



LAND OPPORTUNITIES TRACKING SYSTEM

Toolbox Tuesdays

February 10, 2009

Training Materials:

**CA LOTS: California Land
Opportunities Tracking System**





CALots: Internet GIS Training Guide

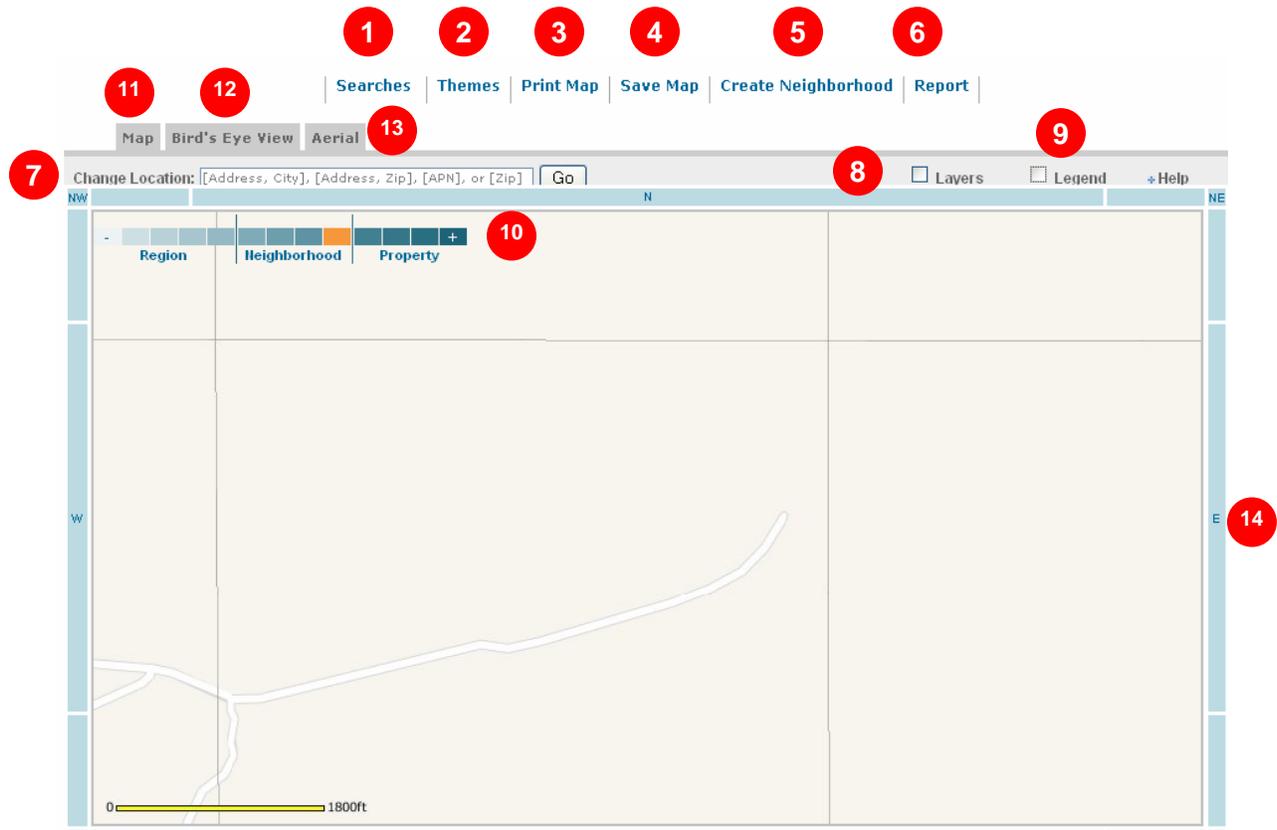
What is California Land Opportunity Tracking System (CALots)?

<http://lots.ucla.edu>

CA lots is a region wide, interactive website that assembles and maps a variety of databases that can be used in neighborhood research. CALots empowers people and organizations - in need of timely, local data - to produce informative reports. Moreover, CALots enables people to quickly create their own GIS (Geographic Information System) maps that can be integrated with baseline demographic data.

CA lots aims to be the premiere online tool for mapping and spatial analysis for Southern California. It is designed to support collaborative planning efforts by enabling elected officials, city planners, real estate developers, community organizers and others to do analysis at a parcel, neighborhood and regional level.

Maproom Elements



- 1. Searches:** Search and zoom into a particular geography. Organized by Region, Neighborhood, and Property
 - Region - City
 - Transit - Blue | Gold | Red | Green | Metrolink | BRT
- 2. Themes:** Produces analytical maps based on TAZ, census, or use codes as the unit of analysis
 - Property – analytical maps based on use codes (only selectable at Zoom level 5 and below)
 - Neighborhood – maps based on census data
 - Region – maps based on TAZ level data
- 3. Print Map:** Allows user to print the map
- 4. Save Map:** Allows user to save the map to their personal MyLOTS account.

5. **Create Neighborhood:** Customized analytical maps using census or parcel data, allowing the user to select specific or groups of census tracts/parcels for analysis.
6. **Report:** Generates reports with maps and supporting tables of map area
7. **Change Location:** Quick search for address, zip, APN. Address must be entered in the following format: [Street address], [zip]
8. **Layers:** Checkbox to turn on/off layers. These data are overlaid on top of the map and may be boundaries, lines, or points. Data such as transit lines, zip codes boundaries, and land use may be found here.
9. **Legend:** Checkbox to turn on/off legend.
10. **Zoombar:** The maproom has 11 zoom levels beginning with the farthest zoom level on the left (Zoom level 11) to the closest zoom level on the right (Zoom level 1)



Zoom level 11 (far)

Zoom level 1 (close)

11. **Map:** street view (Default)
12. **Bird's Eye:** 45 degree/orthogonal aerial view of area
13. **Aerial:** Rooftop view of area



