

City of Garden Grove Online Mapping Tool Guide

Welcome to the Online Mapping Tool Guide for the City of Garden Grove. The City is using [Dave's Redistricting](#) (DRA 2020) as it's online mapping tool, a free, user-friendly mapping tool to draw new City of Garden Grove City Council Districts. Additional Documentation from DRA 2020 is available after the Getting Started/Introduction Guide.

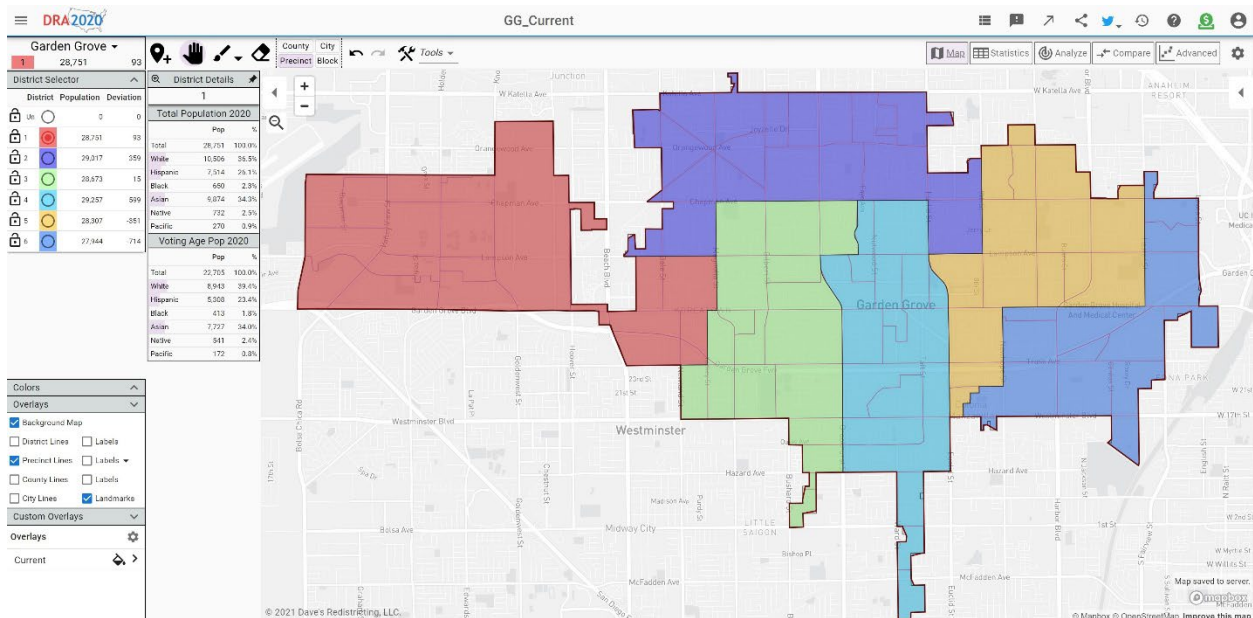
Getting Started/Introduction Guide

- 1) Find the Online Mapping Tool on the City of Garden Grove's Redistricting Page.
- 2) Click on one of the blue buttons labeled [Start with a Blank plan](#) or [Start with the Current Districts](#) to go to the Online Mapping Tool.

3)

