Redistricting Map Instructions

City of Big Bear Lake

Best Best & Krieger

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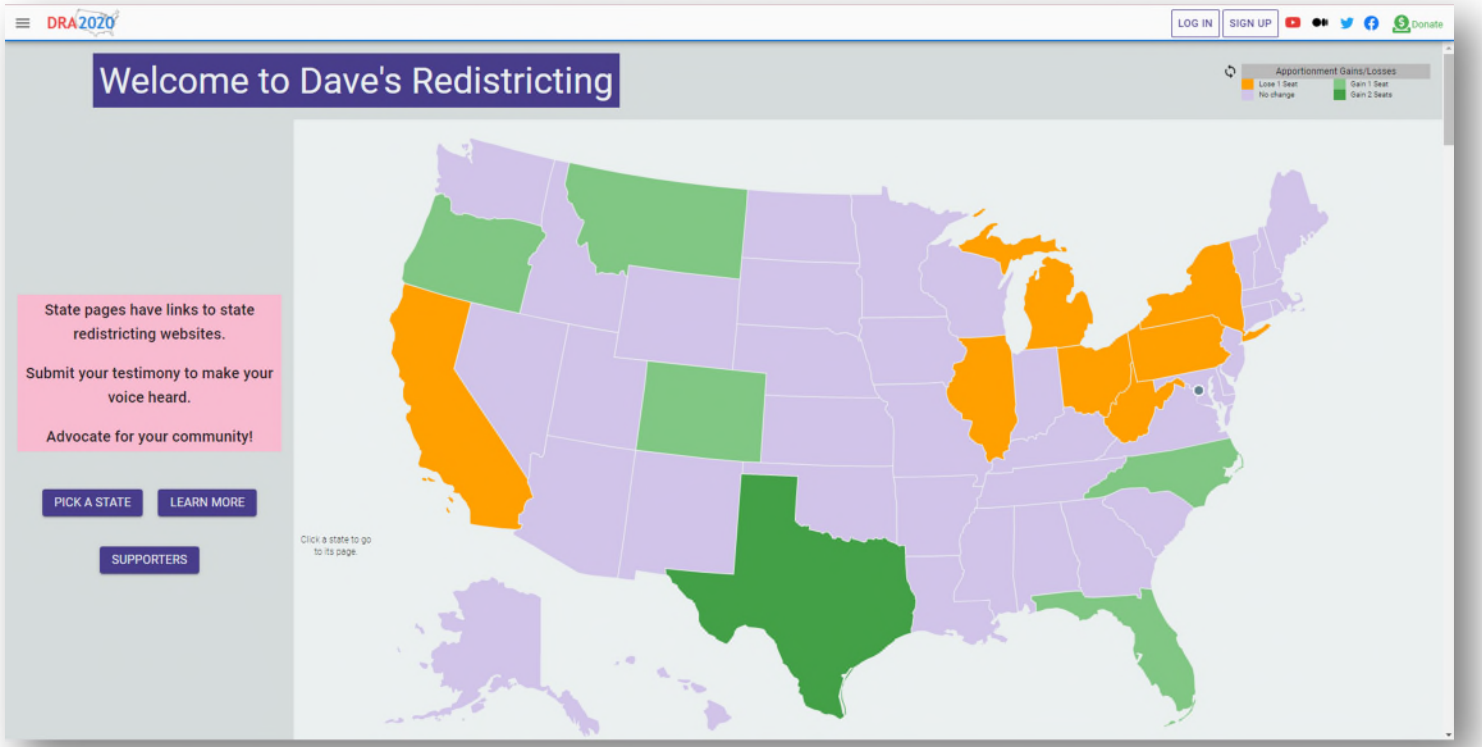
Introduction

- **Mapping Tool – Dave's Redistricting "DRA 2020"**

DRA 2020 is a web application to create, view, analyze and share redistricting maps for all 50 states and the District of Columbia.

- includes demographic data from the 2020 and 2010 censuses, 2019 and 2018 5-Year ACS/CVAP estimates, and extensive election data.
  - official congressional and legislative district maps are available and can be used to start new maps, or you can create maps from scratch.



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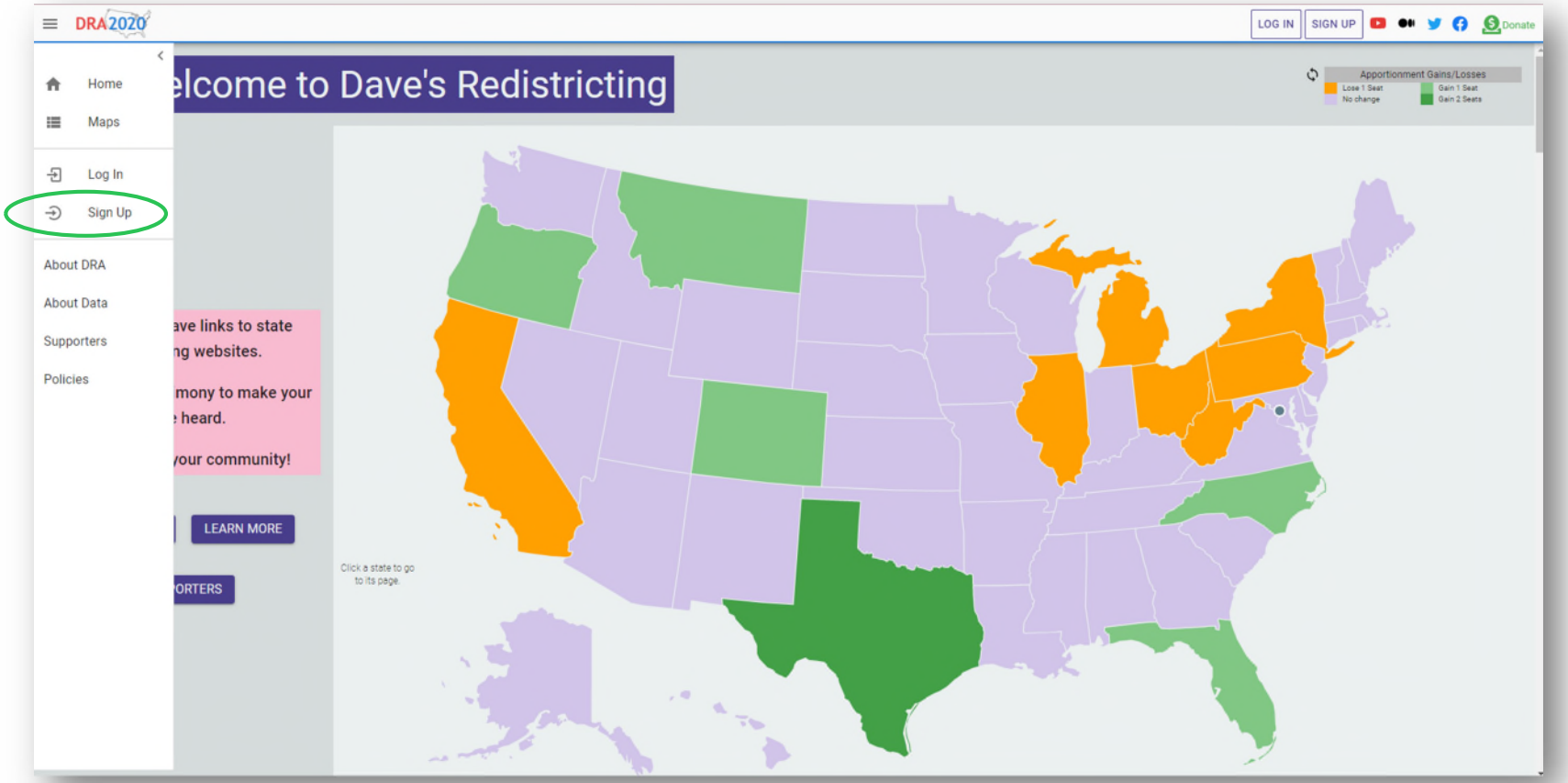

Getting Started

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

- Sign up to create a free-to-you account.

