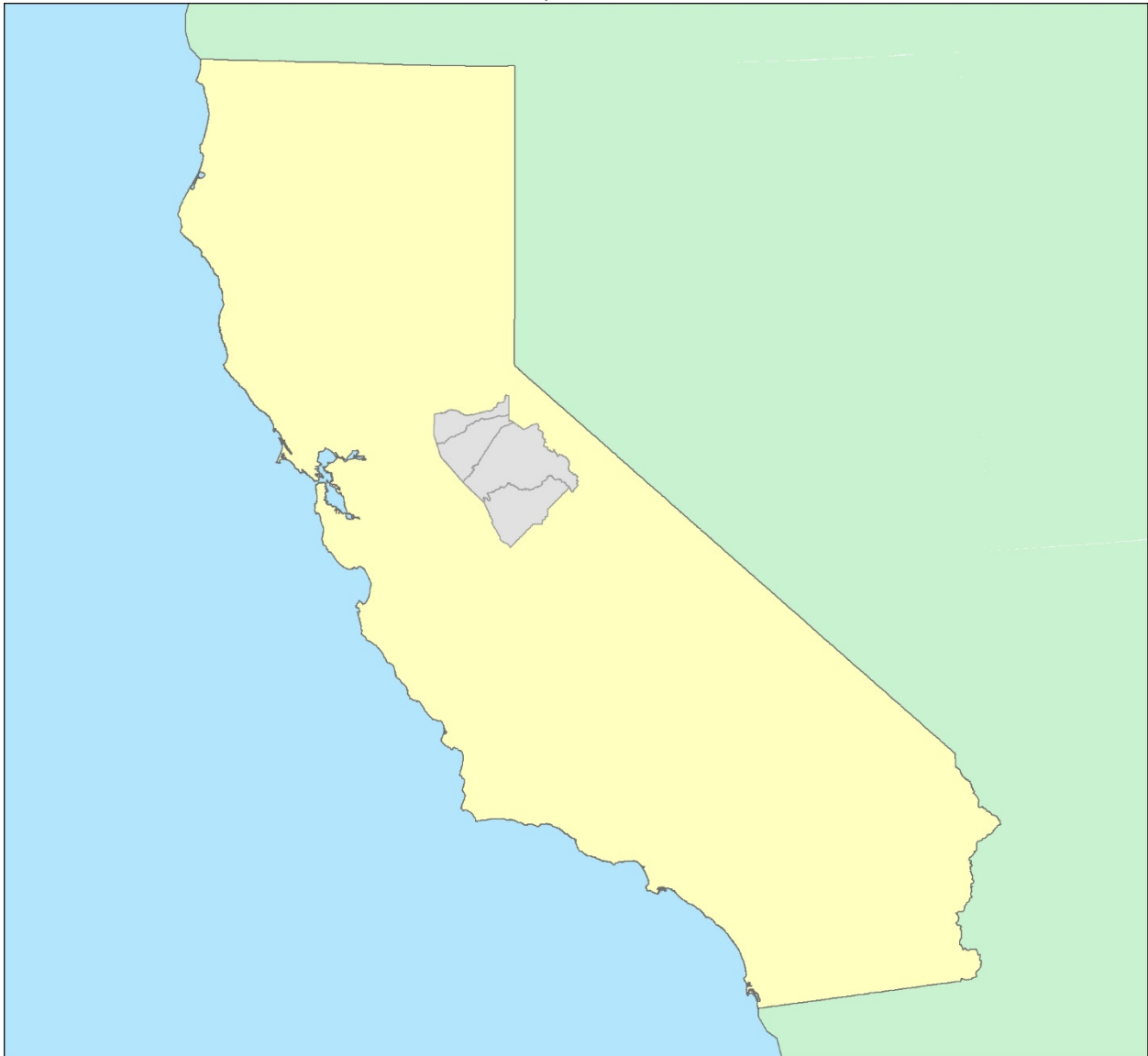


Regional Planning Unit Summary: Middle Sierra

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



Amador, Calaveras, Mariposa, and Tuolumne Counties

Regional Planning Unit: Middle Sierra

Local Workforce Development Area: Mother Lode Consortium

Counties: Amador, Calaveras, Mariposa, and Tuolumne

Labor Market Profile

	May 2016	May 2015	Change	Percent
Labor Market	64,750	65,650	-900	-1.4%
Employed	61,220	61,350	-130	-0.2%
Unemployed	3,530	4,280	-750	-17.5%
Unemployment Rate	5.5%	6.5%	-1.1%	-

