

Explore Careers Using Labor Market Information

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Topics of Discussion

- What Is Labor Market Information (LMI)?
- Explore Careers Using Labor Market Information
 - I Just Don't Know
 - How Would I Be Living?
 - Is It Cool? Would I Like It?
 - Would It Be Hard To Get This Job?
 - Are They Hiring?
 - What are the Economic Conditions
- Labor Market Information Division Website
 - Where To Access This Information
 - Additional Online Resources

What is Labor Market Information?

What is LMI?

- LMI stands for Labor Market Information
 - Generated and published by Employment Development Department – Labor Market Information Division
 - California's economy boasts more than 1 million businesses and over 19 million workers.
 - Distributed and marketed by a network of consultants (like me) with offices across California

What is LMI? cont.

- Applications of LMI data
 - News Reports (television, radio, newspaper)
 - Unemployment rate
 - Industry employment trends
 - Workforce, Economic Development, Career Counselors, Job Developers, & More
 - Customized reports & presentations
 - Program planning
 - Labor market research
 - Career exploration

Occupational Employment Statistics - Wages

Geography: San Diego-Carlsbad MSA										
Counties: San Diego										
				2016 - 1st Quarter Wages						
MSA Code	Geographic Area Name	SOC Code	Occupational Title	May 2015 Employment Estimates	Mean Hourly Wage	Mean Annual Wage	Mean Relative Standard Error (1)	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
041740	San Diego-Carlsbad, CA	00-0000	Total all occupations	1,353,180	\$26.53	\$55,180	1.60	\$12.29	\$19.46	\$33.36
041740	San Diego-Carlsbad, CA	11-0000	Management Occupations	81,720	\$60.22	\$125,268	1.10	\$34.91	\$52.88	\$76.23
041740	San Diego-Carlsbad, CA	11-1011	Chief Executives	2,880	\$101.15	\$210,380	3.00	\$61.37	(4)	(4)
041740	San Diego-Carlsbad, CA	11-1021	General and Operations Managers	23,620	\$61.75	\$128,430	1.60	\$34.12	\$51.44	\$81.00
041740	San Diego-Carlsbad, CA	11-1031	Legislators	260	(2)	\$62,875	5.00	(2)	(2)	(2)
041740	San Diego-Carlsbad, CA	11-2011	Advertising and Promotions Managers	250	\$46.76	\$97,249	8.90	\$28.83	\$36.26	\$55.69
041740	San Diego-Carlsbad, CA	11-2021	Marketing Managers	2,770	\$73.03	\$151,896	3.20	\$49.26	\$69.45	>90.00
041740	San Diego-Carlsbad, CA	11-2022	Sales Managers	5,350	\$60.05	\$124,910	2.40	\$34.23	\$53.18	\$77.22

Wages

- Top Paying Jobs by Region
 - Example: San Diego County

Occupation	Mean Annual Wage
Obstetricians and Gynecologists	259,609
Nurse Anesthetists	245,406
Surgeons	242,819
Psychiatrists	239,299
Physicians and Surgeons, All Other	228,159

Source: Occupational Employment Statistics, EDD-LMID (2016, 1st Quarter)

Wages

- Top Paying Jobs by Occupational Group

Legal Occupations	Mean Annual Wage
Lawyers	\$141,461
Arbitrators, Mediators, and Conciliators	\$86,881
Title Examiners, Abstractors, and Searchers	\$63,568
Paralegals and Legal Assistants	\$59,561
Court Reporters	\$55,959
Legal Support Workers, All Other	\$52,936

Source: Occupational Employment Statistics, EDD-LMID (2016 1st Quarter)

Wages

- Occupational Wages - Percentiles
 - Example: San Diego County Hourly Wages


Occupation	25 th Percentile	50 th Percentile	75 th Percentile
Total, all occupations	\$12.29	\$19.46	\$33.36
Tax Preparers	\$17.17	\$27.84	\$36.85
Civil Engineers	\$34.91	\$43.28	\$52.69
Fashion Designers	\$18.95	\$31.44	\$47.38
Dispatchers (Police, Fire, Ambulance)	\$22.48	\$26.55	\$30.83

Source: Occupational Employment Statistics, EDD-LMID (2016 1st Quarter)

Explore Careers Using LMI

Where Do I Start?

- Home Page, then select Job Seekers and Students

- 
- [Self-Assessment for Career Exploration](#): Use a self-assessment tool or resources to assess yourself.
 - [Make Money Choices](#): Create a budget so you can have the lifestyle you want.
 - [Occupational Guides](#): Find job requirements and other info about a variety of careers statewide or in an area.
 - [Training and Apprenticeship](#): Find information about training opportunities.
 - [California CareerZone](#): Find statewide career exploration info using the Start Exploring tool.
 - [CalJOBSSM](#): Search for jobs, build résumés, and gather information.

