How Customers Use Labor Market Information

Labor Market Information Advisory Group
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Employment Development Department
State of California

LaborMarketInfo

Topics of Discussion

- Who we are and what we do
- Who are our customers?
- What tools are available for our customers?
- Questions and answers

Who We Are and What We Do

- A division of the Employment Development Department Workforce Services Branch.
- Collect, research, analyze, and publish statistical information to support labor market research, program planning, economic development, and career exploration.
- Main office in Sacramento with a network of Labor Market Consultants with offices across California.

LISG Regions

Local Information Services Group Regions

Labor Market Information Division

Revised: March 2016

Labor Market Information Division: What We Do & Who We Serve

What We Do

Division Services Team
Business operations including: budget, personnel, and facilities; approval and processing of confidential data requests; administers LMID's information dissemination systems

Employment & Payroll
Universe counts of employment and wages by industry; assigns employer industry codes; employer locations; adhoc requests

Current Economic Statistics
Monthly estimates of labor force and agricultural and non agricultural employment; economic analysis; uses Geographic Information Systems to conduct analyses and create maps

Occupational Survey
Administers employment statistics; produces occupational wage, and staffing patterns

Collection
Processing
Analysis
Publication
Website
Consultant Services

Applied Research Team
Conducts applied research and develops collaborative projects with public and private research organizations

Regional Analysis & Support
Conducts regional industry cluster/sector analyses; develops occupational products and analyses based on data-driven findings; industry and occupational employment projections

Local Information Services
Information resource; primary customer contact; customized consulting services

LMID Primary Customers

Government	Employers	Workforce Development Boards	Economic Development	Education	Job Center Services for Job Seekers	Researchers

How Information Is Used

Public Policy Development	Wage & Compensation Administration	Strategic Long/Short Term Planning	Community Planning	Academic Program Planning	Job Outlook & Career Planning	Public Policy Decisions
Key Economic Indicators	Development of Worker Skills & Worker Recruitment	Workforce Development	Economic Trend Analysis	Curriculum Development	Skills Assessment & Development	Wage Mobility Studies
Occupational Employment & Wage Estimates	Business Expansion & Relocation	Regional Industry & Occupational Forecasting	Employee Recruitment	Career Counseling	Wage & Employer Information	Applies Research Studies
Identify Growth Industries & Occupations	Mergers & Consolidations	Federal & State Grant Preparation	Business Expansion & Retention	Job Placement Assistance	Occupational Descriptions & Training	Raw Industry & Occupational Data

How Customers Use LMI

EDD and Workforce Development Boards

- **Strategic Planning**
- **Workforce Development**
- **Local Industry and Occupational Forecasting**
- **Federal and State Grant Preparation**

Government

- **Public Policy Development**
- **Key Economic Indicators**
- **Identify Growth Industries and Occupations**
- **Occupational Information**

Economic Development

- **Community Planning**
- **Business Retention and Expansion**
- **Economic Trend Analysis**
- **Employee Recruitment**

How Customers Use LMI

Job Seekers

- Career Planning
- Wage and Benefits
- Skills Assessment
- Relocation Decisions

Employers

- Wage and Benefits
- Employee Recruitment
- Business Retention and Expansion
- Mergers and Consolidations

Researchers

- Public Policy Development
- Applied Research Studies
- Raw Industry and Occupational Data
- Industry Cluster and Skills Gap Analysis

What LMI Can Do For You

January 20, 2017

Employment Development Department
Labor Market Information Division
(916) 262-2162

Sacramento--Roseville--Arden-Arcade MSA

(El Dorado, Placer, Sacramento, and Yolo Counties)

