

Orientation Training to the NEOPB GIS Map 3.0

Tuesday, October 25, 2016 | 1:00pm – 3:00pm

Audio PIN: Shown after joining the training

Launch your GIS site!

<http://gis.cdph.ca.gov/NEOPBGIS/home.htm>

This meeting will begin momentarily.

To connect to the audio portion of the call,
use the telephone option and enter your designated audio pin.

This webinar is being recording; if you do not consent, please hang up and contact your NEOPB program representative.



Housekeeping

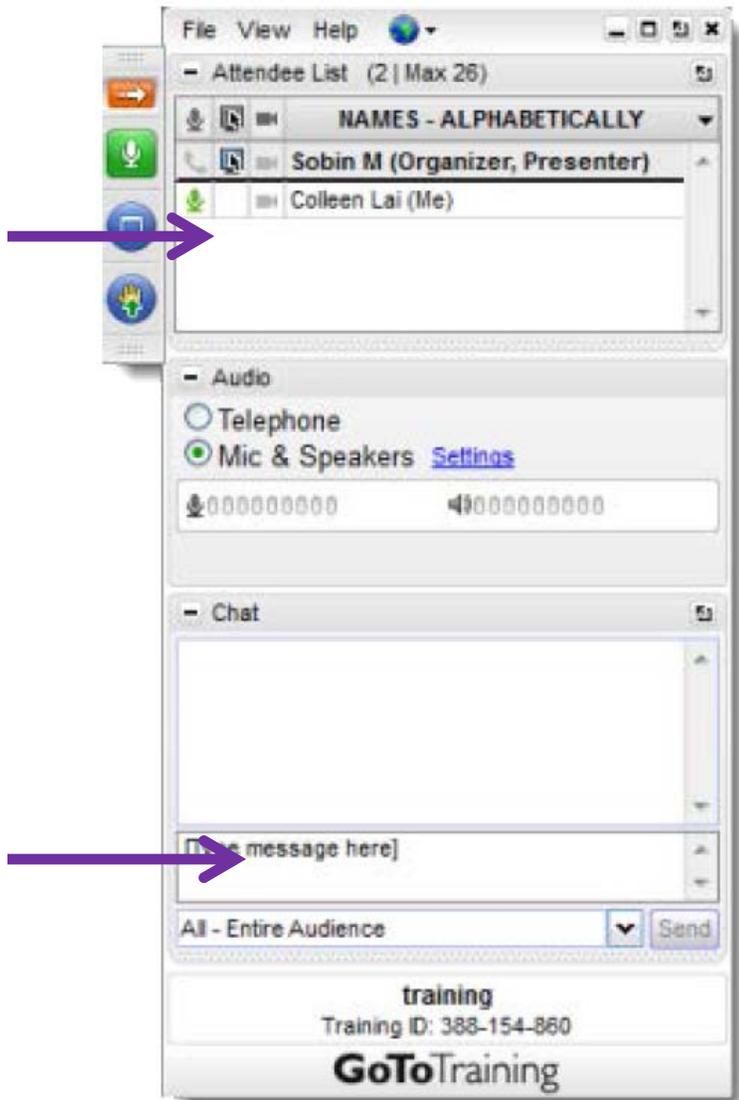
- Mute phones during training
- Minimize distractions
- Technical support:
 - GoTo Training (Citrix) at 1-888-646-0014
 - Choose option 1, then option 1 again



Using GoTo Training

**Webinar Recording and Slides:
Available on the FFY 2017
NEOPB Training Events Archive**

<http://www.cdph.ca.gov/programs/NEOPB/Pages/SNAP-EdFFY2017TrainingArchive.aspx>



Erin Moore
Training Consultant



Additional GIS Support

TUTORIALS AND HELP MENU AVAILABLE

• Qualifying an Address with a census tract
• Qualifying an Address with a Block Group
• Query Tool: Draw a Boundary/Download Data within
• Navigating the Map
• Using the Layer List and Legend
• Viewing and Understanding the Meta Data
• Zoom to Geography and View Data Layers
• Identifying Data Features
• Attribute Table and Downloading to Excel
• Query Tool Buffering a Location
• Query Tool: Download Features in an existing Boundary
• How to estimate the Population in an Area
• Help Menu



Additional GIS Support

GIS Exhibitor's Table on Day 2 (11/15/16) of the PDM!



CDPH/NEOP Project Directors Meeting

Hyatt Regency Sacramento
November 14-15



Welcome to

An Orientation Training to the NEOPB GIS Map 3.0



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Today's Agenda

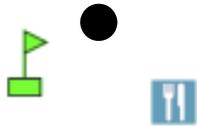
1. Introduction
2. Navigating the Map Viewer
3. Viewing the Data
4. Census Data and Qualifying Census Tracts
5. **10 Minute Break**
6. Toolbar (Advanced Tools)
7. Additional Tools
8. Questions



Examples (throughout the training)



Data Layer Types Available on GIS



Point Features : ie: Schools, Grocery Stores, or Fast Food



Polygon Features : ie: Counties, Census Tracts or Population Centers, Zip Codes.



Web Link URL

<http://gis.cdph.ca.gov/NEOPBGIS/home.htm>



Nutrition Education and Obesity Prevention Branch GIS Map Viewer

The Nutrition Education and Obesity Prevention Branch mapping application is an interactive, internet-based Geographic Information System (GIS) that allows users to view and query mapped nutrition data. The application contains a rich set of nutrition and other health related data.



Map Viewer 3.0

Launch GIS Viewer >>

(Link opens in a new browser window)

Notes:

- Official Release: Oct 1st 2016
- requires Internet Explorer 9.0 or above, Mozilla Firefox 11.0 or above OR Google chrome 20.0 or above
- uses pop-up windows - disable pop-up blocking for this site

[Tutorials and Help Menu \(GIS Viewer 3.0\)](#)



Browser Problems

Internet Explorer – Most common issue



Go to **Settings**, then **Internet Options** and under **Browsing History** press **Delete...**



- Preserve Favorites website data**
Keep cookies and temporary Internet files that enable your favorite websites to retain preferences and display faster.

