Geographic Information Systems (GIS) Program

Labor Market Information Division

Ron Caluza
Maria Clay
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EDD Employment Development Department
State of California

LMID GIS Staff

1 – Research Data Supervisor
1 – Research Data Specialist II
2 – Research Data Specialist I
1 – Research Data Analyst II

Geographic Information Systems

An organized collection of computer hardware, software, geographic data, and personnel designed to efficiently capture, store, update, manipulate, analyze, and display all forms of geographically referenced information.

Definition from the California Department of Technology, Office of the State Geographic Information Officer

GIS Layers

Offices, Employers, Customers, . . .
Regions, Districts, ZIP Codes, . . .
Basemap - Streets, Rivers, Elevation, …

GIS Layers (continued)

Huntington Park

Map Example 1

State Assembly District 39

AD 39 Employment & Wage Summary by Class Size (2012, 2nd Qtr.)			
Class Size	Business Establishments	June 2012 Employment	Total Wages
0 to 5 Employees	3,976	7,809	$68,857,129
6 to 25 Employees	1,931	23,194	$213,830,898
26 to 100 Employees	646	30,802	$314,943,618
Over 100 Employees	161	39,104	$524,004,644
Total	**6,714**	**100,909**	**$1,121,636,289**

0 2.5 5 Miles

Data Sources:
Quarterly Census of Employment and Wages (QCEW) developed through a cooperative program between the States and the U.S. Bureau of Labor Statistics.
Geographic Files: California Citizens Redistricting Commission, Cal-Atlas, Esri

Data Notes:
Business Establishments and Employment data are from 2012, Second Quarter

Cartography by:
Labor Market Information Division
California Employment Development Department
March 2013

EDD Employment Development Department State of California
LaborMarketInfo

File: C038

Example 1

Employment & Wage Data - 2012 Second Quarter - STATE ASSEMBLY DISTRICT 39

MAJOR INDUSTRY NAICS SECTOR	NAICS Classification	Business Establishments	June 2012 Employment	Quarterly Wages
AGRICULTURE, FORESTRY, FISHING & HUNTING	11	24	367	$3,473,143
MINING	21	2	**	**
UTILITIES	22	5	151	$3,458,258
CONSTRUCTION	23	743	7,051	$85,177,697
MANUFACTURING	31 32 33	753	22,890	$288,521,377
WHOLESALE TRADE	42	547	7,304	$91,076,983
RETAIL TRADE	44 45	857	13,117	$140,329,569
TRANSPORTATION & WAREHOUSING	48 49	204	4,962	$55,575,717
INFORMATION	51	112	847	$14,959,164
FINANCE & INSURANCE	52	198	1,836	$23,038,122
REAL ESTATE & RENTAL & LEASING	53	307	2,080	$22,804,073
PROFESSIONAL, SCIENTIFIC, & TECHNICAL SKILLS	54	445	2,869	$39,400,307
MANAGEMENT OF COMPANIES AND ENTERPRISES	55	26	975	$15,620,492
ADMIN & SUPPORT & WASTE MGMT & REMEDIATION	56	328	5,856	$48,649,662
EDUCATIONAL SERVICES	61	162	6945	$82,392,036
HEALTH CARE & SOCIAL ASSISTANCE	62	497	12,532	$140,184,546
ARTS, ENTERTAINMENT, & RECREATION	71	115	728	$5,824,206
ACCOMMODATION & FOOD SERVICES	72	448	6,587	$26,235,572
OTHER SERVICES	81	486	3,056	$26,224,135
NON-CLASSIFIED	99	450	**	**
GOVERNMENT	92	5	315	$3,923,330
TOTAL (Including confidential/suppressed data)		**6,714**	**100,909**	**$1,121,636,289**

**** Data are confidential and suppressed**

Data sources:
Quarterly Census of Employment and Wages (QCEW) developed through a cooperative program between the states and the U.S. Bureau of Labor Statistics.

Confidentiality Restrictions:
All data contained in this table are non-confidential and may be shared. Any confidential cells are suppressed. Confidential data is determined by a formula that incorporates the number and size of firms within a cell.

Data notes:
Business Establishments and Wage data are from 2012 Second Quarter.
Employment is from June 2012.
Domestic employers are not included in the data.
These data are summarized by industry code.

