

Open Data is all the Buzz!

Child Welfare Council Data Linkage & Information Sharing Committee

Linette T Scott, MD, MPH
Chief Medical Information Officer,
Deputy Director, Information Management Division

September 2, 2015

<https://chhs.data.ca.gov/>

CHHS Open Data

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Welcome to the California Health and Human Services Open Data Portal

Innovation. Information. Research. Opportunity. Engagement. Transparency.

Your feedback is important. Send comments and suggested datasets to opendata@chhs.ca.gov.



All Data



Diseases and Conditions

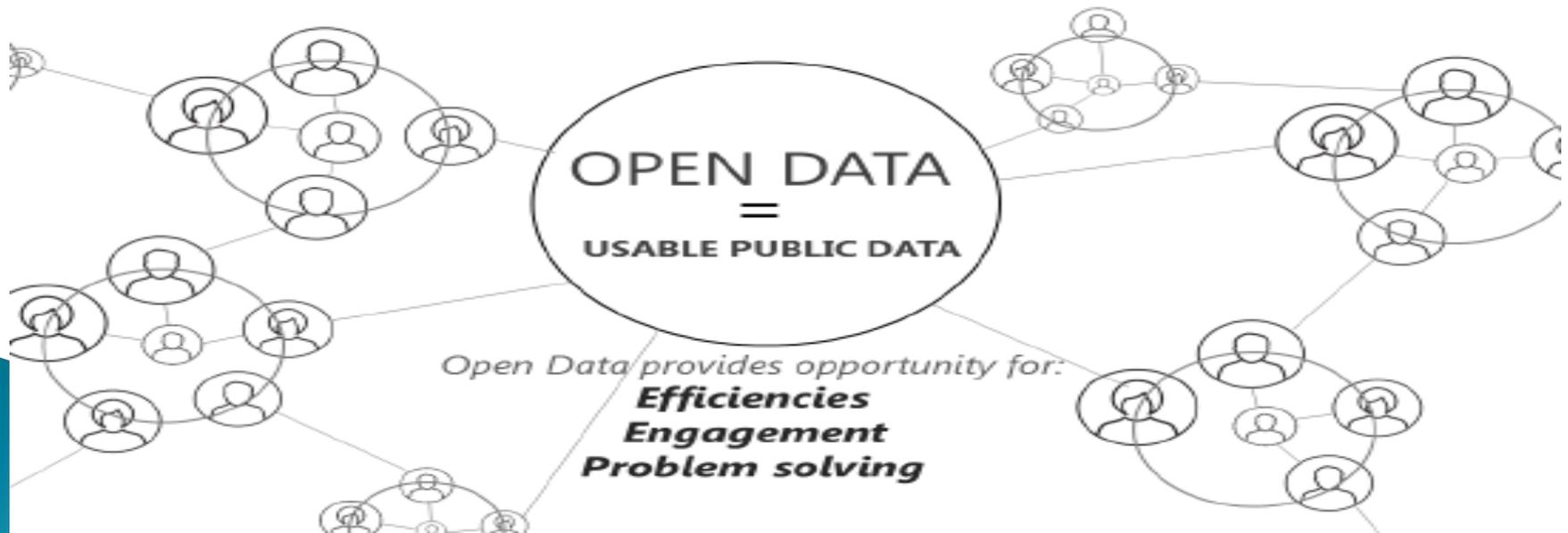


Facilities and Services

What is Open Data?

"Open data" refers to data that can be freely used, reused and redistributed by anyone – subject only, at most, to the requirement to attribute and share alike.

This means that we want to make publicly available data (the data tables that are usually 'locked' in PDFs on our web pages) more usable.



CHHS Open Data Principles

CHHS is committed to:

- ▶ proactively releasing publishable state data
- ▶ making publishable state data open and freely available in accessible formats for the public to reuse and redistribute
- ▶ publishing high quality data with comprehensive metadata and documentation to foster interoperability and maximize public understanding of the data
- ▶ ongoing publication of publishable state data
- ▶ fostering an open data process that streamlines, rather than duplicates the work of the data owners

Key Definitions

- ▶ **Data:** A value or set of values representing a specific concept or concepts. Data includes but is not limited to lists, tables, graphs, charts, and images. Data may be structured or unstructured and can be digitally transmitted or processed.
- ▶ **Dataset:** An organized collection of related data records maintained on a storage device, with the collection containing data organized or formatted in a specific or prescribed way, often in tabular form. In this handbook the dataset refers to the master, primary, or original authoritative collection of the data.
- ▶ **Data Table:** A data table, in this handbook, refers to a subset of the dataset which may include a selection and/or aggregation of data from the original dataset.

Key Definitions Cont.

Publishable State Data:

- ▶ Data is Publishable State Data if it meets one of the following criteria:
 - (1) data that are public by law such as via the Public Records Act or
 - (2) the data are not prohibited from being released by any laws, regulations, policies, rules, rights, court order, or any other restriction.
- ▶ Data shall not be released if it is highly restricted due to the Health Insurance Portability and Accountability Act (“HIPAA”), state or federal law (such data are defined as Level 3 later in this handbook).

Browser window showing the URL <https://chhs.data.ca.gov/about>. The page title is "About California Health and Human Services (CHHS) Open Data".

Navigation menu: Home, Catalog, Tutorials, Developers, About

About California Health and Human Services (CHHS) Open Data

About CHHS Open Data

The California Health and Human Services Agency (CHHS) has launched its Open Data Portal initiative in order to increase public access to one of the State's most valuable assets – non-confidential health and human services data. Its goals are to spark innovation, promote research and economic opportunities, engage public participation in government, increase transparency, and inform decision-making. "Open Data" describes data that are freely available, machine-readable, and formatted according to national technical standards to facilitate visibility and reuse of published data.

If you would like to be notified when new data is posted, please send us an email at opendata@chhs.ca.gov.

The portal offers access to standardized data that can be easily retrieved, combined, downloaded, sorted, searched, analyzed, redistributed and re-used by individuals, business, researchers, journalists, developers, and government to process, trend, and innovate.

CHHS Open Data Handbook

The California Health and Human Services Agency (CHHS) Open Data Handbook provides guidelines to identify, review, prioritize and prepare publishable CHHS data for access by the public via the CHHS Open Data Portal – with a foundational emphasis on value, quality, data and metadata standards, and governance. This handbook is meant to serve as an internal resource and is also freely offered to any party that may be interested in improving the general public's online access to data and to provide an understanding of the processes by which CHHS makes its publishable data tables available. The handbook focuses on general guidelines and thoughtful processes but also provides linked tools/resources that operationalize those processes. The CHHS Open Data Handbook is based on and builds upon the New York State Open Data Handbook, and we would like to acknowledge and thank the New York staff who created that document and made it available for public use.

About CHHS

The role of the California Health and Human Services Agency is to provide policy leadership and direction to the departments and programs it oversees, to reduce duplication and fragmentation and improve coordination among the departments, to ensure programmatic integrity, and to advance the Governor's priorities on health and human services issues.

The Agency coordinates the administration of state and federal programs for public health, health care services, social services, public assistance, health planning and licensing, and rehabilitation. These programs touch the lives of millions of California's most needy and vulnerable residents. The Agency is responsible for balancing the twin imperatives of providing access to essential health and human services for California's most disadvantaged and at-risk residents and managing and controlling costs.

