



Redistricting Map Instructions

City of Fontana



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@BBKlaw



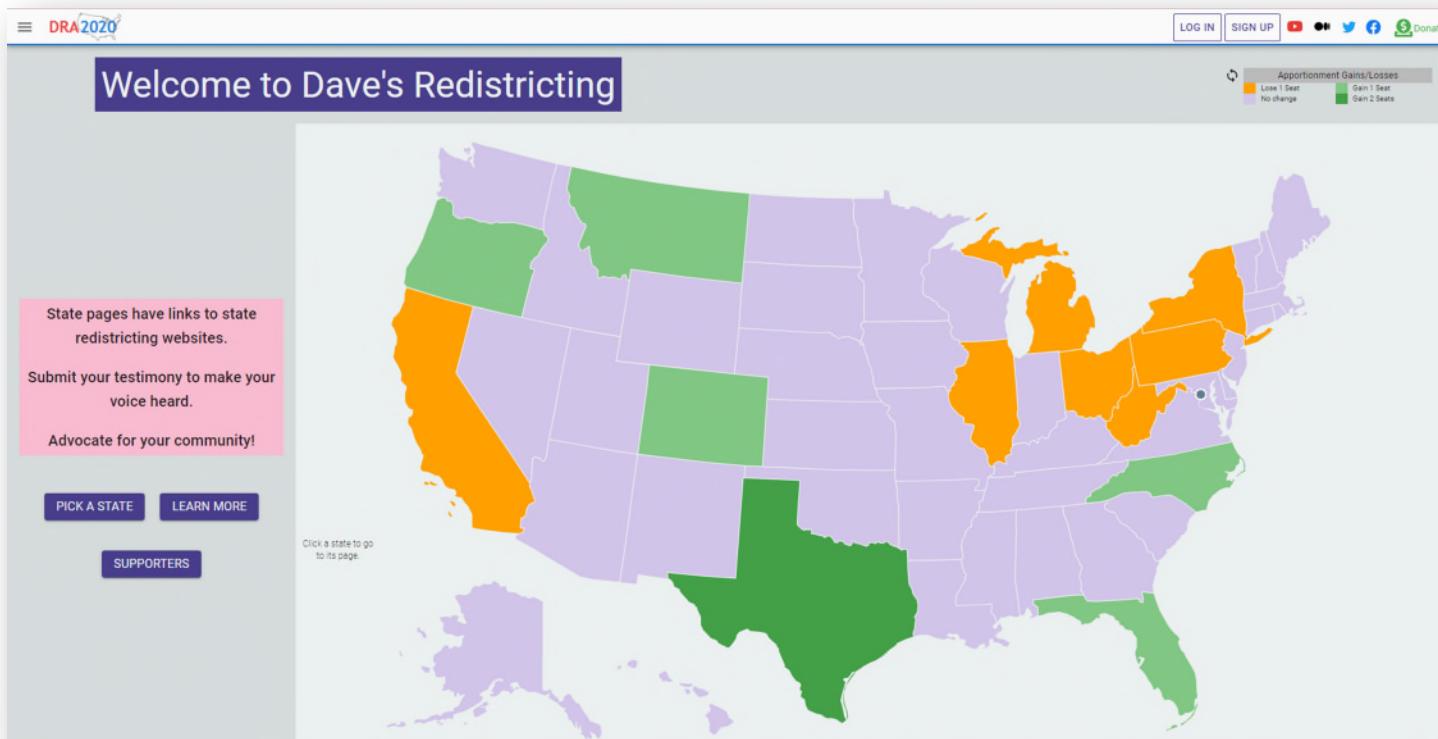
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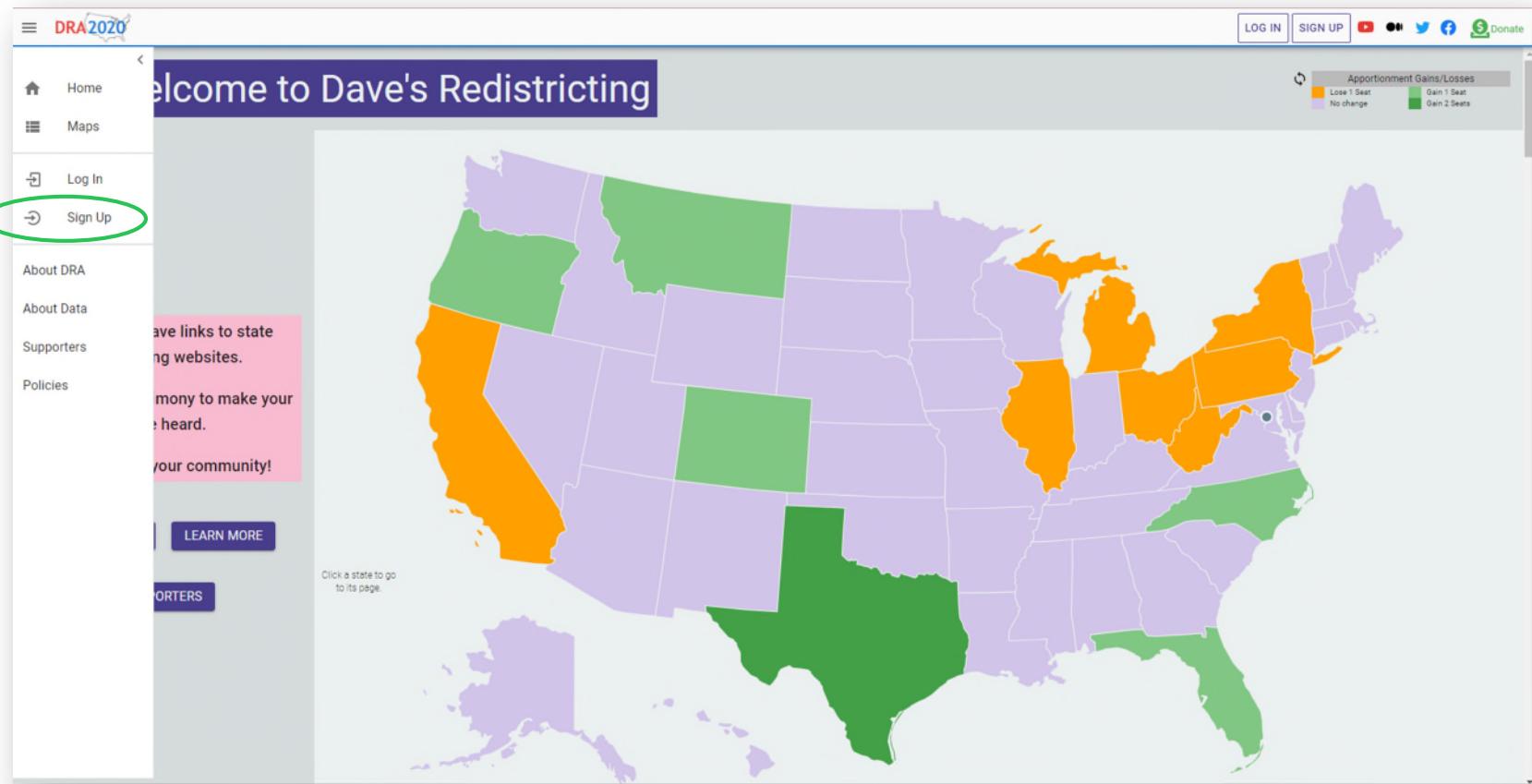
Introduction

- **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.