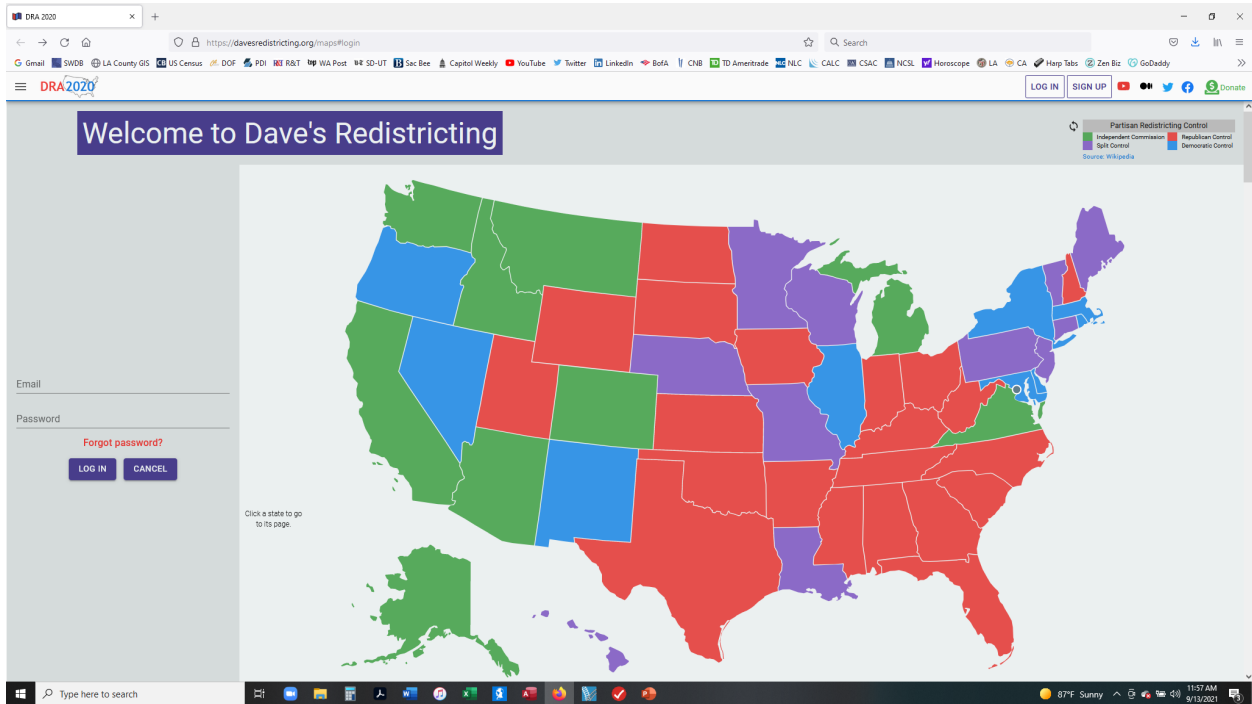
Main Page

- 4) Go to the Top Right of the Page to **Sign Up** or **Log In**.



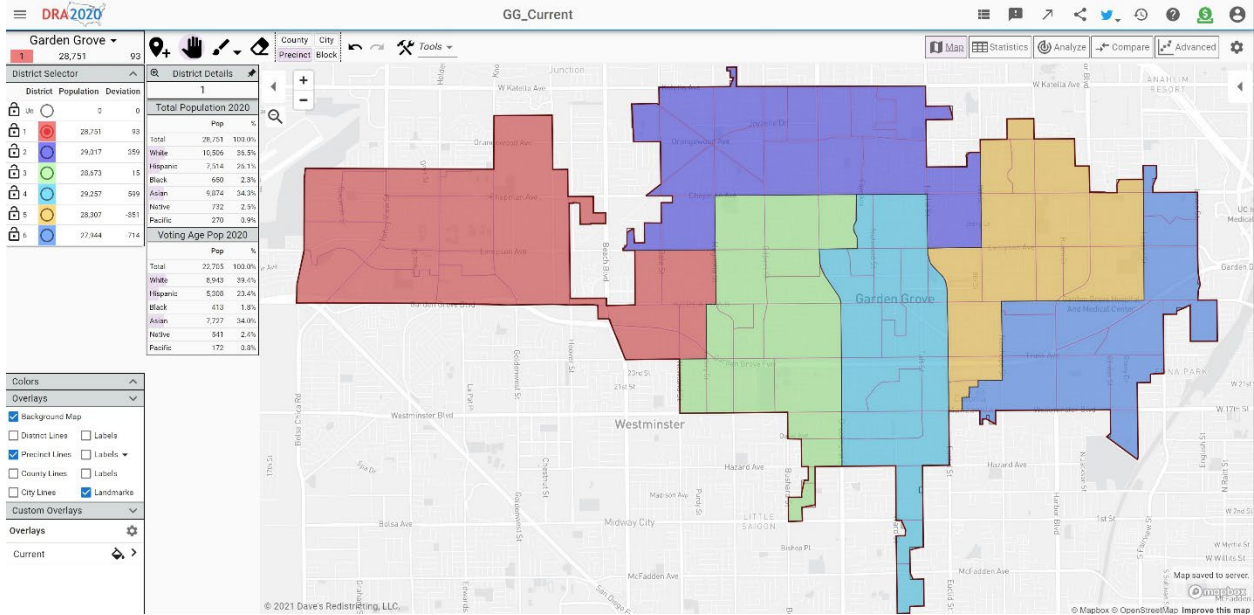
Signup Page

- 5) Sign up by using your email address and create a password. This is all the personal information DRA 2020 needs to create an account for you. If you have already created an account, sign in using your email address and the password you created.



LogIn Page

6) Once you've logged in, you'll be brought to the page your originally selected. The example below is the City of Garden Grove Current Plan.



Duplicate the City of Garden Grove Blank map or City of Garden Grove Current Map

- 7) In order to begin creating your own map, you first need to duplicate the existing map using the paint brush tool in the top left corner. Once you select the duplicate map button, press Yes to make a copy for your use.

The screenshot shows the DRA2020 software interface. The main map area displays a map of Garden Grove with various colored regions. A 'Share Map' dialog box is open in the center, containing the following text:

Share Map

Copy and then share this URL.

URL:
<https://davesredistricting.org/join/b0a9a693-de8c-4b6d-9e72-708edbd98ed1>

Allow Editing

Buttons: REVOKE SHARING COPY DISMISS

The interface also includes a 'District Selector' on the left with a table of district details and a 'Colors' panel at the bottom left.

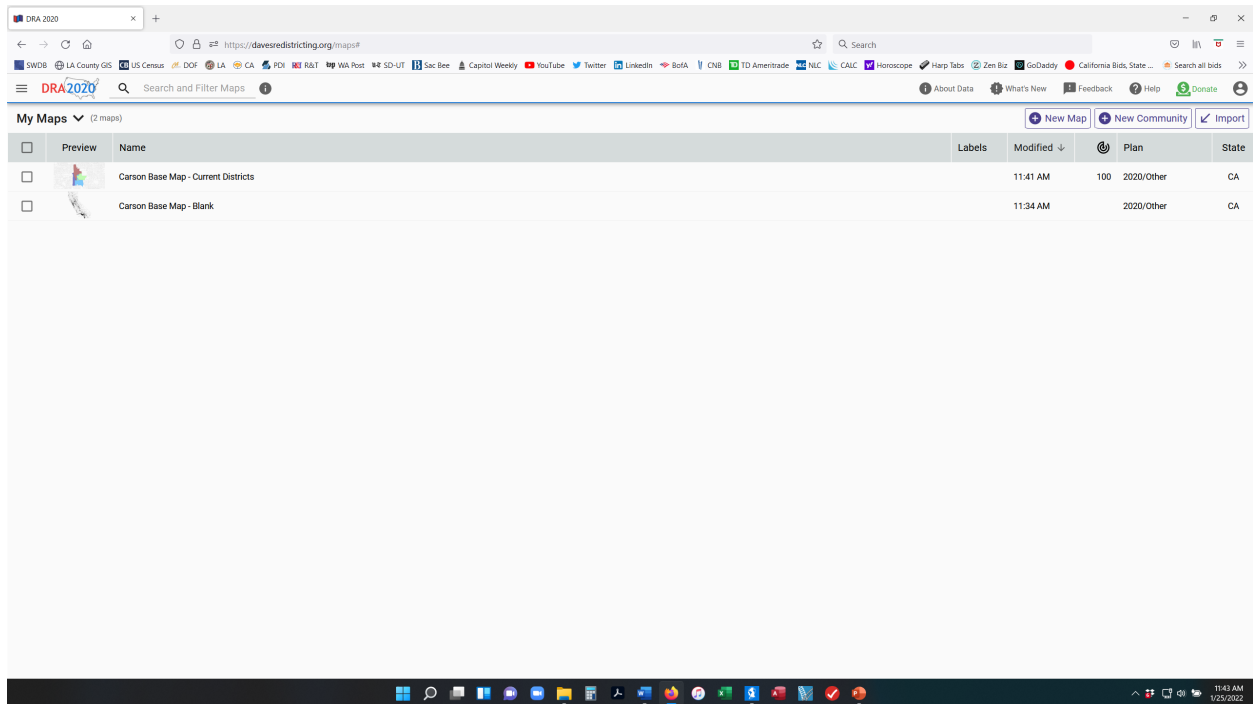
District	Population	Deviation
0	0	0
1	26,781	90
2	29,017	399
3	28,678	15
4	29,237	599
5	28,327	-351
6	27,044	-714

Total Population 2020		
	Pop	%
Total	26,781	100.0%
White	10,506	36.0%
Hispanic	7,514	26.1%
Black	650	2.3%
Asian	9,874	34.3%
Native	792	2.9%
Pacific	273	0.9%

Voting Age Pop 2020		
	Pop	%
Total	22,705	100.0%
White	8,943	39.4%
Hispanic	5,308	23.4%
Black	413	1.8%
Asian	7,727	34.0%
Native	511	2.4%
Pacific	173	0.8%

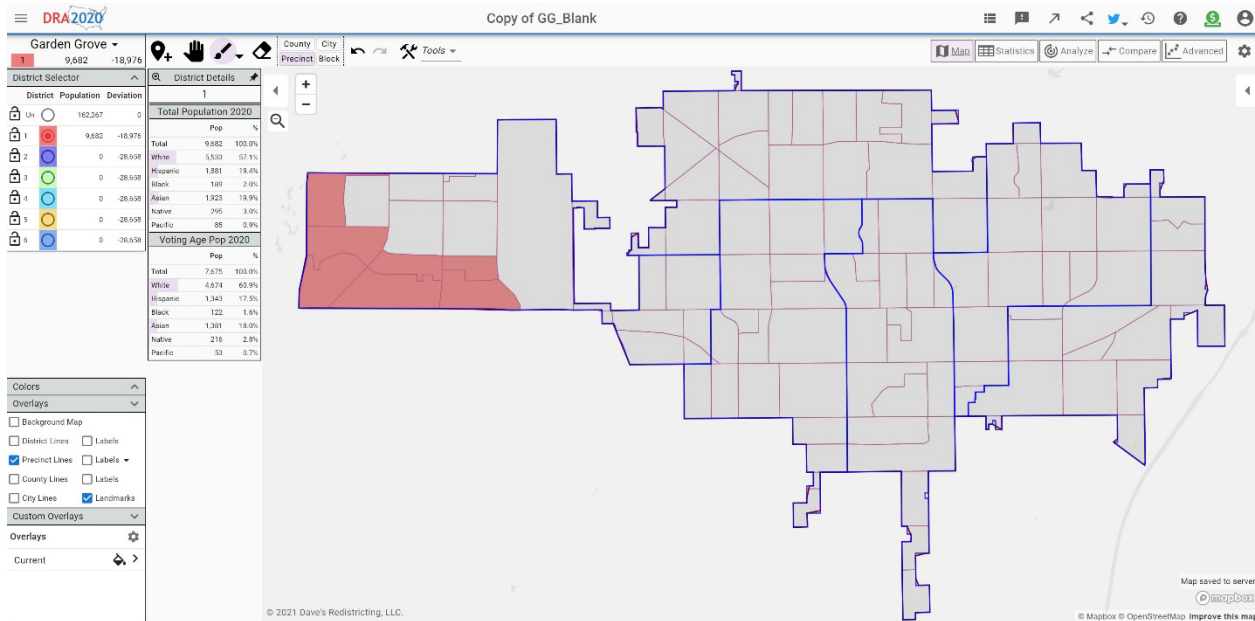
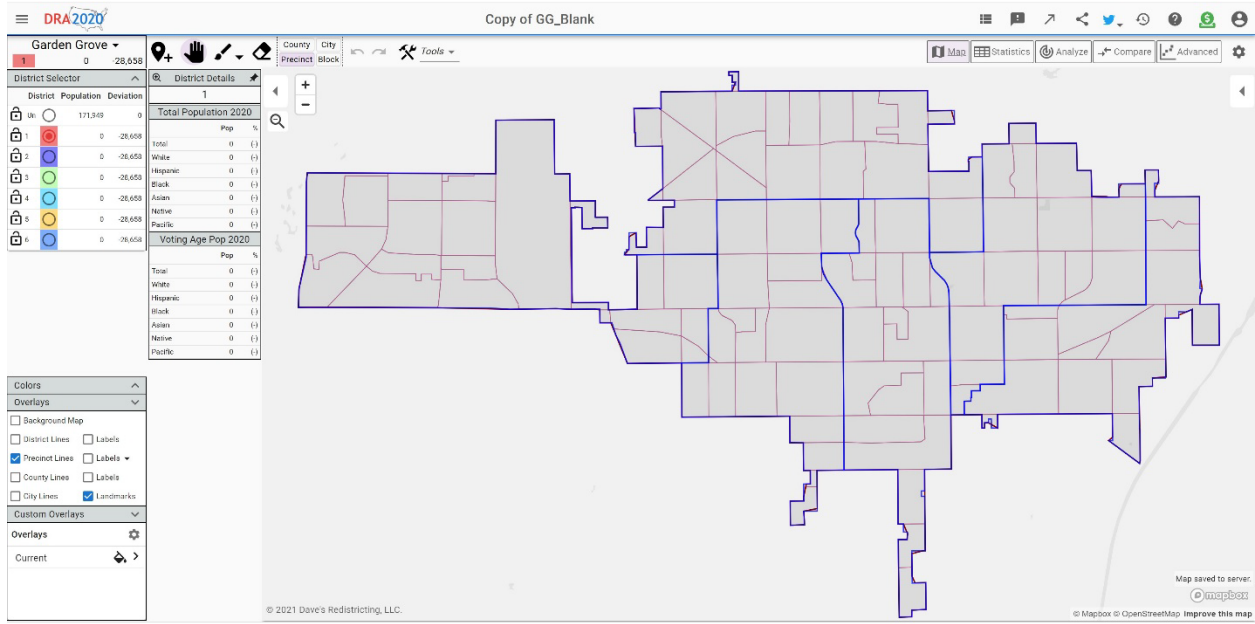
Find Map under My Maps