I Just Don't Know

- Step 1: Self-Assessment
 - What are your interests?
 - What do you like and don't like?
 - What are your skills?

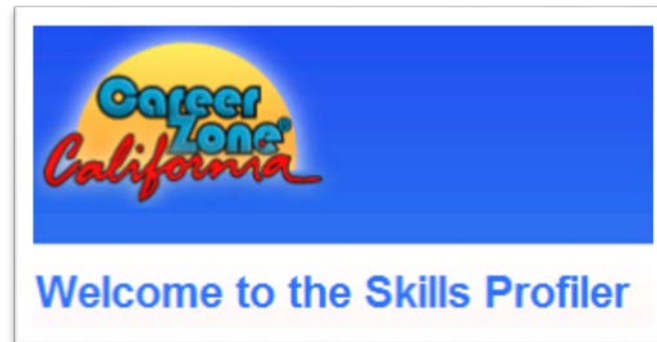
I Just Don't Know

- Step 1: Self Assessment – Interest Profiler

L	?	D	1. Build kitchen cabinets
L	?	D	2. Guard money in an armored car
L	?	D	3. Study space travel
L	?	D	4. Make a map of the bottom of an ocean
L	?	D	5. Conduct a symphony orchestra
L	?	D	6. Write stories or articles for magazines
L	?	D	7. Teach an individual an exercise routine
L	?	D	8. Perform nursing duties in a hospital
L	?	D	9. Buy and sell stocks and bonds
L	?	D	10. Manage a retail store

I Just Don't Know

- Step 1: Self Assessment – Skills Profiler
 - What Skills have you acquired?
 - What skills do I need?
 - Explore occupations with your skillset



How Would I Be Living?

- Step 2: Make Money Choices
 - How much money do I need to make to maintain my lifestyle?
 - Can I afford a new car?

How Would I Be Living?

- Make Money Choices
 - Provides detailed standard of living information

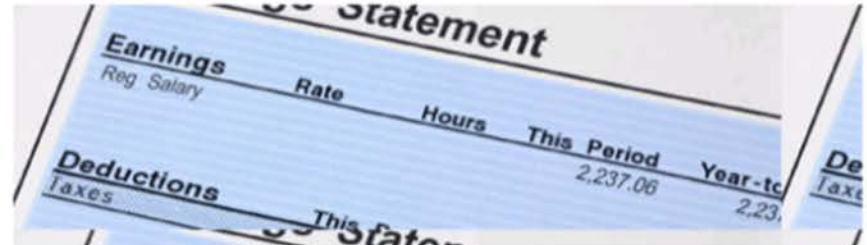
To get started, select an option below



Choose Your Lifestyle

When you select this option, you will be asked a series of questions to help you determine the lifestyle you want to lead and how much it will cost you. When you are finished you can look at occupations that might support that lifestyle.

Budget how much money you'll need



Pick Your Salary

If you think you know how much money you are going to make, you can work backwards to see if that salary will support the lifestyle you want to lead. If it does not, you can search for alternative occupations that might.

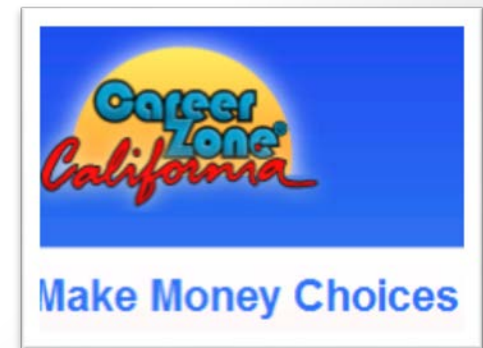
Budget from a starting salary

How Would I Be Living?

- Make Money Choices – Expenses
 - Housing
 - Utilities
 - Food
 - Transportation
 - Clothing
 - Healthcare
 - Personal Expenses
 - Entertainment
 - Miscellaneous Expenses
 - Savings
 - Student Loan Debt

How Would I Be Living?

- Make Money Choices
 - Total Living Expenses
 - Occupations to Support Total Expenses
 - Nature of Occupation
 - Education Requirements of Occupation



Is It Cool? Would I Like It?

- Step 3: Explore Your Career Options Using the California Occupational Guides
 - Job Description & Requirements
 - Job Outlook
 - Benefits & Wages
 - Education, Licensing, & Training

California Occupational Guides

▶ Welcome to the California Occupational Guides!

