•	•
Library Technicians	•	•		•	•				•					•					•			•	•	•	•
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*		•		•	•	•		•							•				•	•	•				•
First-Line Supervisors of Production and Operating Workers		•	•	•	•							•							•				•	•	•
Computer, Automated Teller, and Office Machine Repairers	•	•	•		•		•							•		•			•	•					•
Emergency Medical Technicians and Paramedics	•	•		•	•				•					•					•			•	•	•	•
Radiologic Technologists	•	•		•	•									•					•			•	•	•	•
Respiratory Therapists	•	•			•				•					•					•		•	•	•	•	•
Aircraft Mechanics and Service Technicians		•	•		•	•			•						•				•	•	•				•
Surgical Technologists	•	•	•	•	•				•	•				•					•			•			•
Medical Equipment Repairers	•		•		•	•								•		•			•	•	•				•
Chemical Technicians		•			•				•	•				•					•	•	•	•		•	•
Social Science Research Assistants	•	•	•		•								•	•				•	•				•	•	•

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	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		•			•			•			•	•	•		•		•					•			•		•	
Computer User Support Specialists	•				•	•	•	•			•	•	•		•											•		
Web Developers	•				•	•	•	•	•		•	•	•		•									•				
Paralegals and Legal Assistants	•				•	•	•	•			•	•	•	•	•							•						
Licensed Practical and Licensed Vocational Nurses				•	•			•			•	•			•		•		•			•					•	
Dental Assistants				•	•		•	•			•	•	•				•				•	•		•				
Computer Network Support Specialists	•				•	•	•	•	•		•	•	•													•		
Telecommunications Equipment Installers and Repairers, Except Line Installers					•		•	•			•	•	•		•	•							•			•		
Firefighters*	•		•	•				•			•	•	•	•		•				•			•					
Dental Hygienists		•		•	•		•	•			•	•	•				•					•		•				
Electrical and Electronics Engineering Technicians*							•	•	•		•	•	•		•	•				•	•							
Medical and Clinical Laboratory Technicians		•		•	•		•	•				•			•		•				•		•					
Medical Records and Health Information Technicians	•				•	•	•	•			•	•	•	•	•								•					
Library Technicians	•				•	•	•	•		•	•	•	•	•	•													
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*			•	•			•	•	•			•	•		•	•				•								
First-Line Supervisors of Production and Operating Workers	•				•		•		•		•	•			•	•		•			•							
Computer, Automated Teller, and Office Machine Repairers							•	•			•	•	•		•	•				•	•					•		
Emergency Medical Technicians and Paramedics				•				•			•	•	•		•		•					•	•				•	•
Radiologic Technologists		•			•		•	•			•	•	•		•		•			•		•						
Respiratory Therapists		•		•			•	•			•	•	•		•		•					•					•	
Aircraft Mechanics and Service Technicians				•				•	•			•	•		•	•				•	•		•					•
Surgical Technologists		•		•			•	•			•	•	•				•					•	•				•	
Medical Equipment Repairers	•				•		•	•	•		•	•	•			•				•	•							
Chemical Technicians				•			•				•	•	•		•	•				•	•		•					
Social Science Research Assistants	•				•	•	•	•			•	•	•		•						•				•			

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.