



# Redistricting Map Instructions

## City of Hemet



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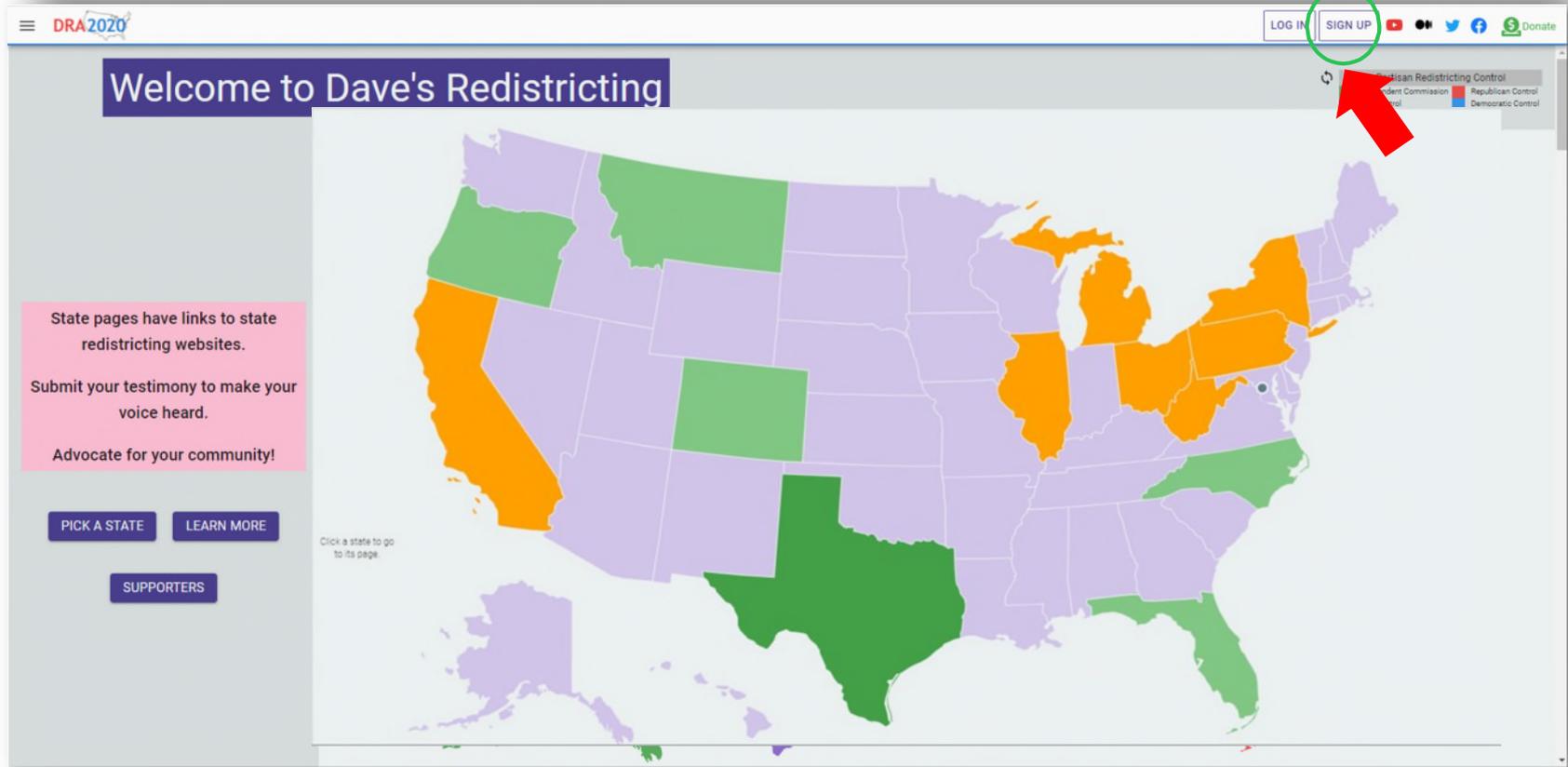
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# Getting Started

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

- Click on Sign-Up Button in the upper right hand corner



The screenshot shows the DRA2020 website. At the top left is the logo 'DRA2020'. At the top right are buttons for 'LOG IN' and 'SIGN UP', with the 'SIGN UP' button circled in green and a red arrow pointing to it. Below the navigation bar is a header 'Welcome to Dave's Redistricting'. On the left side, there is a pink box with text: 'State pages have links to state redistricting websites.', 'Submit your testimony to make your voice heard.', and 'Advocate for your community!'. Below this are buttons for 'PICK A STATE', 'LEARN MORE', and 'SUPPORTERS'. The main content area features a map of the United States with states colored by partisan control: green for Independent Commission, red for Republican Control, and blue for Democratic Control. A legend in the top right corner explains the color coding. A red arrow points from the 'SIGN UP' button to the map area.