LMI Resources and Data: [LMI Home](#) | [By Customer](#) | [By Subject](#) | [By Geography](#) | [Data Library](#) | [LMI Online Services](#)



Occupational Guides are available in two versions:

- Summary Guide includes job description, job outlook and wages, and qualification requirements.
- Detailed Guide expands on everything in the Summary Guide plus benefits, licensing, education, training, links to possible employers, how to find a job, related occupations, and links to additional resources.

If you know the occupation you are interested in, use:

Keyword Search

Not certain what careers interest you? Narrow your focus with:

Topic Search

Is It Cool? Would I Like It?

- Occupational Guide
 - First option - Keyword Search



California Occupational Guides

Detailed Guide for

Aerospace Engineers in San Diego County

May also be called: Aeronautical Engineers; Aircraft Engineers; Astronautical Engineers; Flight Systems Test Engineers; Flight Test Engineers; Propulsion Engineers

What Would I Do?

It could be said that the first flight of the Wright brothers' airplane at Kitty Hawk, North Carolina in 1903, was the start of the aerospace industry in the United States. That triumph, long dreamed of by man, was the first of many innovations that came from the American aerospace industry.

Another milestone was achieved by American inventor Robert Goddard, who designed, built, and launched a series of liquid-fueled rockets. Unlike solid-fuel rockets, the liquid-fuel design allowed for the engine to be started, stopped, and restarted, which is vital for maneuvering in space and for mid-flight correction of planetary spacecraft. Most modern rockets are built using Goddard's designs.

Summary Guide (Printer Friendly)
Detailed Guide (Printer Friendly)
Detailed Report-Jump to:
Top of Page
What Would I Do?
Wages and Benefits
Job Outlook
How Do I Qualify?
What Employers Say...
Job Search Tips

Is It Cool? Would I Like It?

- Occupational Guide
 - Second option - Topic Search
 - Top paying jobs
 - Match your interests
 - Jobs by training & education
 - Jobs with the most openings
 - Fastest-growing occupations

Is It Cool? Would I Like It?

- Occupational Guide – Topic search
 - Example: Fastest-growing in San Diego County

Occupation Title	2012	2022	Percent Change
Economists	200	360	80.0%
Helpers – Brick masons, Block masons, Stone masons, and Tile and Marble Setters	140	230	64.3%
Brick masons and Block masons	610	990	62.3%

Would It Be Hard To Get This Job?

- Step 4: Get Ready For The Job
 - Do you need training or an Apprenticeship?
 - License?
 - Résumé Tips?

Would It Be Hard To Get This Job?

- Find a Training Provider
 - Search by Field of Study
 - Search by Training Provider
 - Search by Green Training
- Tips for Success
 - The Application
 - The Interview
 - The Résumé

Are They Hiring?

- Step 5: Find the Job – Job Search Tools


The screenshot displays the CalJOBS website interface. At the top left is the logo for CA.GOV CalJOBSSM. To the right of the logo are input fields for Username and Password, a Sign In button, and links for Register New User and Forgot Password?. Below the header is a banner with the text "The Path To Your Next Job" and "The Path to Your Next Job" with a play button icon. Below the banner are four buttons: Find a Job, Find a Candidate, Find an Office, and More Career Services. Below these buttons are two more buttons: More Employer Services and a Job Search section. The Job Search section includes a search bar with the text "Search for jobs in your area." and input fields for Keyword, City, ZIP Code, a distance dropdown menu set to 10 miles, and a Search button.

Are They Hiring? cont.

- Find the Job – Job Search Tools

Search for jobs in your area.

Job Search

 For help click the question mark icon.

Your search found more than 500 jobs. Listed below are the 500 most recent, representing at least 500 position(s), that matched your search criteria. Change your [search criteria](#).

Results View: **Summary** | [Detailed](#)

To sort on any column, click a column title.