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
23,353	12,950	43,908

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	44,460	40,530	3,930	9.7%	-
Total Farm	500	472	28	5.9%	0.4
Total Nonfarm	43,960	40,060	3,900	9.7%	1.0
Mining and Logging	310	301	9	3.0%	4.6
Construction	1,110	900	210	23.3%	0.6
Manufacturing	2,090	2,020	70	3.5%	0.6
Trade, Transportation and Utilities	6,680	5,780	900	15.6%	0.9
Information	470	450	20	4.4%	0.4
Financial Activities	1,000	1,050	-50	-4.8%	0.5
Professional and Business Services	2,030	1,870	160	8.6%	0.3
Educational and Health Services	6,200	5,530	670	12.1%	0.9
Leisure and Hospitality	6,950	6,340	610	9.6%	1.4
Other Services	1,240	1,020	220	21.6%	0.8
Government	15,040	14,090	950	6.7%	2.2

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	1,364	1.1
Elementary and Secondary Schools	819	1.7
Grocery Stores	557	2.2
Individual and Family Services	518	1.0
Other Amusement and Recreation Industries	323	2.6
Building Equipment Contractors	259	1.0
Offices of Physicians	232	0.9
Building Material and Supplies Dealers	223	2.9
Beverage Manufacturing	187	4.2
Services to Buildings and Dwellings	178	1.0

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
Outpatient Care Centers	150	93.8%	0.6
Individual and Family Services	440	62.9%	1.0
Management, Scientific, and Technical Consulting Services	90	60.0%	0.6
Foundation, Structure, and Building Exterior Contractors	90	56.3%	0.9
Offices of Other Health Practitioners	100	55.6%	1.0
Other Specialty Trade Contractors	90	52.9%	1.1
Building Equipment Contractors	150	45.5%	1.0
Computer Systems Design and Related Services	50	41.7%	0.2
Business, Professional, Labor, Political, and Similar Organizations	60	37.5%	2.0
Automotive Parts, Accessories, and Tire Stores	70	36.8%	2.0

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 Middle-Skill, Middle-Wage or Higher Occupations

Top Middle-Skill, Middle-Wage or Higher Occupations	Total Projected Job Openings 2012-2022	HWOL Job Ads	Median Annual Wage 2016 1st Quarter
Registered Nurses	383	207	\$102,951
Firefighters	174	13	\$43,701
Nursing Assistants	124	31	\$35,600
Forest and Conservation Technicians	122	54	\$32,411
Heavy and Tractor-Trailer Truck Drivers	112	122	\$40,952
Medical Assistants	104	22	\$33,538
Licensed Practical and Licensed Vocational Nurses	72	38	\$55,019
Dental Assistants	67	17	\$41,493
Dental Hygienists	61	3	\$106,168
First-Line Supervisors of Production and Operating Workers	54	18	\$61,497
Veterinary Technologists and Technicians	49	1	\$37,557
Library Technicians	42	1	\$38,072
Medical Records and Health Information Technicians	41	13	\$44,032
First-Line Supervisors of Fire Fighting and Prevention Workers	40	7	\$75,440
Computer User Support Specialists	36	9	\$44,760
Diagnostic Medical Sonographers	26	4	\$77,408
Surgical Technologists	24	4	\$56,903
Telecommunications Equipment Installers and Repairers, Except Line Installers	20	6	\$61,112
Physical Therapist Assistants	14	36	\$57,163
Electrical and Electronics Repairers, Commercial and Industrial Equipment	14	0	\$58,422
Electrical and Electronics Engineering Technicians	8	3	\$84,077
Computer Network Support Specialists	8	0	\$103,190
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	5	8	\$46,746
Architectural and Civil Drafters	3	3	\$57,051

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 (\$37,284).

Demographic Data

Age	Population	Percent Share of Total Population
Under 5 Years	6,063	3.9%
5 to 9 Years	7,818	5.1%
10 to 14 Years	7,321	4.7%
15 to 17 Years	5,423	3.5%
18 and 19 Years	3,247	2.1%
20 Years	1,554	1.0%
21 Years	1,370	0.9%
22 to 24 Years	4,543	2.9%
25 to 29 Years	7,438	4.8%
30 to 34 Years	7,473	4.8%
35 to 39 Years	7,029	4.6%
40 to 44 Years	8,734	5.7%
45 to 49 Years	10,408	6.7%
50 to 54 Years	13,051	8.5%
55 to 59 Years	13,843	9.0%
60 and 61 Years	5,445	3.5%
62 to 64 Years	8,557	5.5%
65 and 66 Years	5,272	3.4%
67 to 69 Years	6,822	4.4%
70 to 74 Years	8,732	5.7%
75 to 79 Years	5,925	3.8%
80 to 84 Years	4,449	2.9%
85 Years and Older	3,856	2.5%
Total	154,373	100.0%