- 8) Once you've made a duplicate/copy of the Map, you can access the new map under Maps => My Maps button in the top right corner. Click on the Copy to begin drawing your districts.



Creating Districts

- 9) Now you are ready to begin drawing your maps! Use the paint brush tool to select geography to add as part of a district. You can switch districts on the left side of the screen using your pointer to select a different circle in the district list box. The eraser tool is available to remove geography from a district as well.



Statistics Page

10) You can also look at the statistics of the districts you created by clicking on the Statistics page in the top right corner.

Copy of GG_Blank

Map Statistics Analyze Compare Advanced

ID	Population		Shapes		Demographics (VAP)							DOWNLOAD
	Total	+/-			Total	White	Minority	Hispanic	Black	Asian	Native	
Un	162,267				128,305	15.73%	84.27%	35.03%	1.46%	46.91%	2.26%	0.79%
1	9,682	-66.22%			7,675	60.90%	39.10%	17.50%	1.59%	17.99%	2.81%	0.69%
2	0	100.00%			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3	0	100.00%			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4	0	100.00%			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5	0	100.00%			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6	0	100.00%			0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	28,656	0.00%			22,663	18.28%	81.72%	34.04%	1.47%	45.28%	2.29%	0.79%

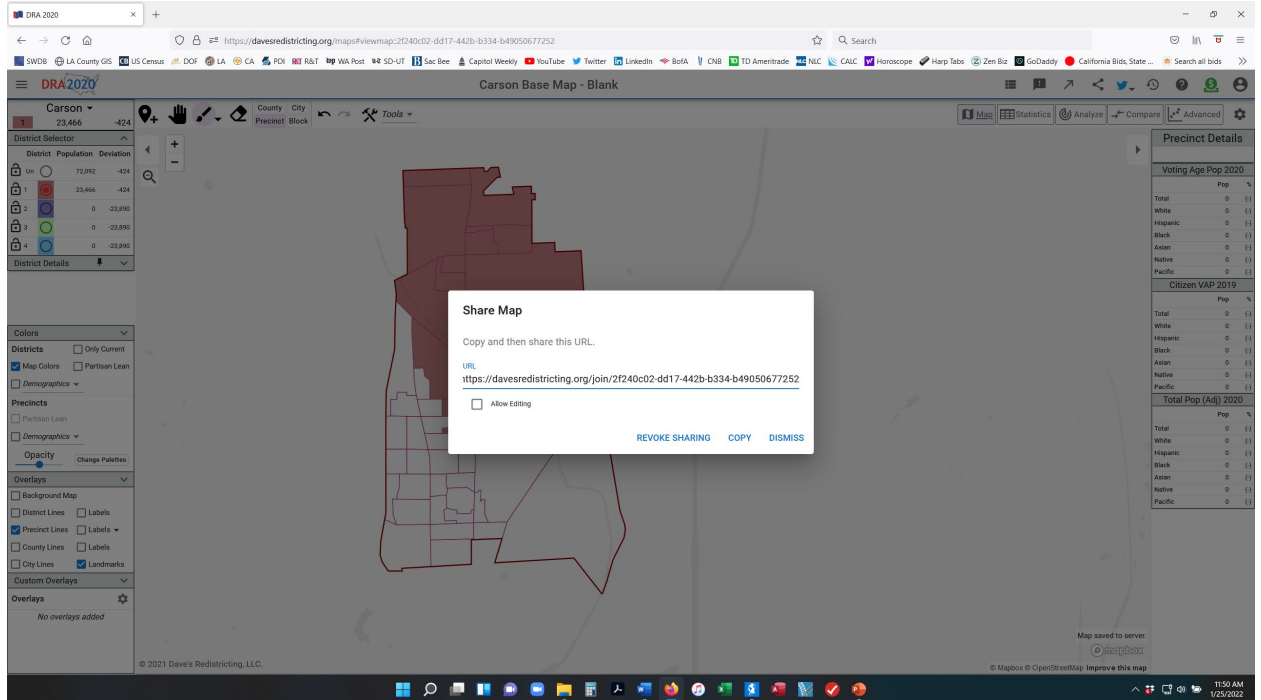
Notes

- Several precincts are unassigned including: 060590761032, 060590761033, 060590761034, 060590880011, 060590880012, 060590880013, 060590880021, 060590880022, 060590880023, and 060590881052.
- Districts 2, 3, 4, 5, and 6 are empty.

Submitting Your Map to the City of Garden Grove

Sharing Your Map

- 11) There are two ways to submit your map to the City of Garden Grove after you finished. The first way is to use the Share Map button on the top left corner to copy the website URL and email the map website to cityclerk@ggcity.org



Exporting Your Map

- 12) You can also export the Block Assignment file to your computer and send the file to cityclerk@ggcity.org. The Block Assignment file creates a spreadsheet which assigns every census block used in the creation of the map with a District Number which can easily be imported into most GIS software programs.

The screenshot shows the 'Export Map to a File' dialog box in the Dave's Redistricting software. The dialog box is titled 'Export Map to a File' and contains the following options:

- Block Assignment (as .csv)**: A mapping of census blocks to district IDs
- Precinct Assignment (as .csv)**: A mapping of precincts to district IDs
- District Data (as .csv)**: All census, voting age and election data (except PVI), aggregated by district
- Precinct Data (as .csv)**: All census, voting age and election data (except PVI), by precinct
- Map Analytics (as .json)**: Basic and advanced analytics
- District Abstract (as .json)**: Selected district data used by analytics
- District Shapes (as .geojson)**: District shape geometry
- District Shapes (as Shapefile, .zip)**: District shape geometry as Shapefile
- Map Image (as .png)**: An image of the state showing the districts
- Map Archive (as .json)**: An archive that can be reimported

The background shows the software interface with a map of Carson, CA, and various toolbars and panels. The 'District Selector' panel on the left shows a table with columns for District, Population, and Deviation. The 'Precinct Details' panel on the right shows demographic data for the selected precinct.

Voting Age Pop 2020	
	Pop %
Total	0 (0)
White	0 (0)
Hispanic	0 (0)
Black	0 (0)
Asian	0 (0)
Native	0 (0)
Pacific	0 (0)

CITIZEN VAP 2019	
	Pop %
Total	0 (0)
White	0 (0)
Hispanic	0 (0)
Black	0 (0)
Asian	0 (0)
Native	0 (0)
Pacific	0 (0)

Total Pop (Adj) 2020	
	Pop %
Total	0 (0)
White	0 (0)
Hispanic	0 (0)
Black	0 (0)
Asian	0 (0)
Native	0 (0)
Pacific	0 (0)