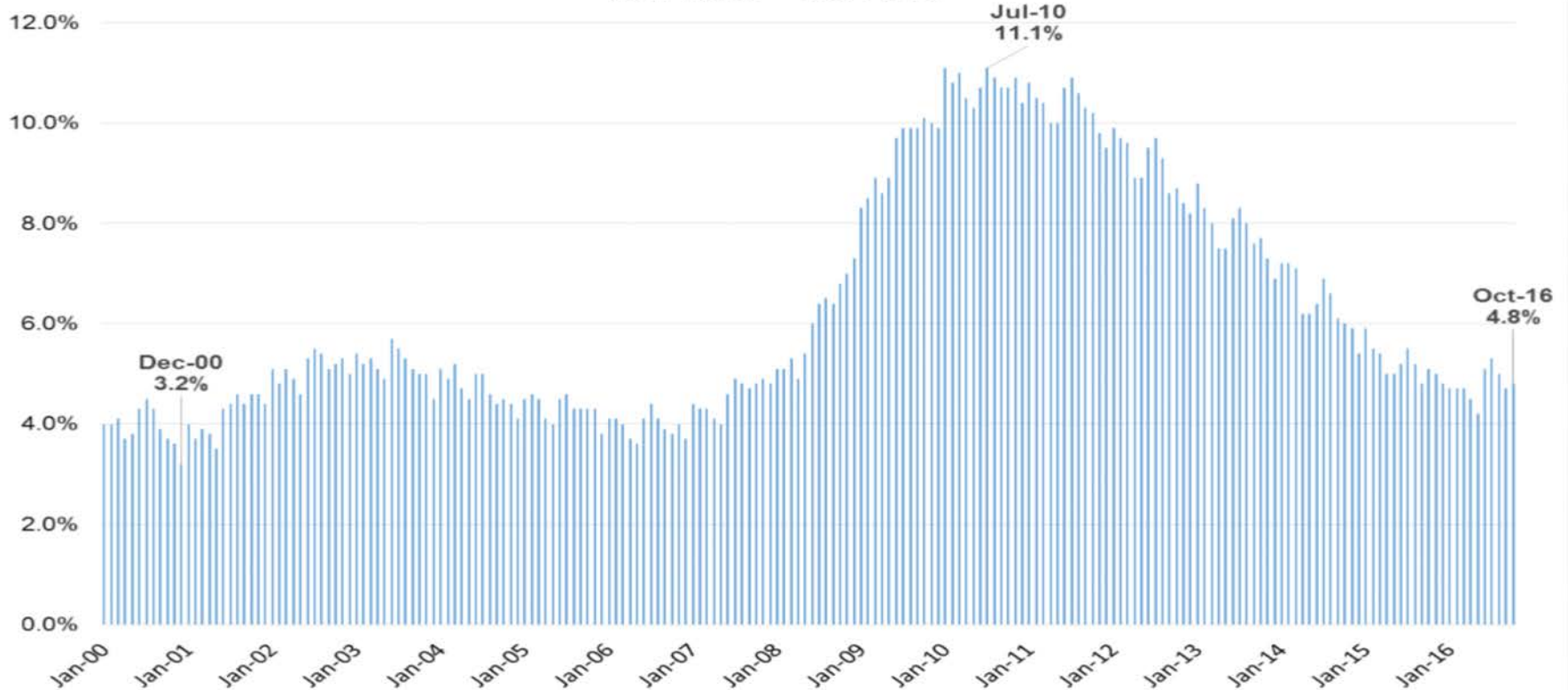
Hide potential duplicate jobs

Date Last Modified	Job Title / Description Snippet	Employer	Location	Salary	Source	Key Match	Select
11/20/2016 7:33:38 PM	Registered Nurse	Not Available	San Diego, CA	N/A	RECT	1	<input type="checkbox"/>
... Registered Nurse Qualifications: * Strong clinical skills and ability to react decisively in emergency situations. * Impeccable verbal and written communication skills. * Graduate of an accredited school of nursing with a valid state license and CPR certification. * Both experienced and new grad Registered Nurses encouraged to apply. Benefits							
11/19/2016 7:15:17 PM	Registered Nurse	Not Available	San Diego, CA	N/A	RECT	1	<input type="checkbox"/>
... nurse with MedStaff you can look forward to an excellent choice of assignments that all come with a benefits package of equal attraction. Our benefits include: * Free Private Housing * Comprehensive Health Insurance * Life and Accidental Death Insurance * Worker Compensation/Professional Liability Insurance * MedStaff Educational Development Serv							

Are The Economic Conditions Right?

- What is the unemployment rate in my area?

**San Diego County
Civilian Unemployment Rate**
Jan 2000 - Oct 2016



Are The Economic Conditions Right?

- How does my area compare to others?