- Temporary Internet files and website files**
Copies of webpages, images, and media that are saved for faster viewing.
- Cookies and website data**
Files or databases stored on your computer by websites to save preferences or improve website performance.

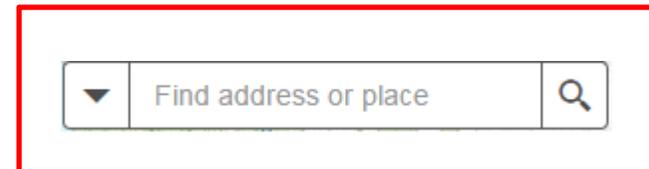
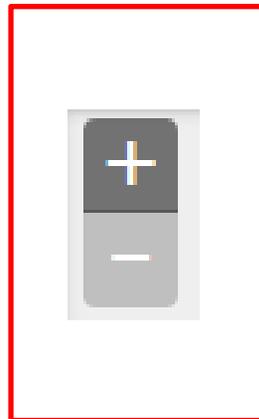
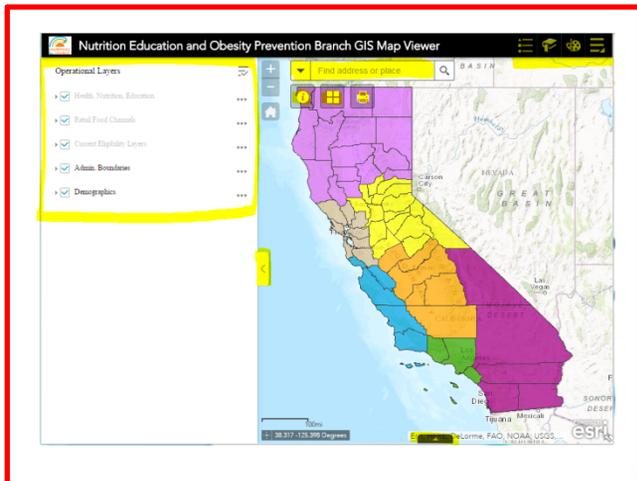
Navigating the Map