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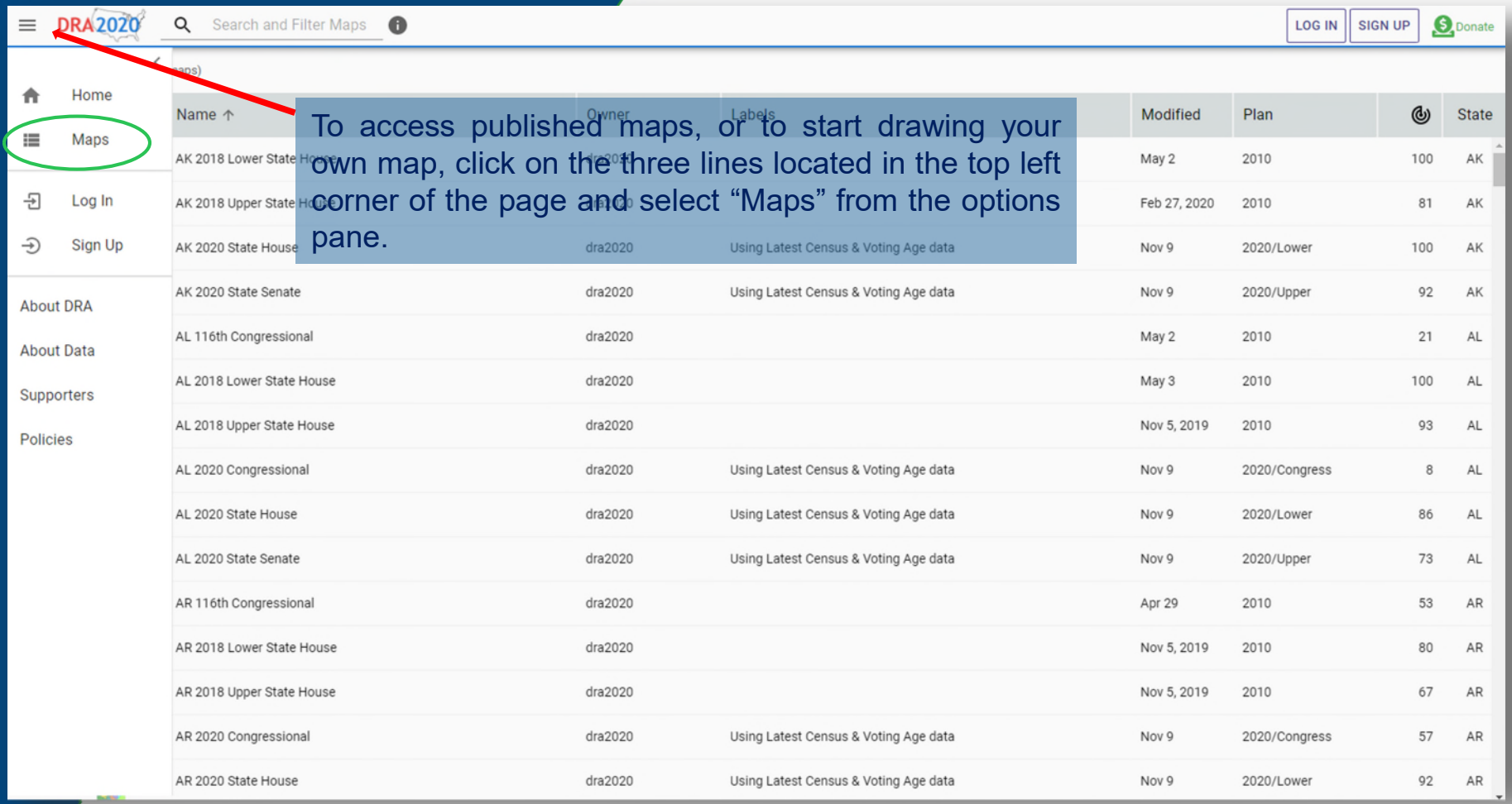
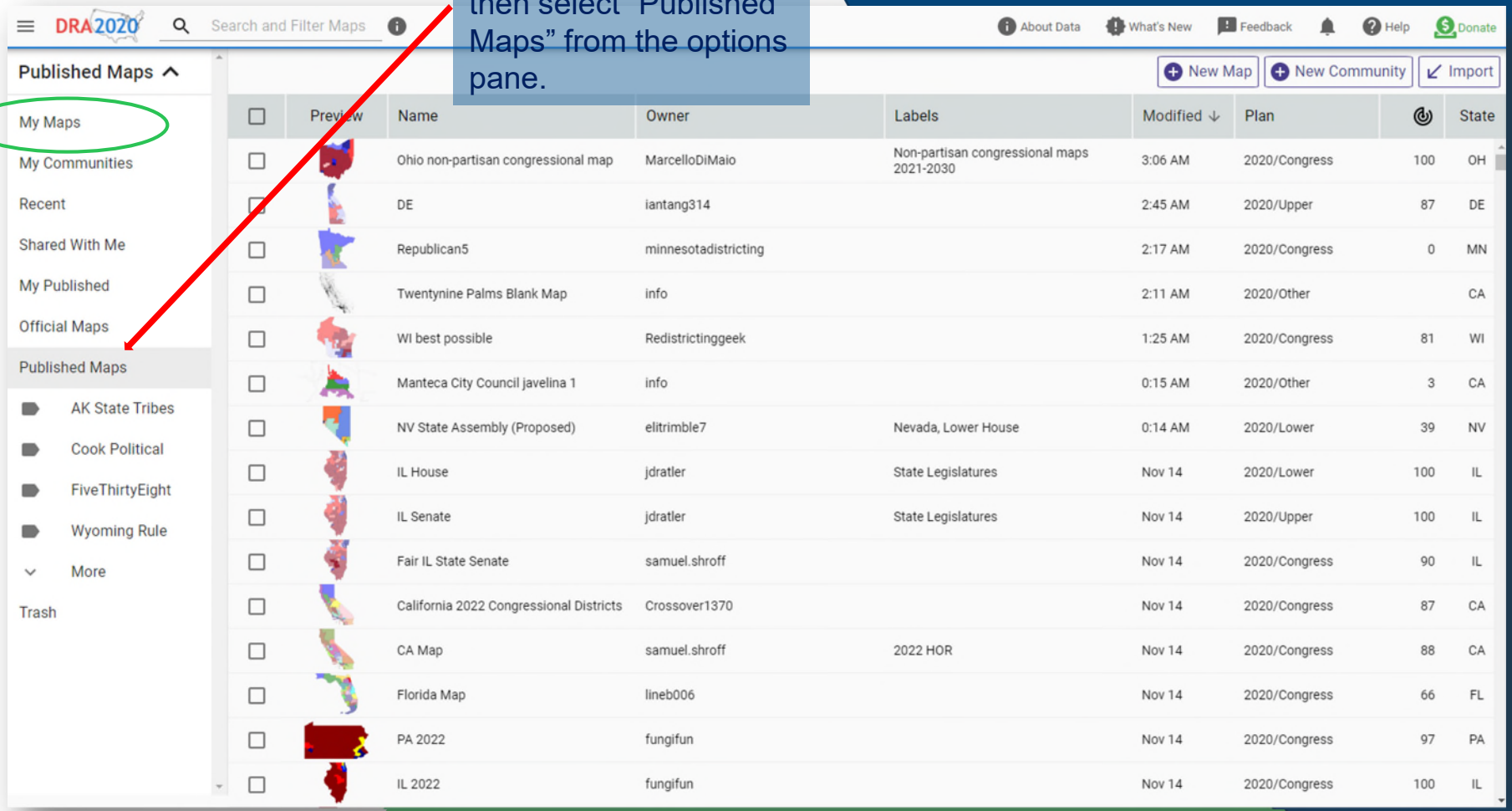
Draft Maps



Name	Owner	Labels	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	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	100	AK
AK 2020 State Senate	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Upper	92	AK
AL 116th Congressional	dra2020		May 2	2010	21	AL
AL 2018 Lower State House	dra2020		May 3	2010	100	AL
AL 2018 Upper State House	dra2020		Nov 5, 2019	2010	93	AL
AL 2020 Congressional	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Congress	8	AL
AL 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	86	AL
AL 2020 State Senate	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Upper	73	AL
AR 116th Congressional	dra2020		Apr 29	2010	53	AR
AR 2018 Lower State House	dra2020		Nov 5, 2019	2010	80	AR
AR 2018 Upper State House	dra2020		Nov 5, 2019	2010	67	AR
AR 2020 Congressional	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Congress	57	AR
AR 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	92	AR

Published Maps

Select “My Maps” and then select “Published Maps” from the options pane.