Industry Employment & Labor Force
March 2015 Benchmark

Data Not Seasonally Adjusted

	Dec 15	Oct 16	Nov 16 Revised	Dec 16 Prelim	Percent Change Month	Percent Change Year
Civilian Labor Force (1)	1,058,400	1,087,100	1,085,700	1,076,900	-0.8%	1.7%
Civilian Employment	1,000,700	1,030,600	1,032,800	1,024,600	-0.8%	2.4%
Civilian Unemployment	57,700	56,500	52,900	52,300	-1.1%	-9.4%
Civilian Unemployment Rate	5.5%	5.2%	4.9%	4.9%		
(CA Unemployment Rate)	5.7%	5.3%	5.0%	5.0%		
(U.S. Unemployment Rate)	4.8%	4.7%	4.4%	4.5%		
Total, All Industries (2)	937,000	961,200	968,300	966,200	-0.2%	3.1%
Total Farm	7,800	9,500	8,000	7,700	-3.8%	-1.3%
Total Nonfarm	929,200	951,700	960,300	958,500	-0.2%	3.2%
Total Private	696,600	713,100	720,100	722,500	0.3%	3.7%
Goods Producing	89,400	95,400	96,600	93,100	-3.6%	4.1%
Mining, Logging, and Construction	52,900	58,500	59,800	56,400	-5.7%	6.6%
Mining and Logging	600	500	500	500	0.0%	-16.7%
Construction	52,300	58,000	59,300	55,900	-5.7%	6.9%
Construction of Buildings	10,600	12,300	12,200	11,700	-4.1%	10.4%
Specialty Trade Contractors	35,500	39,600	40,800	39,100	-4.2%	10.1%
Building Foundation & Exterior Contractors	10,000	11,100	11,300	10,600	-6.2%	6.0%
Building Equipment Contractors	13,700	15,300	15,400	15,300	-0.6%	11.7%
Building Finishing Contractors	7,500	8,800	8,800	8,600	-2.3%	14.7%
Manufacturing	36,500	36,900	36,800	36,700	-0.3%	0.5%
Durable Goods	25,400	25,700	25,700	25,700	0.0%	1.2%
Computer & Electronic Product Manufacturing	6,600	6,800	6,800	6,800	0.0%	3.0%
Nondurable Goods	11,100	11,200	11,100	11,000	-0.9%	-0.9%
Food Manufacturing	3,300	3,700	3,600	3,600	0.0%	9.1%

Interactive Tools

Labor Force and Unemployment Interactive Map

The interactive maps below displays both seasonally and non-seasonally adjusted California Labor Force and Unemployment data for California and its areas. These maps and associated data are updated monthly at the time of the official EDD Press Release.

County | City-and-Sub-County | Metropolitan Area | Statewide

California Labor Force & Unemployment Rates by County

Select a Date: December, 2016

Search by County:

Seasonally Adjusted (Y/N): N

County Map

County Data Table

Area Name	Labor Force	Employment	Unemployment	Unemployment Rate
Alameda County	836,100	804,400	31,700	3.80%
Alpine County	610	580	30	4.80%
Amador County	14,720	13,880	840	5.70%
Butte County	102,800	96,400	6,400	6.30%
Calaveras County	20,450	19,330	1,110	5.40%
Colusa County	10,680	8,600	2,090	19.50%
Contra Costa County	556,500	534,500	22,100	4.00%
Del Norte County	9,530	8,860	660	6.90%
El Dorado County	90,500	86,200	4,300	4.70%
Fresno County	441,200	399,200	42,000	9.50%
Glenn County	12,960	11,840	1,120	8.60%
Humboldt County	62,100	59,330	2,770	4.50%
Imperial County	77,000	62,500	14,500	18.80%
Inyo County	9,000	8,560	440	4.80%
Kern County	391,400	352,500	38,900	9.90%
Kings County	57,400	51,700	5,700	9.90%
Lake County	29,260	27,280	1,980	6.80%
Lassen County	10,870	10,130	730	6.70%
Los Angeles County	5,071,100	4,831,200	239,900	4.70%
Madera County	60,900	55,100	5,800	9.40%
Marin County	144,400	140,200	4,200	2.90%
Mariposa County	7,460	6,920	540	7.20%
Mendocino County	39,720	37,610	2,100	5.30%
Merced County	115,300	102,900	12,400	10.80%
Modoc County	3,200	2,910	290	8.90%
Mono County	9,090	8,700	390	4.30%
Monterey County	209,500	188,800	20,700	9.90%