# Sign up for a Free Account

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



# 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 ↑	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

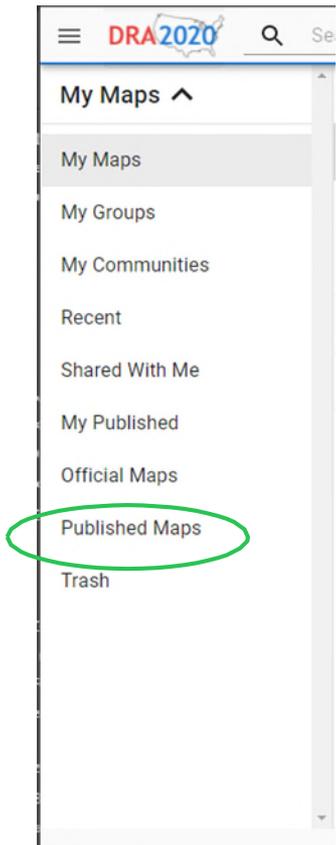
# Published Maps

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



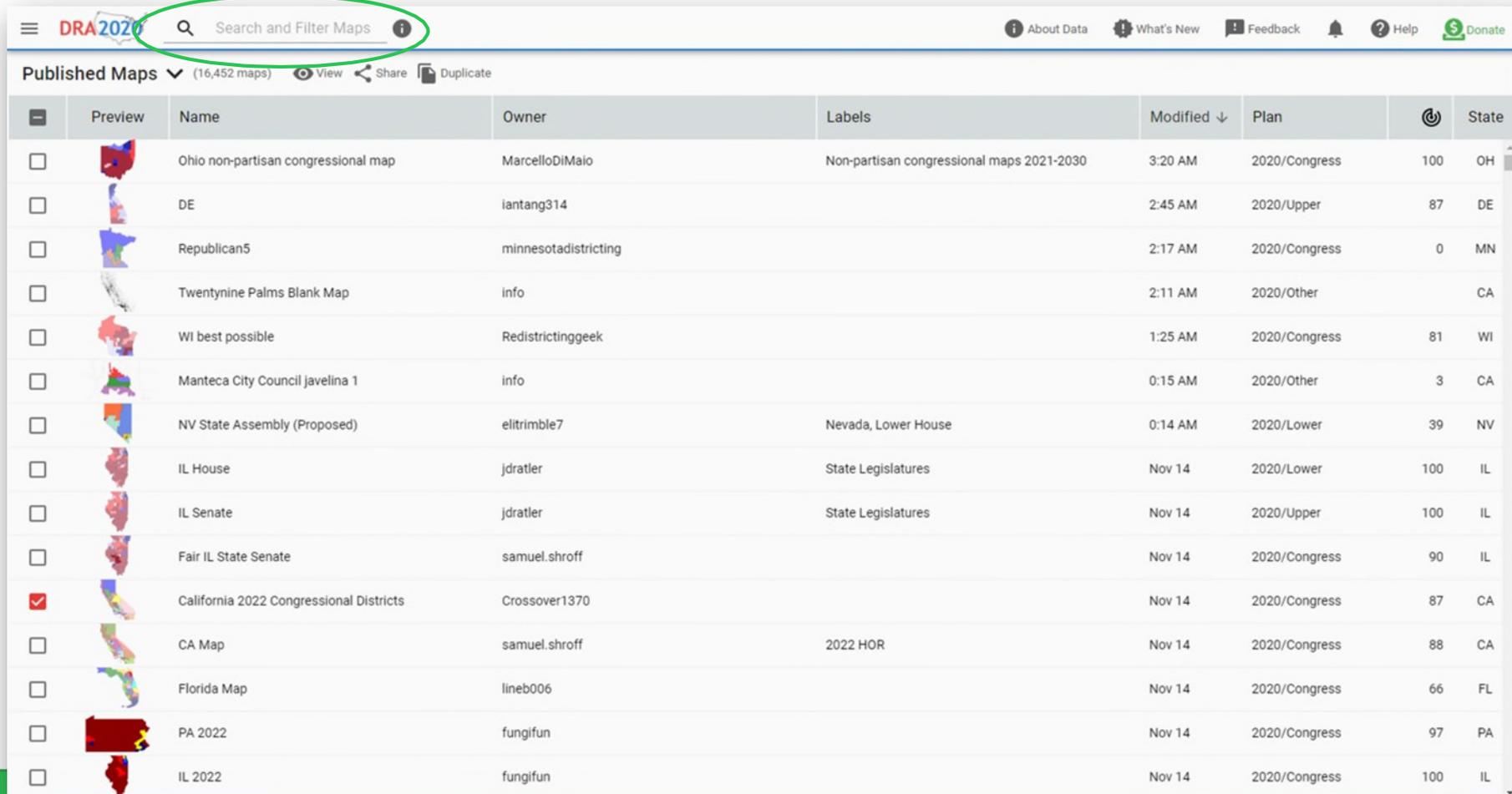
My Maps ▾

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



# Map Search

Using the search box, enter your jurisdiction's name + template (Hemet - 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 DRA2020 website interface. At the top left, there is a search bar with the text "Search and Filter Maps" and a magnifying glass icon. The search bar is highlighted with a green oval. To the right of the search bar, there are navigation links: "About Data", "What's New", "Feedback", "Help", and "Donate". Below the search bar, there is a section for "Published Maps" with a dropdown menu showing "(16,452 maps)" and icons for "View", "Share", and "Duplicate". The main content is a table of published maps with the following columns: Preview, Name, Owner, Labels, Modified, Plan, and State. The table lists various maps, including "Ohio non-partisan congressional map", "DE", "Republican5", "Twentynine Palms Blank Map", "WI best possible", "Manteca City Council javelina 1", "NV State Assembly (Proposed)", "IL House", "IL Senate", "Fair IL State Senate", "California 2022 Congressional Districts", "CA Map", "Florida Map", "PA 2022", and "IL 2022". The "California 2022 Congressional Districts" map is selected, indicated by a red checkmark in the Preview column.

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

# Map Search

The screenshot shows the ArcGIS Online interface. At the top left, the search bar contains the text "eastvale - template" and is circled in green. To the right of the search bar are links for "About Data", "What's New", "Feedback", and "Help". Below the search bar, there is a section for "My Maps" with a dropdown menu showing "1 map". To the right of this section are buttons for "New Map" and "New Community". Below this is a table with columns: "Preview", "Name", "Owner", "Labels", "Modified", and "Plan". The table contains one row with the following data:

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

Below the table, there is a large white area. A blue box with a white border is overlaid on this area, containing the text: "For example. See this search for Eastvale, California below."

# Duplicate Map



The screenshot shows the DRA2020 web interface. At the top, there is a search bar with 'Eastvale' entered. Below the search bar, there are navigation links: 'About Data', 'What's New', 'Feedback', 'Help', and 'Donate'. The main content area is titled 'Published Maps' and shows a table with one map entry. The 'Duplicate' button is circled in green, and a checkbox next to the map entry is also circled in green.

<input checked="" type="checkbox"/>	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”



# 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

The screenshot displays the DRA2020 software interface for editing a map. The main window shows a map of Eastvale with district boundaries. On the left, there is a 'District Selector' table and a 'Colors' panel. The 'Colors' panel has an 'Overlays' section where 'Background Map' is checked. A blue callout box points to this checkbox with the text: "Next, click on the background map in the Overlay box. This is located in the lower left corner and will allow you to view streets." At the top right, a gear icon is highlighted with a red box and a yellow callout box that says: "First, click on the gear icon to reapply the Agency settings to your map. Then select Apply". A black callout box points to the gear icon and contains a 'Map Settings' dialog box. In this dialog, the 'APPLY' button is circled in green. On the right side of the interface, there is a 'Precinct Details' table.