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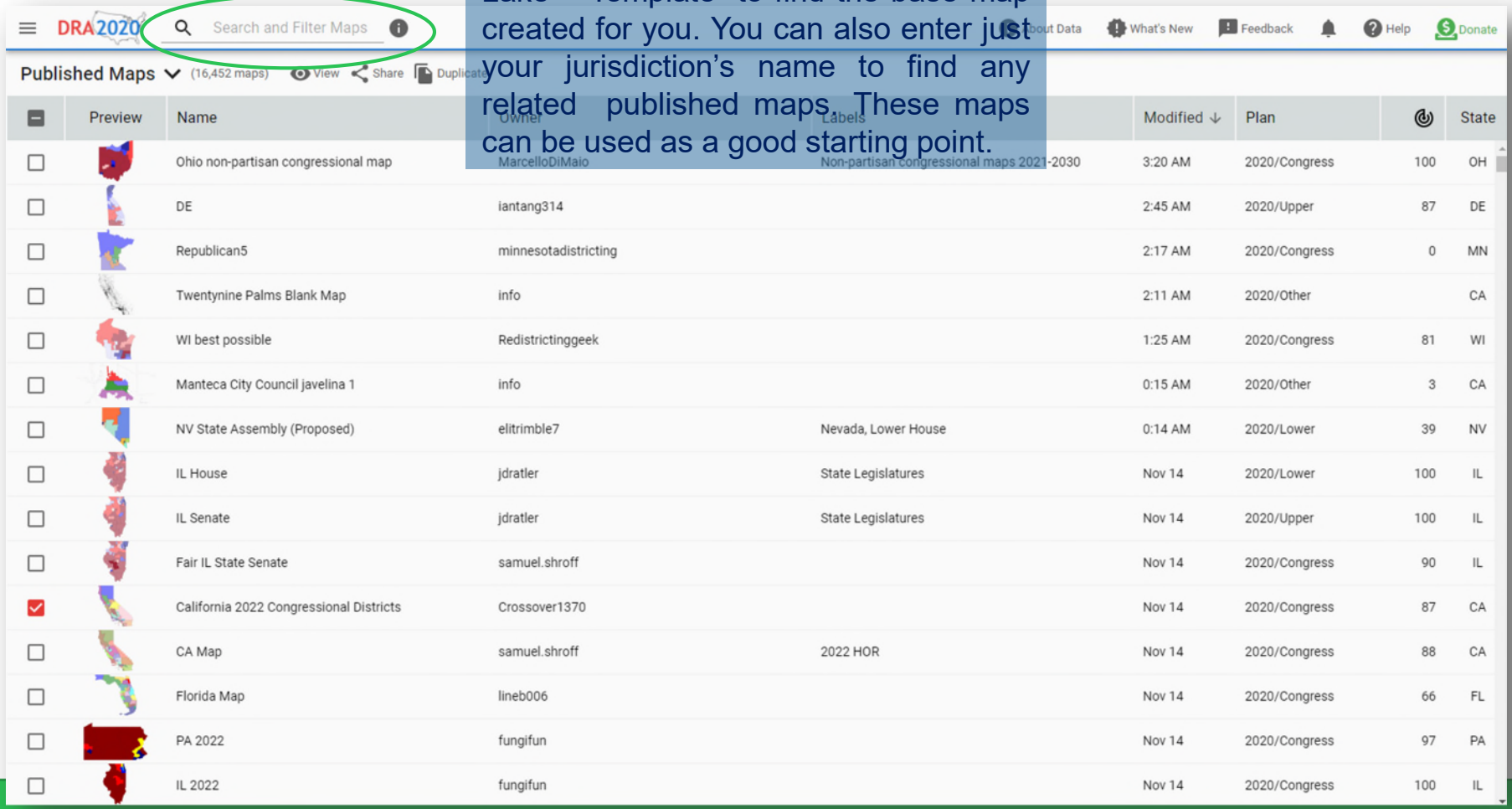
Map Search

Using the search box, enter “Big Bear Lake – 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.



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

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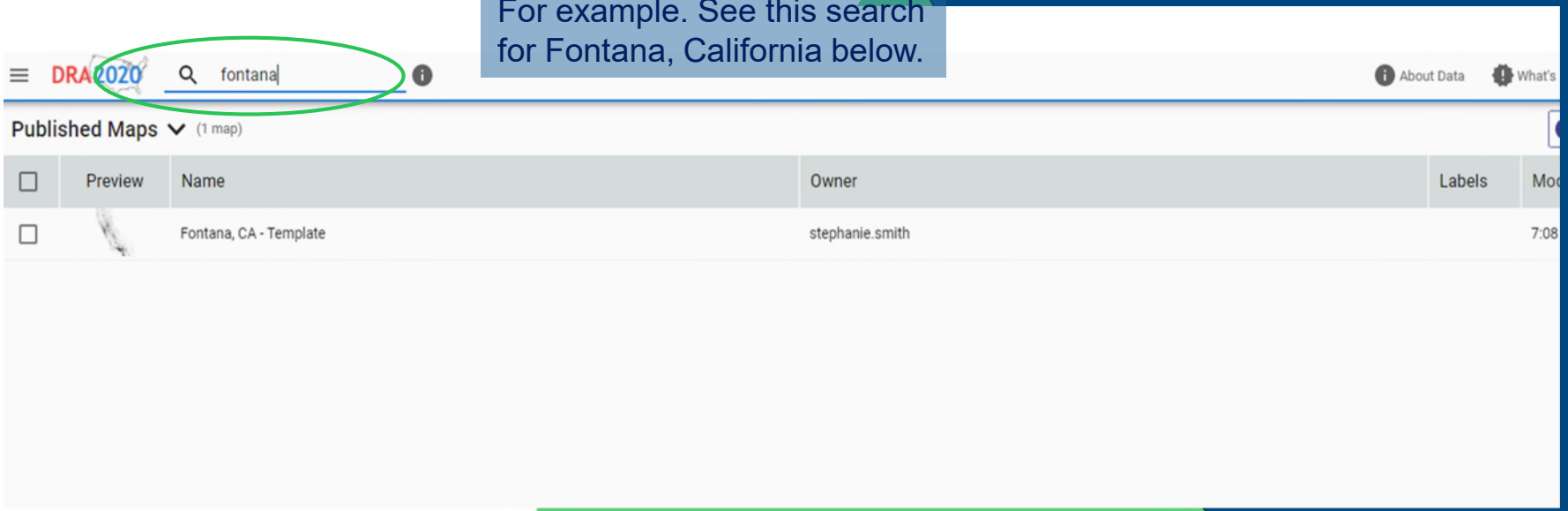
Map Search