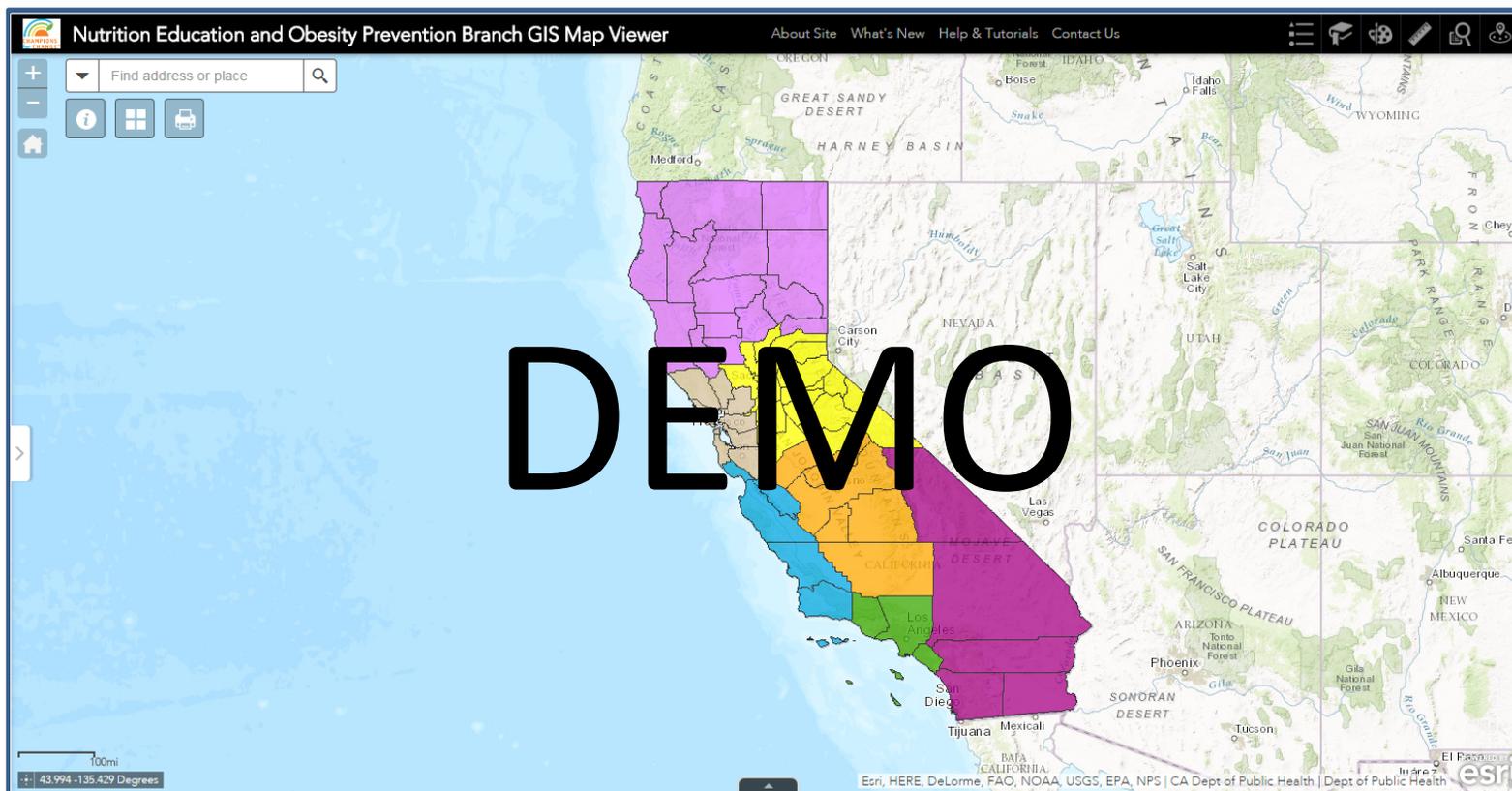
1. Site Layout

2. Panning and Zooming

3. Search Bar



Navigating the Map Viewer



Layer List

Operational Layers	
▶ <input checked="" type="checkbox"/> Health, Nutrition, Education	...
▶ <input checked="" type="checkbox"/> Retail Food Channels	...
▶ <input checked="" type="checkbox"/> Current Eligibility Layers	...
▶ <input checked="" type="checkbox"/> Admin. Boundaries	...
▶ <input checked="" type="checkbox"/> Demographics	...

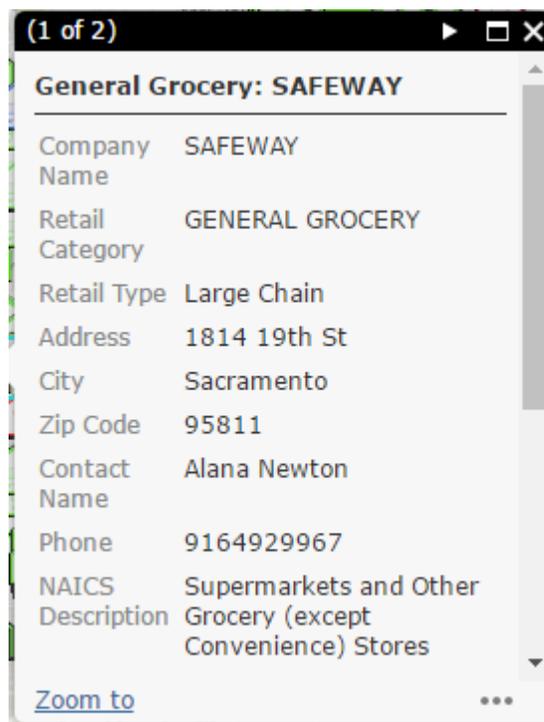
Gray Text means the layer cannot turn on until you zoom in/out

Checkbox turns a layer on and off, but the Group must be on at all times.

... There are two menus, if you wish to view the attribute table use the layer menu, if you want to change the transparency of the layer view the group menu.



Popups



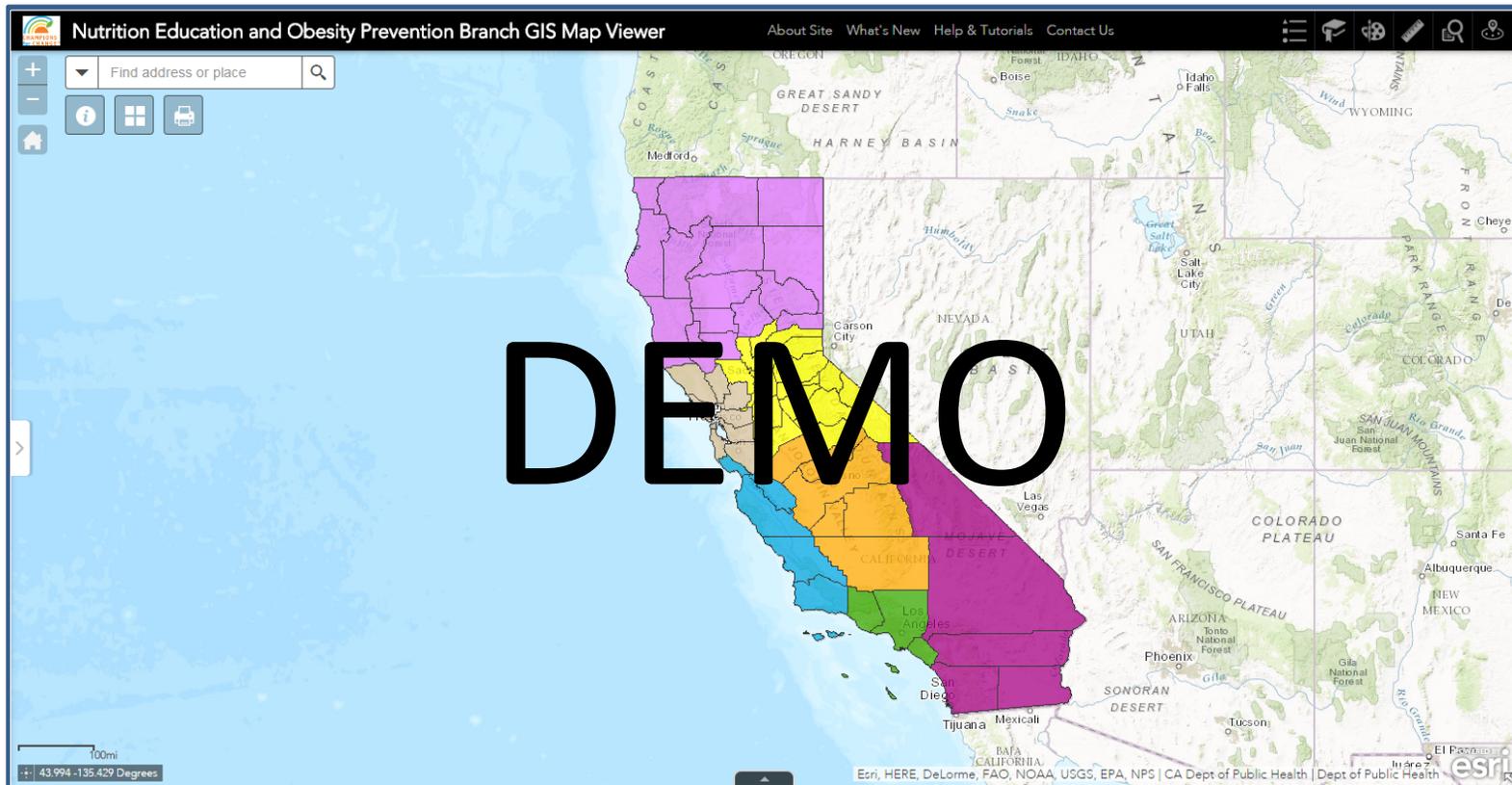
If this arrow appears, it means you have clicked on more than one feature