Getting Started

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

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



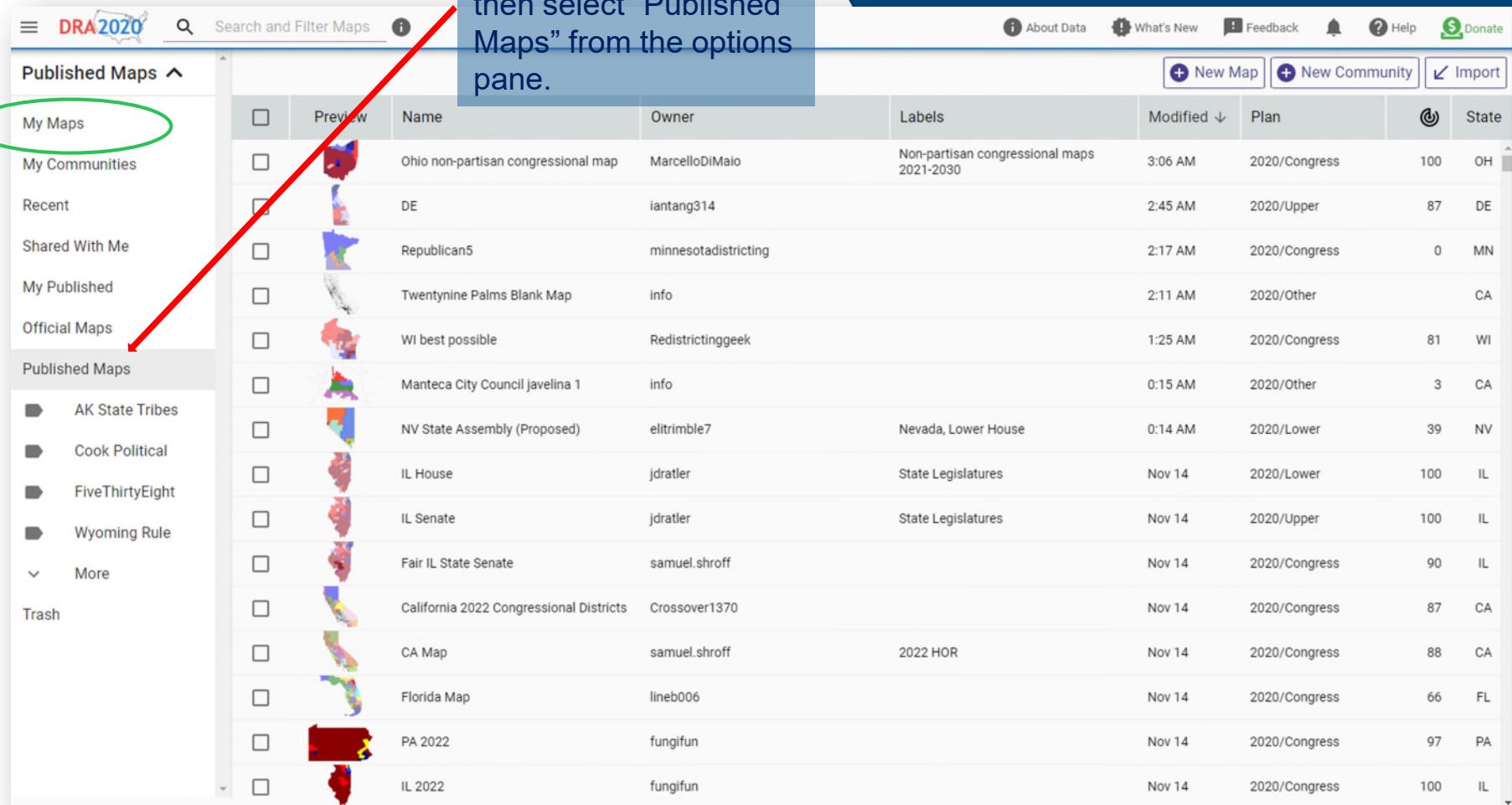
Draft Maps

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.

	Name	Owner	Labels	Modified	Plan	State
AK 2018 Lower State House	AK 2018 Lower State House	dra2020	Using Latest Census & Voting Age data	May 2	2010	100 AK
AK 2018 Upper State House	AK 2018 Upper State House	dra2020	Using Latest Census & Voting Age data	Feb 27, 2020	2010	81 AK
AK 2020 State House	AK 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	100 AK
AK 2020 State Senate	AK 2020 State Senate	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Upper	92 AK
AL 116th Congressional	AL 116th Congressional	dra2020		May 2	2010	21 AL
AL 2018 Lower State House	AL 2018 Lower State House	dra2020		May 3	2010	100 AL
AL 2018 Upper State House	AL 2018 Upper State House	dra2020		Nov 5, 2019	2010	93 AL
AL 2020 Congressional	AL 2020 Congressional	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Congress	8 AL
AL 2020 State House	AL 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	86 AL
AL 2020 State Senate	AL 2020 State Senate	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Upper	73 AL
AR 116th Congressional	AR 116th Congressional	dra2020		Apr 29	2010	53 AR
AR 2018 Lower State House	AR 2018 Lower State House	dra2020		Nov 5, 2019	2010	80 AR
AR 2018 Upper State House	AR 2018 Upper State House	dra2020		Nov 5, 2019	2010	67 AR
AR 2020 Congressional	AR 2020 Congressional	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Congress	57 AR
AR 2020 State House	AR 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	92 AR

