



Redistricting Map Instructions

City of Hanford



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Welcome to Dave's Redistricting

Partisan Redistricting Control
Independent Commission Independent Commission Republican Control Republican Control
Split Control Split Control Democratic Control Democratic Control
Source: Wikipedia

State pages have links to state
redistricting websites.

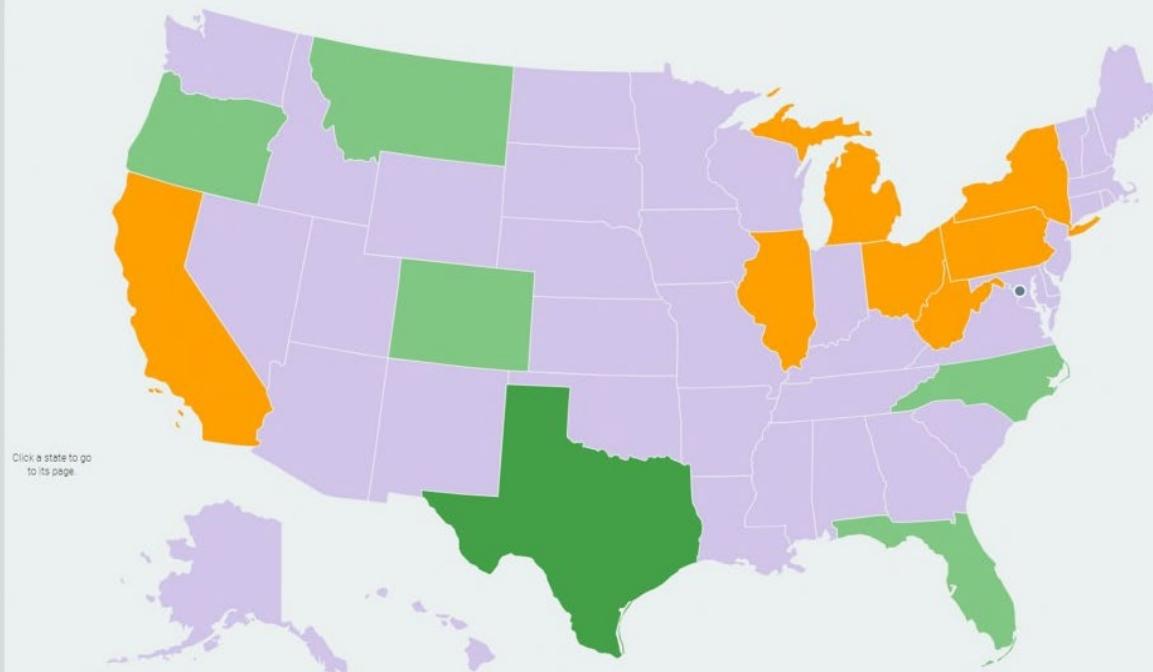
Submit your testimony to make your
voice heard.

Advocate for your community!

PICK A STATE

LEARN MORE

SUPPORTERS



Getting Started

To get started, visit: <https://davesredistricting.org/>

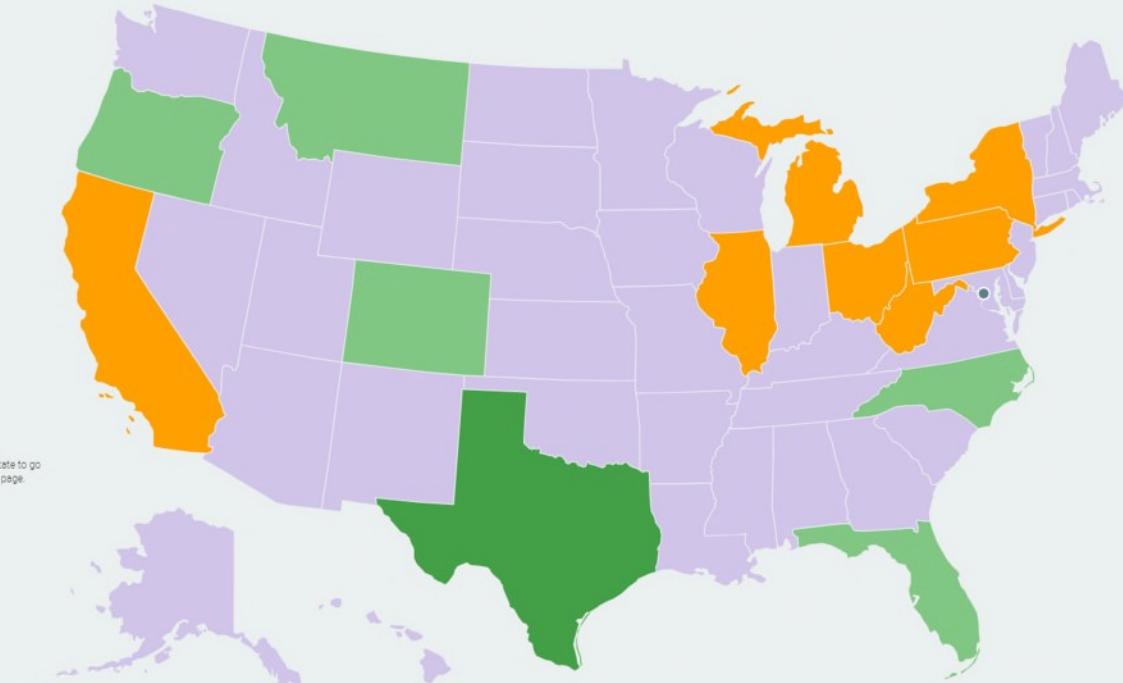
- Click on menu bar in upper left corner.



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Welcome to Dave's Redistricting



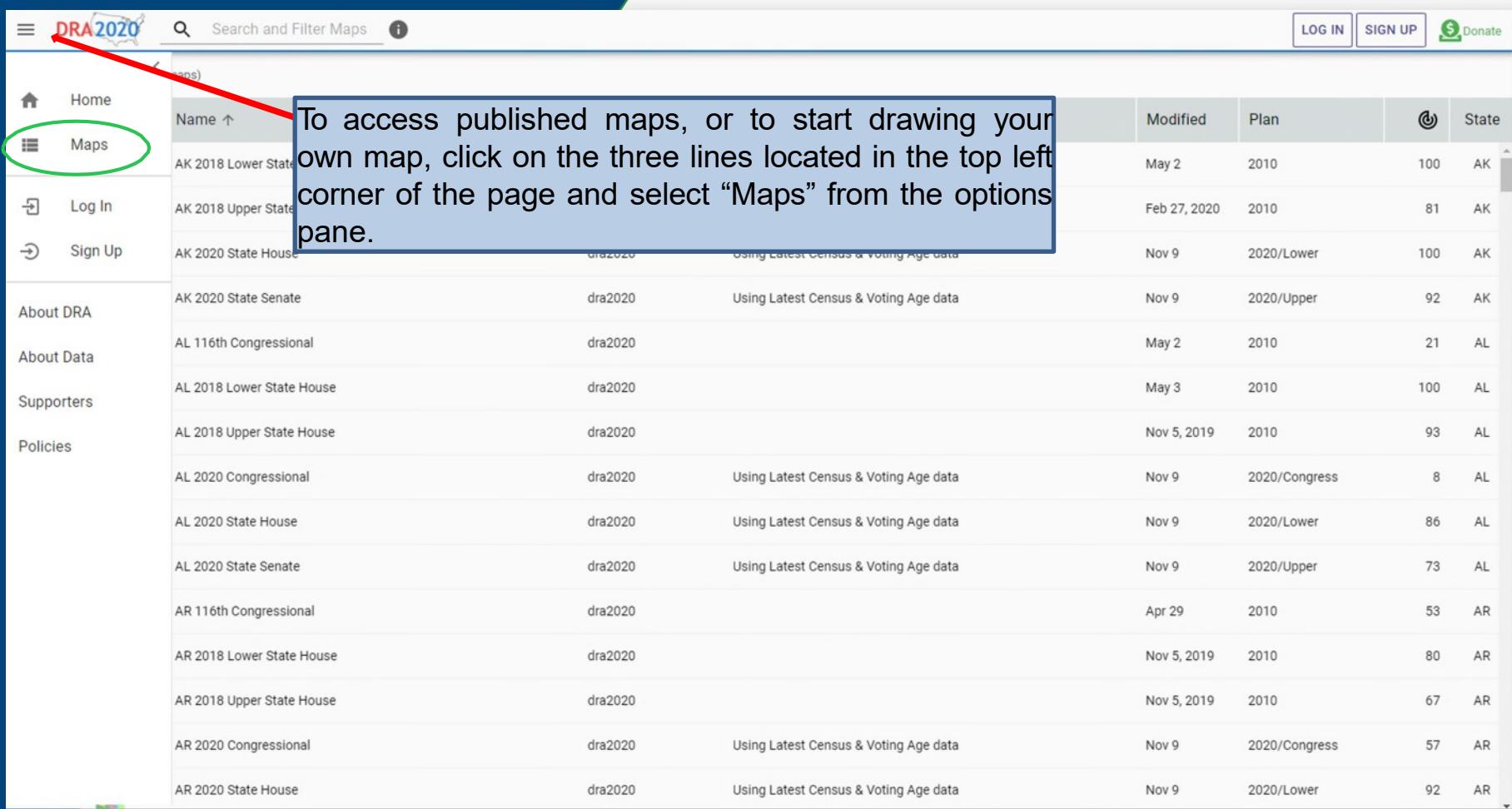
Sign up for a Free Account

This will allow you to create and save your own redistricting map.



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Draft Maps



To access published maps, or to start drawing your own map, click on the three lines located in the top left corner of the page and select “Maps” from the options pane.

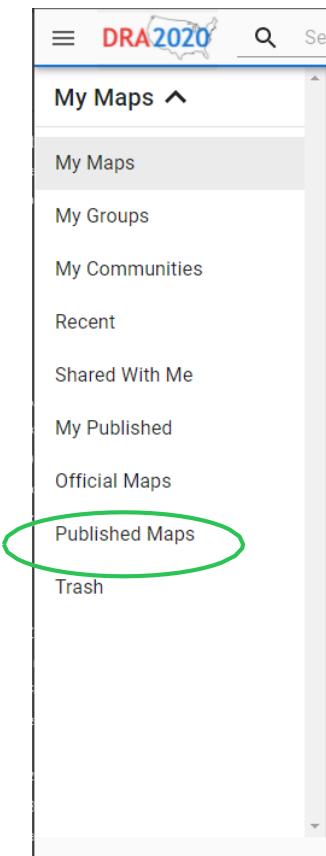
	Modified	Plan	State
AK 2018 Lower State House	May 2	2010	100 AK
AK 2018 Upper State House	Feb 27, 2020	2010	81 AK
AK 2020 State House	Nov 9	2020/Lower	100 AK
AK 2020 State Senate	Nov 9	2020/Upper	92 AK
AL 116th Congressional	May 2	2010	21 AL
AL 2018 Lower State House	May 3	2010	100 AL
AL 2018 Upper State House	Nov 5, 2019	2010	93 AL
AL 2020 Congressional	Nov 9	2020/Congress	8 AL
AL 2020 State House	Nov 9	2020/Lower	86 AL
AL 2020 State Senate	Nov 9	2020/Upper	73 AL
AR 116th Congressional	Apr 29	2010	53 AR
AR 2018 Lower State House	Nov 5, 2019	2010	80 AR
AR 2018 Upper State House	Nov 5, 2019	2010	67 AR
AR 2020 Congressional	Nov 9	2020/Congress	57 AR
AR 2020 State House	Nov 9	2020/Lower	92 AR

Published Maps

Select “My Maps” on the top left-hand side of the screen:



Next, select “Published Maps” from the options pane:



Map Search

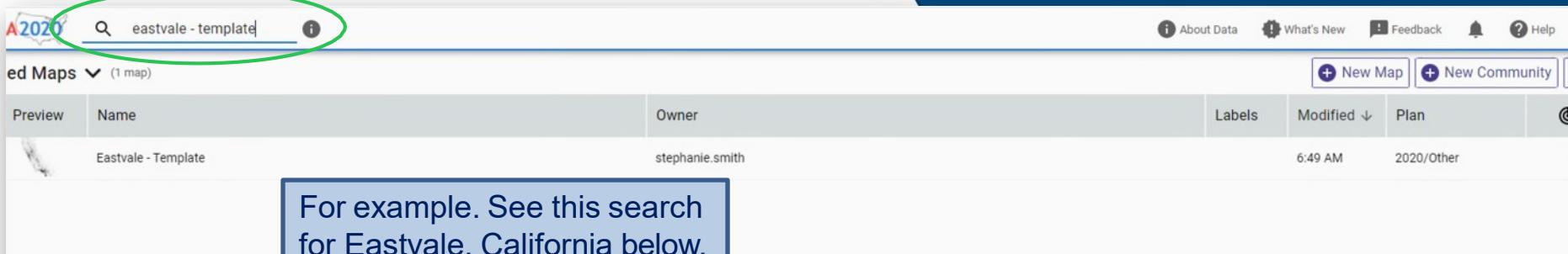
Using the search box, enter your jurisdiction's name + template (Hanford - template) to find the base map created for you. You can also enter just your jurisdiction's name to find any related published maps. These maps can be used as a good starting point.

DRA 2020  

Published Maps (16,452 maps)   

	Preview	Name	Owner	Labels	Modified	Plan		State
<input type="checkbox"/>		Ohio non-partisan congressional map	MarcelloDiMaio	Non-partisan congressional maps 2021-2030	3:20 AM	2020/Congress		100 OH
<input type="checkbox"/>		DE	iantang314		2:45 AM	2020/Upper		87 DE
<input type="checkbox"/>		Republican5	minnesotadistricting		2:17 AM	2020/Congress		0 MN
<input type="checkbox"/>		Twenty-nine Palms Blank Map	info		2:11 AM	2020/Other		CA
<input type="checkbox"/>		WI best possible	Redistrictinggeek		1:25 AM	2020/Congress		81 WI
<input type="checkbox"/>		Manteca City Council Javelina 1	info		0:15 AM	2020/Other		3 CA
<input type="checkbox"/>		NV State Assembly (Proposed)	elitrimble7	Nevada, Lower House	0:14 AM	2020/Lower		39 NV
<input type="checkbox"/>		IL House	jdratler	State Legislatures	Nov 14	2020/Lower		100 IL
<input type="checkbox"/>		IL Senate	jdratler	State Legislatures	Nov 14	2020/Upper		100 IL
<input type="checkbox"/>		Fair IL State Senate	samuel.shroff		Nov 14	2020/Congress		90 IL
<input checked="" type="checkbox"/>		California 2022 Congressional Districts	Crossover1370		Nov 14	2020/Congress		87 CA
<input type="checkbox"/>		CA Map	samuel.shroff	2022 HOR	Nov 14	2020/Congress		88 CA
<input type="checkbox"/>		Florida Map	lineb006		Nov 14	2020/Congress		66 FL
<input type="checkbox"/>		PA 2022	fungifun		Nov 14	2020/Congress		97 PA
<input type="checkbox"/>		IL 2022	fungifun		Nov 14	2020/Congress		100 IL

Map Search

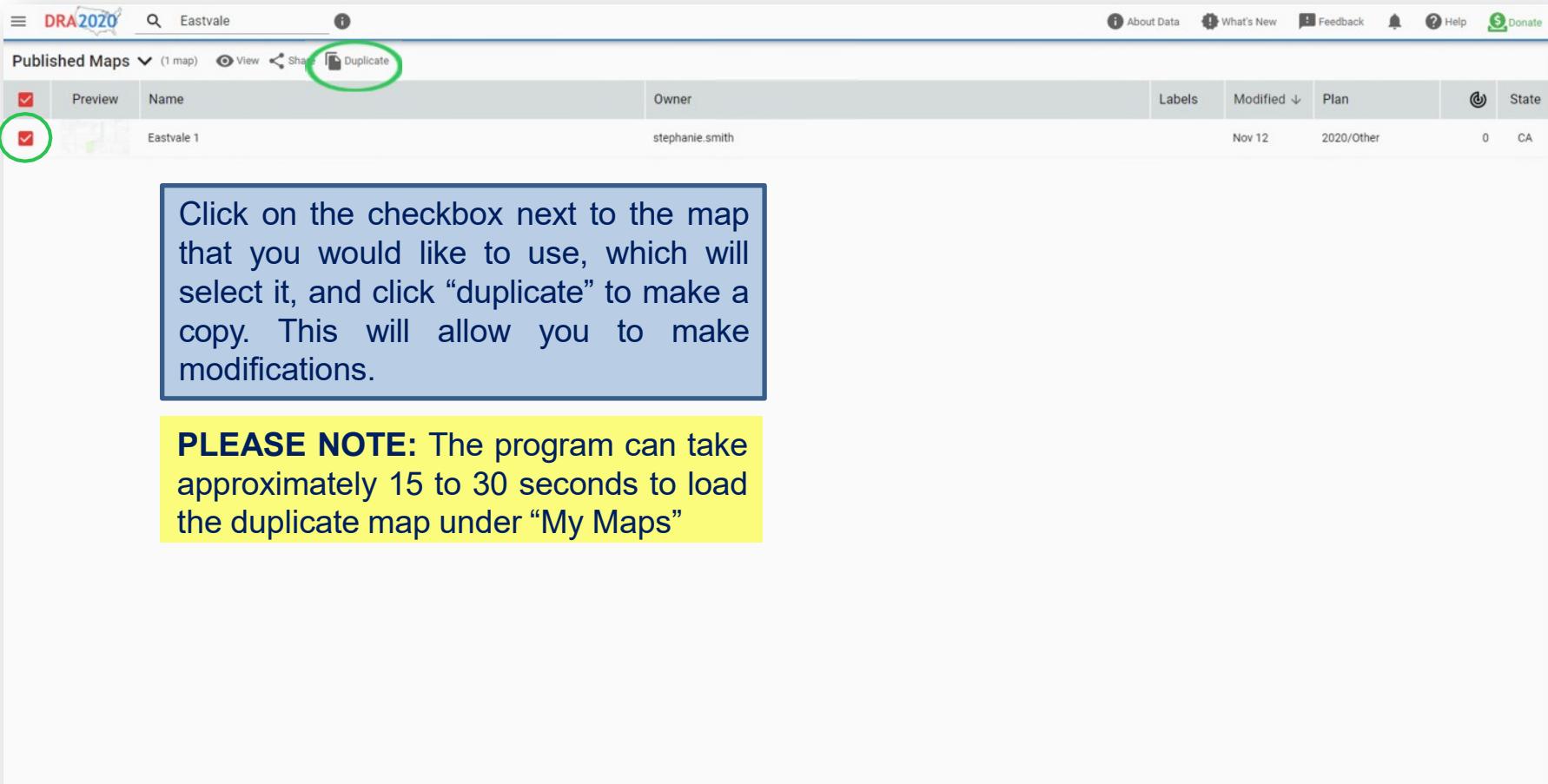


The screenshot shows a map search interface. At the top, there is a search bar with the text "eastvale - template" and a magnifying glass icon. A green oval highlights this search bar. To the right of the search bar are several icons: "About Data", "What's New", "Feedback", a bell icon, and "Help". Below the search bar, a table displays search results. The columns are "Preview", "Name", "Owner", "Labels", "Modified", and "Plan". One row in the table is highlighted with a blue box and contains the text: "For example. See this search for Eastvale, California below." The table row for "Eastvale - Template" shows the owner as "stephanie.smith", modified at "6:49 AM", and a plan of "2020/Other".

Preview	Name	Owner	Labels	Modified	Plan
	Eastvale - Template	stephanie.smith		6:49 AM	2020/Other

For example. See this search for Eastvale, California below.

Duplicate Map



	Preview	Name	Owner	Labels	Modified	Plan	State
<input checked="" type="checkbox"/>		Eastvale 1	stephanie.smith		Nov 12	2020/Other	0 CA

Click on the checkbox next to the map that you would like to use, which will select it, and click "duplicate" to make a copy. This will allow you to make modifications.

PLEASE NOTE: The program can take approximately 15 to 30 seconds to load the duplicate map under "My Maps"



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Rename Map



Now that you have duplicated your map, you will need to rename it. Make sure the duplicate map is selected (check mark), select “Rename”, on the toolbar, insert a new name and add a description for your new map. **Tip:** Put your name in the renamed map title, i.e. Bob’s map, etc.

To begin modifying your new draft map, click “Edit” from the toolbar.

PLEASE NOTE: that the program can take approximately 15 to 30 seconds to load the map once you have selected “Edit”



Edit Map

Copy of Eastvale - Template

Eastvale - 0 -7,907,645

District Selector

	District	Population	Deviation
1	Un	69,757	0
2	1	0	-7,907,645
3	2	0	-7,907,645
4	3	0	-7,907,645
5	4	0	-7,907,645
6	5	0	-7,907,645

District Details

Colors

Overlays

Background Map

District Lines

Precinct Lines

County Lines

City Lines

Labels

Labels

Labels

Landmarks

Custom Overlays

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Map Settings

Data Selector

Primary Datasets

Select primary datasets, one from each group, which will be used by District Statistics, Demographics Colors and Partisan Lean Colors.

Shapes 2020 Precincts

Hide Election Data and Partisan Analytics

Color Map from File

APPLY CANCEL

First, click on the gear icon to reapply the Agency settings to your map. Then select Apply

Map Statistics Analyze Compare Advanced

Precinct Details

Total Population 2020

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

Voting Age Pop 2020

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

Composite 2016-2020

	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

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Edit Map

DRA2020

Copy of Eastvale - Template

Tools

Block

Click on “Block” in the Tool Bar directly above the map to be able to view Census Blocks, the click on an area in the map.

Block Details

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

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

Composite 2016-2020		
Votes	%	
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

Map saved to server.  

© 2021 DRA2020

© Mapbox © OpenStreetMap Improve this map

Colors

Overlays

Background Map

District Lines

County Lines

City Lines

Precinct Lines

Labels

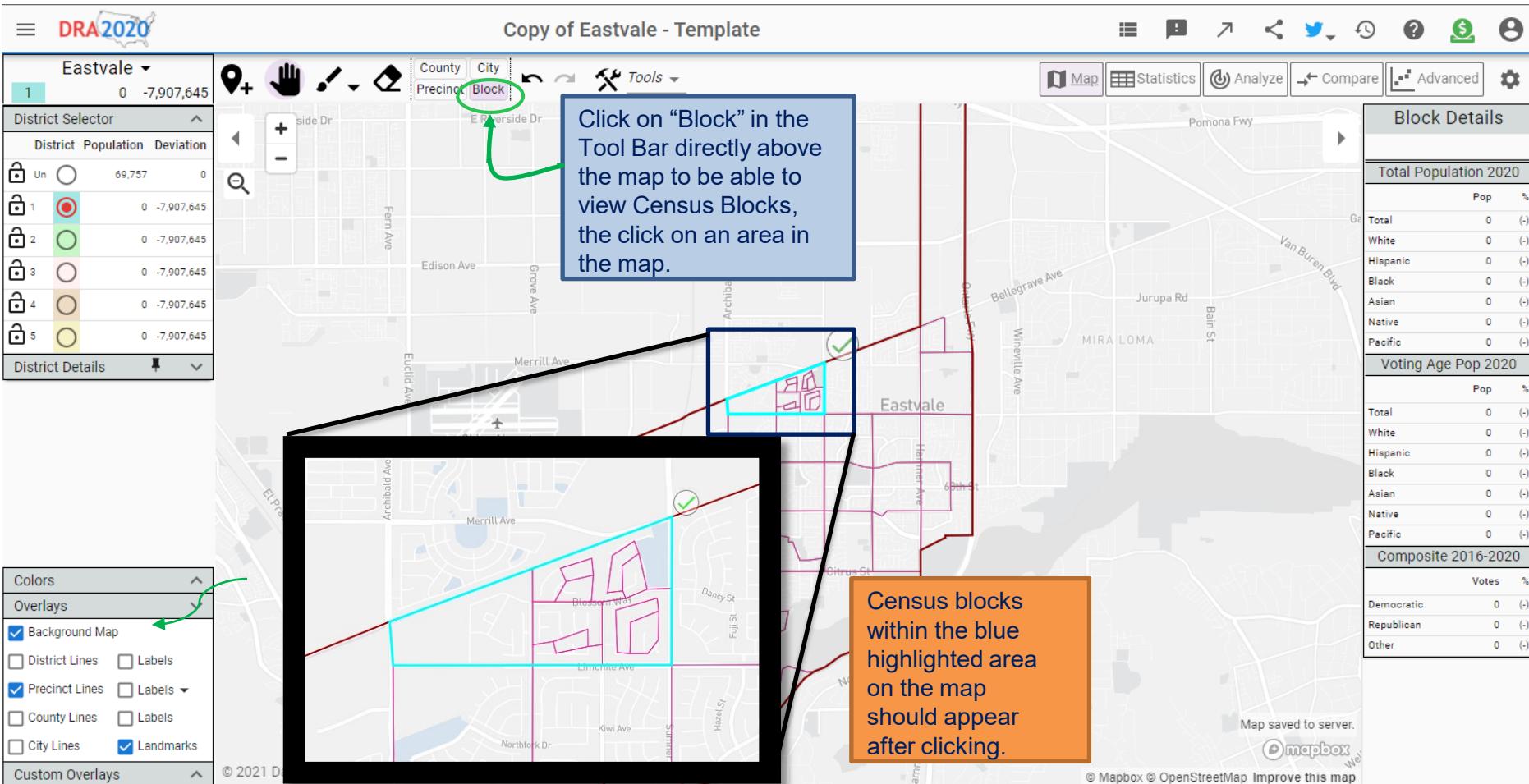
Labels

Labels

Landmarks

Custom Overlays

Census blocks within the blue highlighted area on the map should appear after clicking.



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Edit Map

DRA2020

Copy of Eastvale - Template

Tools

Map Statistics Analyze Compare Advanced

Block Details

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

Voting Age Pop 2020

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

Composite 2016-2020

Votes %		
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

Eastvale - 2 0 -7,907,645

District Selector

District	Population	Deviation
1	69,757	0
2	13,881	-7,893,764
3	0	-7,907,645
4	0	-7,907,645
5	0	-7,907,645

District Details

Colors Overlays

Background Map

District Lines Labels

Precinct Lines Labels

County Lines Labels

City Lines Landmarks

Custom Overlays

Francis Ave W Francis St

E Philadelphia St Pomona Fwy E Walnut St

Riverside Dr Creekside Chino Ave

Champagne Archibald Ave

Pomona Fwy

Chino Valley Fwy

Grove Ave

Merrill Ave

Belgrave Ave

Winetka Ave

Map saved to server.

Mapbox © Mapbox © OpenStreetMap Improve this map

In the “District Selector” box, select the District you would like to edit. A red dot will appear in the District being edited.

Eastvale - 2 13,881 -7,893,764

District Selector

District	Population	Deviation
1	12,598	-7,895,047
2	13,881	-7,893,764
3	0	-7,907,645
4	0	-7,907,645
5	0	-7,907,645

District Details

Eastvale

Chino Airport

6th St

Norco

Prado Basin

River Rd

4th St

6th St

Wells Ave

Map saved to server.

Mapbox © Mapbox © OpenStreetMap Improve this map



Edit Map

DRA2020

Copy of Eastvale - Template

Eastvale 2 0 -7,907,645

District Selector

	District	Population	Deviation
1	Un	69,757	0
2	○	0 -7,907,645	
3	○	0 -7,907,645	
4	○	0 -7,907,645	
5	○	0 -7,907,645	