The following departments and programs are under the direct supervision of the California Health and Human Services Agency:

Exploring Open Data

Publishing Departments

- ▶ [California Department of Public Health](#) (Aug 2014)
- ▶ [Office of Statewide Health Planning and Development](#) (Oct 2014)
- ▶ [Department of Health Care Services](#) (March 2015)
- ▶ [Department of Rehabilitation](#) (Spring 2015)
- ▶ [Department of Managed Health Care](#) (Spring 2015)
- ▶ [Department of State Hospitals](#) (Spring 2015)
- ▶ [California Department of Social Services](#) (Summer 2015)

Search by Views

or

Search by Departments

View Types

-  Data Lens pages [What's this?](#)
-  Datasets
-  Charts
-  Maps
-  Calendars
-  Filtered Views
-  External Datasets
-  Files and Documents
-  Forms

Publishing Department

(All)

Office of Statewide Health Planning & Development

California Department of Public Health

Department of Health Care Services

Department of Rehabilitation

Department of Managed Health Care

Department of State Hospitals

California Department of Social Services

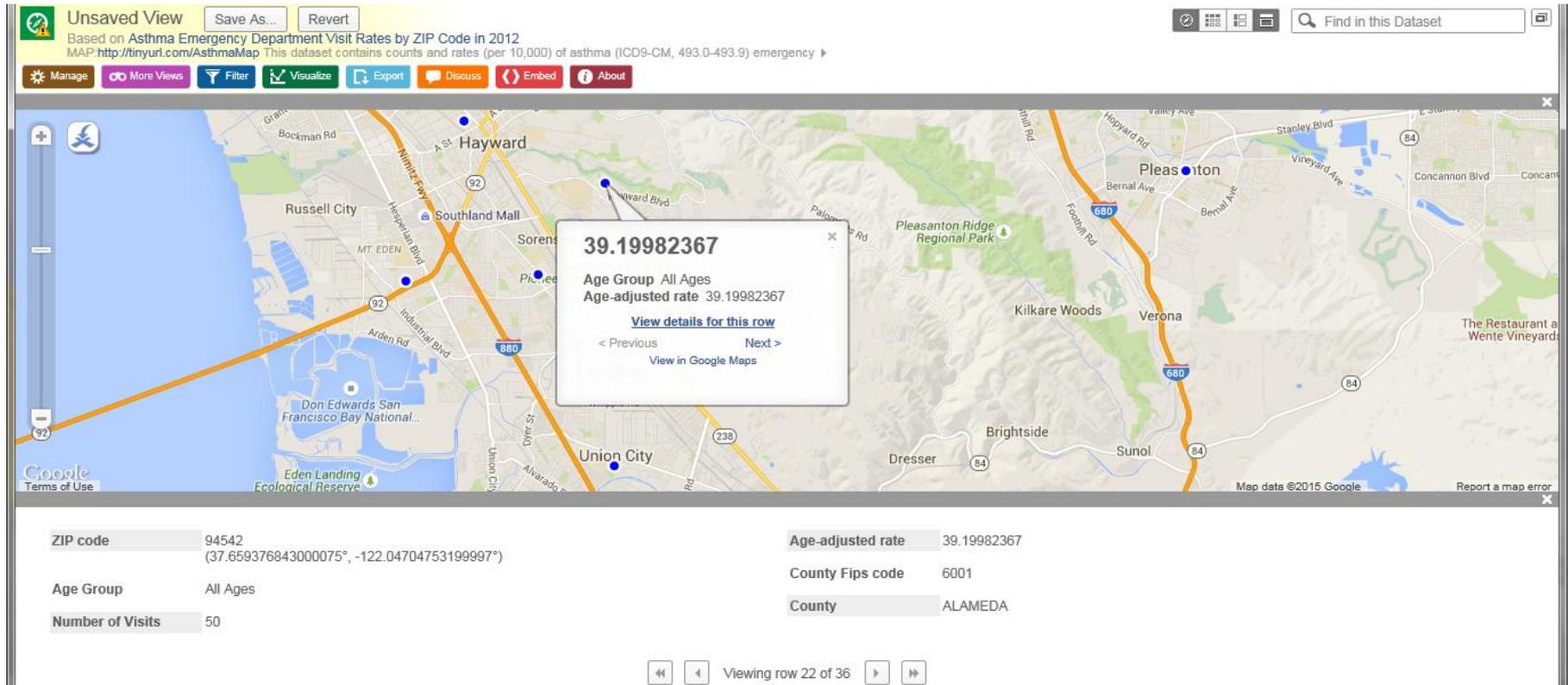
Maps ...

Most frequently accessed this month

Name	Popularity	Type	RSS
 Enrolled Medi-Cal Fee-for-Service (FFS) Providers The map displays the location the Fee-for-Service (FFS) providers enrolled in the Medi-Cal program as of April 1, 2015. The information is based on a point in time and is expected to be updated monthly. The data were retrieved from the Provider Master File (PMF), which has been used in the claims payment process and is maintained by the Provider Enrollment Division (PED). The variables in the dataset include provider number, name, type, specialty, geographic information, etc. DHCS does not collect information on whether or not fee-for-services providers accept new Medi-Cal patients, and this dataset does not include Managed Care providers. For information about provider enrollment, please see http://www.dhcs.ca.gov/provgovpart/Pages/PED.aspx .	149 views		
 Women, Infants and Children (WIC) Authorized Vendors Provided by cdph.data.ca.gov The Women, Infants and Children (WIC) Program is a federally-funded health and nutrition program that provides assistance to pregnant women, new mothers, infants and children under age five. WIC helps California families by providing food instruments and vouchers that can be used to purchase healthy supplemental foods from over 4000 WIC-authorized vendor stores throughout the State. WIC also provides nutritional education, breastfeeding support and help finding healthcare and other community services. Participants must meet income guidelines and other criteria. Currently, 84 WIC agencies provide services monthly to over 1.45 million participants at over 650 sites in local communities throughout the State. This dataset contains the vendor name and location of all currently active vendors authorized to offer supplemental foods to participants for redemption with WIC food instruments and vouchers.	1,166 views		
 Healthcare Facility Locations Long Term Care Map Provided by cdph.data.ca.gov The California Department of Public Health, Center for Health Care Quality, Licensing and Certification (L&C) Program licenses more than 30 types of healthcare facilities. This table lists the name and location of over 7,500 licensed healthcare facilities that were "open and active" as of November 17, 2014. The records are geocoded. These data are a subset of the data in the L&C Electronic Licensing Management System (ELMS). CDPH updates the data quarterly. To link the CDPH facility IDs with those from other Departments, like OSHPD, please reference the "Licensed Facility Cross-Walk" Open Data table at https://chhs.data.ca.gov/Facilities-and-Services/Licensed-Facility-Cross-Walk/tfhg-z4mf	674 views		
 Birth Weights by ZIP Code, 2008-2012 Provided by cdph.data.ca.gov Birth Profile by ZIP Code-Birthweight	1,845 views		
 Asthma Emergency Department Visit Rates by ZIP Code in 2012 Provided by cdph.data.ca.gov MAP: http://tinyurl.com/AsthmaMap This dataset contains counts and rates (per 10,000) of asthma (ICD9-CM, 493.0-493.9) emergency department visits among California residents by ZIP Code and age group (all ages, 0-17, 18+) for 2012. For more information please go to www.californiabreathing.org	89 views		

Views to date

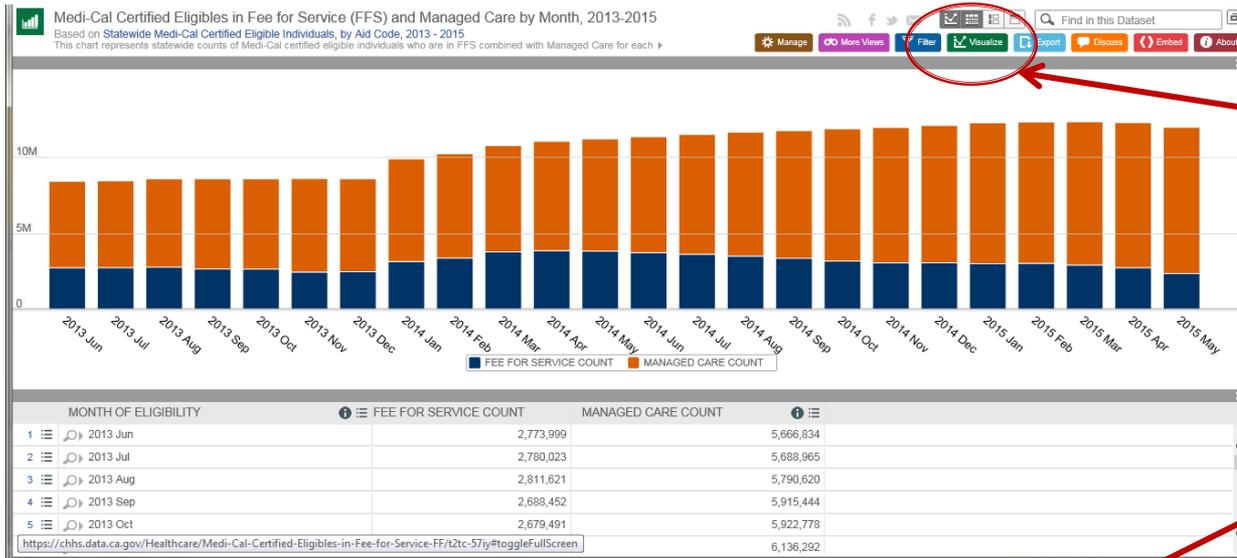
Zooming in on Asthma Rates



Now the ZIP code centroid is shown (blue dot). When you click on the dot, the rate is given and the detail for that record can be seen below.