Published Maps

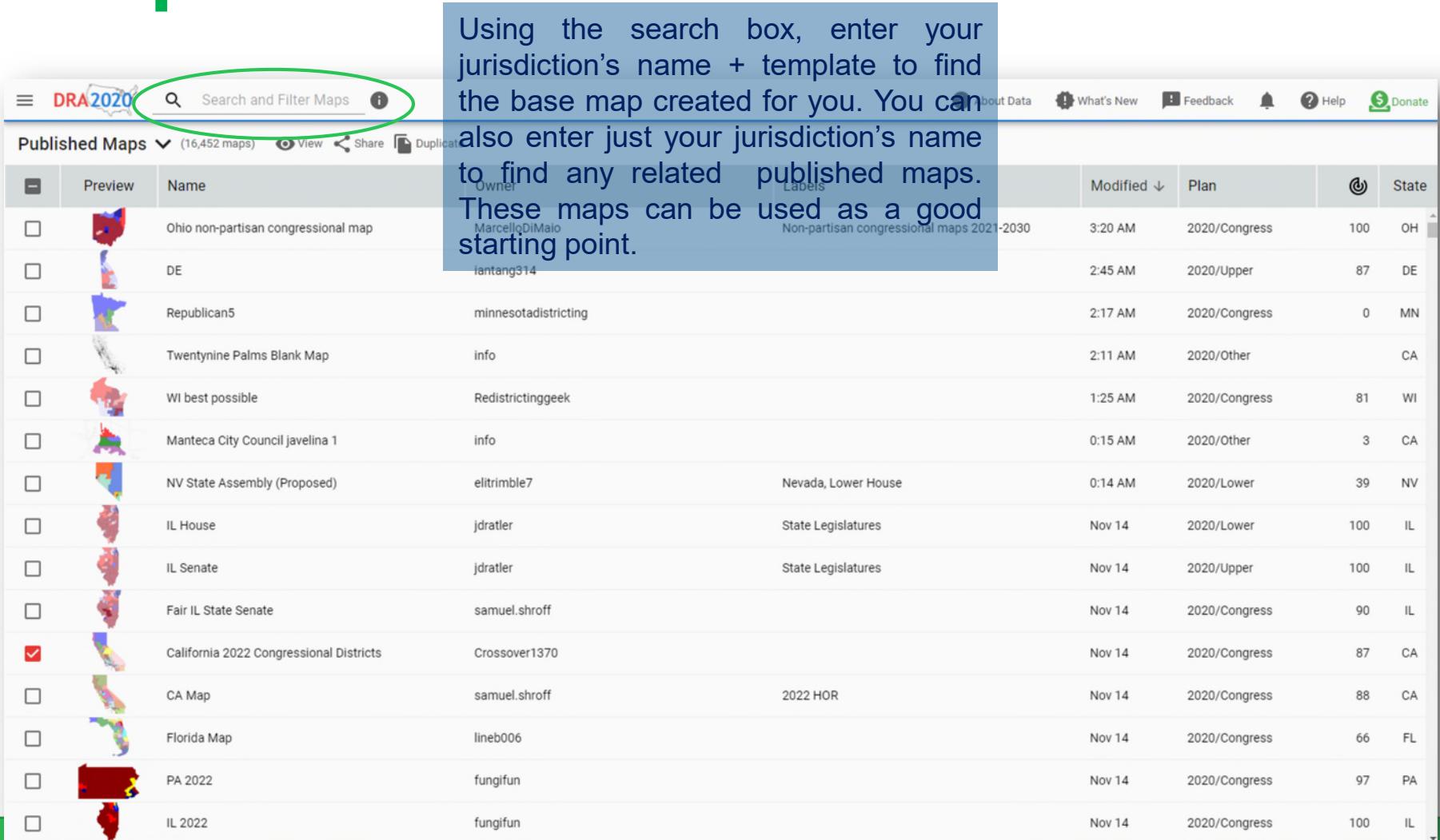
Select “My Maps” and then select “Published Maps” from the options pane.



The screenshot shows the DRA2020 website interface. On the left, a sidebar lists categories: My Maps (circled in green), My Communities, Recent, Shared With Me, My Published, Official Maps, Published Maps (highlighted with a red arrow), AK State Tribes, Cook Political, FiveThirtyEight, Wyoming Rule, and a More section. The main content area is titled 'Published Maps' and shows a table of maps. The table columns are: Preview, Name, Owner, Labels, Modified, Plan, and State. The table lists various maps such as 'Ohio non-partisan congressional map' (Owner: MarcelloDiMaio, Labels: Non-partisan congressional maps 2021-2030, Modified: 3:06 AM, Plan: 2020/Congress, State: OH), 'DE' (Owner: iantang314, Modified: 2:45 AM, Plan: 2020/Upper, State: DE), 'Republican5' (Owner: minnesotadistricting, Modified: 2:17 AM, Plan: 2020/Congress, State: MN), 'Twentynine Palms Blank Map' (Owner: info, Modified: 2:11 AM, Plan: 2020/Other, State: CA), 'WI best possible' (Owner: Redistrictinggeek, Modified: 1:25 AM, Plan: 2020/Congress, State: WI), 'Manteca City Council javelina 1' (Owner: info, Modified: 0:15 AM, Plan: 2020/Other, State: CA), 'NV State Assembly (Proposed)' (Owner: eltrimble7, Labels: Nevada, Lower House, Modified: 0:14 AM, Plan: 2020/Lower, State: NV), 'IL House' (Owner: jdratler, Labels: State Legislatures, Modified: Nov 14, Plan: 2020/Lower, State: IL), 'IL Senate' (Owner: jdratler, Labels: State Legislatures, Modified: Nov 14, Plan: 2020/Upper, State: IL), 'Fair IL State Senate' (Owner: samuel.shroff, Modified: Nov 14, Plan: 2020/Congress, State: IL), 'California 2022 Congressional Districts' (Owner: Crossover1370, Modified: Nov 14, Plan: 2020/Congress, State: CA), 'CA Map' (Owner: samuel.shroff, Labels: 2022 HOR, Modified: Nov 14, Plan: 2020/Congress, State: CA), 'Florida Map' (Owner: lineb006, Modified: Nov 14, Plan: 2020/Congress, State: FL), 'PA 2022' (Owner: fungifun, Modified: Nov 14, Plan: 2020/Congress, State: PA), and 'IL 2022' (Owner: fungifun, Modified: Nov 14, Plan: 2020/Congress, State: IL). The top navigation bar includes links for About Data, What's New, Feedback, Help, and Donate.

Map Search

Using the search box, enter your jurisdiction's name + 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.

