LABOR MARKET INFO Workshop

What is Labor Market Information (LMI)?

LMI is the collection, analysis, and publication of statistical data and reports on California's labor force, industries, occupations, employment projections, wages and other important labor market and economic data.

With LMI, you'll be to focus on 5 main questions:

- Geographically, where are the jobs at?
- What skills do I need?
- Which industries employ people in this occupation?
- How many jobs are open?
- How much will I earn?

Location

- Are you willing to relocate for your career or are you limited to a particular city?
- Transportation – do you travel by privately owned vehicle, car-pool, or public transportation?
- Traffic – how long are you willing to sit in it?
- Will this company offer remote work?
    - If so, how many times will you go to the office?
- Will they offer a flex work schedule?

Skills

Labor market information can tell you what training and education is expected for your desired occupation, and whether additional education will be required for you to advance.

- With Occupational Skills Training programs like the Digital Marketing, Business Intelligence Analyst, and Java Programming from institutions from UCSD, SDSU, USD will give you the **core skills** needed to start a career in the desired occupations
- LMI helps identify which skills are the most frequent and highly desired

- **Conduct searches for skills, not job titles.** Job titles may be industry-specific, but employers across many different industries employ people in much the same roles. By focusing your keywords on skills, you get more variety in your results.

USING EDD'S LMI WEBSITE

www.labormarketinfo.edd.ca.gov

Click by Subject

Scroll down to Occupations then click Occupation Data

- Data by Occupation
  - Wages & employment by occupation

CA.GOV

EDD Employment Development Department State of California

Jobs   Claims   Employers   Newsroom   Search

	2020 1st Quarter	2019 1st Quarter	2018 1st Quarter	2017 1st Quarter	2016 1st Quarter	2015 1st Quarter	2014 1st Quarter	2013 1st Quarter
Mono County (part of Eastern Sierra-Mother Lode Region*)	Excel	Excel						
Mono County (part of Eastern Sierra Region)			Excel	Excel	Excel	Excel	Excel	Excel
Monterey County (Salinas MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
Napa County (Napa MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel

Geographical Areas	2020 1st Quarter	2019 1st Quarter	2018 1st Quarter	2017 1st Quarter	2016 1st Quarter	2015 1st Quarter	2014 1st Quarter	2013 1st Quarter
Nevada County (part of North Valley-Northern Mountains Region*)	Excel	Excel						
Nevada County (part of Northern Mountains Region)			Excel	Excel	Excel	Excel	Excel	Excel
Orange County (Anaheim-Santa Ana--Irvine MD)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
Placer County (part of Sacramento--Roseville--Arden-Arcade MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
Plumas County (part of North Valley-Northern Mountains Region*)	Excel	Excel						
Plumas County (part of Northern Mountains Region)			Excel	Excel	Excel	Excel	Excel	Excel
Riverside County (part of Riverside-San Bernardino-Ontario MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
Sacramento County (part of Sacramento--Roseville--Arden-Arcade MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
San Benito County (part of San Jose-Sunnyvale-Santa Clara MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
San Bernardino County (part of Riverside-San Bernardino-Ontario MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
San Diego County (San Diego-Carlsbad MSA)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
San Francisco County (part of San Francisco-Redwood City-South San Francisco MD)	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
	2020 1st	2019 1st	2018 1st	2017 1st	2016 1st	2015 1st	2014 1st	2013 1st

- Scroll down to San Diego County – 1st quarter 2020
  - Open Excel

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File   Home   Insert   Draw   Page Layout   Formulas   Data   Review   View   Help

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	A	B	C	D	E	F	G	H	I	J	K
1				Occupational Employment (May 2019) & Wage (2020 - 1st Quarter) Data							
2				Occupational Employment Statistics (OES) Survey Results							
3				(Sorted by SOC Code)							
5	(Released June 2020)										
6	These survey data are from the 2019 Occupational Employment Statistics (OES) survey. The wages have all been updated to the **first quarter of 2020** by applying the										
7	US Department of Labor's Employment Cost Index to the 2019 wages. Occupations are classified using the Standard Occupational Classification (SOC) codes. For details of the methodology,										
8	see the Overview of the OES Survey at http://www.labormarketinfo.edd.ca.gov.										
10	Geography: San Diego-Carlsbad MSA										
11	Counties: San Diego										
12						2020 - 1st Quarter Wages					
13	MSA Code	Geographic Area Name	SOC Code	Occupational Title	May 2019 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
83	041740	San Diego-Carlsbad, CA	15-0000	Computer and Mathematical Occupations	57,080	$50.31	$104,627	1.30	$35.93	$49.11	$62.7
85	041740	San Diego-Carlsbad, CA	15-1211	Computer Systems Analysts	6,830	$48.36	$100,572	4.10	$34.56	$46.09	$60.66
86	041740	San Diego-Carlsbad, CA	15-1212	Information Security Analysts	1,180	$52.41	$109,009	1.70	$42.89	$50.35	$60.68
87	041740	San Diego-Carlsbad, CA	15-1221	Computer and Information Research Scientists	1,100	$59.79	$124,362	5.10	$47.48	$61.74	$65.75
88	041740	San Diego-Carlsbad, CA	15-1231	Computer Network Support Specialists	1,250	$37.52	$78,039	3.90	$25.65	$35.30	$45.59
89	041740	San Diego-Carlsbad, CA	15-1232	Computer User Support Specialists	4,420	$29.86	$62,104	1.40	$22.58	$28.62	$35.84
90	041740	San Diego-Carlsbad, CA	15-1241	Computer Network Architects	2,020	$61.93	$128,815	7.80	$42.17	$56.27	$73.31

oesdata (2)   oesdata

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- Find your desired occupation