Interactive Maps and Data Tables

Statewide | Economic Markets | Sub-Markets | Regional Planning Units | Methodology

Economic Analysis - Economic Markets

Select an Economic Market using the drop-down menu below

Sacramento

Select an Industry Cluster to view the Occupations within that cluster

Agriculture, Food, and Beverage Processing

Economic Markets

Industry Clusters

Clusters	New Job Openings	Replacement Job Openings	Total Projected Job Openings
Hospitality and Tourism	18,310	30,516	48,826
Retail	16,360	28,568	44,928
Health Care Services	23,100	18,595	41,695
Education and Training	11,530	23,412	34,942
Construction Materials and Se..	22,110	7,642	29,752
Business Services	15,980	13,276	29,256
Social Services	14,780	4,226	19,006
Professional and Technical Se..	10,560	7,946	18,506
Financial Services and Real E..	7,770	10,614	18,384
Information and Communicati..	6,010	5,460	11,470
Transportation and Logistics	4,460	5,068	9,528

Occupations

Filter Occupations by Entry Level Education Requirement (National Standard)

(All)

SOC Title	SOC Code	Entry Level Education	Median Hourly Wages	Median Annual Wage	New Job Openings	Replacement Job Openings	Total Projected Job Openings	Online Job Ads (HWOL)
Accountants and Auditors	13-2011	Bachelor's degree	$31.52	$65,561.00	30	33	63	838
Administrative Services Managers	11-3011	Bachelor's degree	$41.98	$87,312.00	10	2	12	30
Agricultural Equipment Operators	45-2091	Less than high school	$9.66	$20,077.00	150	218	368	6
Agricultural Inspectors	45-2011	Bachelor's degree	$20.05	$41,710.00	10	9	19	1
Agricultural and Food Science Technicians	19-4011	Associate's degree	$15.93	$33,136.00	0	14	14	22
Bakers	51-3011	Less than high school	$13.85	$28,794.00	0	87	87	16

Source: California Employment Development Department, Projections of Employment 2012-2022. Occupational Employment Statistics (OES) Wage Survey, updated to 3rd Q, 2015. Additional wage data can be found at the OES Employment and Wages by Occupation http://www.labormarketinfo.ca.gov/data/oes-employment-and-wages.html. U.S. Department of Labor's Occupational Information Network (O*NET) at www.onetonline.org. *The Conference Board Help Wanted OnLineTM (HWOL) Data Series, mid monthly totals from September to December 2015.*

Industry Projections

Employment Development Department

Labor Market Information Division

Published: August 2016

California

Industry Employment Projections 2014-2024

NAICS Code*	Industry Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024	Percent Change 2014-2024	Annual Average Percent Change
	Total Employment	**17,135,000**	**19,720,500**	**2,585,500**	**15.1%**	**1.5%**
	Self Employment (A)	**1,096,800**	**1,272,400**	**175,600**	**16.0%**	**1.6%**
	Private Household Workers (B)	**36,200**	**40,600**	**4,400**	**12.2%**	**1.2%**
	Total Farm	**416,400**	**467,500**	**51,100**	**12.3%**	**1.2%**
	Total Nonfarm	**15,585,600**	**17,940,000**	**2,354,400**	**15.1%**	**1.5%**
1133,21	**Mining and Logging**	**31,600**	**31,200**	**-400**	**-1.3%**	**-0.1%**
1133	**Logging**	**2,000**	**1,700**	**-300**	**-15.0%**	**-1.5%**
21	**Mining, Quarrying, and Oil and Gas Extraction**	**29,600**	**29,500**	**-100**	**-0.3%**	**0.0%**
211	Oil and Gas Extraction	10,600	12,000	1,400	13.2%	1.3%
212	Mining (except Oil and Gas)	5,500	4,900	-600	-10.9%	-1.1%
213	Support Activities for Mining	13,500	12,600	-900	-6.7%	-0.7%
23	**Construction**	**674,100**	**890,800**	**216,700**	**32.1%**	**3.2%**
236	Construction of Buildings	155,200	195,700	40,500	26.1%	2.6%
2361	Residential Building Construction	94,200	121,500	27,300	29.0%	2.9%
2362	Nonresidential Building Construction	61,000	74,200	13,200	21.6%	2.2%
237	Heavy and Civil Engineering Construction	77,500	88,900	11,400	14.7%	1.5%
2371	Utility System Construction	40,300	47,100	6,800	16.9%	1.7%
2372	Land Subdivision	7,800	9,100	1,300	16.7%	1.7%
2373	Highway, Street, and Bridge Construction	21,700	26,600	4,900	22.6%	2.3%
2379	Other Heavy and Civil Engineering Construction	7,800	6,100	-1,700	-21.8%	-2.2%
238	Specialty Trade Contractors	441,300	606,200	164,900	37.4%	3.7%
2381	Foundation, Structure, and Building Exterior Contractors	89,200	132,900	43,700	49.0%	4.9%
2382	Building Equipment Contractors	184,100	251,600	67,500	36.7%	3.7%

Occupational Projections

Employment Development Department

Labor Market Information Division

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California

Occupational Employment Projections

2014-2024

SOC Code*	Occupational Title	Estimated Employment 2014**	Projected Employment 2024	Numeric Change 2014-2024 [1]	Percent Change 2014-2024	Annual Average Percent Change	Average Annual Job Openings			2016 First Quarter Wages [5]		Education and Training Levels [7]		
							New Jobs [2]	Replace-ment Needs [3]	Total Jobs [4]	Median Hourly	Median Annual	Entry Level Education	Work Experience	On-the-Job Training
00-0000	**Total, All Occupations**	**17,135,000**	**19,720,500**	**2,585,500**	**15.1%**	**1.5%**	**265,110**	**396,220**	**661,330**	**$19.49**	**$40,543**			
11-0000	**Management Occupations**	**1,161,100**	**1,345,300**	**184,200**	**15.9%**	**1.6%**	**18,440**	**25,810**	**44,250**	**$54.33**	**$113,008**			
11-1000	Top Executives	314,800	359,300	44,500	14.1%	1.4%	4,450	7,600	12,050	N/A	N/A			
11-1011	Chief Executives	43,000	45,500	2,500	5.8%	0.6%	250	730	980	N/A	N/A	3	≥5 years	None
11-1021	General and Operations Managers	268,700	310,700	42,000	15.6%	1.6%	4,200	6,800	11,000	$51.47	$107,073	3	≥5 years	None
11-1031	Legislators	3,100	3,100	0	0.0%	0.0%	0	70	70	[6]	$56,018	3	<5 years	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	112,000	129,700	17,700	15.8%	1.6%	1,770	2,760	4,520	N/A	N/A			
11-2011	Advertising and Promotions Managers	4,100	4,700	600	14.6%	1.5%	70	130	200	$47.97	$99,787	3	<5 years	None
11-2021	Marketing Managers	33,300	40,600	7,300	21.9%	2.2%	720	790	1,510	$75.28	$156,572	3	≥5 years	None
11-2022	Sales Managers	67,700	76,400	8,700	12.9%	1.3%	870	1,600	2,470	$55.05	$114,492	3	<5 years	None
11-2031	Public Relations and Fundraising Managers	6,900	8,000	1,100	15.9%	1.6%	110	240	350	$57.70	$119,998	3	≥5 years	None
11-3000	Operations Specialties Managers	230,100	268,800	38,700	16.8%	1.7%	3,870	4,830	8,700	N/A	N/A			
11-3011	Administrative Services Managers	41,300	47,600	6,300	15.3%	1.5%	640	770	1,410	$45.35	$94,332	3	<5 years	None
11-3021	Computer and Information Systems Managers	50,100	65,300	15,200	30.3%	3.0%	1,530	590	2,120	$75.68	$157,401	3	≥5 years	None
11-3031	Financial Managers	74,800	84,500	9,700	13.0%	1.3%	970	1,770	2,740	$63.73	$132,575	3	≥5 years	None
11-3051	Industrial Production Managers	19,600	20,400	800	4.1%	0.4%	90	560	640	$47.68	$99,163	3	≥5 years	None
11-3061	Purchasing Managers	8,600	9,500	900	10.5%	1.0%	90	200	290	$54.61	$113,582	3	≥5 years	None
11-3071	Transportation, Storage, and Distribution Managers	15,100	17,200	2,100	13.9%	1.4%	210	330	540	$43.23	$89,911	7	≥5 years	None