This is the popup menu and will allow you to view the data in the attribute table



Viewing the Data





Example 1

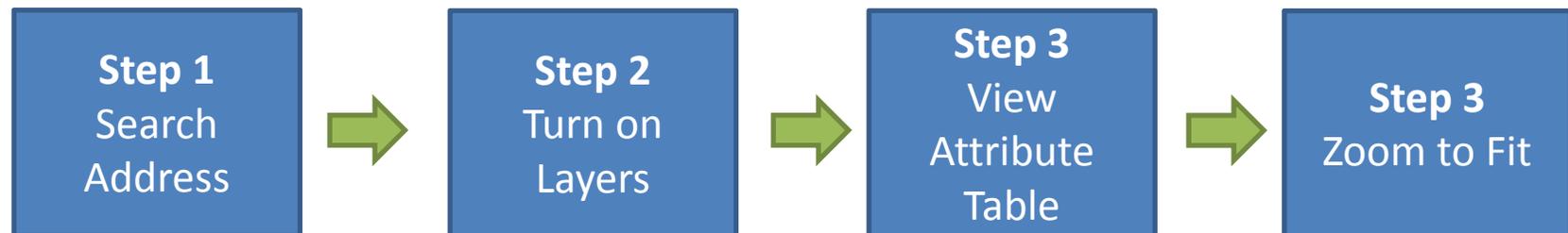
Using Layers



Using Search Bar, Layer List and Identify Tool to determine the following question.

Question: How many Fast Food Restaurants are in the Zip Code “94561”?

Bonus Question: How many are classified as Pizza Chains?



Retail Food Channels > Fast Food, Pizza, Sandwiches and Admin. Boundaries > Zip Codes



Qualified Census Tracts

What is a qualified census tract?

- A qualified census tract is a tract in which at least 50% of the targeted population is under the 185% Federal Poverty Level

Example:

A tract has a Total Population of 10,000.

It has 6000 (60%) people under the 185% Federal Poverty Level.

It is qualified.

Why is it necessary to determine eligibility of a census tract?

- This helps ensure that targeted populations are low income.
- USDA requires that funding be targeted only to snap eligible populations and other low-income households, with incomes at or below 185% of the Federal Poverty Level.

Qualified Census Tracts

What layers do we have?

American Community Survey 2010-2014 is **CURRENT**

- All Races at 185% by Census Tracts
- Individual Races at 100% by Census Tracts
- All Races at 185% by Block Groups
- Median Household Income by Block Groups
- Households with income less than \$20,000 by Block Groups

American Community Survey 2006-2010

- All Races at 185% by Census Tracts
- Individual Races at 100% by Census Tracts
- All Races at 185% by Block Groups
- Median Household Income by Block Groups
- Households with income less than \$20,000 by Block Groups
- Individual Races at 185% by Census Tracts (Data is not 100% complete)

Qualified Census Tracts

Projected future ACS releases

ACS 2011 – 2015 (**Feb 2017** on NEOPB GIS) – Available on Census Site, Dec 2016

ACS Selected Races 2011 – 2015 (**June 2017** on NEOPB GIS)