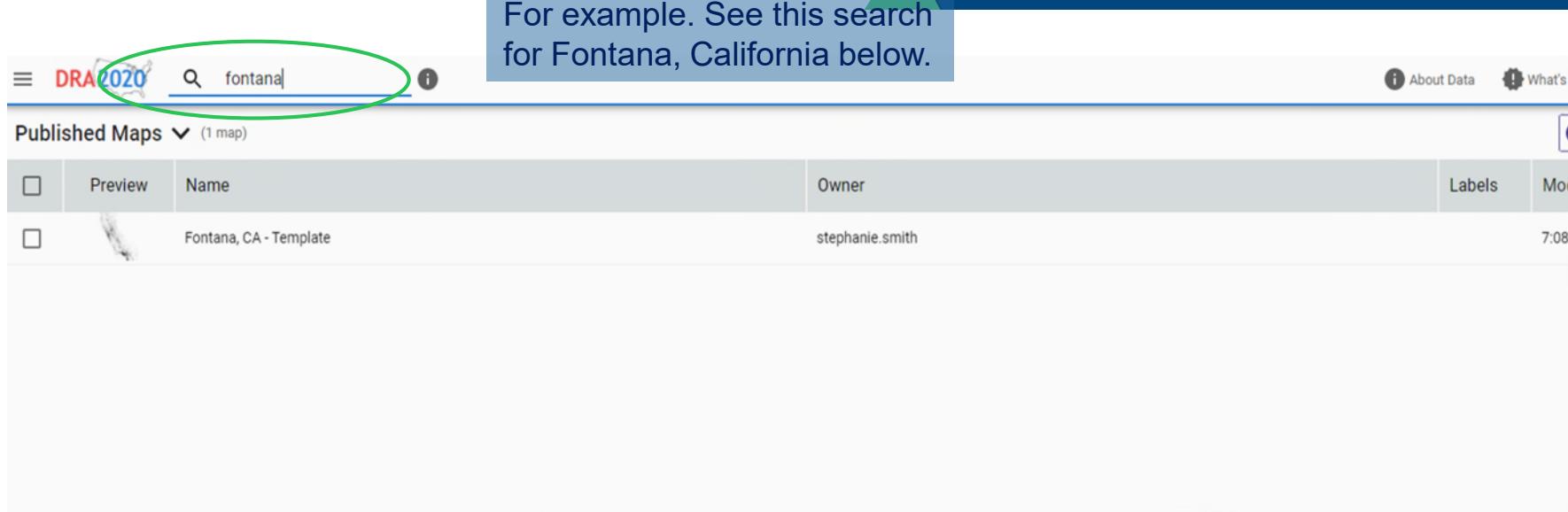


The screenshot shows the DRA 2020 website interface. At the top, there is a navigation bar with links for 'About Data', 'What's New', 'Feedback', 'Help', and 'Donate'. Below the navigation bar is a search bar with the placeholder 'Search and Filter Maps'. A green oval highlights this search bar. To the right of the search bar are buttons for 'View', 'Share', and 'Duplicate'. Below the search bar is a section titled 'Published Maps' with a dropdown menu showing '(16,452 maps)'. The main content area is a table listing 16,452 maps. The columns in the table are: Preview, Name, Owner, Labels, Modified (with a downward arrow), Plan, and State. The table lists various maps from different states and their creators, such as 'Ohio non-partisan congressional map' by MarcelloDiMaio, 'DE' by iantang314, 'Republican5' by minnesotadistricting, 'Twenty-nine Palms Blank Map' by info, 'WI best possible' by Redistrictinggeek, 'Manteca City Council javelina 1' by info, 'NV State Assembly (Proposed)' by eltrimble7, 'IL House' by jdratler, 'IL Senate' by jdratler, 'Fair IL State Senate' by samuel.shroff, 'California 2022 Congressional Districts' by Crossover1370, 'CA Map' by samuel.shroff, 'Florida Map' by lineb006, 'PA 2022' by fungifun, and 'IL 2022' by fungifun. The 'Modified' column shows the last update time, and the 'Plan' column indicates the type of map (e.g., '2020/Congress', '2020/Upper', '2020/Lower'). The 'State' column shows the jurisdiction for each map.

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
	Twenty-nine 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)	eltrimble7	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

Map Search

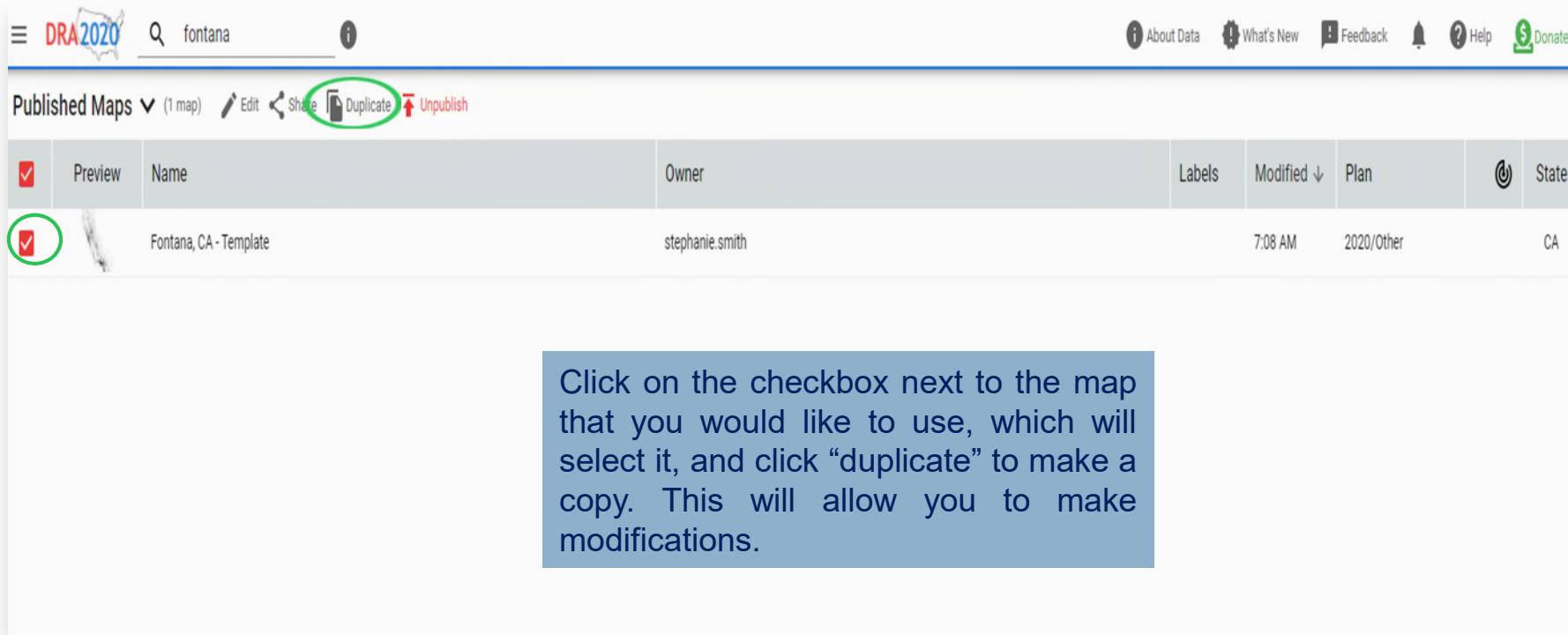
For example. See this search for Fontana, California below.