MAP

BIRD'S EYE

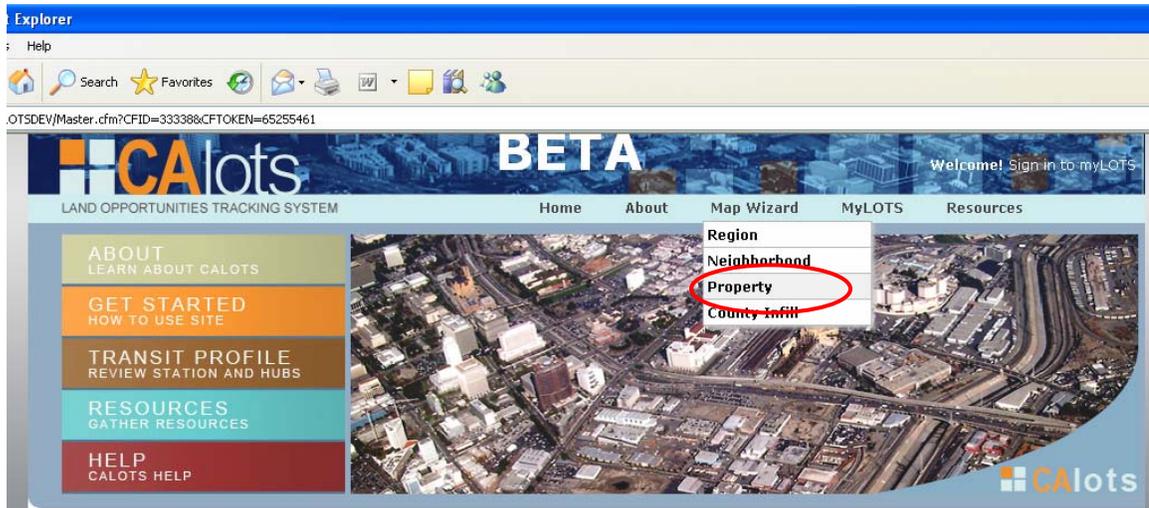
AERIAL

14. **Pan:** Click on the panning elements (E, W, N, S, NE, NW, SE, SW) to move in one of 8 directions in the maproom.
15. **Re-Center:** Click anywhere on the map to re-center the map at that point or location.