Website Home Page

www.labormarketinfo.edd.ca.gov

Labor Market Information

The Labor Market Information Division (LMID) is the official source for California Labor Market Information. The LMID promotes California's economic health by providing information to help people understand California's economy and make informed labor market choices. We collect, analyze, and publish statistical data and reports on California's labor force, industries, occupations, employment projections, wages and other important labor market and economic data.

California Labor Market - Current Status

California Labor Market Indicators

Metrics	November, 2016	December, 2016	Change	
Unemployment Rate	5.3%	5.2%	-0.1	↓
Labor Force	19,454,500	19,385,600	-68,900	↓
Employment	18,416,100	18,376,600	-39,500	↓
Unemployment	1,038,300	1,009,000	-29,300	↓
Non Farm Jobs	16,602,900	16,606,600	3,700	↑

Data Source: EDD Labor Market Information Division:: Note: November 2016 data is revised and December 2016 is preliminary

Unemployment Rate Trend

★ LMI by Customer

- Job Seekers and Students
- Employers
- Economic Developers
- Educators and Trainers
- Workforce Partners
- **More...**

★ LMI by Subject

- Unemployment Rate and Labor Force
- Industries
- Occupations
- Employment Projections
- Wages
- **More...**

★ LMI by Geography

- California
- Counties
- Metropolitan Areas
- Local Workforce Development Areas
- Regional Economic Areas
- **More...**

★ LMI Data Library

- EDD Data Library
- Historical Labor Force Data
- Local Area Profiles
- Major Employers by County
- Online Job Vacancy Statistics
- **More...**

★ Online Services

- What's New in LMI
- California Occupational Guides
- GIS Services and Maps
- Interactive Maps and Data Tools
- Labor Market Publications
- **More...**

★ General Information

- Contact LMI
- Custom Data Services
- Data Release Schedule
- Labor Market Information FAQs
- Website User Survey
- **More...**

Geographic Information Systems (GIS) Product

Manufacturing in Shasta County

Industry Background

Manufacturing represents four percent of employment in Shasta County, or more than 2,200 jobs. Employment projections in this industry for 2008-2018 project a 7.1 percent decline over 10 years. Manufacturing is composed of Durable Goods (normal life expectancy of three years or more) and Non Durable goods (normal life expectancy of less than three years). Durable Goods is projected to decrease by 8.7 percent, while Nondurable goods is projected to remain even during the projection period.