– Available on Census Site, March 2016

- *Includes Individual Races at 185% of the FPL*

ACS 2012 – 2016 (**Feb 2018** on NEOPB GIS) – Available on Census Site, Dec 2017

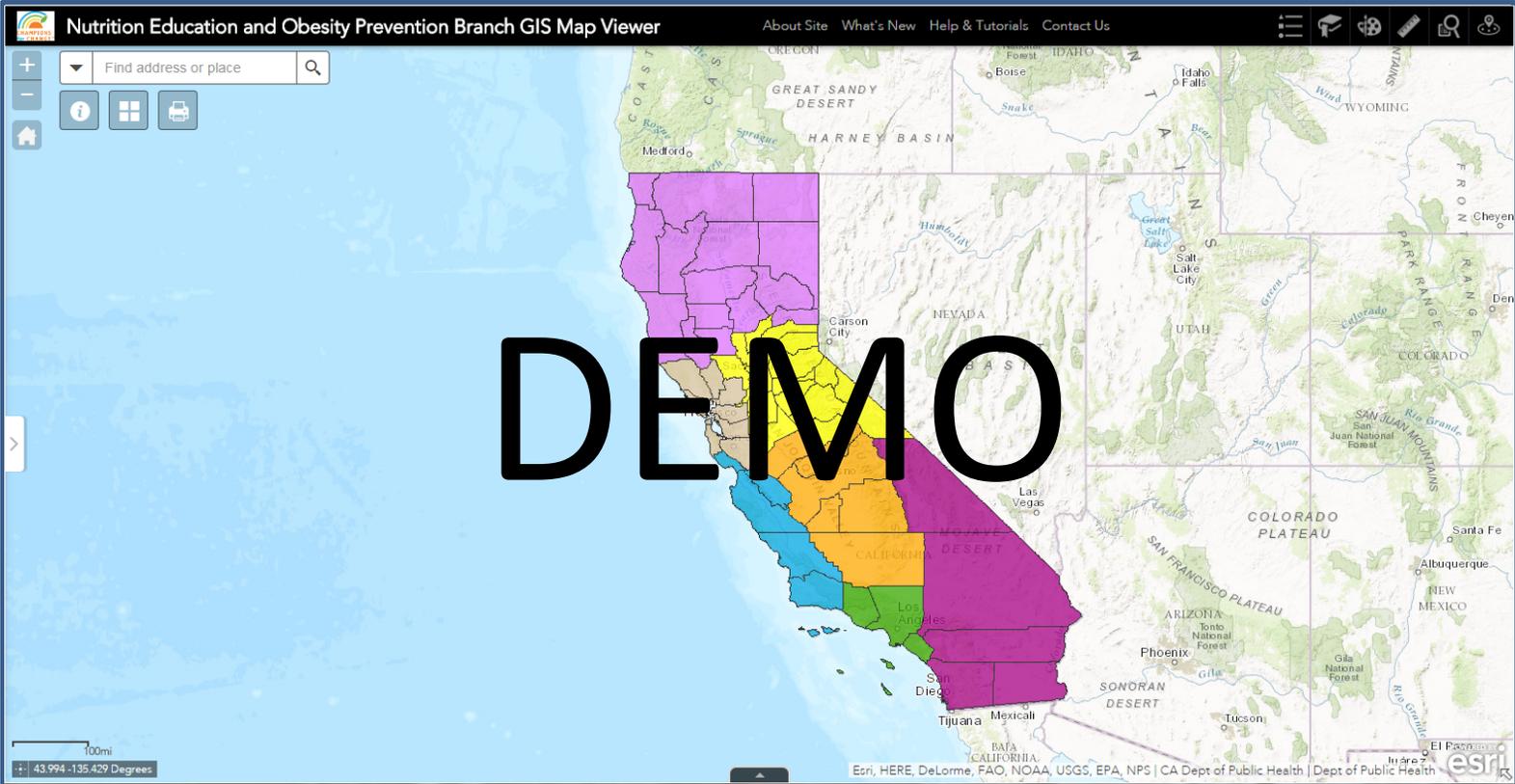
ACS 2013 – 2017 (**Feb 2019** on NEOPB GIS) – Available on Census Site, Dec 2018

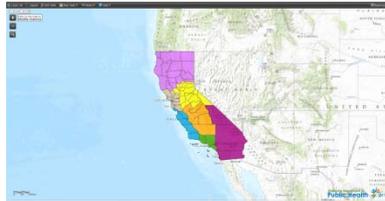
ACS 2014 – 2018 (**Feb 2020** on NEOPB GIS) – Available on Census Site, Dec 2019

ACS 2015 – 2019 (**Feb 2021** on NEOPB GIS) – Available on Census Site, Dec 2020

- *Note: Final dataset using 2010 Boundaries*

Census Data and Qualifying Census Tracts





Example 2 Determine eligibility



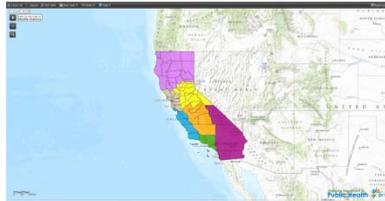
You hear about a Farmers' Market in San Francisco which is held at approximately Union Street and Powell Street. You would like to set up a nutrition education stand at the market.

Question: Is this Farmer's Market in an eligible tract and does it accept EBT?



[Retail Food Channels](#) > [Farmers Markets and Current Eligibility Layers](#) > [Current Catch All Eligibility](#)