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



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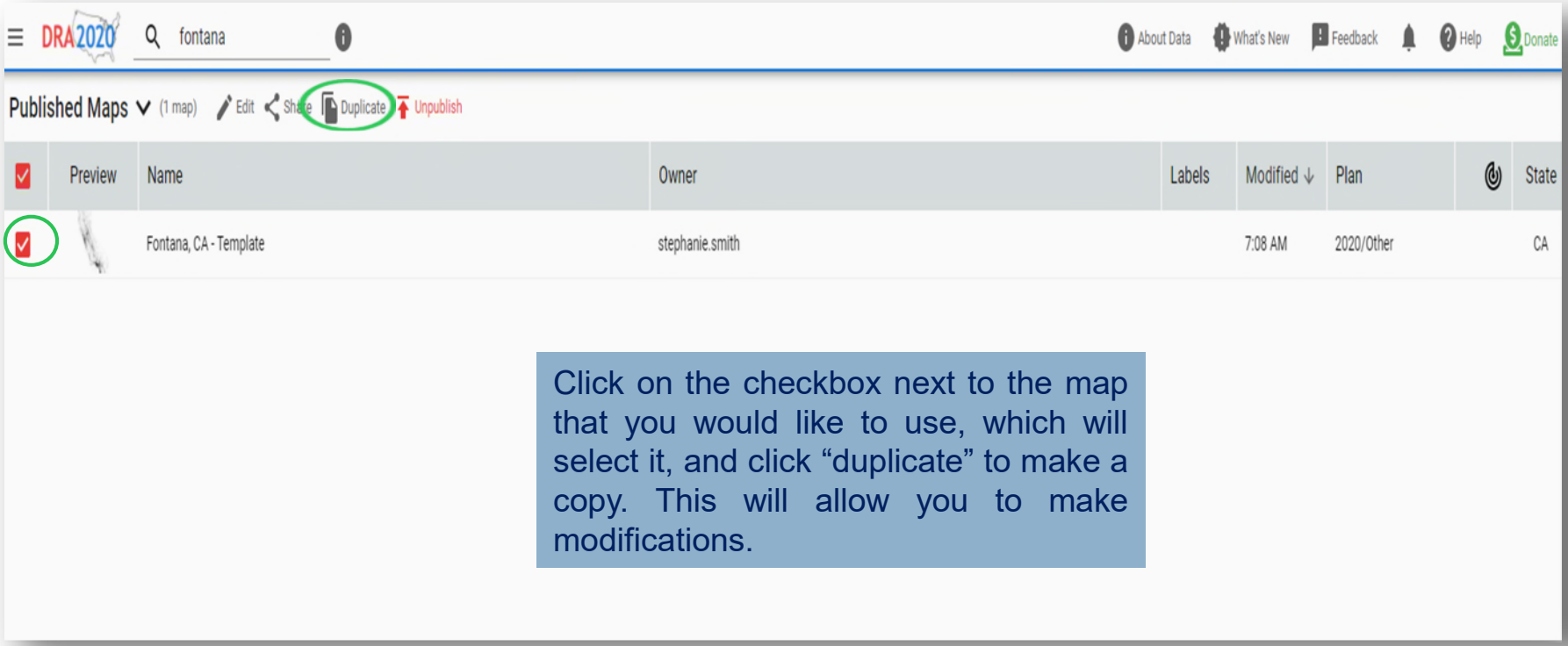
Duplicate Map



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.

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Rename Map

With the duplicate map still selected, select “Rename” to name and add a description for your new map, and then click “Edit” to begin modifying your new draft map.

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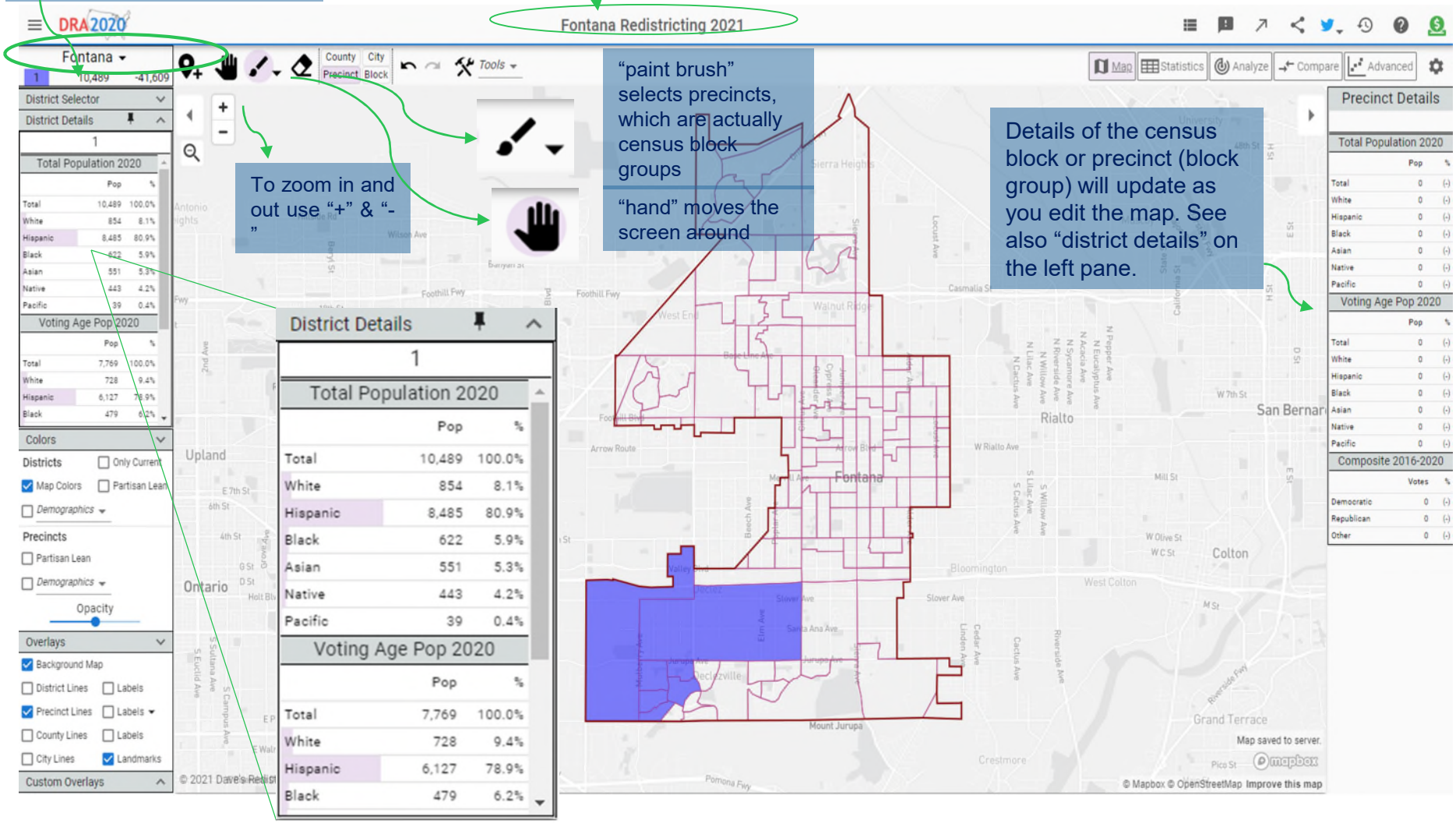
Edit Map

To see running totals for the currently selected district see the “district details” option pane. The district number is displayed at the top of the option pane