Monthly Labor Force Data for Counties

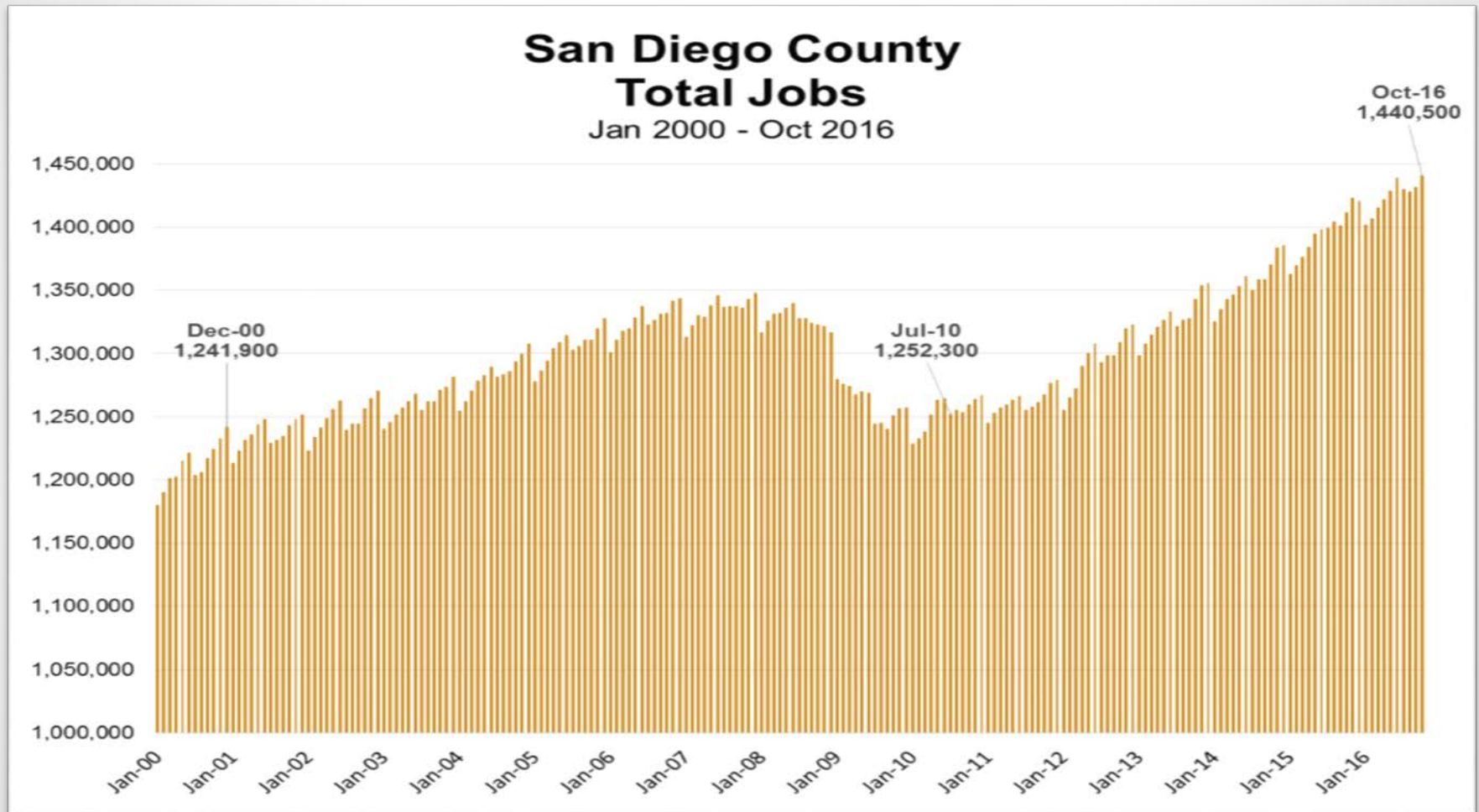
October 2016 - Preliminary

Data Not Seasonally Adjusted

COUNTY	RANK BY RATE	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
STATE TOTAL	---	19,463,400	18,432,400	1,031,100	5.3%
IMPERIAL	58	79,500	62,000	17,500	22.0%
LOS ANGELES	19	5,142,000	4,880,900	261,000	5.1%
ORANGE	7	1,643,600	1,576,400	67,200	4.1%
RIVERSIDE	36	1,058,900	992,100	66,800	6.3%
SAN BERNARDINO	31	946,900	891,600	55,300	5.8%
SAN DIEGO	15	1,598,600	1,522,500	76,100	4.8%