New Example – Preset View

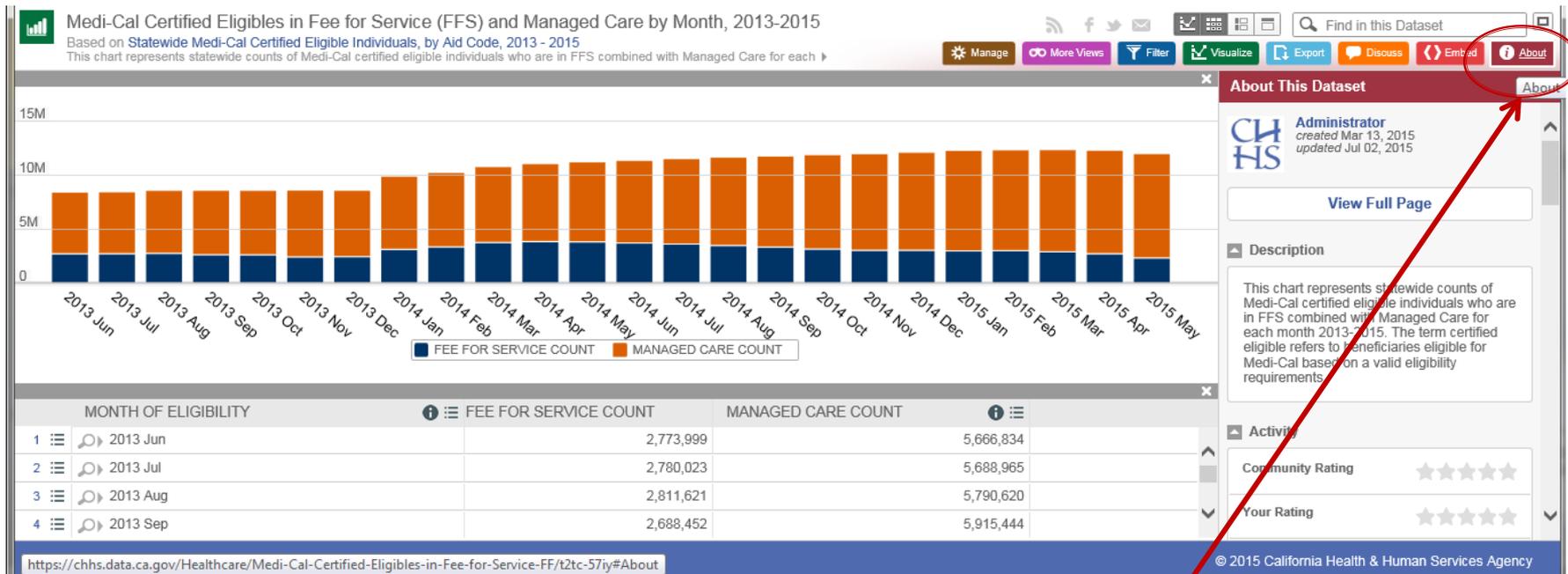
Statewide Medi-Cal Certified Eligible Individuals



This view is saved in the Portal ... but the user can change the visualization with an easy click.



Metadata provides information about the data shown



The “About” button leads you to the metadata

Metadata

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 **Medi-Cal Certified Eligibles in Fee for Service (FFS) and Managed Care by Month, 2013-2015** [Back to Dataset](#)
This chart represents statewide counts of Medi-Cal certified eligible individuals who are in FFS combined with Managed Care for each month 2013-2015. The term certified eligible refers to beneficiaries eligible for Medi-Cal

Dataset Summary

Publisher	Department of Health Care Services
Contact Point	opendata@dhs.ca.gov
Posting Frequency	Monthly
Temporal Coverage	MAR 2013 TO APR 2015
Geographic Area Covered	Statewide
Geographic Granularity (fields included)	Statewide
Data Dictionary	See Attachments
Limitations/Exclusions	Use of this data is subject to the CHHS Terms of Use and any copyright and proprietary notices incorporated in or accompanying the individual files.
Citation	State of California, Department of Health Care Services, Medi-Cal Certified Eligibles, Most Recent 24 Months, Report Date: April 2015
Language	English (EN)

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Data Dictionary

March 13, 2015

Department of Health Care Services

Data Dictionary

Dataset Name: Statewide Medi-Cal Certified Eligible Counts, by Aid Code and Delivery System, Feb 2013 through Dec 2014

Chart/Visualization Name/s:

1. Optional Targeted Low Income Children (OTLIC) Program Enrollment by Month, 2014
2. Medi-Cal Certified Eligibles in FFS and Managed Care by Month, 2013-2014

Field Title	Field Name	Data type	Description
Year of Eligibility	<u>Eligibility_Year</u>		Year that an individual had certified Medi-Cal Eligibility *
Month of Eligibility	<u>Eligibility_Month</u>	Text – Formatted (YYYY-MM)	Month that an individual had certified Medi-Cal Eligibility *
Fee for Service Count	<u>FFS_Count</u>	Plain Text	Count of individuals in a Fee for Service (FFS) delivery system

Data File is a Simple Format

Statewide Medi-Cal Certified Eligible Individuals, by Aid Code, 2013 - 2015
 This data set includes statewide counts of Medi-Cal certified eligibles by Month, Aid Code and Delivery System. The term certified eligible refers to beneficiaries who have been determined eligible for Medi-Cal based on a valid eligibility determination.

Find in this Dataset

Manage | Most Viewed | Filter | Visualize | Export | Discuss | Embed | About

MONTH OF ELIGIBILITY	AID CODE	FEE FOR SERVICE COUNT	MANAGED CARE COUNT	SUM OF ELIGIBLES
1 2013 May	--	77	09	140
2 2013 May	01	551	928	1,479
3 2013 May	02	411	485	896
4 2013 May	03	44,591	15,206	59,797
5 2013 May	04	9,300	3,065	12,365
6 2013 May	06	733	222	955
7 2013 May	07	56		56
8 2013 May	0L	18		18
9 2013 May	0M	20		20
10 2013 May	0N	572	56	628
11 2013 May	0P	7,623	2,242	9,865
12 2013 May	0R	733	182	915
13 2013 May	0T	113	27	140
14 2013 May	0U	765	254	1,019
15 2013 May	0V	1,000		1,000
16 2013 May	0W	169	51	220
17 2013 May	10	280,952	110,093	391,045
18 2013 May	13	37,579	8,154	45,733
19 2013 May	14	44,234	88,691	132,885
20 2013 May	16	9,722	4,087	13,799
21 2013 May	17	3,919	705	4,684
22 2013 May	1E	8,610	2,023	10,633
23 2013 May	1H	114,451	45,312	159,763
24 2013 May	1U	947		947
25 2013 May	1X	37		37
26 2013 May	20	10,102	10,407	20,509
27 2013 May	23	195	32	227
28 2013 May	24	195	322	517
29 2013 May	26	133	55	188
30 2013 May	27	43		43
31 2013 May	2E	272	224	496
32 2013 May	2V	33		33
33 2013 May	30	74,563	427,601	502,164
34 2013 May	32	8,821	78,110	87,731
35 2013 May	33	22,406	292,582	314,987
36 2013 May	34	45,877	229,490	275,367
37 2013 May	35	28,078	133,796	161,874
38 2013 May	36	78	51	129
39 2013 May	37	6,802	1,181	7,983
40 2013 May	38	3,897	19,864	23,761

Filter lets you choose a subset ...