Rename your map at any time or update the description



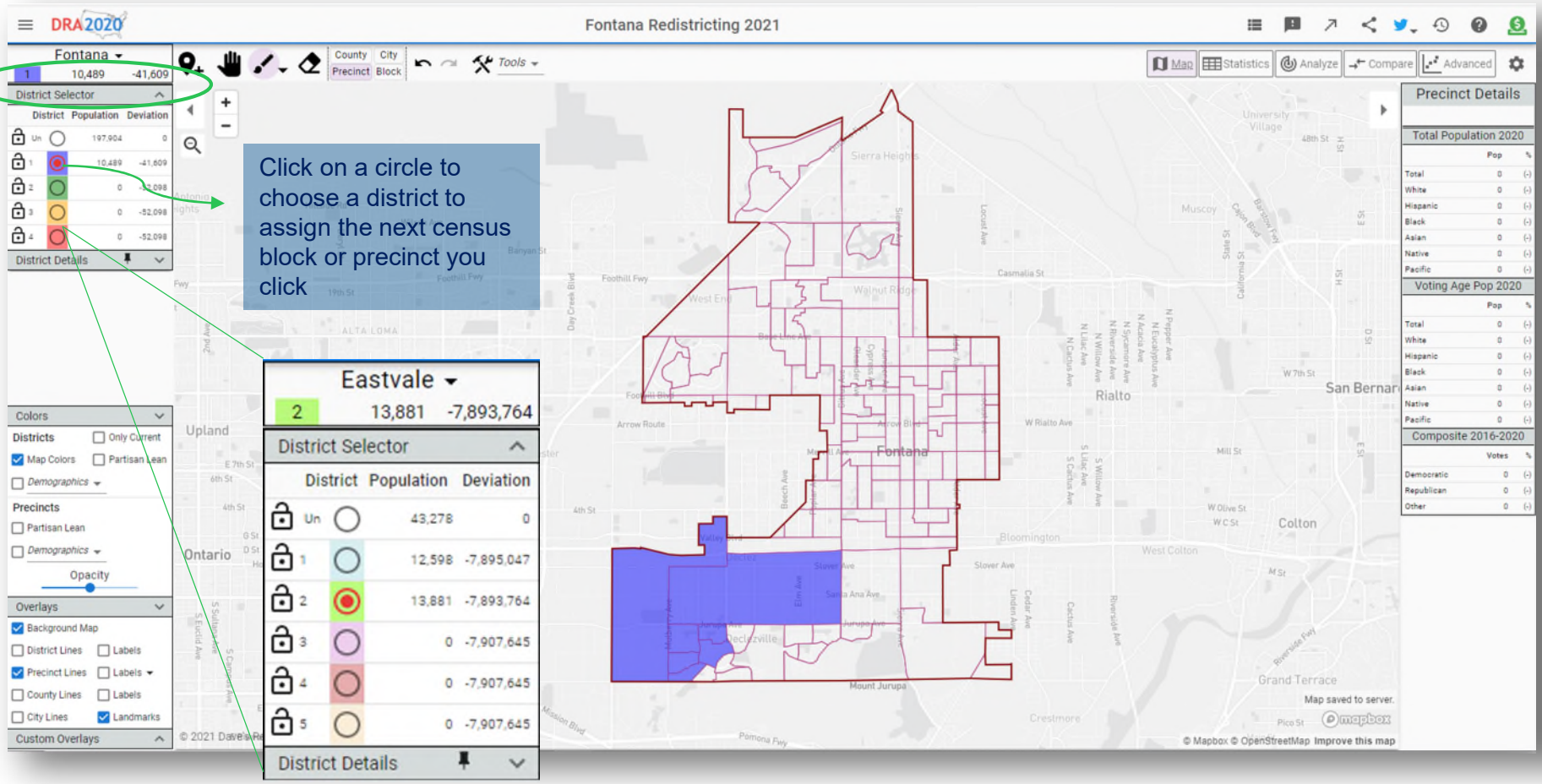
To zoom in and out use “+” & “-”

“paint brush” selects precincts, which are actually census block groups

“hand” moves the screen around

Details of the census block or precinct (block group) will update as you edit the map. See also “district details” on the left pane.

Edit Map Continued



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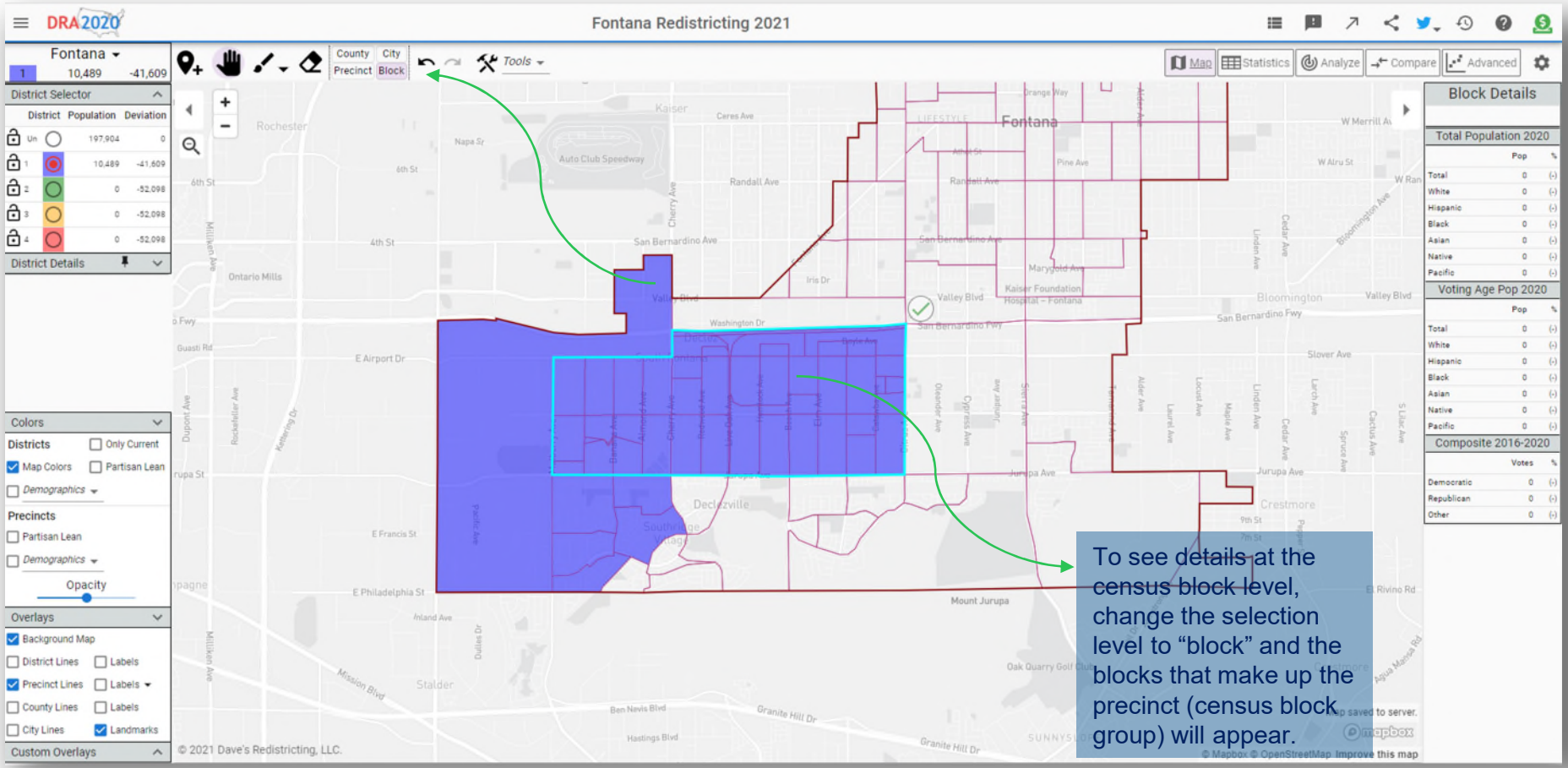
Edit Map Continued



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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
- 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%
- Districts keep neighborhoods and other communities of interest, like territories around schools, around landmarks, etc., together