The screenshot shows a search interface for 'fontana' in a map application. A green oval highlights the search bar where 'fontana' is typed. The search results table shows one entry: 'Fontana, CA - Template' by 'stephanie.smith'.

<input type="checkbox"/>	Preview	Name	Owner	Labels	Mod
<input type="checkbox"/>		Fontana, CA - Template	stephanie.smith		7:08

Duplicate Map



Published Maps ▾ (1 map) [Edit](#) [Share](#) [Duplicate](#) [Unpublish](#)

<input checked="" type="checkbox"/>	Preview	Name	Owner	Labels	Modified	Plan	State
<input checked="" type="checkbox"/>		Fontana, CA - Template	stephanie.smith		7:08 AM	2020/Other	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.



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.



DRA 2020 Search and Filter Maps [About Data](#) [What's New](#) [Feedback](#) [Help](#) [Donate](#)

My Maps (8 maps) [Edit](#) [Share](#) [Duplicate](#) [Publish](#) [Delete](#) [Rename](#) [Label](#)

Preview	Name	Labels	Modified	Plan	State
<input checked="" type="checkbox"/>	Copy of Fontana, CA - Template		10:19 AM	2020/Other	CA



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

Edit Map

DRA 2020

Fontana ▾

1		
District Selector		
District Details		
1		
Total Population 2020		
	Pop	%
Total	10,489	100.0%
White	854	8.1%
Hispanic	8,485	80.9%
Black	422	5.9%
Asian	551	5.3%
Native	443	4.2%
Pacific	39	0.4%
Voting Age Pop 2020		
	Pop	%
Total	7,769	100.0%
White	728	9.4%
Hispanic	6,127	79.9%
Black	479	6.1%
Colors		
Districts	<input type="checkbox"/>	Only Current
<input checked="" type="checkbox"/> Map Colors	<input type="checkbox"/>	Partisan Lean
<input type="checkbox"/> Demographics	<input type="checkbox"/>	
Precincts		
<input type="checkbox"/> Partisan Lean		
<input type="checkbox"/> Demographics	<input type="checkbox"/>	
Opacity		
<input type="range"/>		
Overlays		
<input checked="" type="checkbox"/> Background Map		
<input type="checkbox"/> District Lines	<input type="checkbox"/> Labels	
<input checked="" type="checkbox"/> Precinct Lines	<input type="checkbox"/> Labels	<input type="checkbox"/>
<input type="checkbox"/> County Lines	<input type="checkbox"/> Labels	
<input type="checkbox"/> City Lines	<input type="checkbox"/> Labels	<input checked="" type="checkbox"/> Landmarks
Custom Overlays		

To zoom in and out use "+" & "-".