- 25th percentile = entry-level / 0-3 years' experience
- 50th percentile = mid-level / 3-7 years' experience
- 75th percentile = senior-level / 8+ years' experience
  - Why is knowing the different levels important?
    - **<mark>SALARY NEGOTIATION</mark>**
  - Don't be undersold
  - Don't overextend your salary expectations

Identifying Employers and Skills

Return to EDD LMI website and scroll back up to top of page

- Click "By Subject"

- Scroll down to Occupations
  - Occupation Profile Database

- Enter keyword your desired occupation title
  - Be sure to select SD County
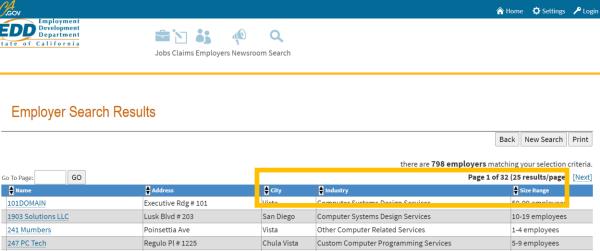 - Will search for all counties in CA otherwise

- Occupational Projections of Employment
  - Annual avg openings: divide annual openings by 12, **660/12 = 55** monthly openings (chances are good regarding competition)

- More than 100 means better chance of receiving call for interview
- Less than 100, investigate special/required skills, education and exp required

- Scroll down to begin looking at employers
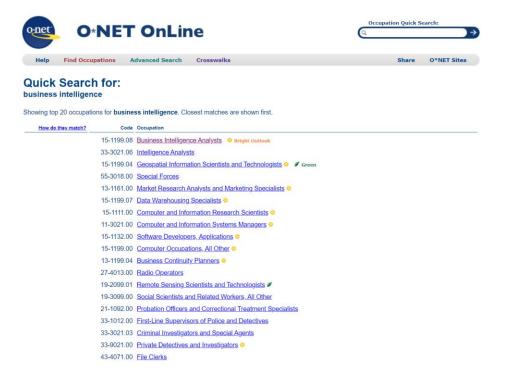 - Industry that employs this occupation
  - Number of employers in San Diego County

- Filter by company size
- Location
- Industry

Let's check out another great tool that will help with identifying the skills and tasks for an occupation. ONetOnline

www.onetonline.org

- Fill in desired occupation in Occupation Quick Search

- Select occupation

Summary Report for:

Updated 2020

Bright Outlook

15-1199.08 - Business Intelligence Analysts

Produce financial and market intelligence by querying data repositories and generating periodic reports. Devise methods for identifying data patterns and trends in available information sources.

Sample of reported job titles: Business Intelligence Analyst, Competitive Intelligence Analyst, Data Analyst, Intelligence Analyst, Market Intelligence Analyst, Market Intelligence Consultant, Researcher, Strategic Business and Technology Intelligence Consultant, Strategist

View report:	Summary	Details	Custom

Tasks | Technology Skills | Tools Used | Knowledge | Skills | Abilities | Work Activities | Detailed Work Activities | Work Context | Job Zone | Education | Credentials | Interests | Work Styles | Work Values | Wages & Employment | Job Openings | Additional Information

Tasks

5 of 16 displayed

- Generate standard or custom reports summarizing business, financial, or economic data for review by executives, managers, clients, and other stakeholders.
- Synthesize current business intelligence or trend data to support recommendations for action.
- Maintain library of model documents, templates, or other reusable knowledge assets.
- Create business intelligence tools or systems, including design of related databases, spreadsheets, or outputs.
- Manage timely flow of business intelligence information to users.

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Technology Skills

5 of 48 displayed   **Show 5 tools used**

- **Data base management system software** — Apache Hadoop 🔥 ; MongoDB 🔥 ; Oracle PL/SQL 🔥 ; Teradata Database 🔥
- **Data base user interface and query software** — Amazon Web Services AWS software 🔥 ; Microsoft Access 🔥 ; Oracle JDBC 🔥 ; Transact-SQL 🔥
- **Development environment software** — Apache Ant 🔥 ; Eclipse IDE 🔥 ; Microsoft Visual Basic 🔥 ; Ruby 🔥
- **Object or component oriented development software** — Apache Groovy 🔥 ; C# 🔥 ; Python 🔥 ; R 🔥
- **Web platform development software** — AJAX 🔥 ; Apache Tomcat 🔥 ; JavaScript 🔥 ; Microsoft ASP.NET 🔥

🔥 Hot Technology — a technology requirement frequently included in employer job postings.

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- View Tasks, Technology Skills, and other sections

Remember that you have a variety of tools to contribute to your job search strategy that all relate to Labor Market Info:

- SD Workforce Partnership My Next Move: workforce.org/my-next-move
- CA EDD: labormarketinfo.ca.gov
- ONetOnline: onetonline.org
- SD Career Centers: www.workforce.org/career-centers & www.workforce.org/events