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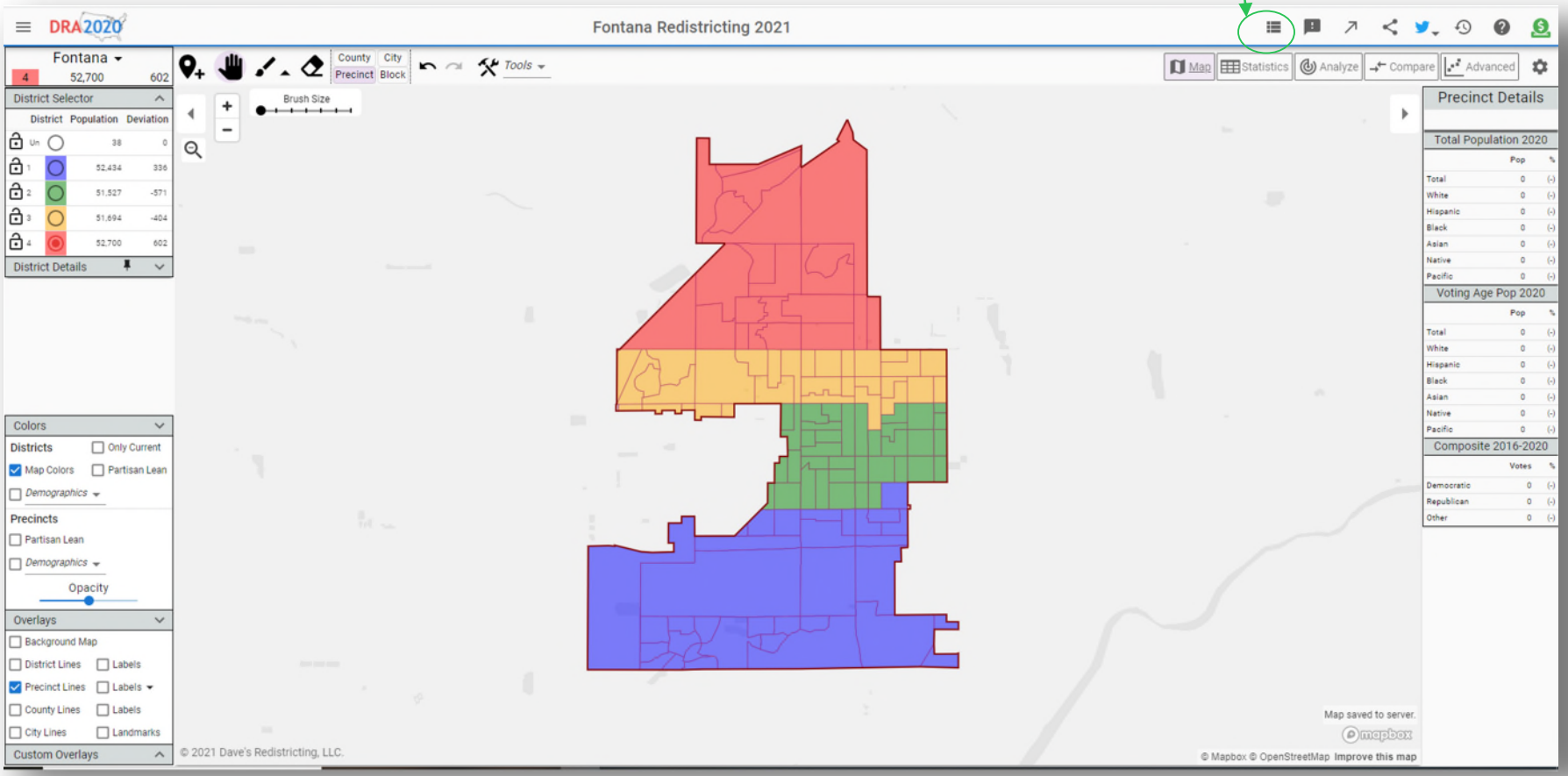
Finalize Map

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



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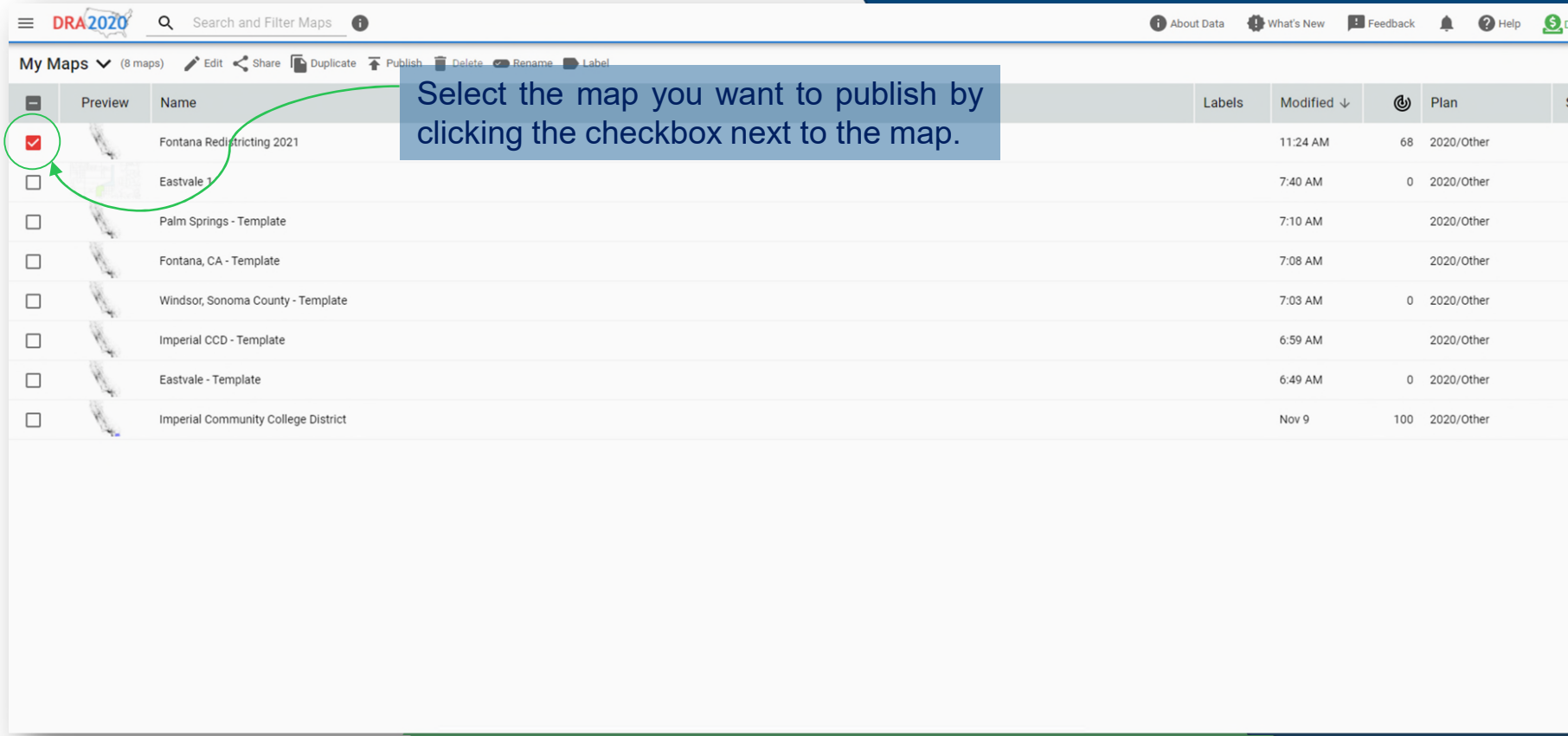
Finalize Map Continued