BREAK
10 Minutes



Toolbar



Legend



Jump to Location



Draw Graphics



Measure

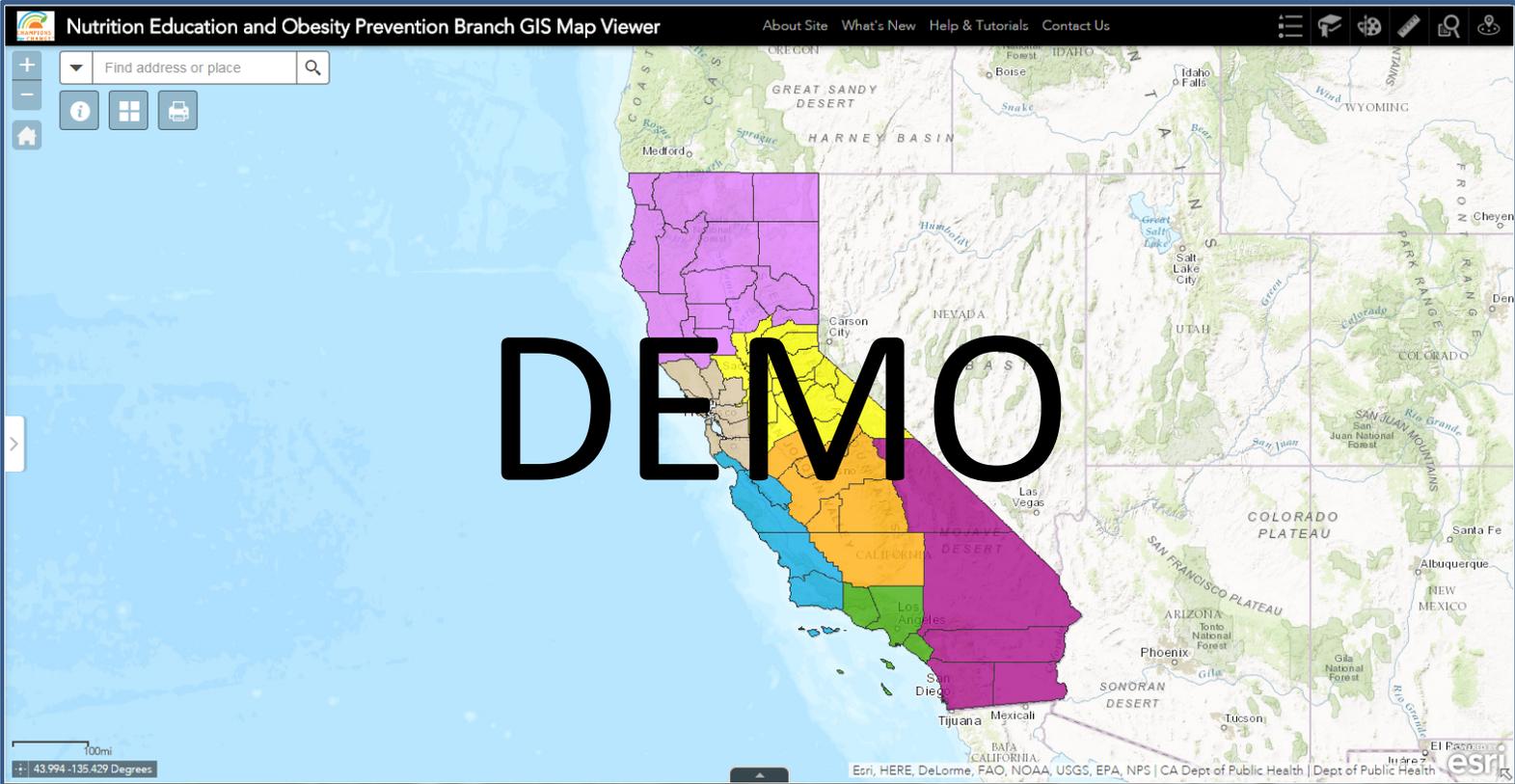


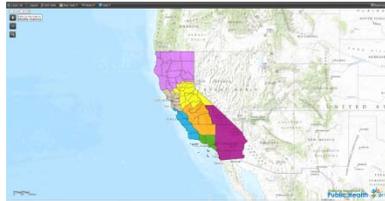
Query Tool



Population Estimator

Exploring the Toolbar





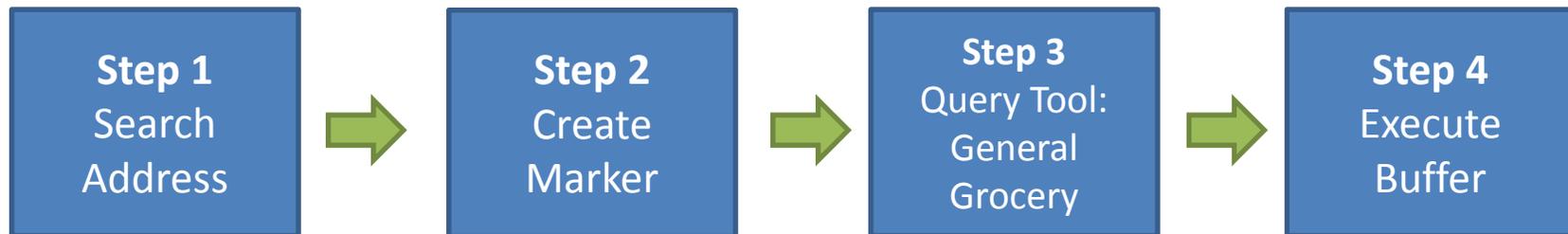
Example 3

Query Tool: Buffering



Children's Hospital of Los Angeles is planning a health fair. The fair will be located at 4650 W. Sunset Blvd, Los Angeles, CA 90027. You would like to advertise the event with flyers at nearby grocery stores.

Question: How many grocery stores are within a 1 mile of the hospital?



[Retail Food Channels](#) > General Grocery





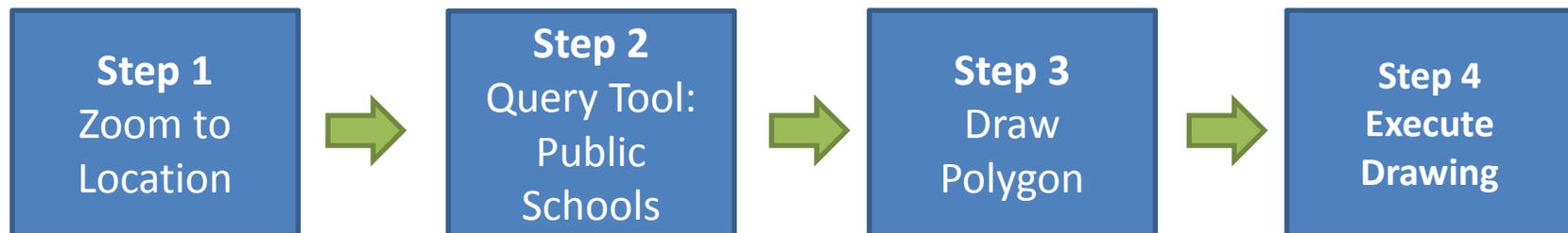
Example 4 Query Tool: Drawing



You are interested in getting a complete list of all public schools in the City of San Francisco and download this it to excel.

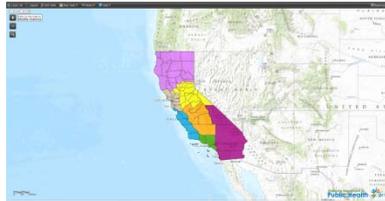
Question: How many elementary schools are located in San Francisco?

Note: Turning on the layer is not required to see your results.