Industry Makeup

NAICS Code	Description	Employment Concentration*	Number of Establishments	Average Monthly Employment	Average Weekly Pay
31-33	Manufacturing	0.47	146	2,274	$822
311	Food Manufacturing	0.12	8	71	$404
312	Beverage & Tobacco Product Manufacturing	0.53	5	87	$872
321	Wood Product Manufacturing	8.33	12	670	$927
323	Printing and Related Support Activities	0.43	13	76	$540
325	Chemical Manufacturing	0.33	5	96	$933
327	Nonmetallic Mineral Product Manufacturing	3.70	14	415	$936
332	Fabricated Metal Product Manufacturing	0.39	24	178	$693
333	Machinery Manufacturing	0.88	16	230	$760
334	Computer and Equipment Product Manufacturing	0.09	3	98	$868
335	Electrical Equipment and Appliances	0.18	3	20	$843
336	Transportation Equipment Manufacturing	0.07	6	30	$518
337	Furniture and Related Product Manufacturing	0.44	9	54	$683
339	Miscellaneous Manufacturing	0.51	24	160	$595

Source: U.S. Department of Labor, Bureau of Labor Statistics, and Quarterly Census of Employment and Wages (QCEW), 2010 Annual Average

*Employment concentration refers to an industry's level of specialization. For the data above, Shasta County was compared to California. If employment concentration is over 1.0, that

Shasta Cascade Region
Industry Clusters of Opportunity
Concentration in Comparison to California - 2012
2.5
2.0
1.5
1.0
0.5
0.0
-5%
-4%
-3%
-2%
-1%
0%
1%
2%
3%
4%
Compound Annual Growth Rate 2002 - 2012
Health and Allied Services, 12,001
Transportation and Logistics, 2,411
Construction and Related Services, 4,707
Agriculture, Food, and Beverage, 1,926
Finance and Business Services, 6,210
Arts, Entertainment, and Tourism, 8,406
Specialized Manufacturing, 1,088

April 2014 Employment Snapshot
Tehama County

Unemployment Rates (Unadjusted)*

10.1% Tehama County

7.3% California

5.9% United States

Labor Force*.....24,720

People Employed*.....22,220

People Unemployed*.....2,510

Change in Employment by Industry*

Industry	Apr-13	Mar-14	Mar-14	Month-Over Gain or Loss
Total, All Industries	15,780	16,250	16,440	190
Government	3,940	3,970	4,030	60
Educational & Health Services	2,460	2,520	2,550	30
Trade, Transportation & Utilities	3,400	3,490	3,520	30
Manufacturing	1,630	1,610	1,630	20
Leisure & Hospitality	1,210	1,290	1,310	20
Total Farm	1,170	1,380	1,390	10
Mining and Logging	130	120	130	10
Construction	470	560	570	10
Professional & Business Services	620	620	620	0
Other Services	340	290	290	0
Financial Activities	340	330	330	0
Information	70	70	70	0

Employers with Most Job Ads*

A+ Educational Center
Dignity Health
National Park Service
St. Elizabeth Community Hospital
Walmart

Occupations with Most Job Ads*

Registered Nurses
Tutors
First-Line Supervisors of Retail Sales Workers
Heavy & Tractor-Trailer Truck Drivers
Farmworkers, Farm, & Ranch Animals

SOC Code	Occupation Title	San Jose MSA (Gilroy) Median Wage	Modesto MSA (Turlock) Median Wage
51-6011	Laundry and Dry-Cleaning Workers	$10.74	$9.04
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	$11.38	$12.32
53-3031	Driver/Sales Workers	$9.78	$8.11
53-3032	Truck Drivers, Heavy and Tractor-Trailer	$19.69	$18.82
53-3033	Truck Drivers, Light or Delivery Services	$14.49	$14.09
49-9041	Industrial Machinery Mechanics	$28.15	$25.43
49-3023	Automotive Service Technicians and Mechanics	$24.78	$19.90
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	$27.38	$20.60
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	$12.41	$11.94

Source: http://www.labormarketinfo.edd.ca.gov. These survey data are from the 2008 Occupational Employment Statistics (OES) survey. The wages have all been updated to the first quarter of 2009 by applying the US Department of Labor's Employment Cost Index to the 2008 wages. Occupations are classified using the Standard Occupational Classification (SOC) codes. For details of the methodology, see the Overview of the OES Survey at http://www.labormarketinfo.edd.ca.gov.

Questions?

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EDD Employment Development Department
State of California

LaborMarketInfo