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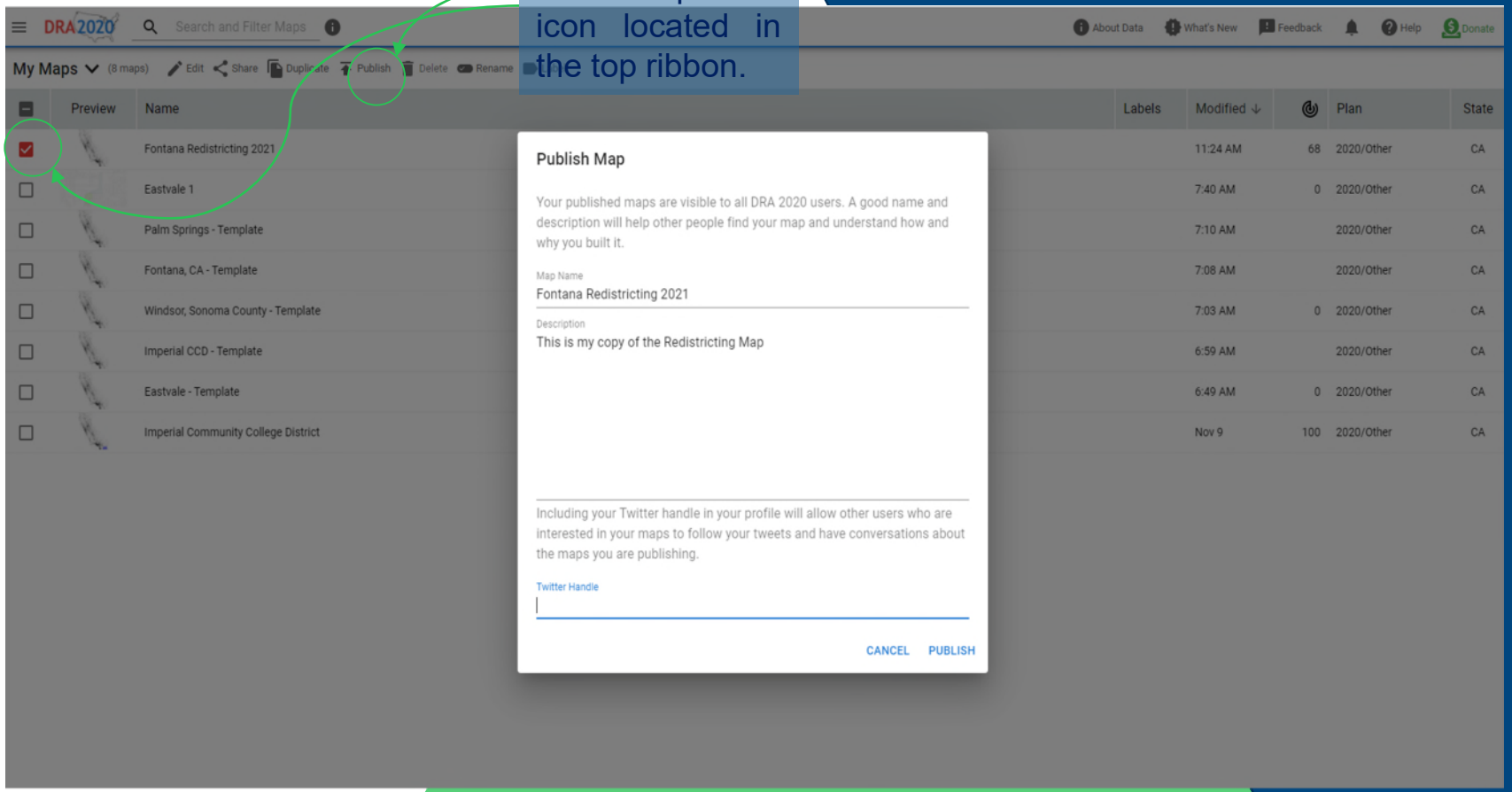
Publish Map

Once selected, click the publish icon located in the top ribbon.



This is one way to share your map with your jurisdiction. By publishing it anyone will be able to see it.

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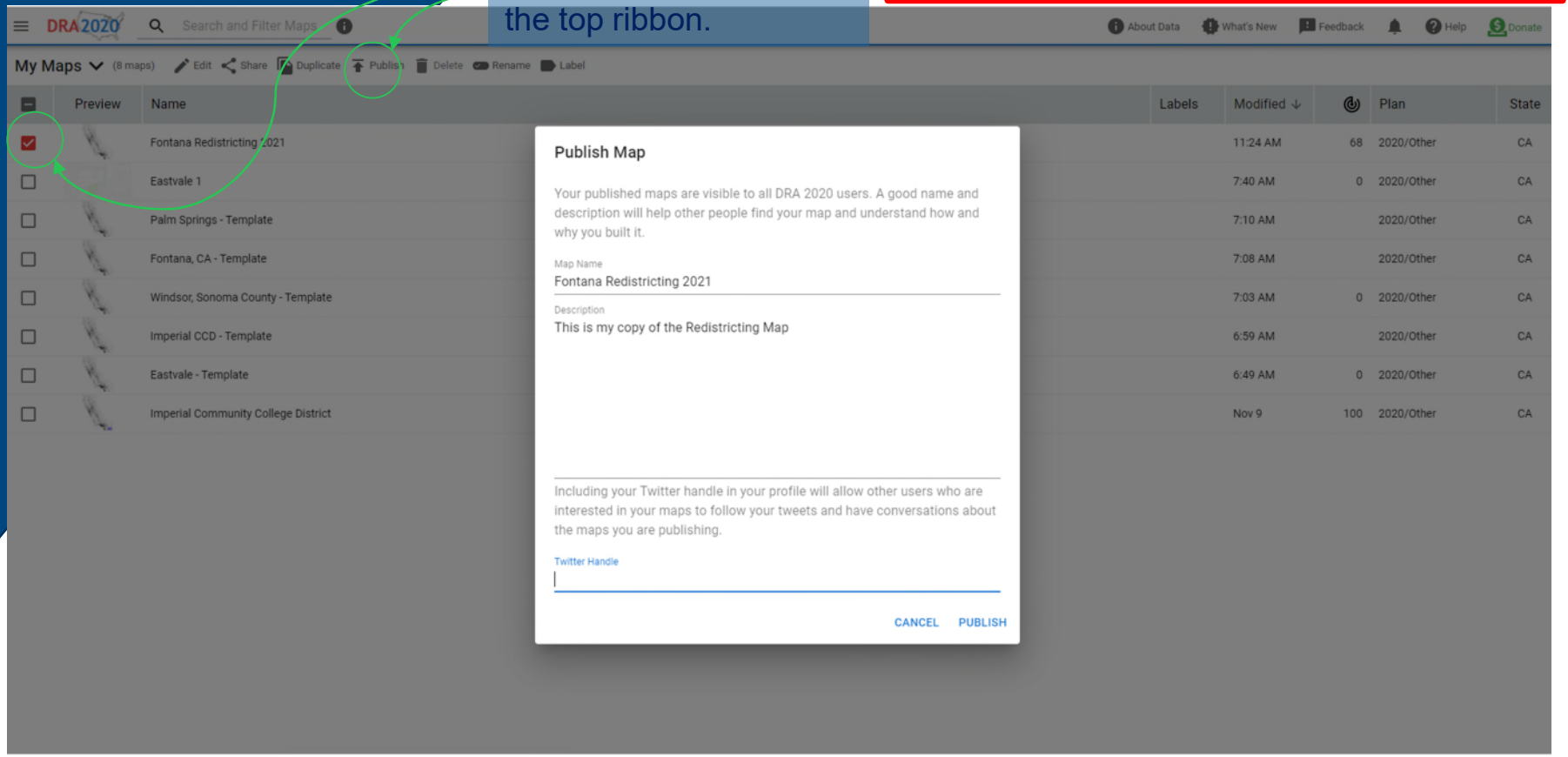
Publish Map

Once published, you **must** send an email to the City with your map name to inform them that you have published a map. The email for the City's redistricting consultant is Stephanie.Smith@bbklaw.com