District Details

Colors

Overlays

Background Map

District Lines Labels

Precinct Lines Labels

County Lines Labels

City Lines Landmarks

Custom Overlays

Tools

Map Statistics Analyze Compare Advanced

Block Details

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

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

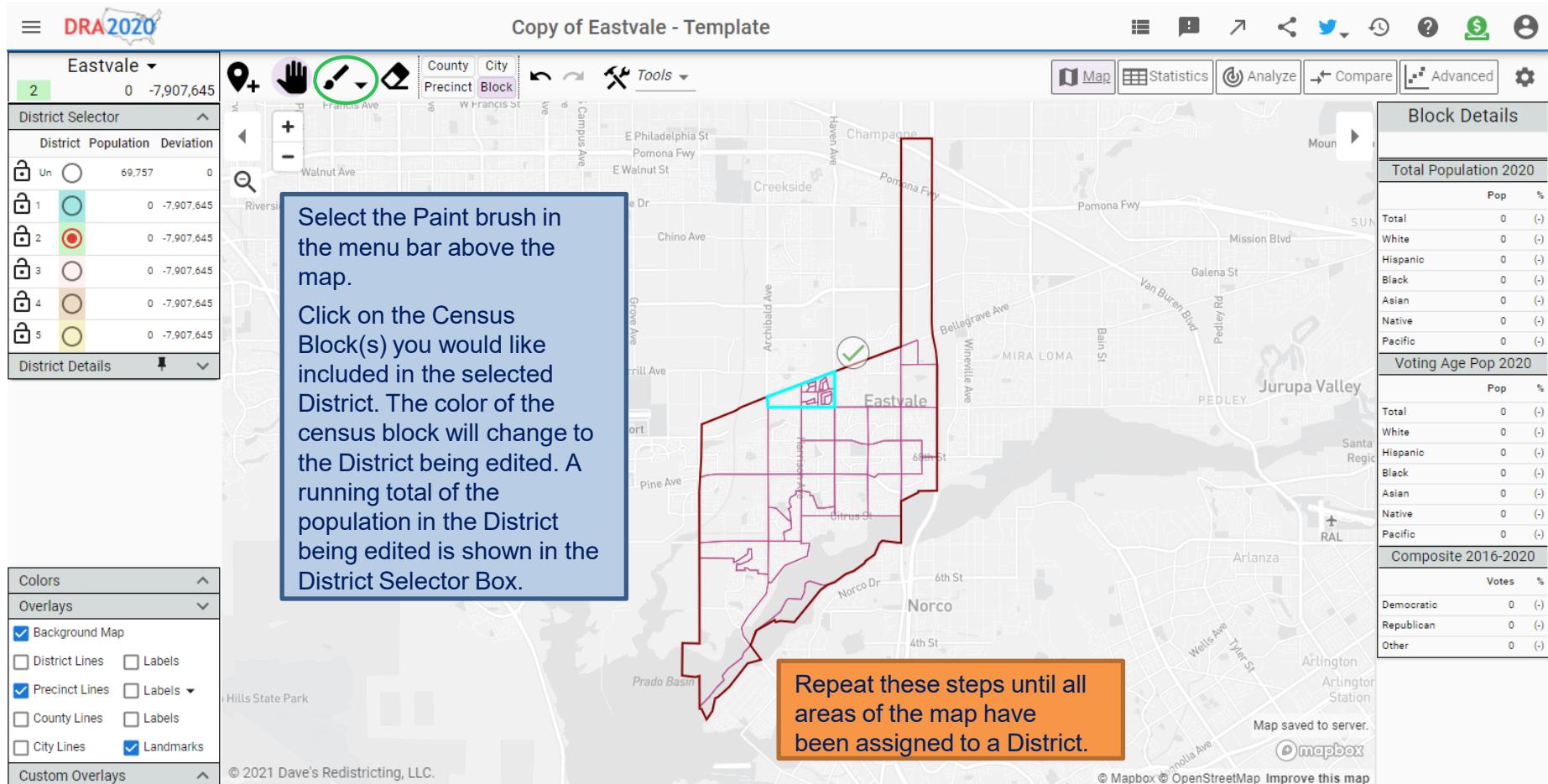
Composite 2016-2020	
Votes	%
Democratic	0 (-)
Republican	0 (-)
Other	0 (-)

Select the Paint brush in the menu bar above the map.

Click on the Census Block(s) you would like included in the selected District. The color of the census block will change to the District being edited. A running total of the population in the District being edited is shown in the District Selector Box.

Repeat these steps until all areas of the map have been assigned to a District.

Map saved to server. © Mapbox © OpenStreetMap Improve this map



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Editing Tips

- The target population for each district is 11, 668. Deviation of 5% to 10% may be considered.
- To see what the population within a Census Block is before assigning it to a District, hover the cursor over the Census Block. Population and demographic statistics for the Census Block will appear in the “Block Details” box.
- To change the District a Census Block has been assigned to, use the paint brush tool to select the District in the District Selector box you want to change the Census Block to and then click on the Census Block you want to change. You may also select “Un” (Unassigned) in the District Selector box and click on a Census Block to leave it unassigned.



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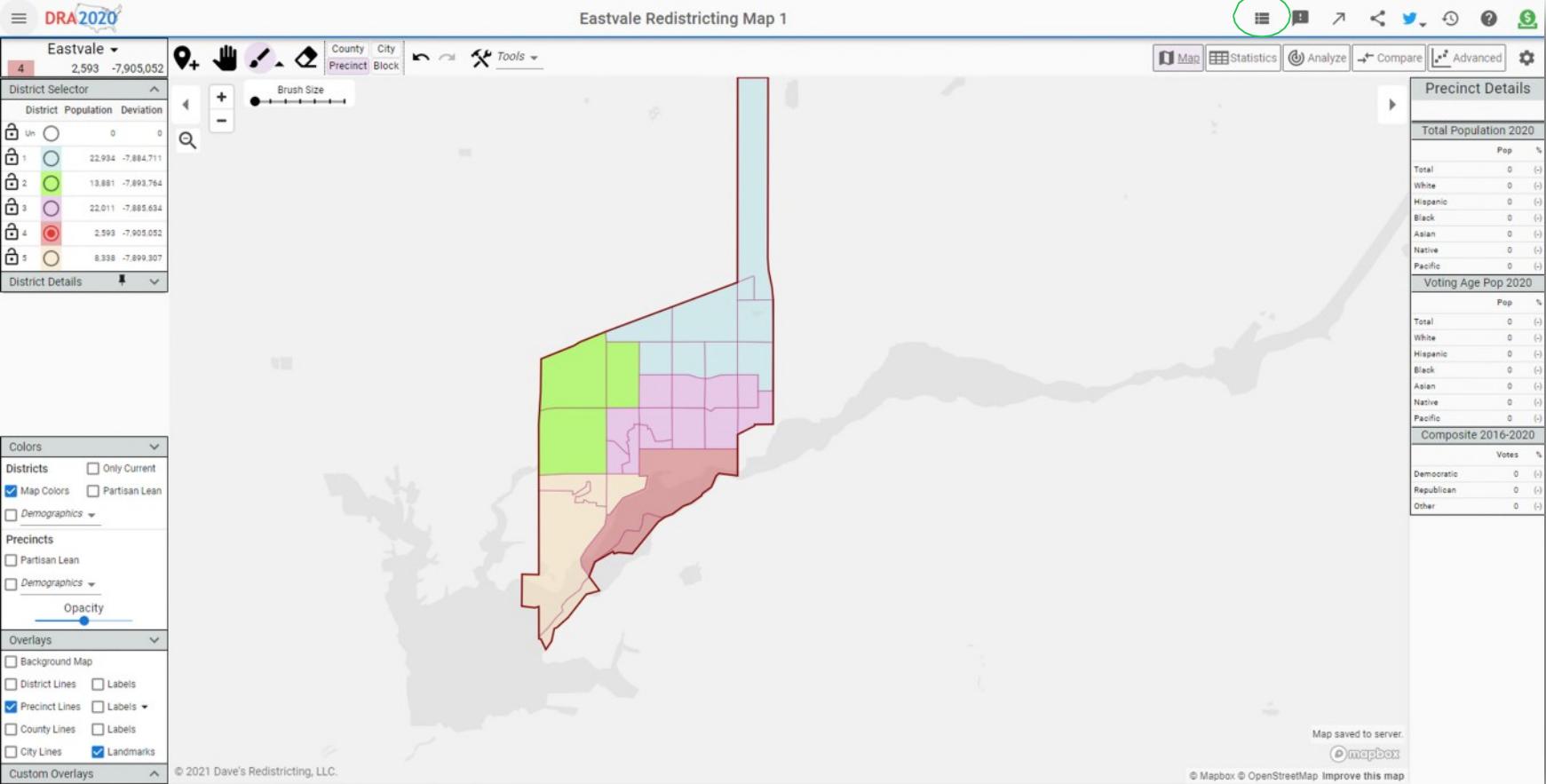
Tips for Quality Maps