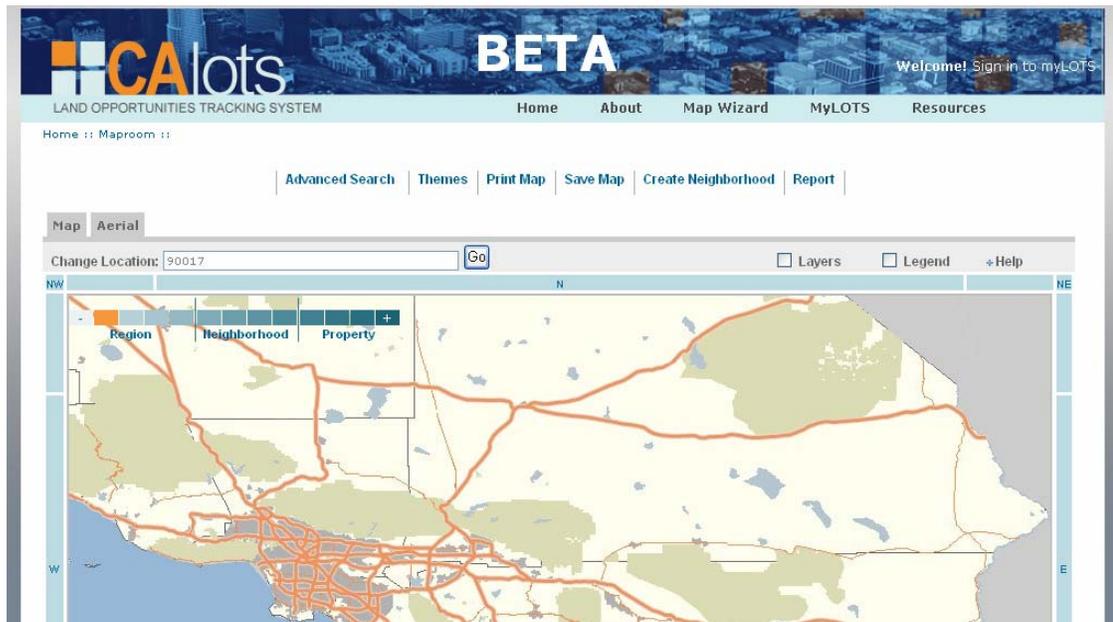
Exercise 1: Property Analysis

Detailed Information on Properties at the Parcel Level

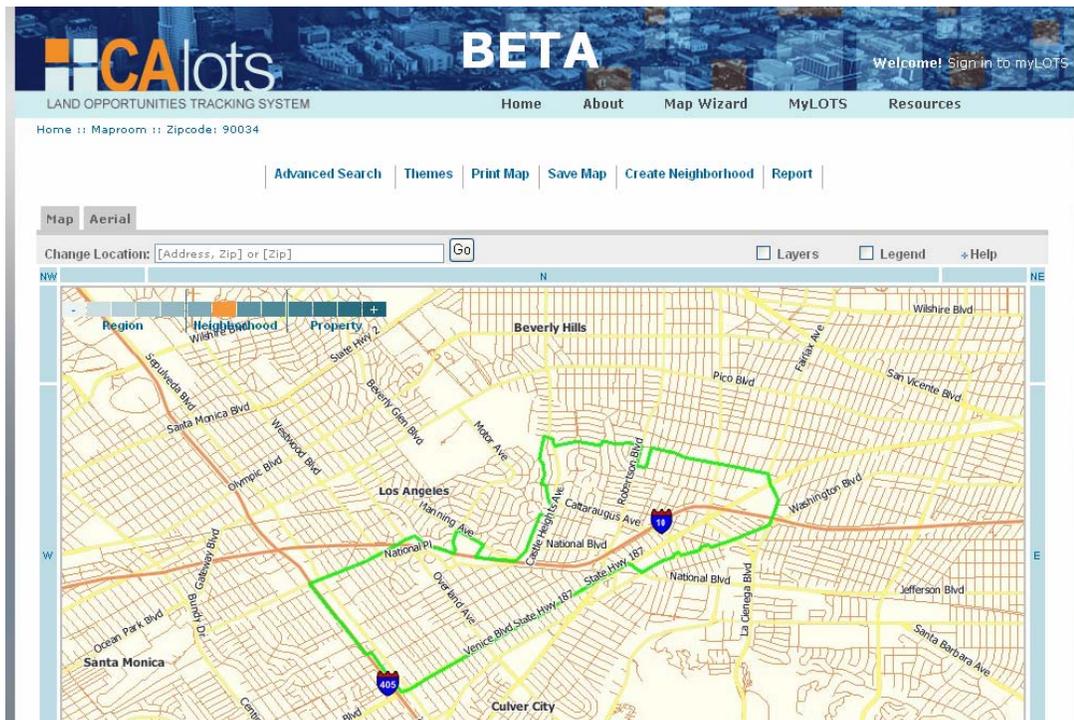
1. Select **Property** under Map Wizard.



A regional map will appear with a “Search Property” window. Close the window by clicking on ‘X’



2. Choose a *Geography*: In the “Change Location” box type your Zipcode (5-digit) and click “Go”



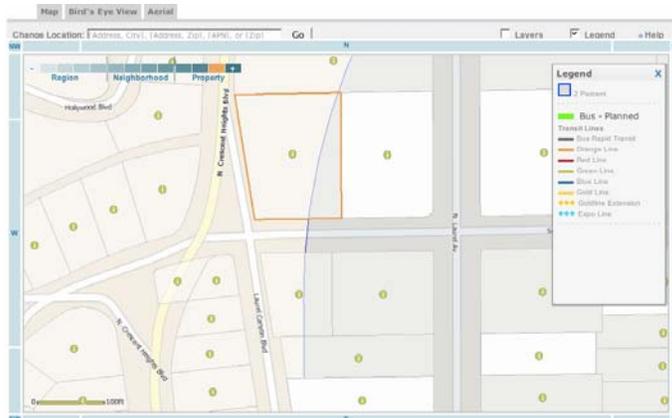
Note:

If you want to look up information for a parcel – i) zoom in using the zoombar, or ii) do a search by address, type in your home address or the address of some other single family home located in LA County in the following format:

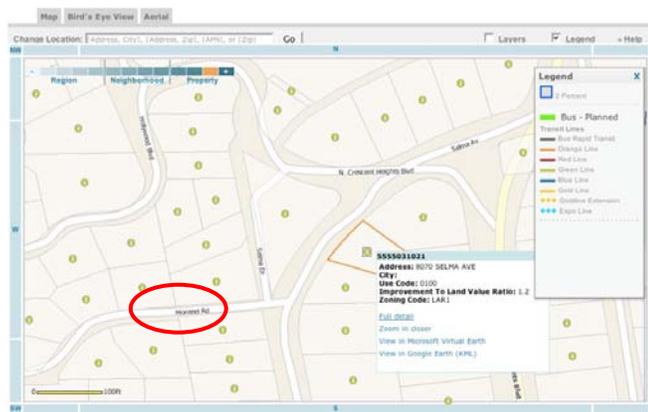
[STREET ADDRESS], [ZIP]

For Example: 1600 Disneyland Dr, 92802

CALots will now generate a map at the parcel level. Your address should be outlined in Green.



- Once you have located a single family home, click on the green “i” in the center of the parcel and then click the “Full Detail” link.



Take a moment to review the Report.

The Report will include information on:

- APN (Assessor Parcel Number): Unique identifier for each parcel
- Improvement to Land Ratio
- Home Value data obtained from Zillow.com
- Graphs depicting Home Values for your particular zip code, including changes in values over 1 year, 5 years, 10 years.

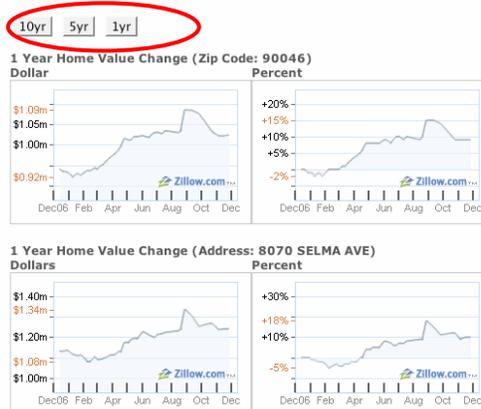
- Click on the “year tabs” at the top of the graph to go back 5 years & 10 years.

SCALOTS - Parcel Points

APN:	5555031021
Address:	8070 SELMA AVE
City:	
Use Code:	0100
Improvement To Land Value Ratio:	1.2
Zoning Code:	LAR1
FIPS County Code:	
Zillow Use Code:	SingleFamily
Year Built:	1923
Lot Size (Square Feet):	6350
Finished Property Size (Square Feet):	2388
No. Bathrooms:	2.0
No. Bedrooms:	3
Last Sale Date:	
Last Sold Price:	
Zestimate:	\$ 1,240,869
Zestimate Last Updated:	
Zestimate 1 Week Change:	\$ 0
Zestimate Value Change:	\$ -21,796
Zestimate Valuation Range (low):	\$ 1,116,782
Zestimate Valuation Range (high):	\$ 1,476,634

[See more graphs and data on Zillow.com >>](#)

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The Report also includes direct links to Parcel information from the LA County Tax Assessor's Office and, *if the property is in the City of Los Angeles*, a link to the “Zone Information and Map Access System” (ZIMAS).