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	(-)



# Edit Map – custom overlays

**DRA2020** Desert Water Agency Template-2

Riverside 0 -19,317

County Precinct City Block Tools

Map Statistics Analyze Compare Advanced

District	Population	Deviation
Un	2,417,498	0
1	0	-19,317
2	0	-19,317
3	0	-19,317
4	0	-19,317
5	0	-19,317

**Custom Overlays**

Overlays

- Background Map
- District Lines  Labels
- Precinct Lines  Labels
- County Lines  Labels
- City Lines  Landmarks

Apply to All Overlays

Line Width 1 >

Line Color [Black] >

Line Opacity 0.5 >

Fill Color [Green] >

Fill Opacity 0.25 >

DWA\_Existing\_District [Icon] >

Palm\_Springs\_Neighb [Icon] >

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



# Edit Map

The screenshot displays the DRA2020 web application interface. The title bar reads "Copy of Eastvale - Template". The top navigation bar includes icons for home, search, and user profile. The main interface is divided into several sections:

- Left Panel:** "District Selector" showing a list of districts (1-5) with their respective populations and deviations. "District 1" is selected. Below it is the "District Details" section.
- Top Bar:** "County" and "City" dropdowns, and a "Block" button circled in green. A blue callout box points to this button with the text: "Click on 'Block' in the Tool Bar directly above the map to be able to view Census Blocks, the smallest unit of measurement and the click on an area in the map."
- Map:** A street map of Eastvale with census blocks highlighted in pink. A blue callout box points to a specific block with the text: "Census blocks within the blue highlighted area on the map should appear after clicking."
- Right Panel:** "Block Details" section containing two tables: "Total Population 2020" and "Voting Age Pop 2020".
- Bottom Left:** "Colors" and "Overlays" sections. The "Overlays" section has "Background Map" checked, and "Precinct Lines" and "Landmarks" also checked.

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	(-)



# Edit Map

Copy of Eastvale - Template

Eastvale

2 0 -7,907,645

District Selector

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

District Details

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
Un	43,278	0
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

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 Data

© Mapbox © OpenStreetMap Improve this map



# Edit Map

**Copy of Eastvale - Template**

Eastvale 2 0 -7,907,645

County City Precinct Block Tools

Map Statistics Analyze Compare Advanced

**District Selector**

District	Population	Deviation
Un	69,757	0
1	0	-7,907,645
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

© 2021 Dave's Redistricting, LLC.

Map saved to server. © Mapbox © OpenStreetMap Improve this 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	(-)

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.



# Editing Tips

- The target population for each district is 18,070. 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.



# 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). The City of Hemet does have one non-contiguous block, and it is impossible to draw a completely contiguous map. With the exception of that one block, all other districts must be 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%. *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.

The screenshot displays the DRA2020 software interface for 'Eastvale Redistricting Map 1'. The top ribbon contains several icons, with the 'Maps' icon (a grid of squares) circled in green. The left sidebar features a 'District Selector' table with columns for District, Population, and Deviation. The central map area shows a redistricting plan with colored precincts. The right sidebar contains 'Precinct Details' and 'Composite 2016-2020' tables.

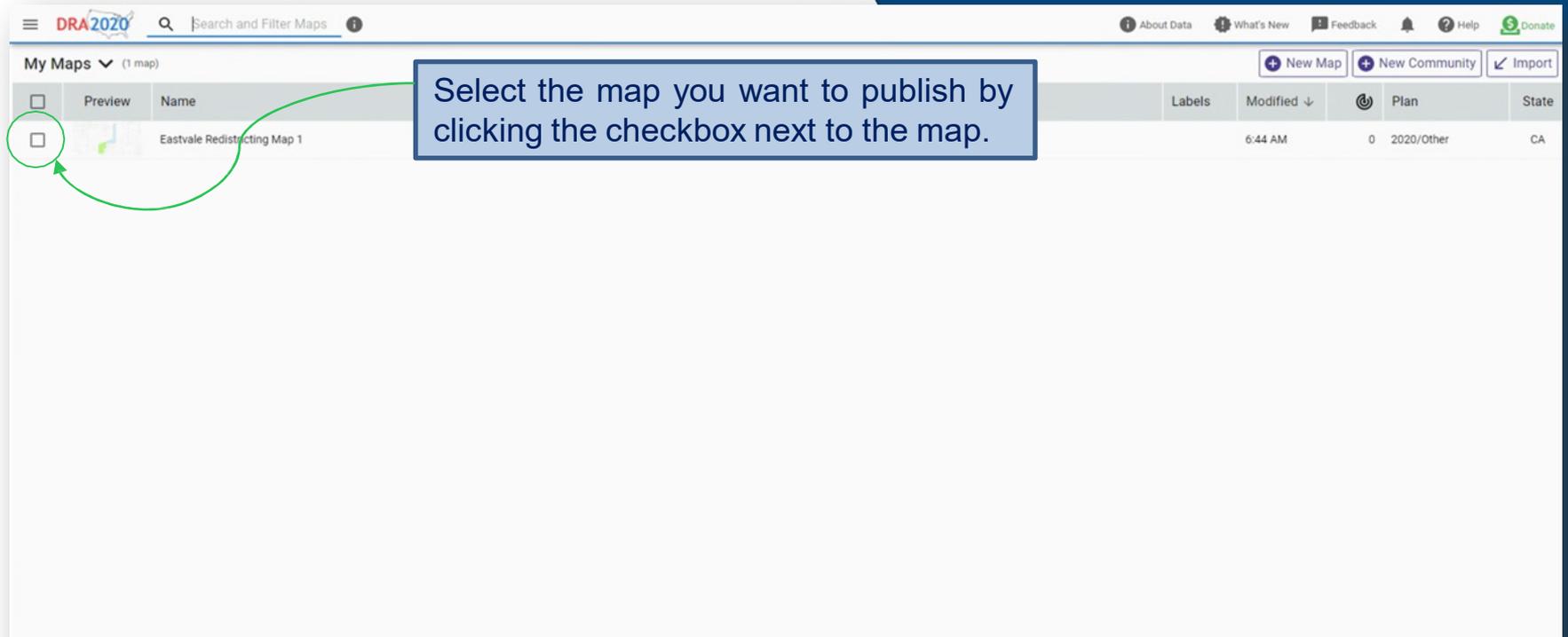
District Selector		
District	Population	Deviation
Un	0	0
1	22,934	-7,884.711
2	13,881	-7,893.764
3	22,011	-7,885.634
4	2,593	-7,905.052
5	8,338	-7,899.307