In this case, the aid codes for foster care were chosen

Unsaved View Save As... Revert

Based on Statewide Medi-Cal Certified Eligible Individuals, by Aid Code, 2013 - 2015
This data set includes statewide counts of Medi-Cal certified eligibles by Month, Aid Code and Delivery System. The term certified ▶

Manage More Views Filter Visualize Export Discuss Embed About

MONTH OF ELIGIBILITY	AID CODE	FEE FOR SERVICE COUNT	MANAGED CARE COUNT
1 2013 Jun	40	8,626	3
2 2013 Jun	42	15,776	9
3 2013 Jun	43	1,081	1
4 2013 Jun	45	4,467	3
5 2013 Jun	49	1,397	9
6 2013 Jun	4H	51	1
7 2013 Jul	40	8,732	3
8 2013 Jul	42	15,935	9
9 2013 Jul	43	1,201	1
10 2013 Jul	45	4,544	3
11 2013 Jul	49	1,512	9
12 2013 Jul	4H	69	1
13 2013 Aug	40	8,689	3
14 2013 Aug	42	15,921	9
15 2013 Aug	43	1,329	1

Filter

Filter this dataset based on contents.

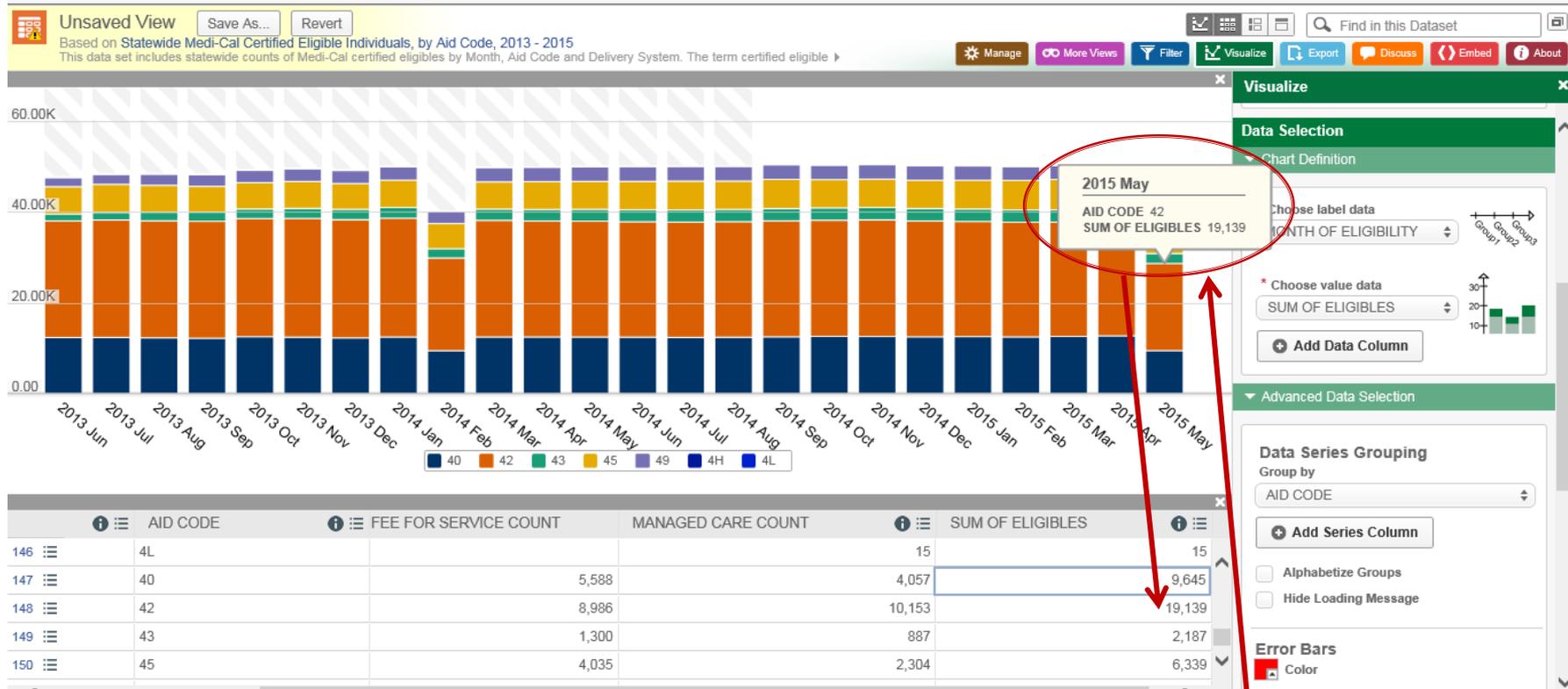
AID CODE is

- 40
- 45
- 49
- 4h
- 4l
- 4n
- 4p
- 4r
- 42
- 43

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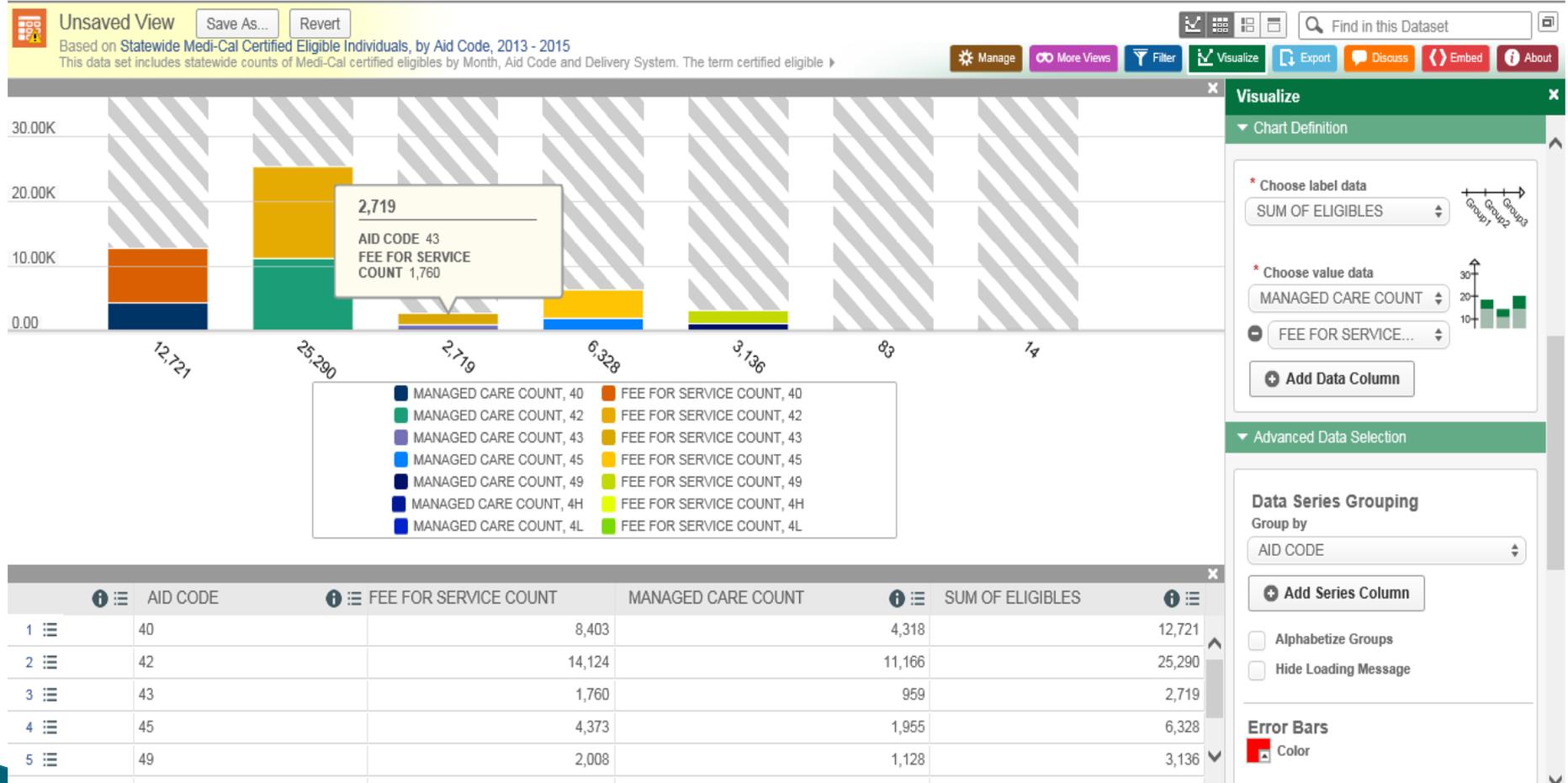
© 2015 California Health & Human Services Agency