5. If your Address is in the City of Los Angeles click on the link:

[“Click here to access LA City Zoning \(ZIMAS\) Report”](#)

A new window will open, linking your address to the ZIMAS database site where you can access more information on the property and download a report.

6. Go back to the CALots Details page and click the “**BACK**” button/arrow to return to the *Maproom*.

7. Click on the **Bird's Eye View** tab above the map. *If all you see is a black grid, double click on it.*

- o CALots can provide a Bird's Eye View / 45 degree and orthogonal imagery of the area.

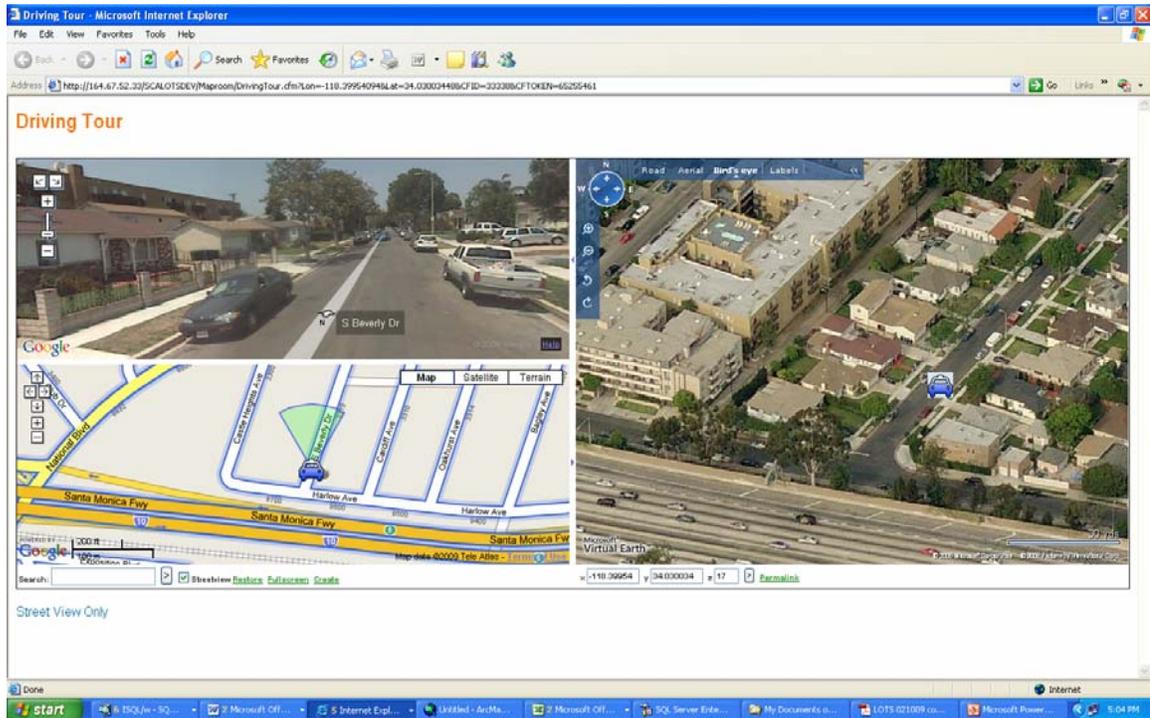
You can Pan around the map by dragging the mouse.

You can Zoom in/out by using mouse or *zoombar* at the top of the Map

8. Now Click on the **Aerial** tab above the map to change the satellite imagery.



9. Click on the Driving Tour link to get a feel of the immediate surrounding around the parcel.



Other Maproom Features

1. Save Map
2. Themes and Layers
3. Print Map
4. Reports

Creating a MyLOTS account

By creating a “MyLOTS” account with the website, you can have access to several advanced functions, including:

- creating a neighborhood of aggregated census tracts;
- saving locations, neighborhoods and addresses;
- saving your own Neighborhood maps in a Map Gallery
- accessing restricted data layers and private areas of the site

The account is free, and you are only required to enter your **name**, **email**, and **zipcode**. Follow these steps to create a MyLOTS account:

1. Click on “**Sign in to MyLOTS**” (top right, next to “*Welcome!*”)



2. Click on “**Create Your Account Now!**”, and follow the on-screen instructions, making sure to fill out everything in red.

- Username **CANNOT** contain spaces
- Password **MUST** have at least one letter
- For “Organization” enter:



Create an Account

Username (required)
Password (required)
Retype Password (required)

First Name (required)
Last Name (required)
Email (required)
Organization

Address 1
Address 2
City
State
Zipcode (required)

Phone In 999-999-9999 format.

California Land Opportunities Tracking System (CALOTS) is committed to protecting the privacy of its users. Below are our policies regarding the information that we collect and how we use it.

Information Gathering

Create Neighborhood Data

Once you have a “MyLOTS” account, you can create your own neighborhood, which will allow you to summarize data and charts for a group of census tracts. Here we will define the focus area for your organization. To create a neighborhood (or focus area) follow these steps:

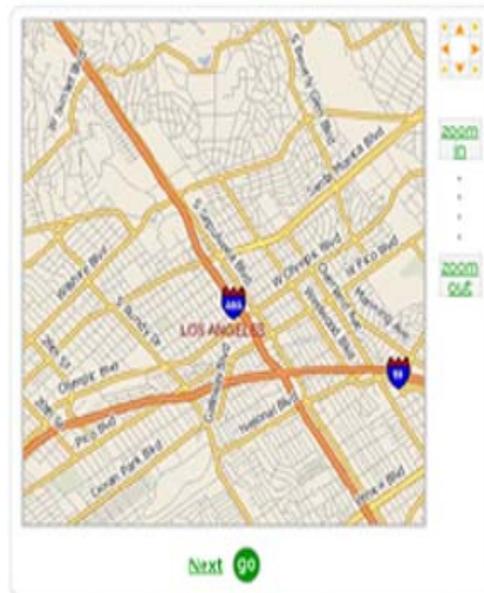
1. “Sign in” if you are not already signed in.
 2. Click on “maproom” and select an address, zipcode, or area in your neighborhood.
 3. Zoom in or out until you have a view of your neighborhood that takes up most of the map view.
 4. Click on “create a neighborhood from this map” above the map frame.
5. Follow the instructions to create a neighborhood.