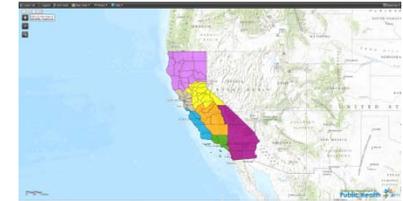


Health, Nutrition and Education > Public Schools

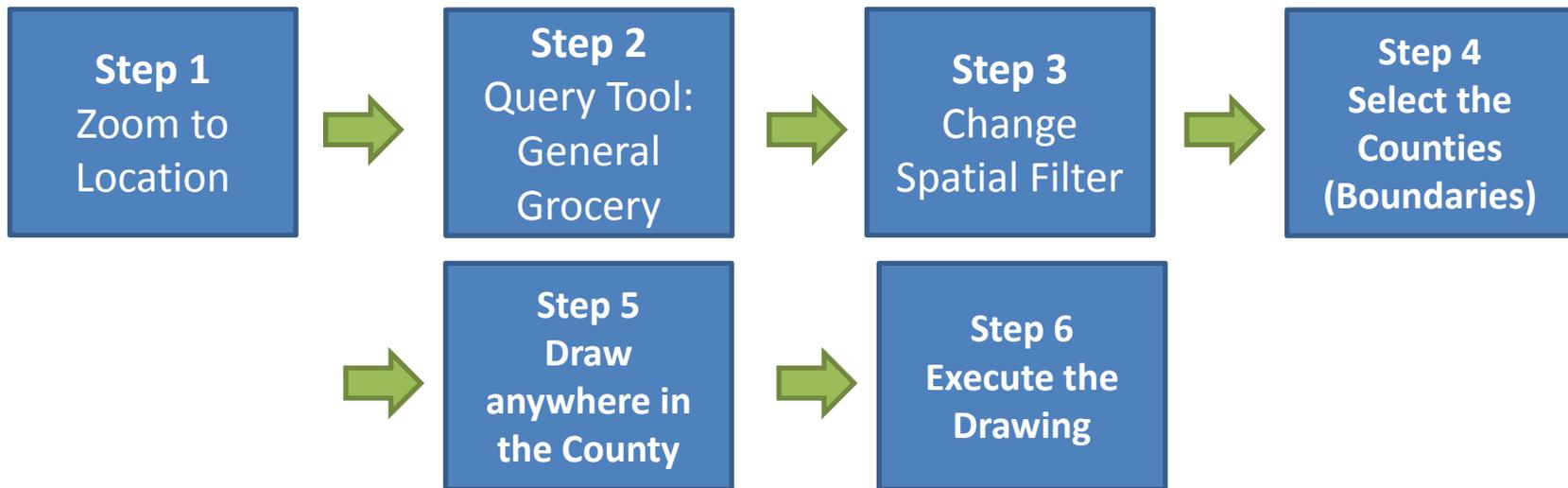




Example 5 Downloading within existing boundaries



How many Grocery Stores are in Marin County?

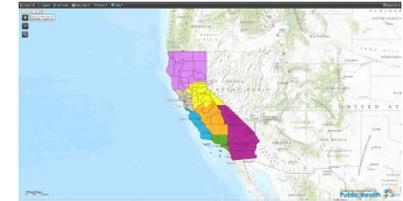


Retail Food Channels > General Grocery

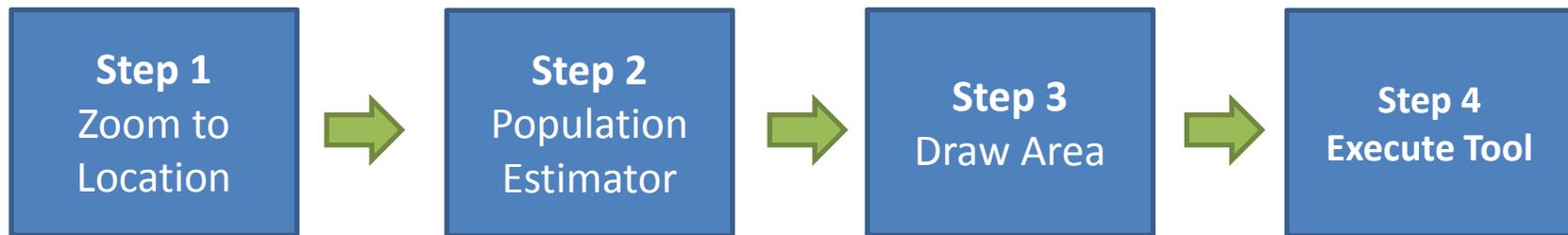


Example 6

Population Estimator

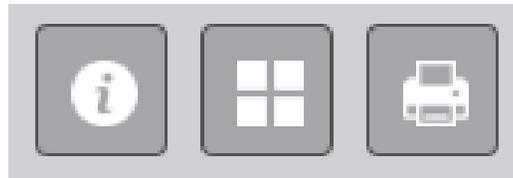


What is the estimated population of downtown Sacramento?