Data and GIS Analysis by:
Labor Market Information Division
California Employment Development Department
www.labormarketinfo.edd.ca.gov
March 1, 2013

Map Example 2

Camp Fire

0 2 4 8 Miles

Camp Fire
Butte County

Fire perimeter dated November 15, 2018

1,038 establishments within the fire perimeter
6,897 employees (Avg Quarterly Employment)
$66,691,871 wages (Total Quarterly Wages)

1 Mile Buffer
1,306 establishments within the fire perimeter
9.686 employees (Avg Quarterly Employment)
$101,525,943 wages (Total Quarterly Wages)

2 Mile Buffer
1,919 establishments within the fire perimeter
20,237 employees (Avg Quarterly Employment)
$198,997,961 wages (Total Quarterly Wages)

Data Sources:
Fire Perimeter, GeoMAC/USGS Rocky Mountain Geographic Science Center
QCEW, Fourth Quarter, 2017

Cartography by:
Labor Market Information Division
California Employment Development Department
November 15, 2018

Over 1,000 Businesses

Over 6,800 Employees

150,000+ Acres burned

Map Example 3

LNU Complex Fires
Atlas, Nuns, Pocket, and Tubbs

LNU Complex:
Atlas, Nuns, Pocket and Tubbs, Fires

Sonoma, Napa, and Solano Counties
Final Fire Perimeters dated October 25, 2017

0 2.5 5 10 Miles

Fire	Business Establishments	Employment	Qtr. Wages	Estimated Acres
Atlas	49	324	$4,477,638	51,624
Nuns	139	1,121	$12,460,041	56,556
Pocket	0	0	$0	17,359
Tubbs	459	8,003	$165,144,530	36,807
All LNU Fires	647	9,448	$182,082,209	162,346

Data Sources:
Fire Perimeter, GeoMAC/USGS Rocky Mountain Geographic Science Center
QCEW, Third Quarter, 2016

Cartography by:
Labor Market Information Division
California Employment Development Department
December 2017

Map Example 3

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Atlas, Nuns, Pocket, and Tubbs

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Data Sources:
Fire Perimeter, GeoMAC/USGS Rocky Mountain Geographic Science Center
QCEW, Third Quarter, 2016

Cartography by:
Labor Market Information Division
California Employment Development Department
December 2017

Map Example 4

Mendocino Complex
Ranch and River Fires

0 2.5 5 10 15 Miles

Mendocino Complex
Ranch and River Fires
Mendocino, Colusa, and Lake Counties

Fire perimeter dated August 21, 2018

Ranch Fire
21 business establishments in fire perimeter
115 employees
$1,860,572 wages

Data Sources:
Fire Perimeter, GeoMAC/USGS Rocky Mountain Geographic Science Center
QCEW, Fourth Quarter, 2017

Cartography by:
Labor Market Information Division
California Employment Development Department
August 21, 2018

Over 20 Businesses

Over 100 Employees

459,000+ Acres burned, largest in CA history

Map Example 5

Map Example 6

Labor Force Data

Interactive map: CalSavers Businesses

https://www.labormarketinfo.edd.ca.gov/resources/CalSavers-Businesses-by-County.html

Making a request for data or maps:

- Send your questions/requests to your EDD LMID Contact person, or the GIS Supervisor Terilyn Cobb (Terilyn.Cobb@edd.ca.gov) who will forward your request to us
- Try to contact us 2 weeks in advance:
  - Discuss data needed for request (we may not have required data).
  - Narrow down the request to what is needed.
  - Determine the fee for the request.
  - Turnaround time depends on complexity of request and current workload.

Data Requirements

Word doc: **does not** work in GIS

Excel doc: simple table works for GIS

	A	B	C	D
1	Street	City	ZIP	
2	1065 N PACIFICENTER DR	ANAHEIM	92806	
3	2099 S STATE COLLEGE BLVD	ANAHEIM	92806	
4	2420 E LINCOLN AVE	ANAHEIM	92806	
5	2450 E LINCOLN AVE	ANAHEIM	92806	
6	1277 W HOBSONWAY	BLYTHE	92225	
7	7000 VILLAGE DR	BUENA PARK	90621	
8	21010 VANOWEN ST	CANOGA PARK	91303	
9	21601 DEVONSHIRE ST	CHATSWORTH	91311	
10	15315 FAIRFIELD RANCH	CHINO HILLS	91709	
11				
12				

LMID Homepage: link to GIS webpage

CA.GOV

Home Settings Login

EDD Employment Development Department State of California

Jobs Claims Employers Newsroom Search

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 Planning Units
- **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...**

Data Sources

<u>EDD / Bureau of Labor Statistics Data</u>

QCEW – Quarterly Census of Employment and Wages

LAUS – Local Area Unemployment Statistics

AJCC – Americas Job Centers of California (from EDD Workforce Services)

<u>Fire Boundaries, Earthquake Zones</u>

USGS Geo-MAC – U.S. Geological Survey Geospatial Multi Agency Coordination

<u>Geographic Boundaries (counties, legislative districts, tracts, etc.)</u>

U.S. Census Bureau TIGER – Topologically Integrated Geographic Encoding and Referencing

The EDD is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.