In step 1, you will choose your base geography. The smaller the geographic base, the more accurate you will be able to draw your neighborhood. The census tract is the smallest geographic base.

In step 2, you choose to create your neighborhood by drawing the neighborhood boundary.

In step 3, you create your neighborhood boundary. You will be able to add or delete census tracts from your neighborhood if you need to, so don't worry about making the lines perfect. Once you have an area that most closely represents the boundaries of your neighborhood click ok.

Step 01 : Choose map extent



The final step is to name and save your neighborhood to your MyLOTS profile.

6. If you want to return to this neighborhood another day, just sign in to MyLOTS with your username and password first. You should then be able to get maps and data for the neighborhood in under “my neighborhoods”.
7. If you would like to delete or edit your neighborhoods go to “my lots” and then click on “my neighborhoods”. You can choose to either edit or delete any of the neighborhoods you have created.

Gathering data and charts for your organization's service area

1. To see data for the neighborhood you created, go to the "my neighborhoods" section, and click on the neighborhood you created. You should now see a map of your neighborhood. Click on "get summary data and charts for entire neighborhood" to get a demographic report for that entire area.



Now let's answer some questions about your service area.

a. What percent of your tract is **Hispanic? African American?**

b. What percent of the population is between **ages 5-17?** _____

c. What percent of housing units are **renter-occupied?** _____

d. What percent of households **moved into** their current housing unit before 1980?

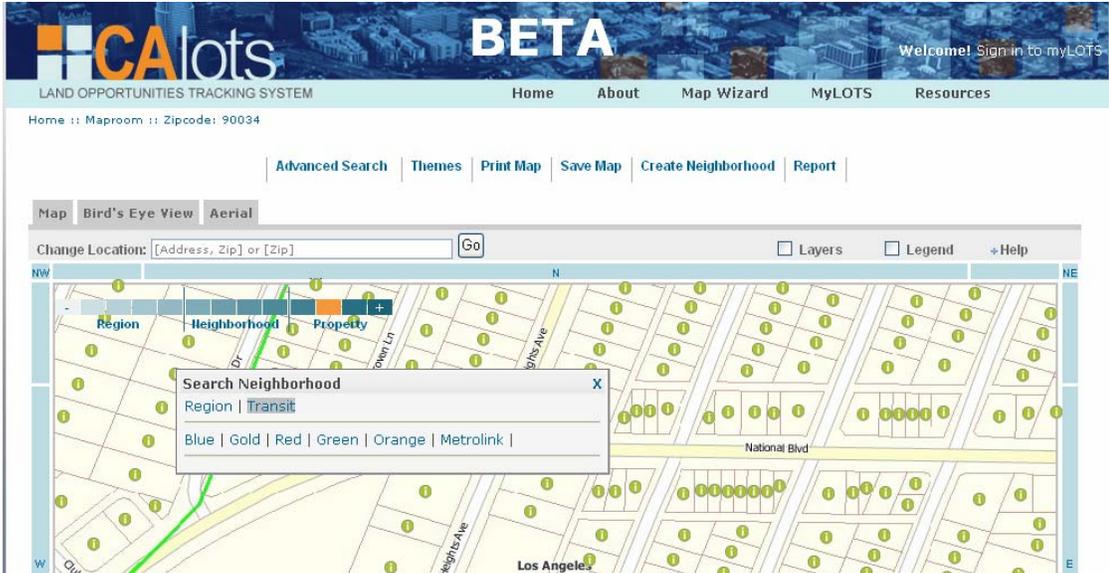
e. What is the estimated number of mortgages? _____

f. What is the estimated number of HMDA hi cost loans between 2004 and 2006?

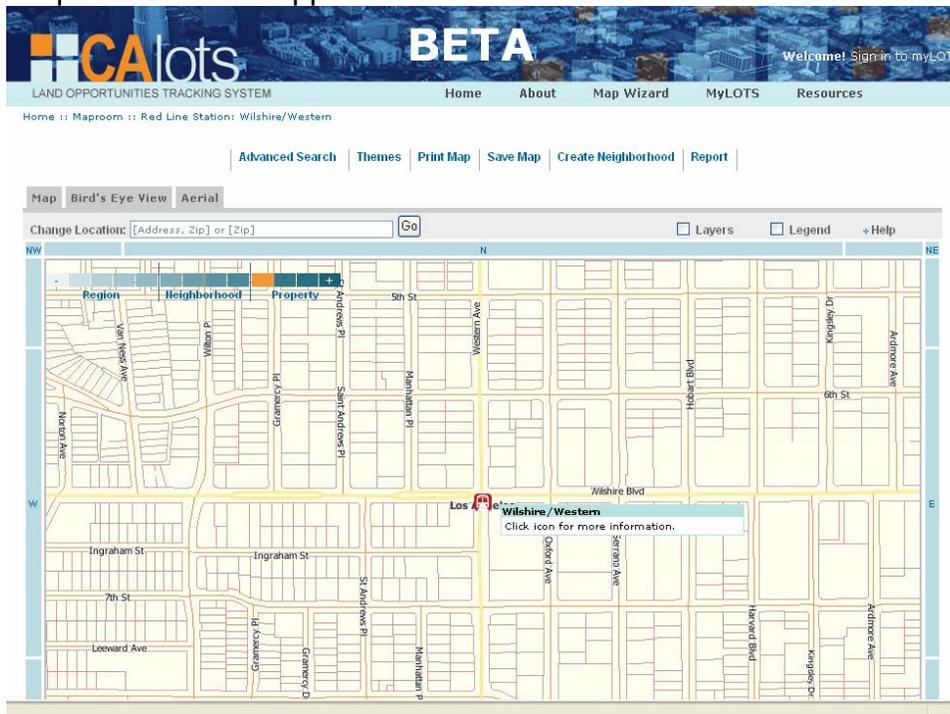
Remember you can get data for other geographic levels and not just your neighborhood by clicking "Report" at the top of the page.