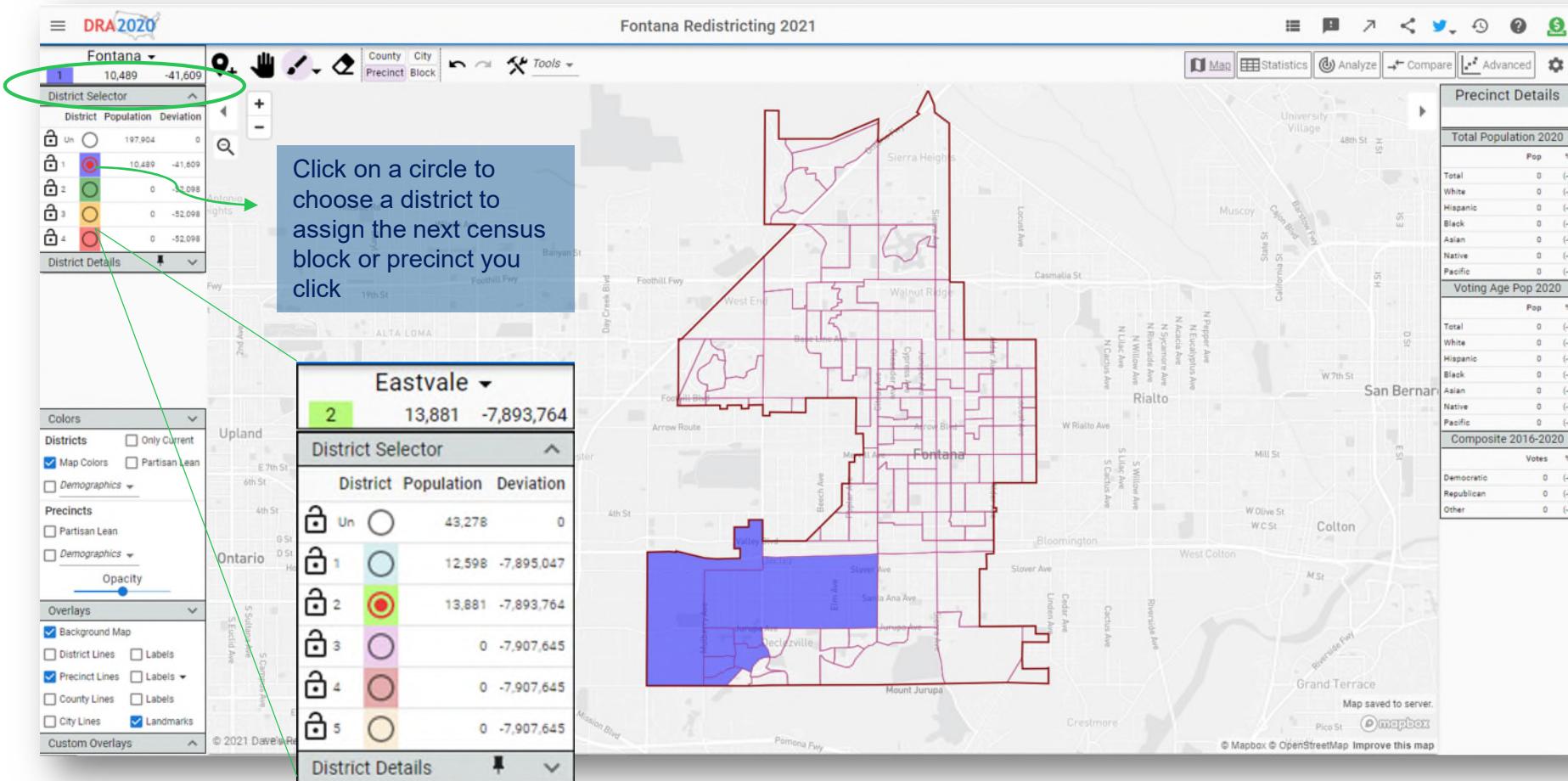
Fontana Redistricting 2021

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

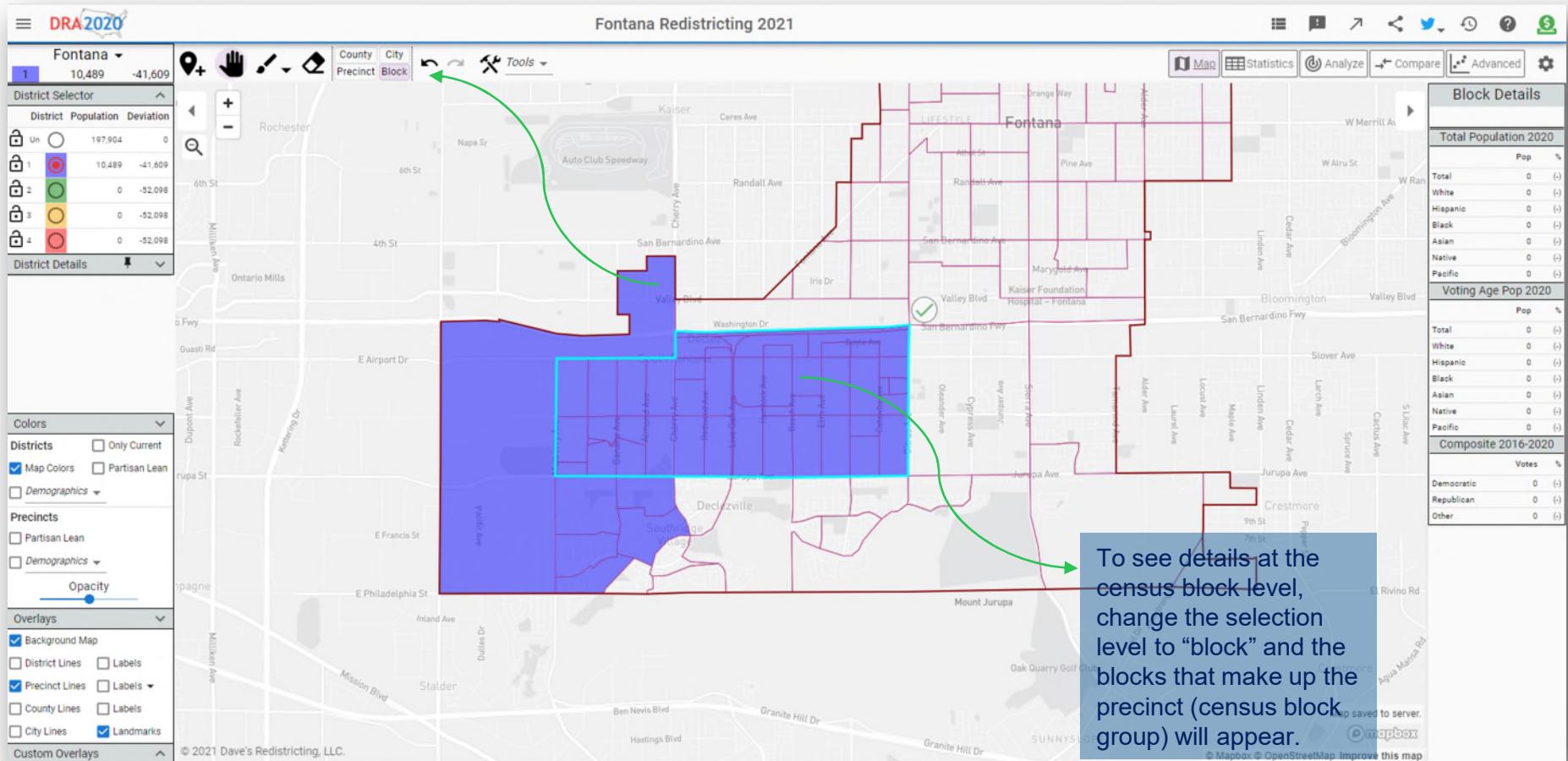
“hand” moves the screen around

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

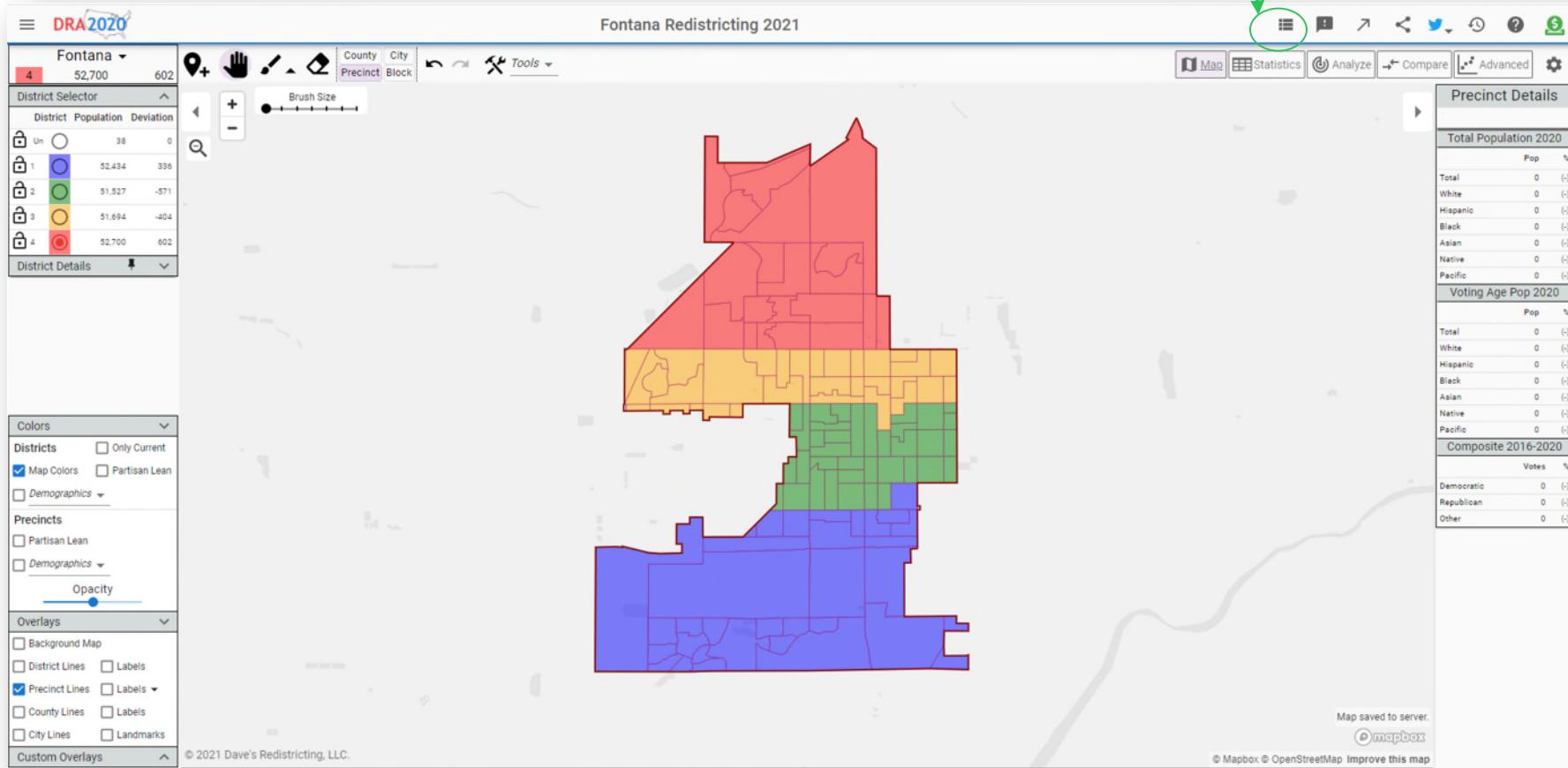


Edit Map Continued



Finalize Map

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



Finalize Map Continued

My Maps (8 maps)   

Preview Name

		Labels	Modified	Plan
<input checked="" type="checkbox"/>	Fontana Redistricting 2021		11:24 AM	68 2020/Other
<input type="checkbox"/>	Eastvale 1		7:40 AM	0 2020/Other
<input type="checkbox"/>	Palm Springs - Template		7:10 AM	2020/Other
<input type="checkbox"/>	Fontana, CA - Template		7:08 AM	2020/Other
<input type="checkbox"/>	Windsor, Sonoma County - Template		7:03 AM	0 2020/Other
<input type="checkbox"/>	Imperial CCD - Template		6:59 AM	2020/Other
<input type="checkbox"/>	Eastvale - Template		6:49 AM	0 2020/Other