Now choose the visualization to stack the data

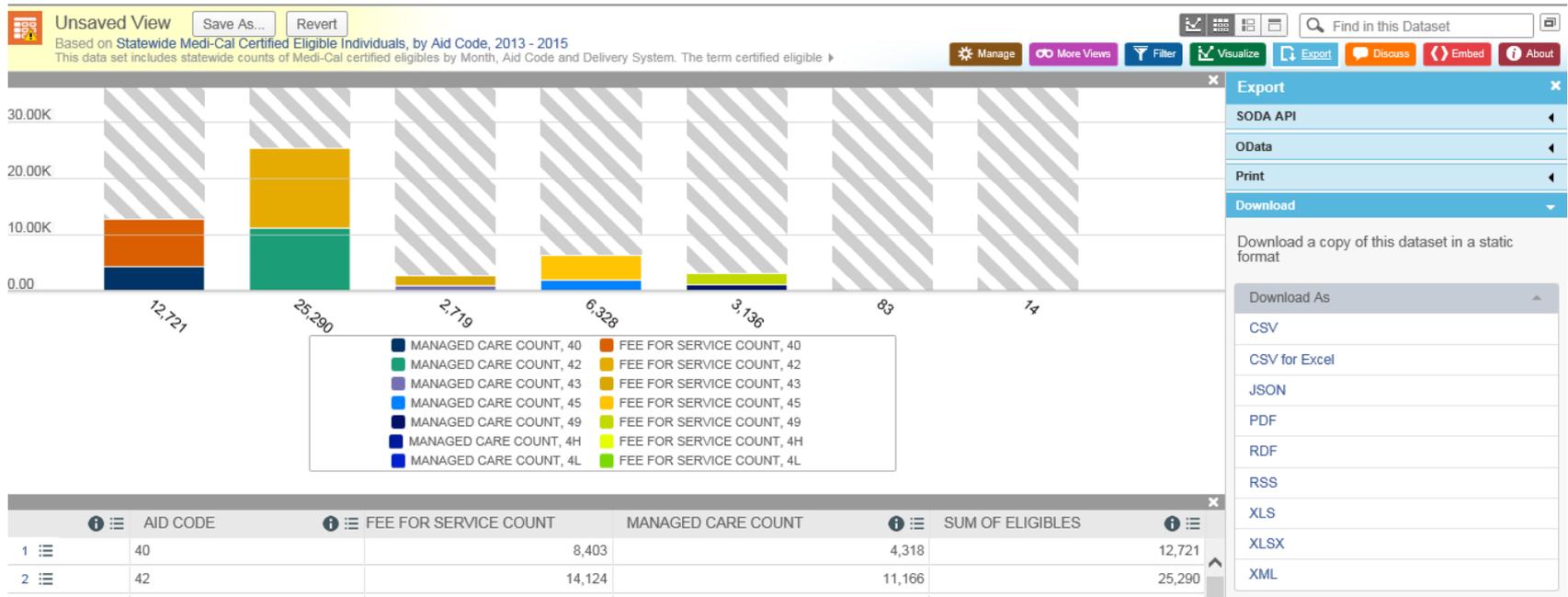


The data is shown below the visualization. Hovering over the portion of the chart will give the information as a bubble note.

Choosing a one month sample with the managed care vs fee-for-service distribution



The data can be exported in a variety of formats



Note – The underlying data, with the filters, is exported; however, the graphic visualization is not.

API Enabled – Information for application developers

opers ▾ Data Publishers ▾ API Docs ▾ Libraries & SDKs

Build something awesome with Open Data!

The Socrata Open Data API allows you to programmatically access a wealth of open data resources from governments, non-profits, and NGOs around the world. Click the link below and try a live example right now.

 <https://data.ct.gov/resource/hma6-9xbg.json?category=Fruit&item=Peaches> 

App Developers

Looking to use open data as part of your application or your business? Learn how to [get started](#).

Libraries & SDKs

Support for most popular programming languages and platforms.

Need Help?

Struggling with a problem you can't figure out? [Get help fast!](#)



Data Publishers

Are you a Socrata customer or data publisher? Want to learn more about how to automate the maintenance of your open data? Check out our [data publishing guide](#) »

Changelog

Track the latest updates to our APIs and learn about upcoming changes.

- [2015-07-31 - Socrata Labs Export API Deprecation](#)

Contributing

Learn how to contribute to the community and share your work.

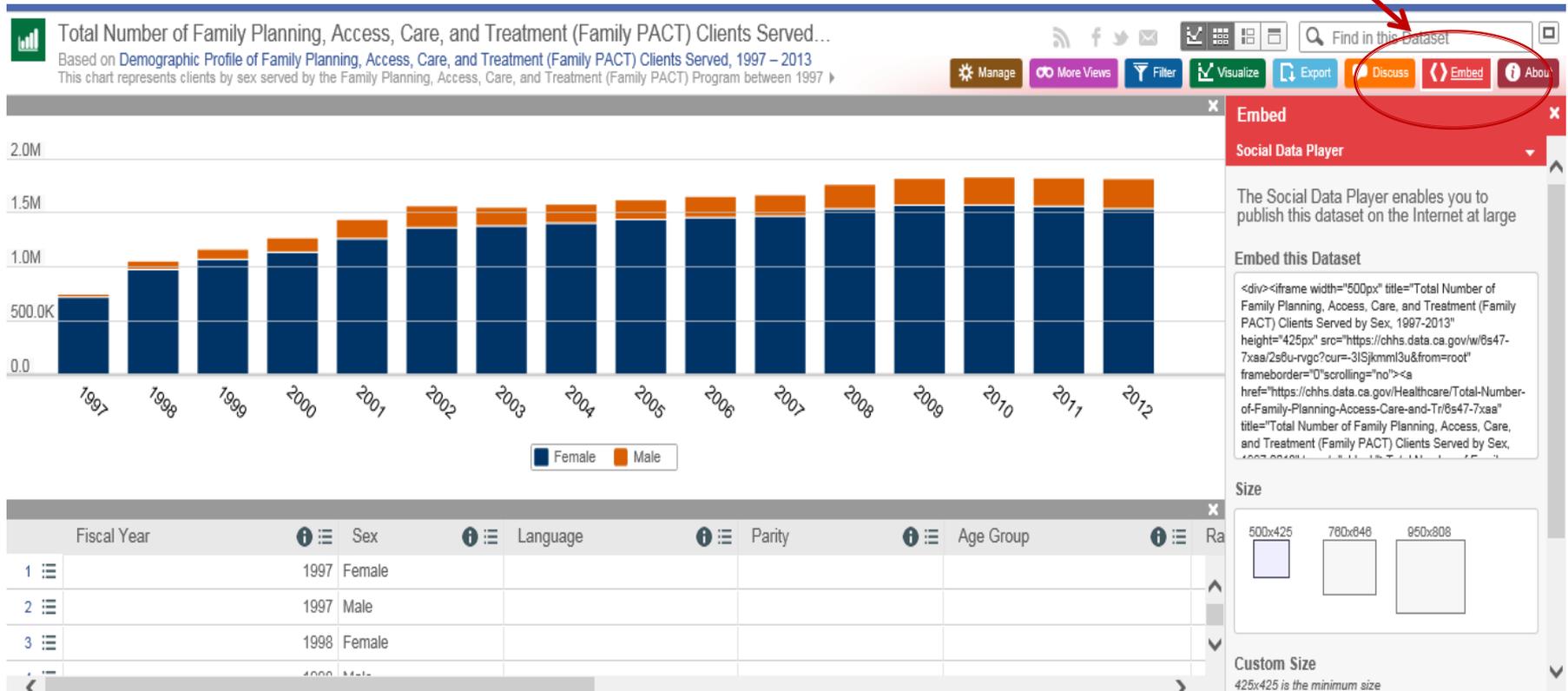
Event Calendar

Subscribe to a public calendar of upcoming Socrata developer events.