Exercise 2: TOD Analysis

1. Click on the “Advanced Search” link. This will popup a window on the map. Click on Transit. Select line and station.



2. A map of the station appears.

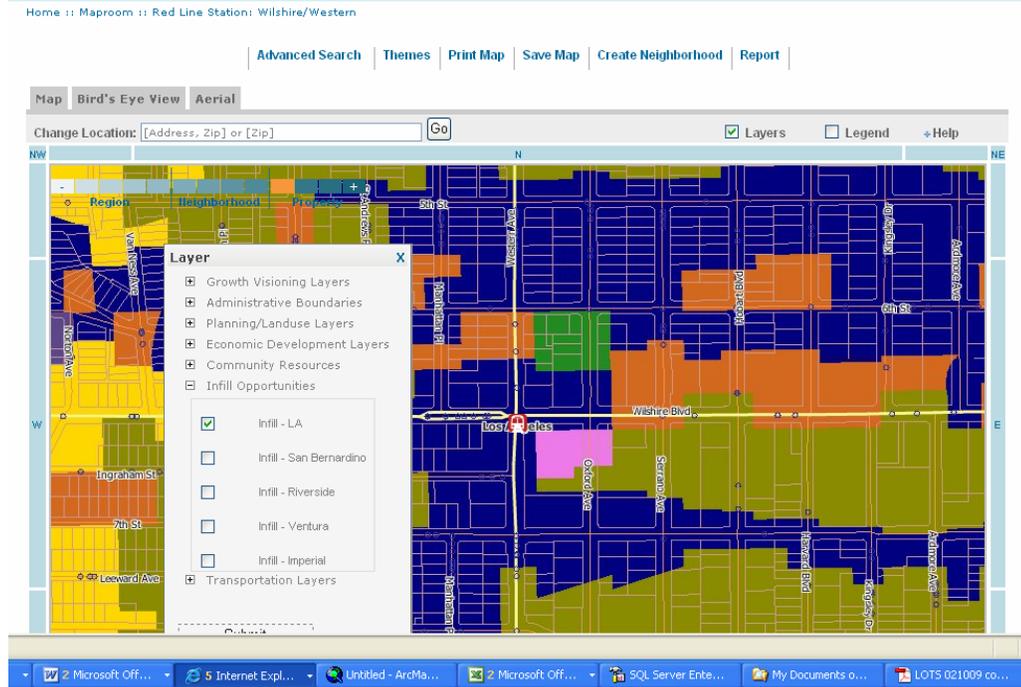


- Now let's look-up the existing landuse around the station. Click on layers > Planning/Landuse and select the right layer.

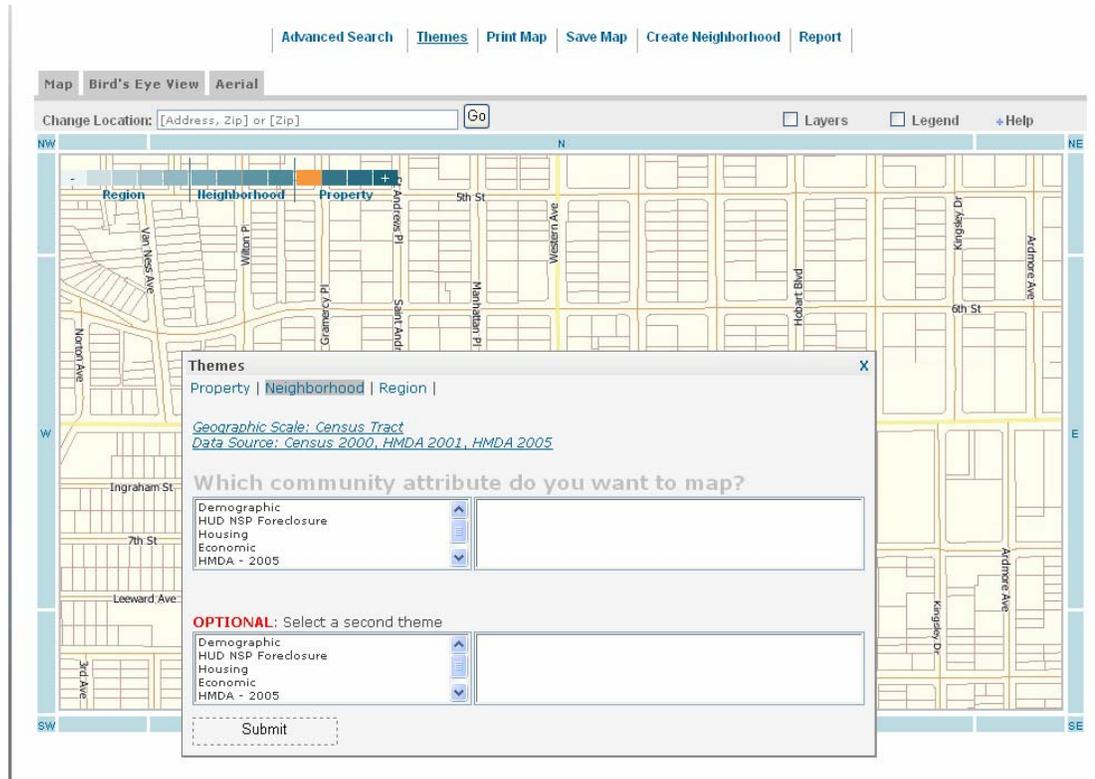


Note: Turn on the legend.