<input type="checkbox"/>	Imperial Community College District		Nov 9	100 2020/Other

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

Publish Map

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

My Maps (8 maps) Preview Name

- Fontana Redistricting 2021
- Eastvale 1
- Palm Springs - Template
- Fontana, CA - Template
- Windsor, Sonoma County - Template
- Imperial CCD - Template
- Eastvale - Template
- Imperial Community College District

Publish Map

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.

Map Name

Description

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.

Twitter Handle

[CANCEL](#) [PUBLISH](#)

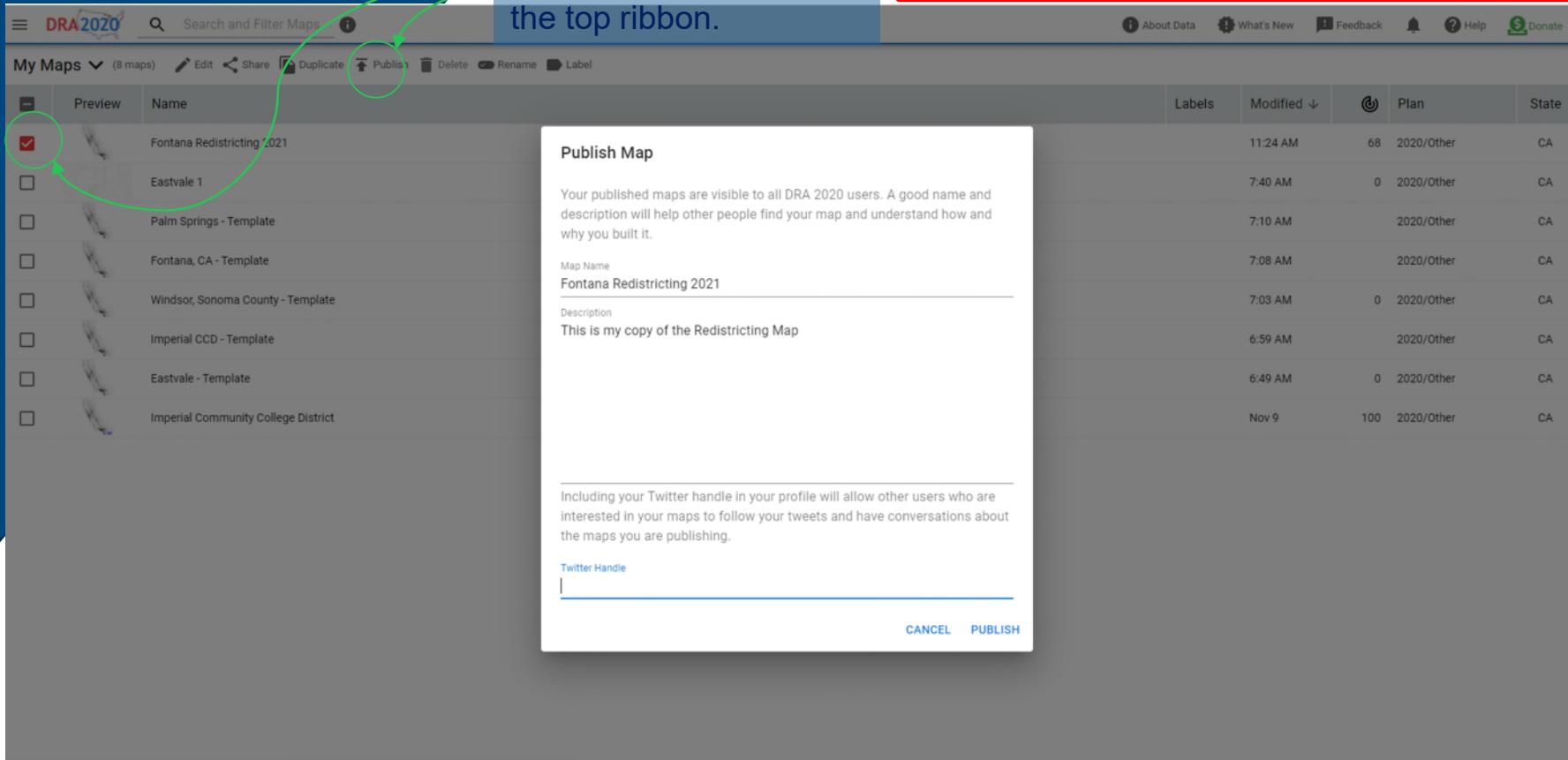
	Labels	Modified	Plan	State
		11:24 AM	68	2020/Other CA
		7:40 AM	0	2020/Other CA
		7:10 AM		2020/Other CA
		7:08 AM		2020/Other CA
		7:03 AM	0	2020/Other CA
		6:59 AM		2020/Other CA
		6:49 AM	0	2020/Other CA
		Nov 9	100	2020/Other CA