- Districts are compact (uniform shapes, recognizable shapes, not elongated or thinly sliced across the jurisdiction)
- Districts are contiguous (share a common border).
- Districts are relatively equal in population, with a deviation no greater than 10% from the least populated to the greatest populated district. For example, if the ideal district should contain 1000 people, you could have one district that contains 950 people (5% under the ideal) and one district that contains 1050 people (5% over the ideal), with the other districts falling somewhere in between. The total deviation would be an acceptable 10%. *You can check your percentages by clicking on “statistics” on the right-hand side of the tool bar.*
- Districts keep neighborhoods and other communities of interest, like territories around schools, around landmarks, etc., together



Finalize Map

When you are finished, click on the
“Maps” icon located on the top ribbon.



Finalize Map

Select the map you want to publish by clicking the checkbox next to the map.

Another way to share your map with your jurisdiction is by publishing it for anyone to see and then letting them know.

Publish Map

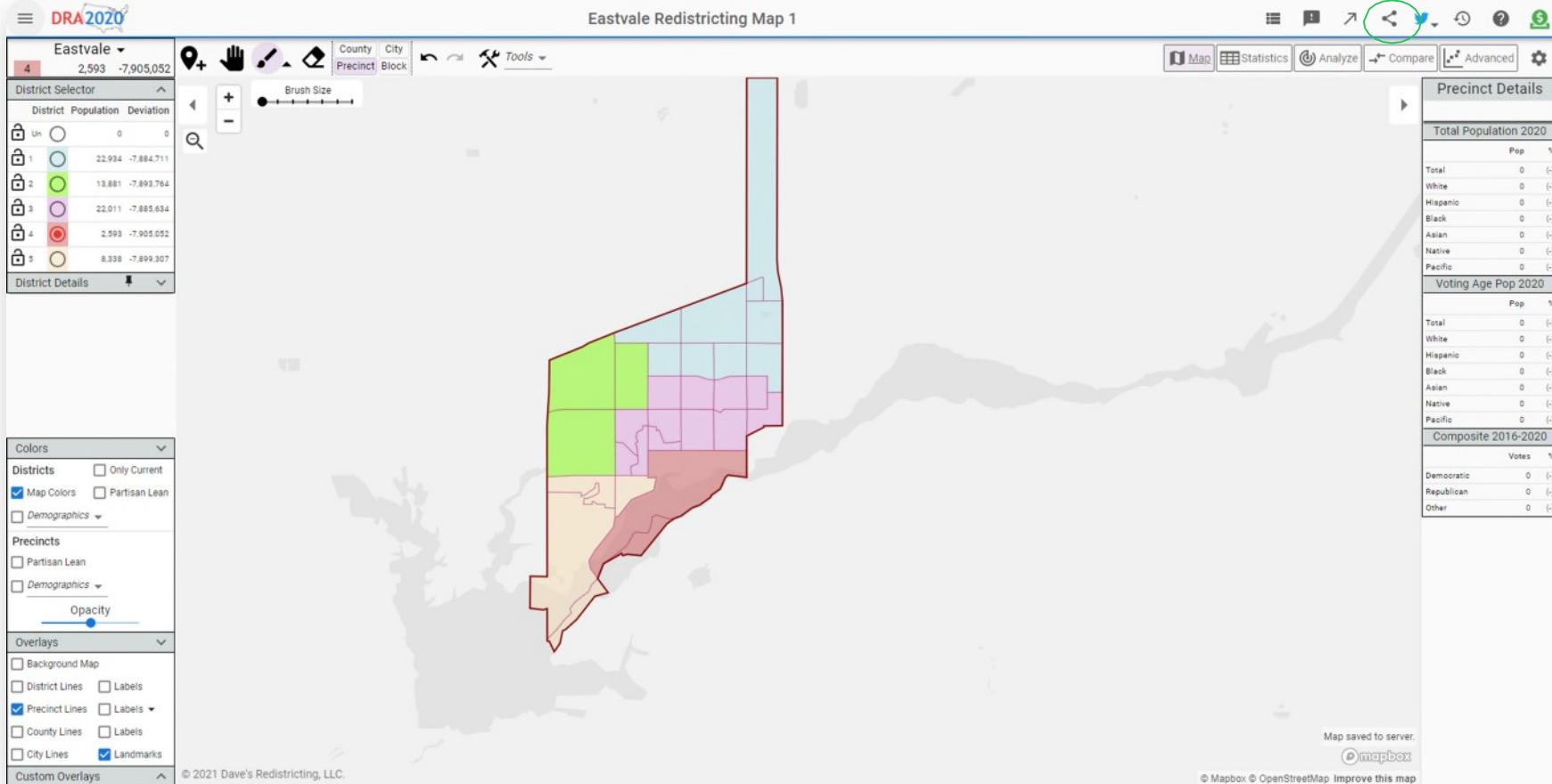
The screenshot shows the DRA 2020 software interface. At the top, there is a navigation bar with links for 'About Data', 'What's New', 'Feedback', 'Help', and 'Donate'. Below the navigation bar is a toolbar with various icons: 'My Maps' (dropdown), 'Search and Filter Maps', 'Edit', 'Share', 'Duplicate', 'Publish' (highlighted with a green arrow), 'Delete', 'Rename', and 'Label'. A blue callout box with white text says: 'Once selected, click the publish icon located in the top ribbon.' In the main content area, there is a table titled 'My Maps' with one entry: 'Eastvale Redistricting Map 1'. The map is previewed with a small thumbnail. A green circle highlights the 'Publish' button in the toolbar. A modal dialog box titled 'Publish Map' is open. It contains the following text: 'Your published maps are visible to all DRA 2020 users. A good name and description will help other people find your map and understand how and why you built it.' Below this, there is a 'Map Name' field containing 'Eastvale Redistricting Map 1'. There is also a 'Description' field which is empty. At the bottom of the dialog, there is a note: 'Including your Twitter handle in your profile will allow other users who are interested in your maps to follow your tweets and have conversations about the maps you are publishing.' Below this note is a 'Twitter Handle' field with a single character 'I' in it. At the bottom right of the dialog are 'CANCEL' and 'PUBLISH' buttons.