- Click on Layers > Infill Opportunities to view under-utilized properties based on John Landis data.

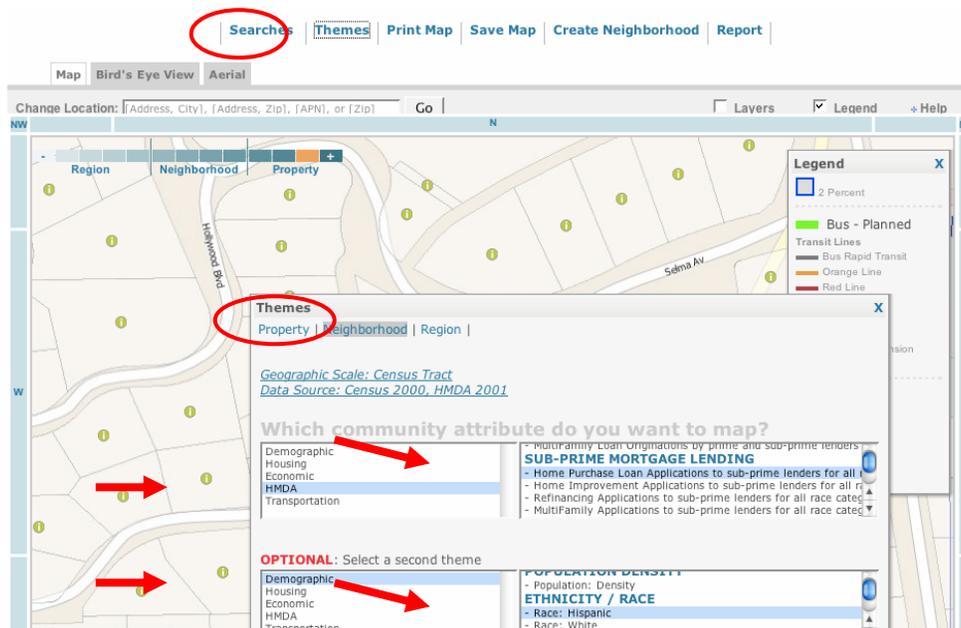


- Click on **Themes** and then **Neighborhood** in the pop-up window. (Remember to remove layers from the layer window.)



- In the top box, select **HUD NSP Foreclosure**. The Box on right will automatically be populated with variables from HUD Foreclosure data
- Under Neighborhood Stabilization Data, Choose estimated foreclosure rate.
- In the bottom box, choose a second theme:
 - Select HMDA
 - Under Mortgage Loan Application and Origination, select: **“Home Purchase Loan Applications to Prime and Sub-prime Lenders for all Race Categories”**.

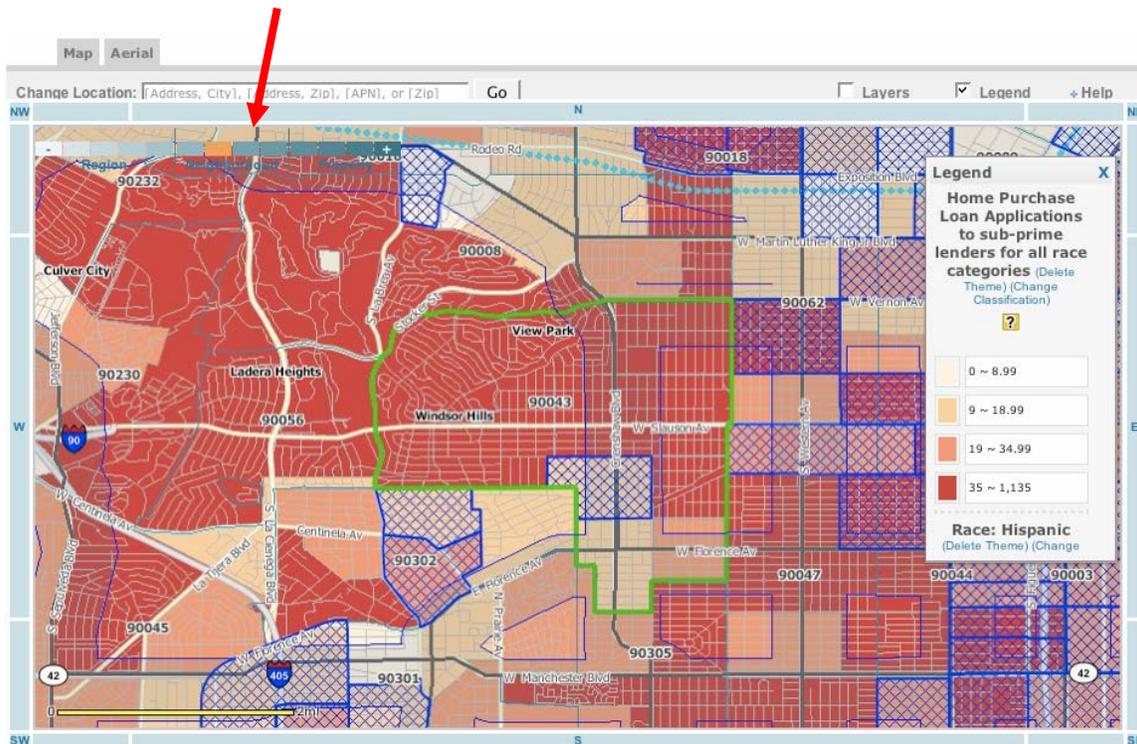
The Home Mortgage Disclosure Act, enacted by Congress in 1975 and implemented by the Federal Reserve Board's Regulation C, requires lending institutions to report public loan data including sub-prime lending data.