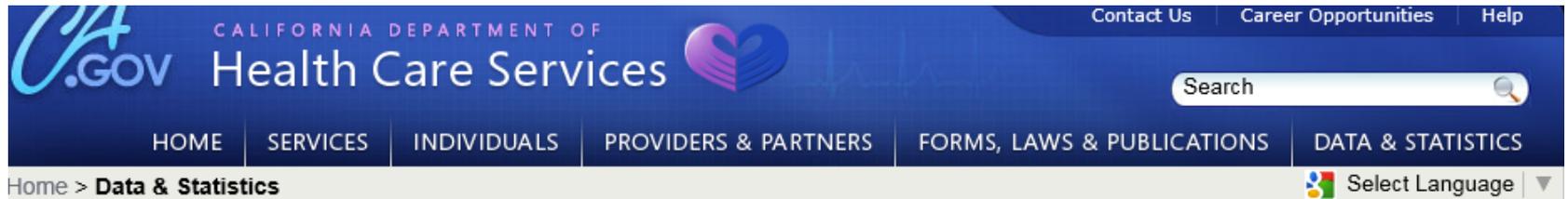
An API Example – <http://findwic.com/>



The graphic can be embedded in to other web sites



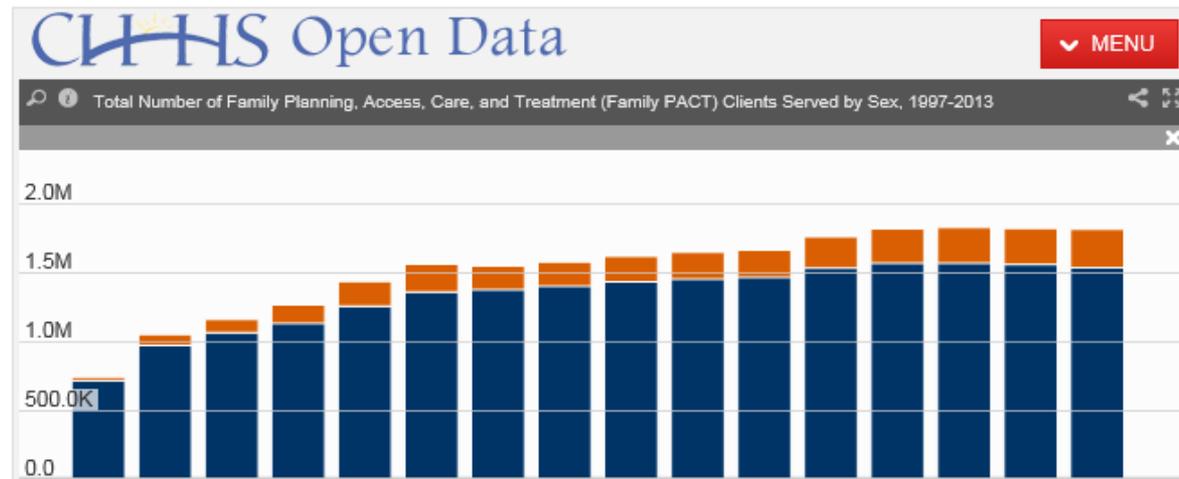
An Example – Embedded Graphic at DHCS



The header of the California Department of Health Care Services (DHCS) website. It features the CA.GOV logo, the text 'CALIFORNIA DEPARTMENT OF Health Care Services', and a heart icon. Navigation links include 'Contact Us', 'Career Opportunities', and 'Help'. A search bar is present. A main menu contains 'HOME', 'SERVICES', 'INDIVIDUALS', 'PROVIDERS & PARTNERS', 'FORMS, LAWS & PUBLICATIONS', and 'DATA & STATISTICS'. A breadcrumb trail shows 'Home > Data & Statistics'. A language selection dropdown is labeled 'Select Language'.

Data & Statistics

Find out about Statistics and Reports produced by Department programs as well as links to other data related to DHCS programs. DHCS is actively adding data to the CHHS Open Data Portal. To interact with DHCS data on the CHHS Open Data Portal, visit chhs.data.ca.gov. Below is an example of data that is on the CHHS Open Data Portal.



The sidebar contains two sections: 'RESOURCES' and 'RELATED LINKS'. The 'RESOURCES' section lists various links: 'About DHCS', 'ACA Questions & Answers', 'Affordable Care Act (ACA)', 'All Programs & Services', 'Calendar of Events', 'DHCS A-Z Index', 'Laws & Regulations', 'Medi-Cal Waivers', 'Privacy & HIPAA', 'Stakeholder Engagement Initiative', and 'Steps to Medi-Cal'. The 'RELATED LINKS' section is currently empty.

Other Examples - Leading Causes of Death 2012

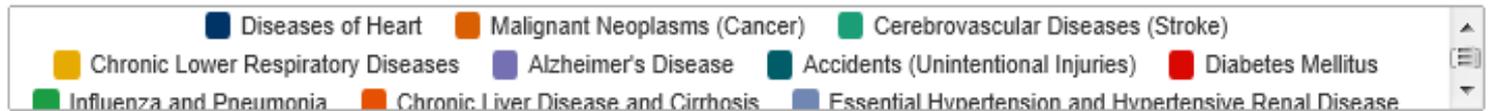
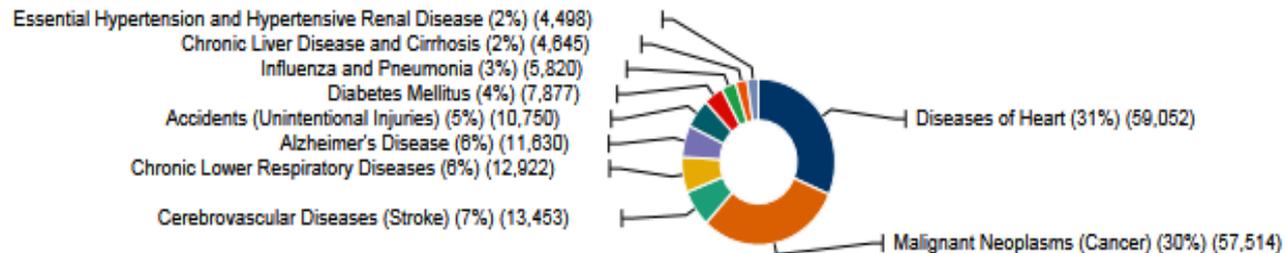


Leading-Causes-of-Death-2012-CA-CDPH

Based on [Leading-Causes-of-Death-2012-CA-CDPH](#)

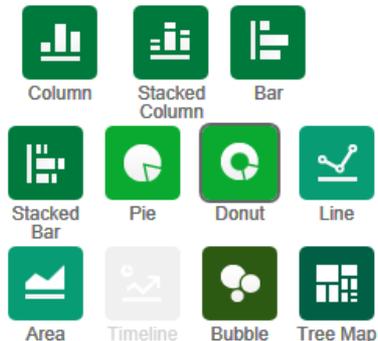
This dataset is of the causes of death which are those responsible for the greatest number of deaths. The cause-of-death codes are ▶