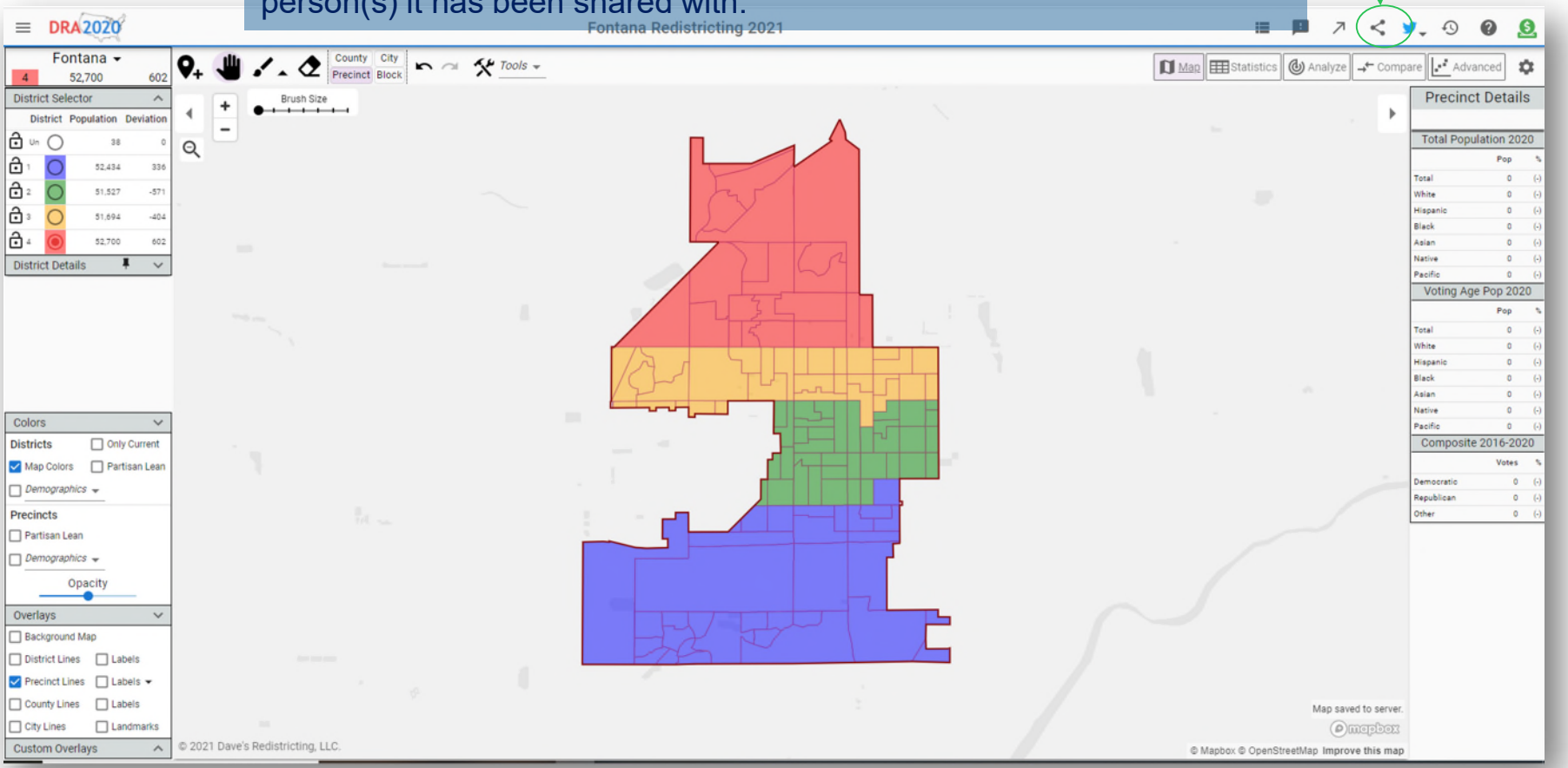
Once selected, click the publish icon located in the top ribbon.



Published maps may be viewed by anyone. They may also be duplicated for others to use as a base map. They cannot be altered by anyone other than the "owner" or creator of the map.

Share a Map

When you are finished, you can also share the map directly with the City's redistricting consultant, or anyone else you want to see the map. Shared maps that are not published can only be viewed by the person(s) it has been shared with.



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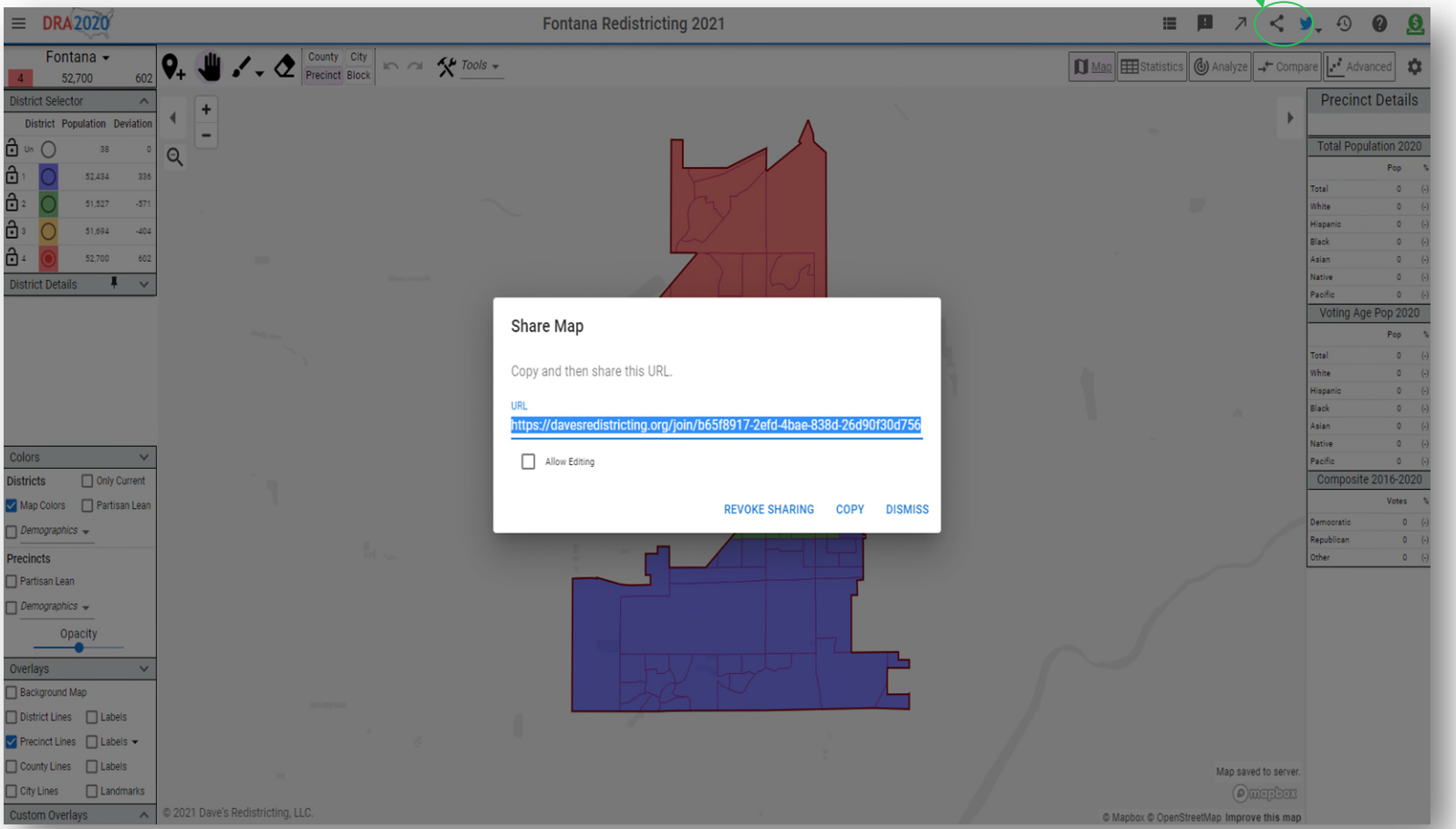
Share a Map Continued

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 for Big Bear Lake's redistricting process is Stephanie.Smith@bbklaw.com