This is your last opportunity to update the name or description of your map before it is made public. There is also an option to include a Twitter handle. Including your Twitter handle in your profile will allow other users who are interested in your maps to follow your tweets and have conversations about the maps you are publishing.

Once published, you must send an email to your jurisdiction with your map name to inform them that you have published a map. This is very important, otherwise they will not know that you have published a map.

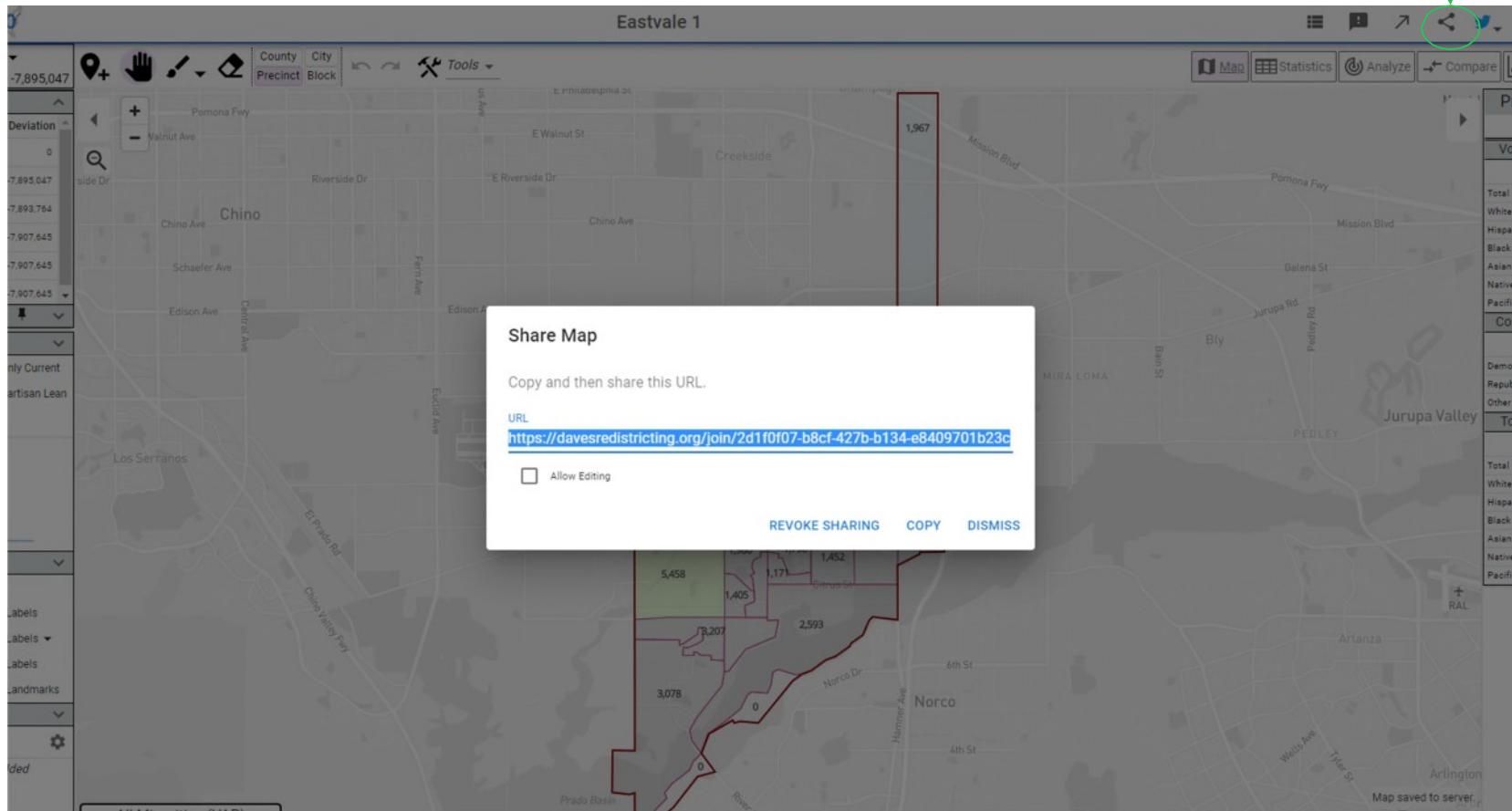
Share a Map

When you are finished, you can share the map directly with your jurisdiction.



Share a Map

Copy the link that populates in the box, then send via email to your jurisdiction, or anyone else you want to review your map. The email to the City's demographer is Stephanie.Smith@bbklaw.com



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