Manage

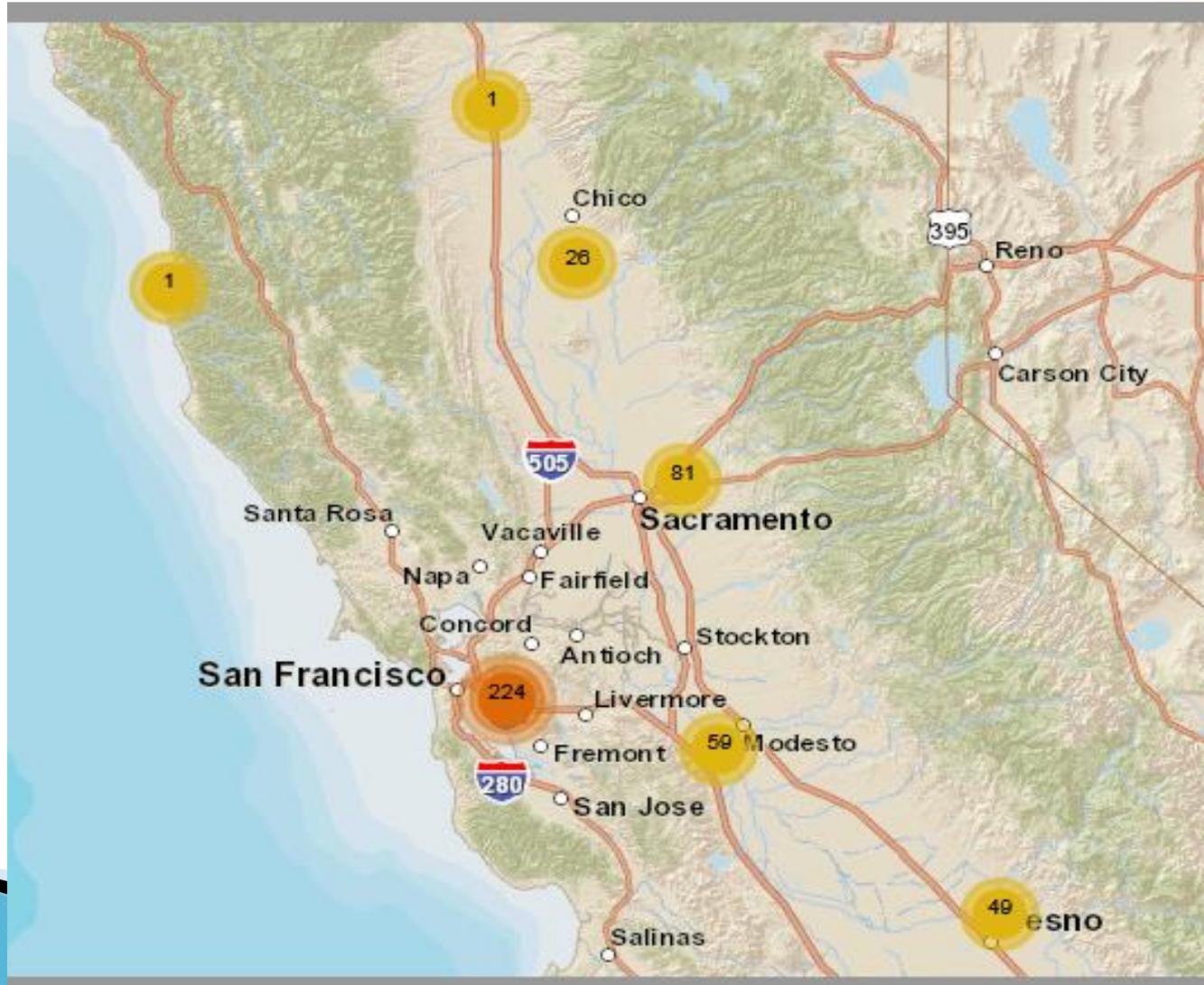


<https://health.data.ca.gov/Births-Deaths/Leading-Causes-of-Death-2012-CA-CDPH/hq5x-y7p7>