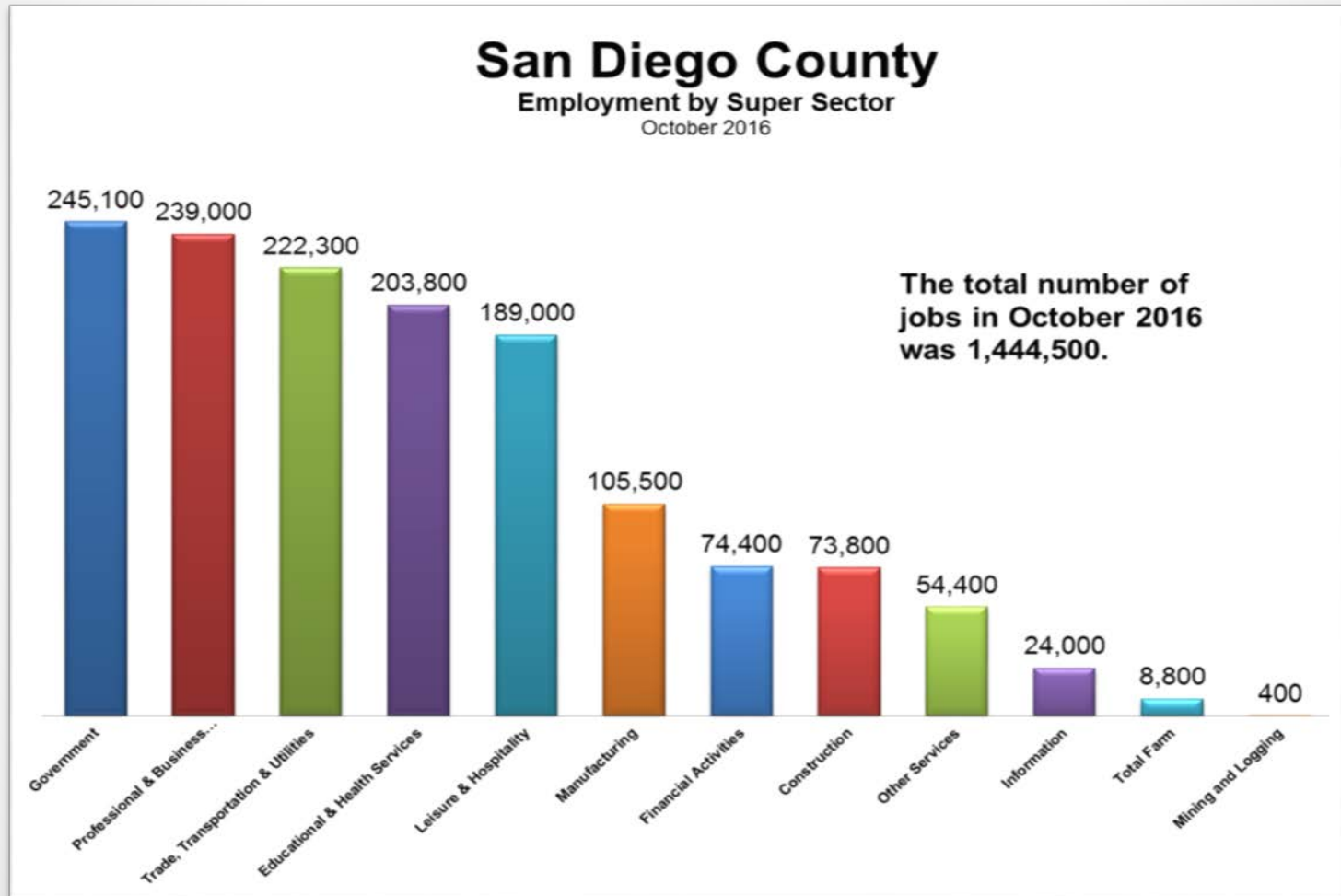
Are The Economic Conditions Right? Cont.

- How my jobs are in my area?



Are The Economic Conditions Right? Cont.

- What Industries are in my area?



Are The Economic Conditions Right? Cont.

- What is the current demand for jobs in my area?

Occupations with Most Job Ads

Registered Nurses - 1534

Software Developers, Applications - 1476

Retail Salespersons - 1228

Customer Service Representatives - 950

First-Line Supervisors of Retail Sales Workers - 860

Computer Systems Analysts - 826

Network and Computer Systems Administrators - 819

Computer User Support Specialists - 779

First-Line Supervisors of Office & Administrative Support - 755

First-Line Supervisors of Food Preparation & Serving Workers - 728

Are The Economic Conditions Right? Cont.

- What is the current demand for jobs in my area?

Employers with Most Job Ads

University of California, San Diego - 1736

Northrop Grumman - 688

Qualcomm - 445

Robert Half International - 410

Children's Hospital San Diego - 388

Kforce Professional Staffing, Inc. - 386

General Atomics - 384

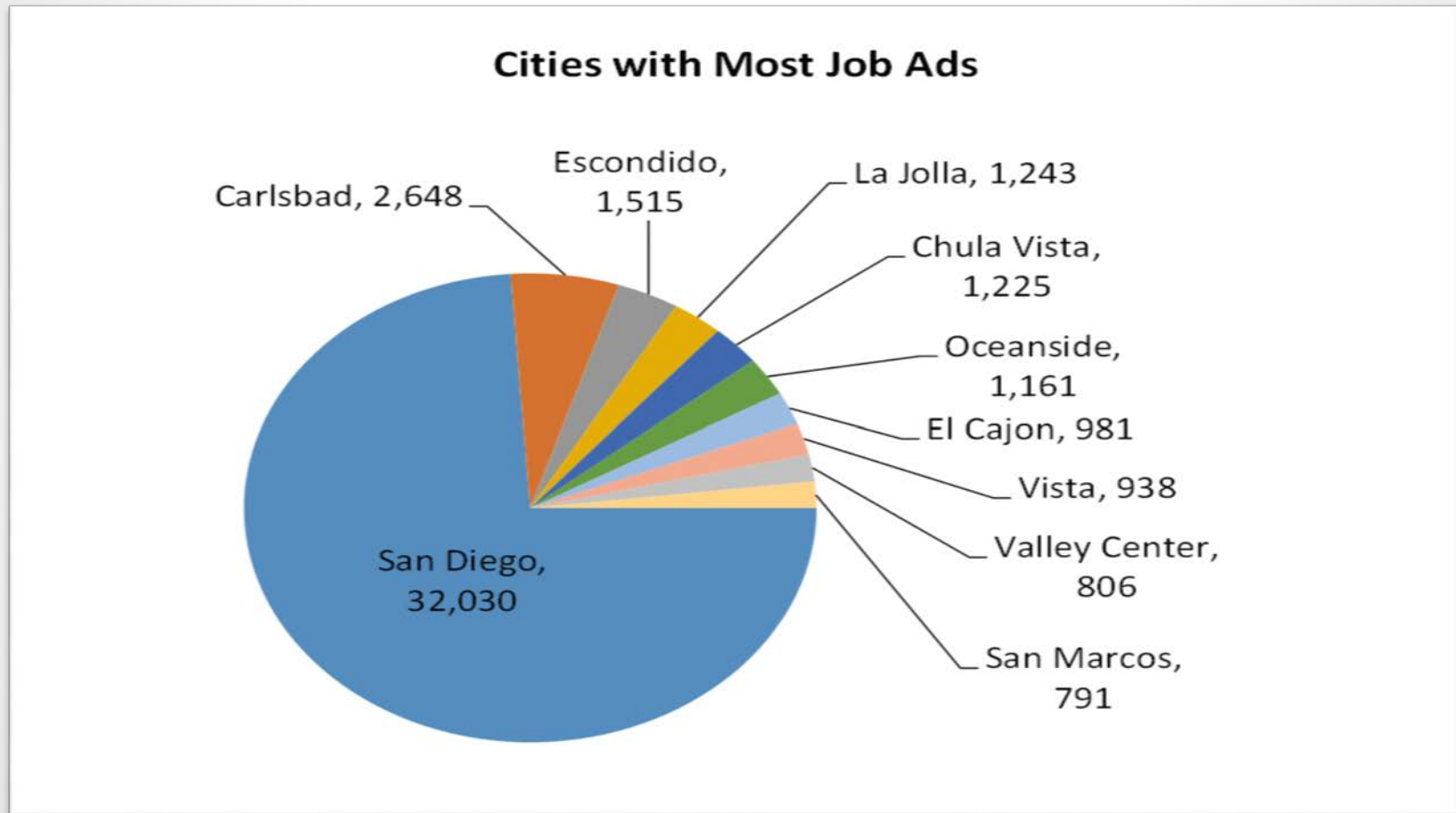
Target Corporation - 371

Accenture - 364

Viasat - 364

Are The Economic Conditions Right? Cont.

- What is the current demand for jobs in my area?



Where to Access This Information

LMI Website

www.labormarketinfo.edd.ca.gov

Where to Access This Information

- From the homepage, select Job Seekers and Students

The screenshot shows the homepage of the State of California Employment Development Department. The header includes the EDD logo and navigation links: About EDD, Find a Job, File & Manage a Claim, Employer Services, and EDD News. A search bar is located in the top right corner. Below the header, there is a section for "Labor Market Information" with a brief description of the LMID's role. A table titled "California Labor Market Indicators" provides data for September and October 2016. A line chart titled "Unemployment Rate Trend" compares California's rate to the United States from 1980 to 2016. At the bottom, there are three categories of LMI: by Customer, by Subject, and by Geography. A red arrow points to the "LMI by Customer" category.

California Labor Market Indicators

Metrics	September, 2016	October, 2016	Change	
Unemployment Rate	5.5%	5.5%	0.0	↔
Labor Force	19,348,400	19,438,000	89,600	↑
Employment	18,277,800	18,368,700	90,900	↑
Unemployment	1,070,600	1,069,300	-1,300	↓
Non Farm Jobs	16,555,600	16,586,800	31,200	↑
UI Initial Claims	163,591	193,086	29,495	↑

Unemployment Rate Trend

The chart shows the unemployment rate trend for California (blue line) and the United States (red line) from 1980 to 2016. California's rate is currently 5.5% and the United States' rate is 4.9%.

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

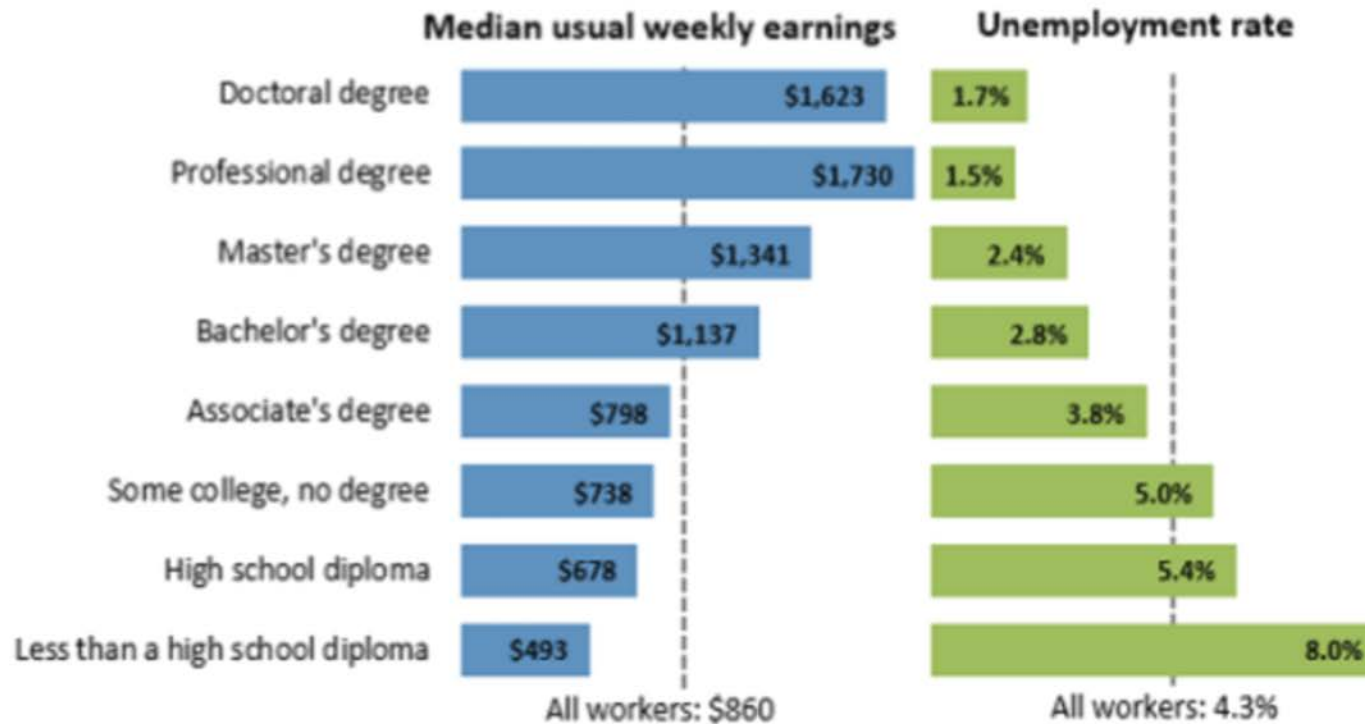
- California
- Counties
- Metropolitan Areas
- Local Workforce Development Areas
- Regional Economic Areas
- More...

Additional Online Resources

- Other Online Career Resources
 - My Skills My Future
 - O*NET Online
 - Toolbox for Job Seekers
 - Industry Projections
 - Staffing Patterns
 - Regional Economic Analysis Profile (REA Profile)
 - EDD Data Library
 - Size of Business Report
 - Major Employers

Additional Online Resources

Earnings and unemployment rates by educational attainment, 2015



Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary workers.

Source: U.S. Bureau of Labor Statistics, Current Population Survey

Summary of Topics

- Wages
- Self-Assessments
- Make Money Choices
- Occupational Guides & Occupation Profiles
- Education / Training Requirements
- Projections (Outlook)
- Job Search

www.labormarketinfo.edd.ca.gov

Contact Information

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- List of Available [LMI Consultants](#) Statewide