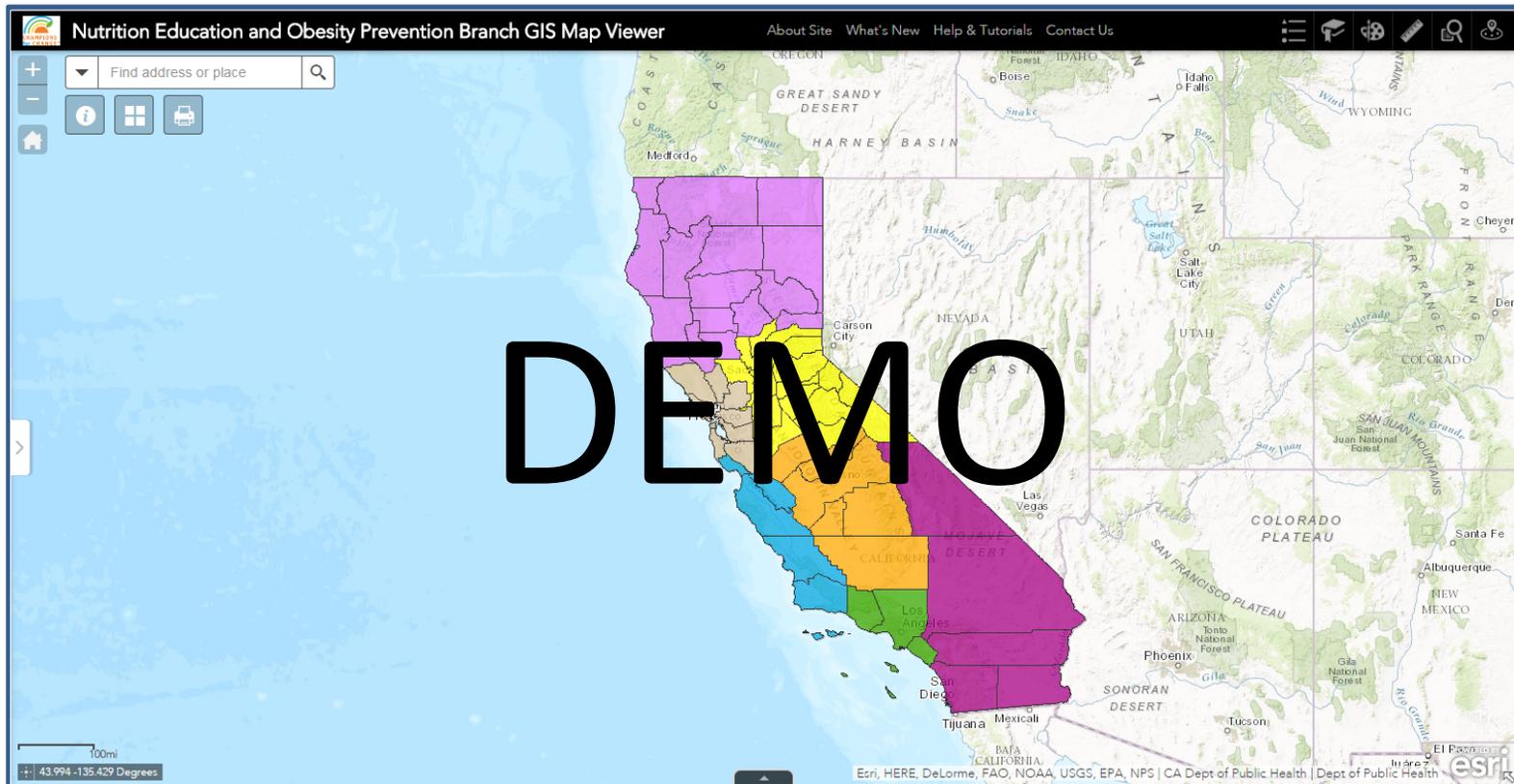


Additional Tools

- Viewing the Meta Data (Information about data)
- Tutorials and Help Menu
- Changing the Base map (Background)
- Printing your Map

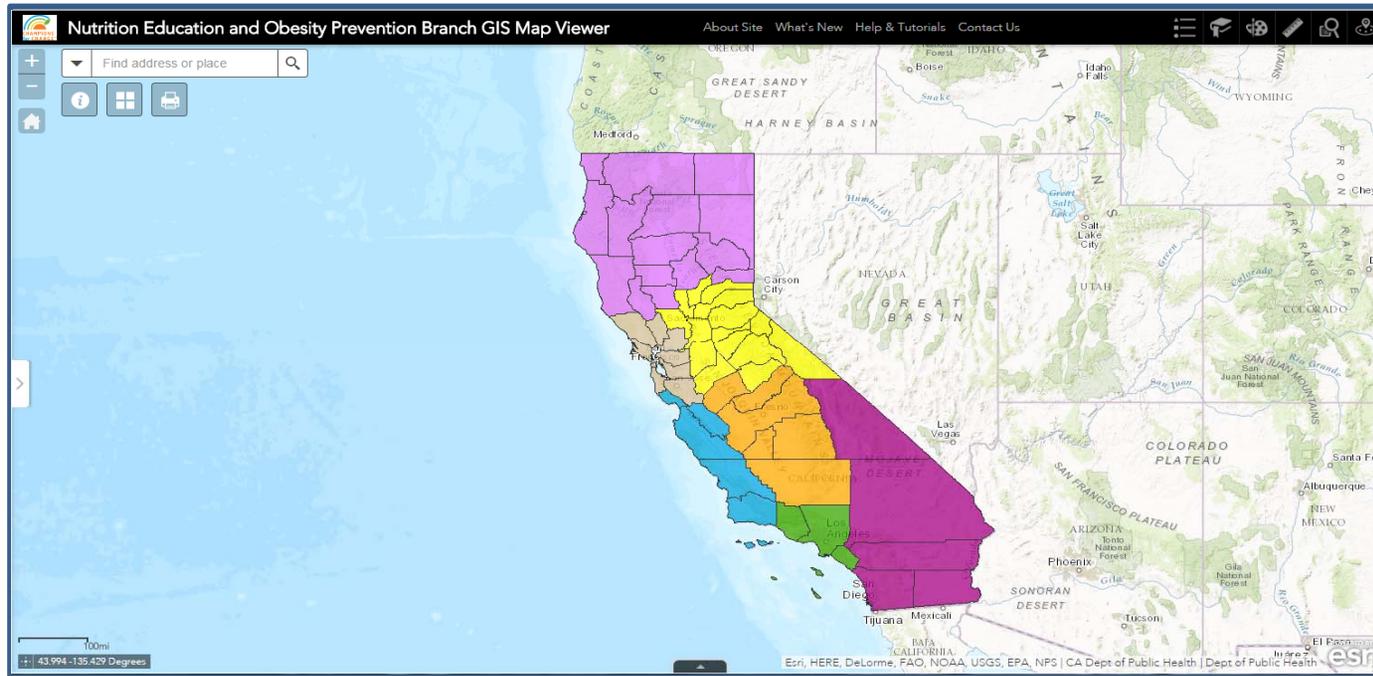


Additional Tools





Questions?



Thank you!

**If you have any further questions, or suggestions about this training
please contact us at.**

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Mitchell Lee: (916) 449-5828 or e-mail Mitchell.Lee@cdph.ca.gov