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

Gender	Population
Male	79,696
Female	74,677
Total	154,373

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

Median Household Income by County	Median Household Income
Amador	\$52,964
Calaveras	\$54,936
Mariposa	\$50,560
Tuolumne	\$48,493

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	19,975	13.7%
Income in the Past 12 at or Above Poverty Level	125,673	86.3%
Total	145,648	100.0%

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

Race	Population	Percentage
Hispanic or Latino	17,402	100.0%
White Alone	11,626	66.8%
Black or African American Alone	63	0.4%
American Indian and Alaska Native Alone	422	2.4%
Asian Alone	77	0.4%
Native Hawaiian and Other Pacific Islander Alone	37	0.2%
Some Other Race Alone	3,772	21.7%
Two or More Races	1,405	8.1%
Non-Hispanic or Latino	136,971	100.0%
White Alone	125,737	91.8%
Black or African American Alone	2,214	1.6%
American Indian and Alaska Native Alone	2,187	1.6%
Asian Alone	1,952	1.4%
Native Hawaiian and Other Pacific Islander Alone	356	0.3%
Some Other Race Alone	385	0.3%
Two or More Races	4,140	3.0%

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

Native and Foreign Born	Population	Percentage
Native	146,366	94.8%
Foreign Born	8,007	5.2%
Total	154,373	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"	3,953	2.7%
Speaks English "Very Well"	8,228	5.5%
Speaks Only English	136,129	91.8%
Total	148,310	100.0%

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

Veteran Status	Population	Percentage
Male Veterans	15,955	95.1%
Female Veterans	815	4.9%
Total	16,770	100.0%

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

Disability Status	Population	Percentage
With Any Disability	26,758	18.3%
No Disability	119,517	81.7%
Total	146,275	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	56,531	43.0%
Unemployed	9,146	7.0%
Not in labor force	65,717	50.0%
Total	131,394	100.0%

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

Individuals with Barriers to Employment	Total
Ethnic Minorities	28,636
Households with Cash Public Assistance or Food Stamps	6,292
Population 18 and Over with Less Than a 9th Grade Level Education	3,225
Single Parent Households	8,458
Speak English Less Than "Very Well"	3,953
Youth Ages 10 to 24	23,458

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

Educational Attainment	Male	Percentage	Female	Percentage
Less than 9th grade	1,924	2.9%	1,301	2.1%
9th to 12th grade, no diploma	6,313	9.5%	4,062	6.6%
High school graduate (includes equivalency)	19,849	29.9%	16,521	26.9%
Some college, no degree	20,513	30.9%	20,929	34.1%
Associate's degree	5,653	8.5%	5,998	9.8%
Bachelor's degree	8,367	12.6%	8,814	14.4%
Graduate or professional degree	3,746	5.6%	3,758	6.1%
Total	66,365	100.0%	61,383	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	2,933	27.6%	6,888	7.0%
High school graduate (includes equivalency)	2,787	26.3%	27,755	28.2%
Some college or associate's degree	3,979	37.5%	41,886	42.5%
Bachelor's degree or higher	912	8.6%	22,064	22.4%
Total	10,611	100.0%	98,593	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	8,401	8.0%	581	31.3%	521	24.5%	300	20.4%	83	25.5%	1,203	40.8%	540	18.7%
High school graduate (includes equivalency)	29,600	28.1%	462	24.9%	771	36.3%	416	28.3%	98	30.1%	675	22.9%	589	20.4%
Some college or associate's degree	44,711	42.4%	575	31.0%	633	29.8%	354	24.1%	118	36.2%	905	30.7%	1,367	47.3%
Bachelor's degree or higher	22,706	21.5%	238	12.8%	199	9.4%	400	27.2%	27	8.3%	166	5.6%	395	13.7%
Total	105,418	100.0%	1,856	100.0%	2,124	100.0%	1,470	100.0%	326	100.0%	2,949	100.0%	2,891	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.

GDP data are not available for the Middle Sierra Regional Planning Unit, as neither Amador, Calaveras, Mariposa, nor Tuolumne Counties belong to an MSA.