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

Publish Map

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

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.



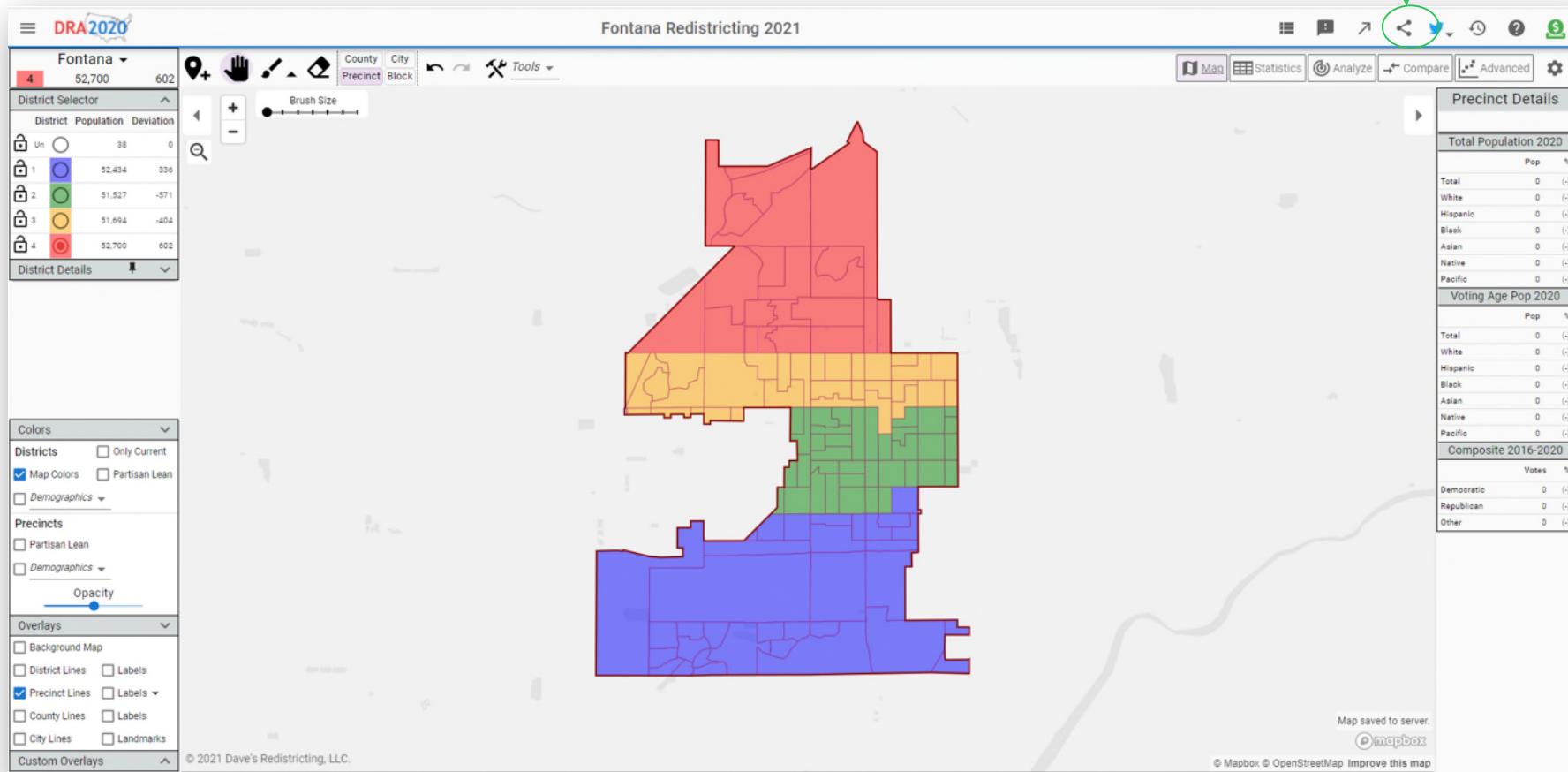
The screenshot shows the DRA 2020 software interface. On the left, a list of maps is displayed with a checkbox next to each. The first map, 'Fontana Redistricting 2021', has its checkbox checked and is highlighted with a green circle. A green arrow points from this circle to the 'Publish' button in the top ribbon. The top ribbon also includes 'Edit', 'Share', 'Duplicate', 'Delete', 'Rename', and 'Label' buttons. The 'Publish' button is highlighted with a green circle. The 'Publish Map' dialog box is open in the center, containing fields for 'Map Name' (set to 'Fontana Redistricting 2021') and 'Description' (set to 'This is my copy of the Redistricting Map'). Below these fields is a note about including a Twitter handle, followed by a 'Twitter Handle' input field and 'CANCEL' and 'PUBLISH' buttons. The background shows a table of map details with columns for 'Labels', 'Modified', 'Plan', and 'State'.

Labels	Modified	Plan	State
	11:24 AM	68	2020/Other
	7:40 AM	0	2020/Other
	7:10 AM		2020/Other
	7:08 AM		2020/Other
	7:03 AM	0	2020/Other
	6:59 AM		2020/Other
	6:49 AM	0	2020/Other
	Nov 9	100	2020/Other
			CA

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.

Share a Map

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



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 Fontana's redistricting process is redistricting 2021@fontana.org