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	(%)

# Finalize Map



The screenshot shows the DRA2020 web interface. At the top, there is a search bar labeled "Search and Filter Maps" and a navigation menu with links for "About Data", "What's New", "Feedback", "Help", and "Donate". Below the search bar, there is a "My Maps" section with a dropdown arrow and "(1 map)". A table lists the map "Eastvale Redistricting Map 1". A green circle highlights the checkbox in the "Preview" column for this map, with a blue callout box pointing to it. The table has columns for "Preview", "Name", "Labels", "Modified", "Plan", and "State".

Preview	Name	Labels	Modified	Plan	State
<input type="checkbox"/>	Eastvale Redistricting Map 1		6:44 AM	0 2020/Other	CA

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

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

# 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 'My Maps' interface for DRA2020. The top ribbon contains icons for Edit, Share, Duplicate, Publish, Delete, Rename, and Label. The 'Publish' icon is circled in green. Below the ribbon, a table lists maps, with the first map 'Eastvale Redistricting Map 1' selected and its checkbox also circled in green. A 'Publish Map' dialog box is open in the foreground, containing the following text:

**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  
Eastvale Redistricting Map 1

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

This is your last opportunity to update the name of 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 share the map directly with your jurisdiction.

The screenshot displays the DRA2020 software interface for "Eastvale Redistricting Map 1". The interface includes a top navigation bar with a menu icon, the title "DRA2020", and the map title "Eastvale Redistricting Map 1". On the right side of the top bar, there are icons for home, print, share, and other functions. A green callout box points to the share icon. Below the top bar is a toolbar with icons for map, statistics, analyze, compare, and advanced options. The main map area shows a map of Eastvale with several colored districts: a light blue district at the top, a green district on the left, a pink district in the middle, and a red district at the bottom. The left sidebar contains a "District Selector" table, a "Colors" panel with checkboxes for "Map Colors", "Partisan Lean", "Demographics", "Precincts", and "Overlays", and a "Custom Overlays" section. The right sidebar contains "Precinct Details" tables for "Total Population 2020", "Voting Age Pop 2020", and "Composite 2016-2020".

District	Population	Deviation
4	2,593	-7,905,052
1	22,934	-7,884,711
2	13,881	-7,893,764
3	22,011	-7,885,634
5	8,338	-7,899,307

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 (-)



# 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 for Hemet's demographer is [Stephanie.Smith@bbklaw.com](mailto:Stephanie.Smith@bbklaw.com)

Share Map

Copy and then share this URL.

URL  
<https://davesredistricting.org/join/2d1f0f07-b8cf-427b-b134-e8409701b23c>

Allow Editing

REVOKE SHARING COPY DISMISS