Skill Requirements for Top 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	Quality Control Analysis	Reading Comprehension	Repairing	Service Orientation	Social Perceptiveness	Speaking	Systems Analysis	Time Management	Troubleshooting	Writing	
Registered Nurses	•	•	•	•	•		•					•			•	•	•	•								
Firefighters*		•	•	•	•			•				•		•		•	•	•	•							
Nursing Assistants	•	•	•	•	•							•				•	•	•	•						•	
Forest and Conservation Technicians		•	•	•	•			•	•	•		•				•				•						
Heavy and Tractor-Trailer Truck Drivers		•	•	•	•	•						•	•	•		•				•			•			
Medical Assistants	•	•	•	•	•							•				•	•	•	•						•	
Licensed Practical and Licensed Vocational Nurses		•	•	•	•			•				•				•	•	•	•			•				
Dental Assistants	•	•	•	•	•		•					•				•	•	•	•						•	
Dental Hygienists	•	•	•	•	•							•				•	•	•	•						•	
First-Line Supervisors of Production and Operating Workers		•	•	•	•					•						•			•	•		•			•	
Veterinary Technologists and Technicians	•	•	•	•	•					•		•				•	•	•	•							
Library Technicians	•	•	•	•	•		•					•				•	•	•	•						•	
Medical Records and Health Information Technicians		•	•	•	•			•	•			•				•				•			•		•	
First-Line Supervisors of Fire Fighting and Prevention Workers*		•	•	•	•					•		•				•	•	•	•							
Computer User Support Specialists	•	•	•	•	•		•					•				•	•	•	•						•	
Diagnostic Medical Sonographers	•	•	•	•	•		•					•				•			•			•		•	•	
Surgical Technologists	•	•	•	•	•		•	•				•				•	•									
Telecommunications Equipment Installers and Repairers, Except Line Installers	•	•	•	•	•							•		•	•	•	•							•		
Physical Therapist Assistants	•	•	•	•	•				•			•				•	•	•	•							
Electrical and Electronics Repairers, Commercial and Industrial Equipment		•	•	•	•	•							•	•	•	•	•							•		
Electrical and Electronics Engineering Technicians*		•	•	•	•						•	•				•	•			•			•	•		
Computer Network Support Specialists	•	•	•	•	•		•					•				•				•	•			•	•	
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*		•	•	•	•	•	•						•		•	•	•							•		
Architectural and Civil Drafters*	•	•	•	•	•			•			•	•				•				•	•					

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 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		•			•			•			•	•				•		•					•			•			
Firefighters*	•		•	•				•			•	•			•			•			•			•					
Nursing Assistants					•		•	•			•	•						•	•				•	•				•	
Forest and Conservation Technicians		•					•	•			•	•		•	•									•	•				•
Heavy and Tractor-Trailer Truck Drivers	•							•			•	•		•	•			•	•					•	•				•
Medical Assistants	•				•		•	•			•	•						•					•	•				•	
Licensed Practical and Licensed Vocational Nurses				•	•			•			•	•				•		•		•			•	•				•	
Dental Assistants				•	•		•	•			•	•						•				•	•		•				
Dental Hygienists		•		•	•		•	•			•	•						•				•	•		•				
First-Line Supervisors of Production and Operating Workers	•				•		•	•			•	•				•	•		•			•							
Veterinary Technologists and Technicians	•	•			•		•	•			•	•				•		•							•				
Library Technicians	•				•	•	•	•		•	•				•	•													
Medical Records and Health Information Technicians	•				•	•	•	•			•	•			•	•								•					
First-Line Supervisors of Fire Fighting and Prevention Workers*	•		•	•				•			•	•						•		•			•	•					
Computer User Support Specialists	•				•	•	•	•			•	•				•											•		
Diagnostic Medical Sonographers		•			•	•	•	•			•	•				•		•			•		•	•					
Surgical Technologists		•		•			•	•			•	•					•		•				•	•				•	
Telecommunications Equipment Installers and Repairers, Except Line Installers					•		•	•			•	•				•	•							•			•		
Physical Therapist Assistants		•			•		•	•			•	•						•					•	•			•		•
Electrical and Electronics Repairers, Commercial and Industrial Equipment			•				•	•			•	•				•	•					•	•						
Electrical and Electronics Engineering Technicians*							•	•	•		•	•				•	•				•	•							
Computer Network Support Specialists	•				•	•	•	•			•	•															•		
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*			•	•			•	•	•		•	•				•	•				•								
Architectural and Civil Drafters*			•				•	•	•		•	•		•	•									•					

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.