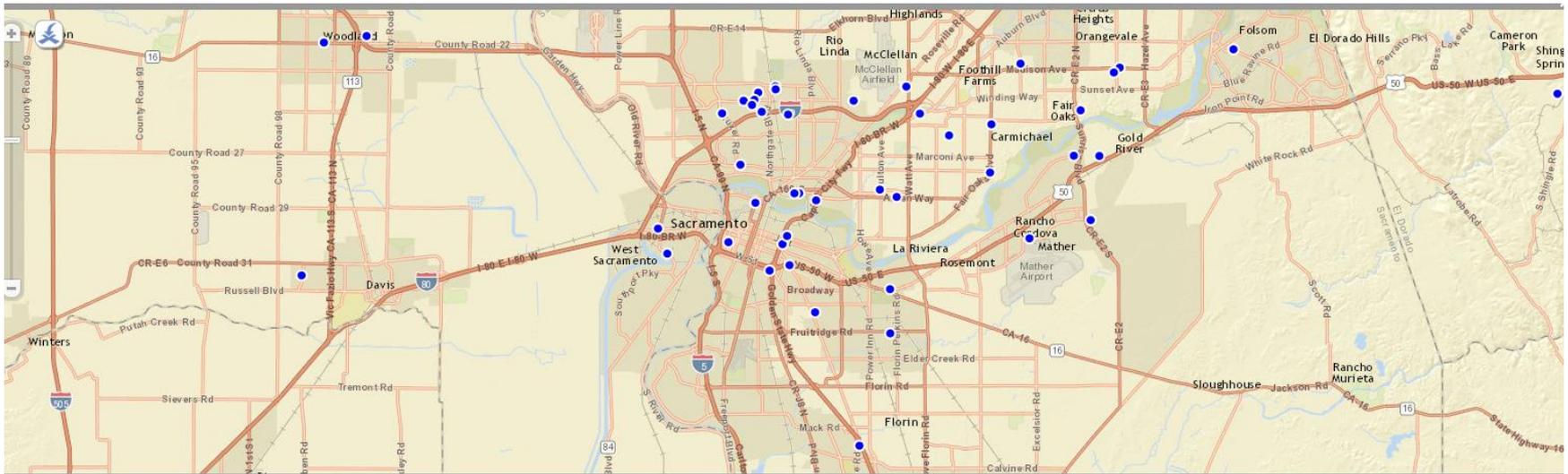
Visualization Type Donut Chart



Home Medical Device Retailers by Zip Licensed by CDPH – 2014

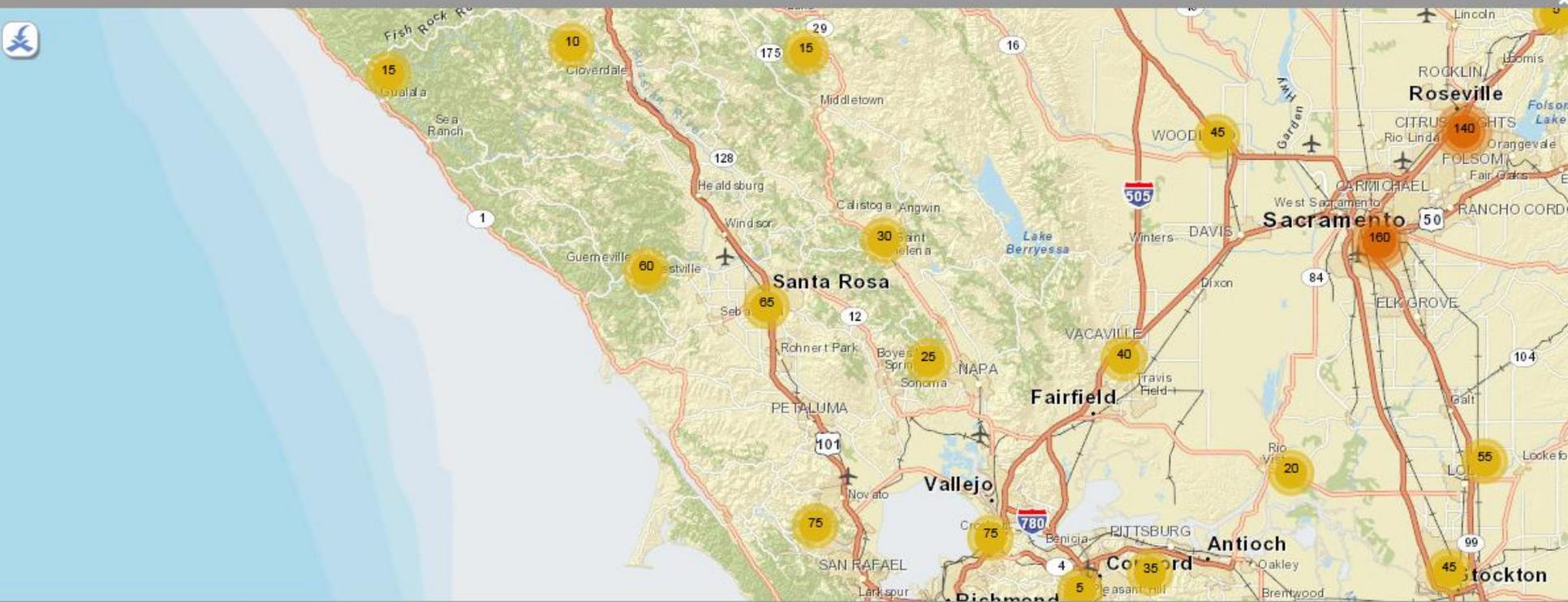


<https://health.data.ca.gov/Locations/HMDR-Firms-by-ZIP-in-California-2014-CA-CDPH-Map/s2ha-zud5>



License_Number	FirmName	Doing_Business_As:	Expiration_Date	Work_Phone	Street_Address
43183	Apria Healthcare LLC		02/07/2015	(916) 921-1162	4295 Business Drive
44380	Marion Medical Supply, Inc.		10/21/2014	(916) 451-4461	2508 Franklin Boulevard
45056	HNH Wheelchair Sales, Service & Rep		01/12/2015	(916) 489-4180	7330 Fairoaks Blvd, Suite
46959	Apria Healthcare LLC		08/27/2015	(530) 669-6420	1680 Tide Court
47221	Sutter Visiting Nurse Association and	Timberlake	03/01/2015	(916) 423-2198	8322 Ferguson Avenue
48592	Aable Medical Products		01/18/2015	(916) 852-0699	3250 Monier Circle, Suite
100685	Harbor Medical Supply		10/01/2014	(916) 372-8766	2917 West Capitol Avenue

<https://health.data.ca.gov/Births-Deaths/Birth-By-Mothers-Age-By-ZIP-2008-2012-CA-CDPH-MAP/np8e-u2p2?>



YEAR	ZIP Code	AGE	COUNT	CITY	STATE	LATITUDE	LONGITUDE	LOCATION
2010	94508	UNDER 20		Angwin	CA	38.568307	-122.45084	(38.568307, -122.45084)
2010	94515	UNDER 20	7	Calistoga	CA	38.597907	-122.60952	(38.597907, -122.60952)
2010	94533	UNDER 20	99	Fairfield	CA	38.269582	-122.03701	(38.269582, -122.03701)
2010	94534	UNDER 20	8	Fairfield	CA	38.245844	-122.101917	(38.245844, -122.101917)
2010	94535	UNDER 20	2	Travis AFB	CA	38.277661	-121.9192	(38.277661, -121.9192)
2010	94558	UNDER 20	56	Napa	CA	38.337243	-122.30027	(38.337243, -122.30027)
2010	94559	UNDER 20	23	Napa	CA	38.291164	-122.28671	(38.291164, -122.28671)



BabyNames-Graph-Top-Female-2011-2013-CA-CDPH

Based on Baby Names-2009-2013-CA-CDPH

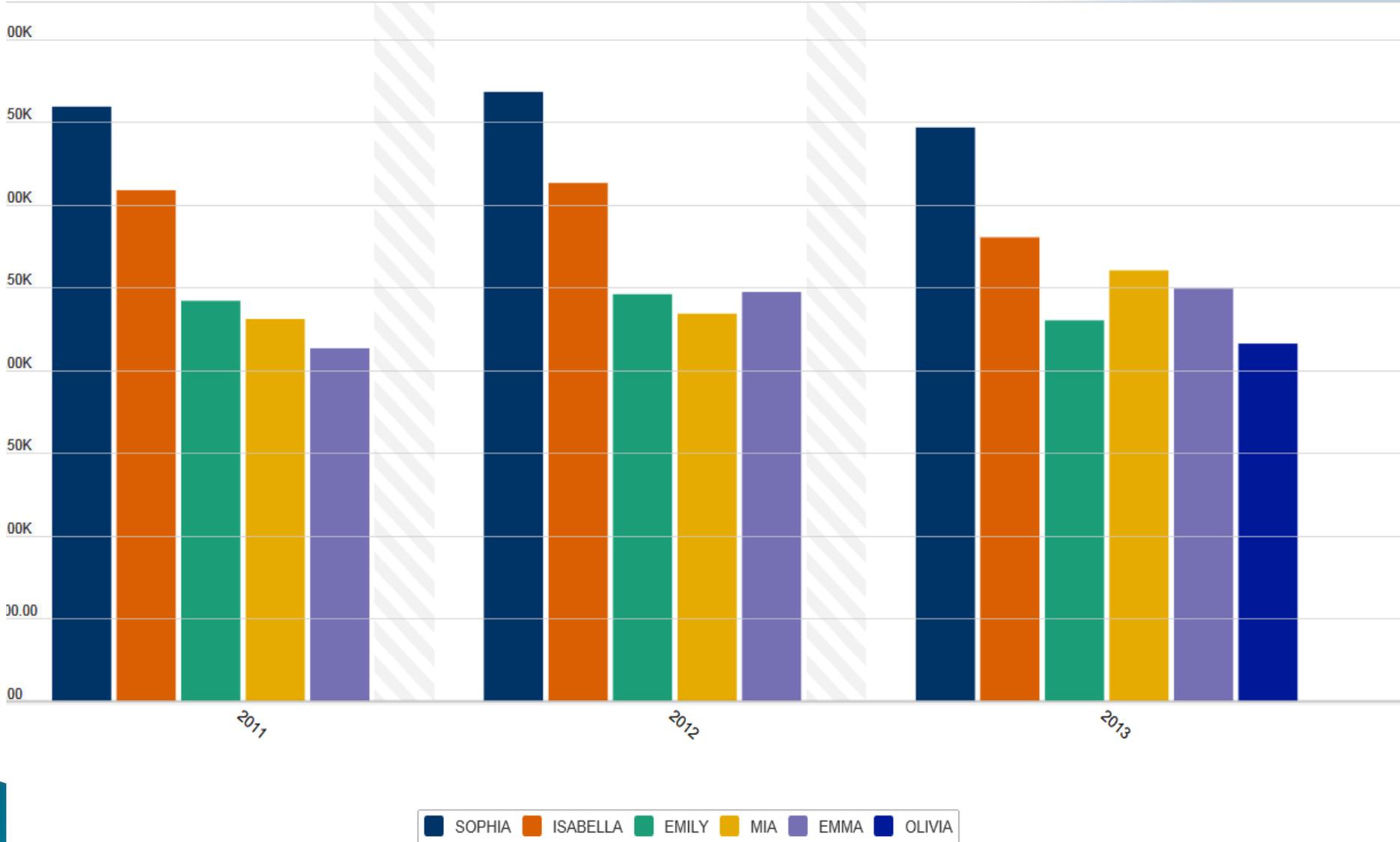
This is a graph of the top female baby names in 2011 through 2013 based on California baby names for the years 2009 through 2013.



Manage

More Views

Filter



Thank you!