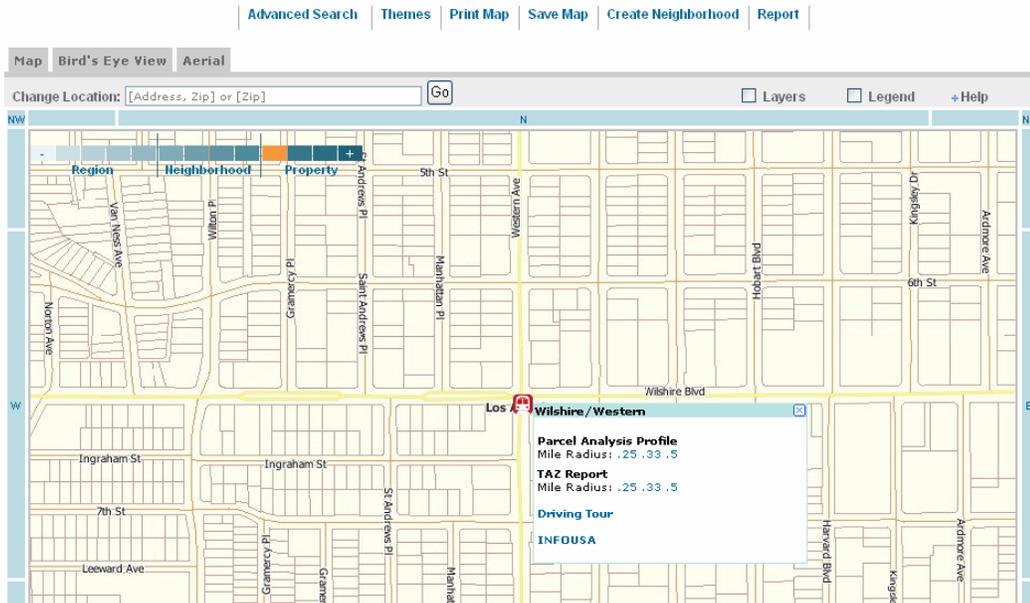
Click “Submit” & a thematic map will generate depicting Foreclosure and Lending in your area.

- Make another selection: for example Demographic and Race “Hispanic”

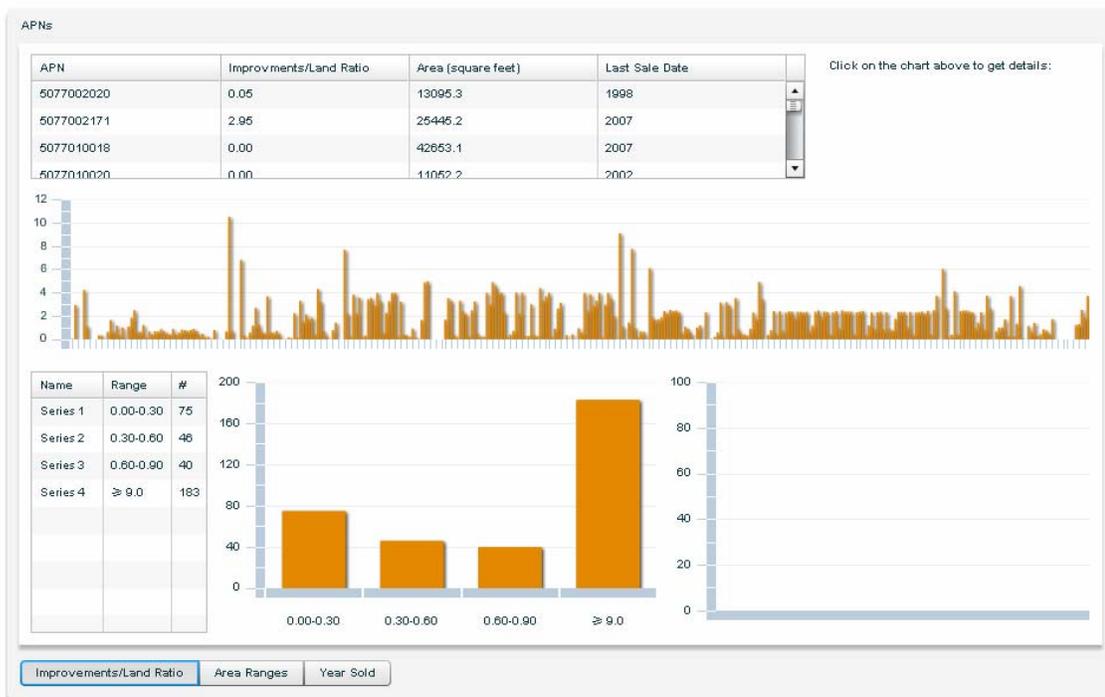
You may need to zoom in or out using the scale bar at the top left of the map.



9. Hover above the station icon and click on it to bring up the customized reports window.



10. Click on Parcel Profile (Mile Radius: 0.25) to look up parcel report.



Note: The record count on parcel profile report has been limited to 50 for the purpose of the training.

Try looking up InfoUSA report. What does the data indicate about businesses?

INFOUSA - Quarter Mile Report

Station: Wilshire/Vermont

	NAICS Description	Count
1	NO DESCRIPTION	20
2	Accommodation and Food Services	9
3	Administrative and Support and Waste Management and Remediation Services	15
4	Arts, Entertainment, and Recreation	5
5	Construction	10
6	Educational Services	9
7	Finance and Insurance	33
8	Health Care and Social Assistance	26
9	Information	13
10	Management of Companies and Enterprises	1
11	Manufacturing	7
12	Other Services (except Public Administration)	21
13	Professional, Scientific, and Technical Services	54
14	Public Administration	4
15	Real Estate and Rental and Leasing	11
16	Retail Trade	34
17	Transportation and Warehousing	1
18	Wholesale Trade	17

Notes: