



Redistricting Map Instructions

City of Hanford



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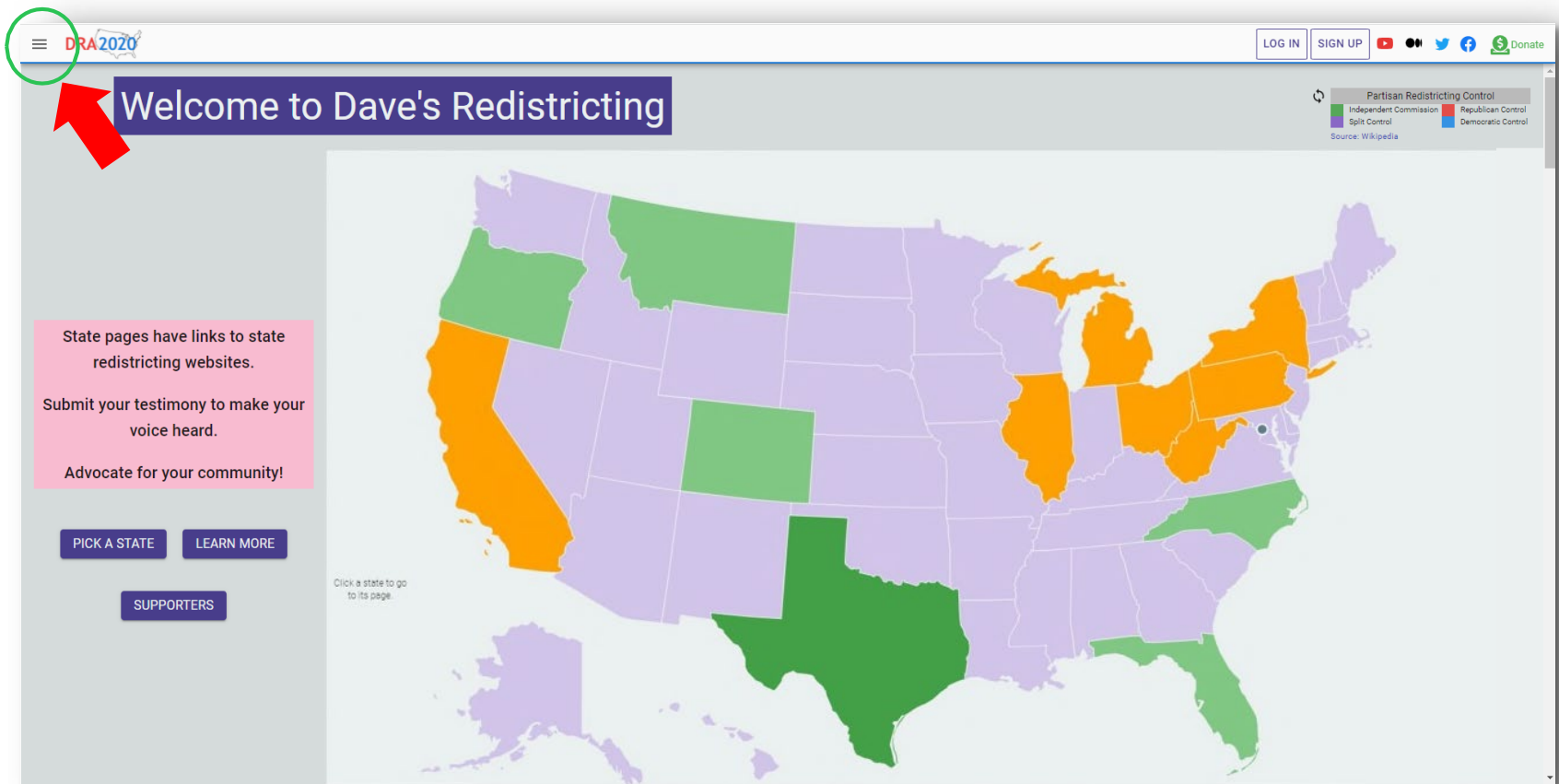
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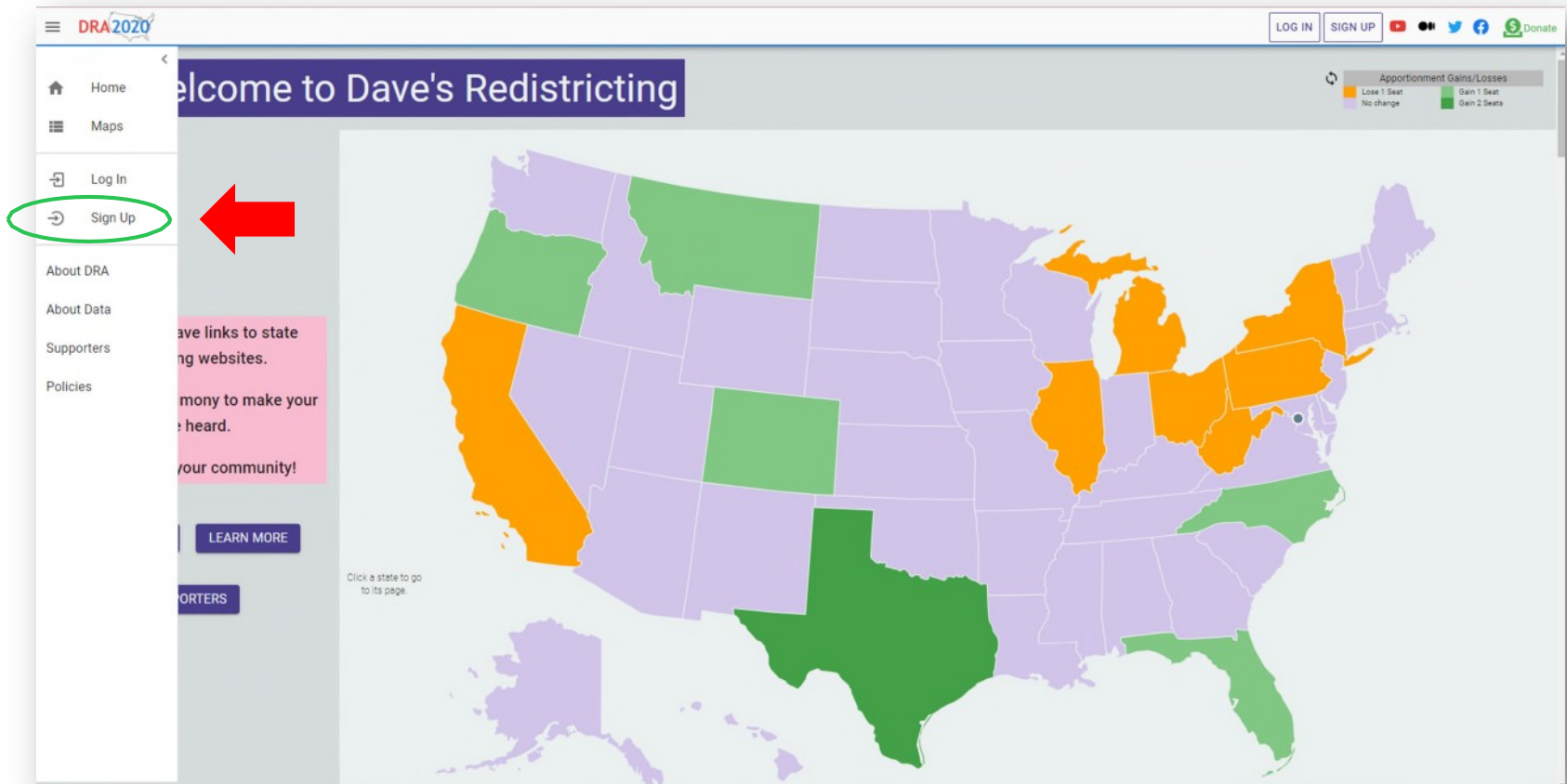
Getting Started

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

- Click on menu bar in upper left corner.



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Sign up for a Free Account


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



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Draft Maps

 Search and Filter Maps 

LOG IN SIGN UP 

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Sign Up

About DRA
About Data
Supporters
Policies

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.

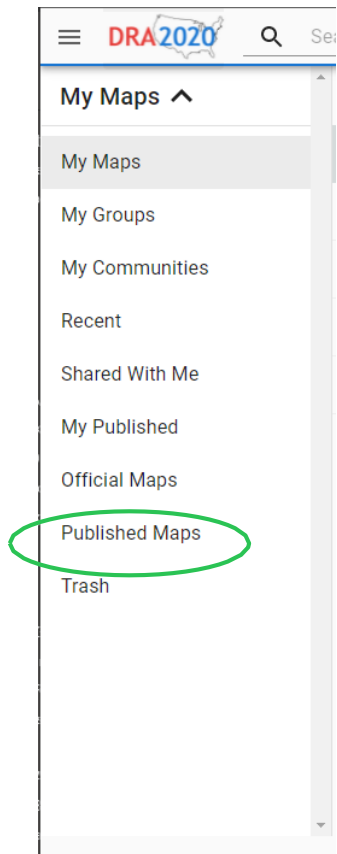
| Name ↑ | Modified | Plan | | State |
|---------------------------|--------------|---------------|-----|-------|
| AK 2018 Lower State House | May 2 | 2010 | 100 | AK |
| AK 2018 Upper State House | Feb 27, 2020 | 2010 | 81 | AK |
| AK 2020 State House | Nov 9 | 2020/Lower | 100 | AK |
| AK 2020 State 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 (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.

DRAPEDIA Search and Filter Maps

Published Maps (16,452 maps) View Share Duplicate

| | 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 | lantang314 | | 2:45 AM | 2020/Upper | 87 | DE |
| <input type="checkbox"/> | | Republican5 | minnesotadistricting | | 2:17 AM | 2020/Congress | 0 | 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 | 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 the ArcGIS Online interface. At the top left, the 'A2020' logo is visible. A search bar contains the text 'eastvale - template', and this search bar is circled in green. To the right of the search bar is an information icon. The top right of the interface features links for 'About Data', 'What's New', 'Feedback', a notification bell, and a 'Help' link. Below the search bar, the 'My Maps' section shows a dropdown menu with '(1 map)' and buttons for '+ New Map' and '+ New Community'. A table lists the map 'Eastvale - Template' by 'stephanie.smith', with columns for 'Preview', 'Name', 'Owner', 'Labels', 'Modified', and 'Plan'. The 'Modified' column shows '6:49 AM' and '2020/Other'. A blue-bordered text box is overlaid on the map area, containing the text: 'For example. See this search for Eastvale, California below.'

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

Duplicate Map



The screenshot shows the DRA2020 web application. At the top, there's a navigation bar with the DRA2020 logo, a search bar containing 'Eastvale', and links for 'About Data', 'What's New', 'Feedback', 'Help', and 'Donate'. Below the navigation bar, there's a 'Published Maps' section with a dropdown menu showing '(1 map)'. To the right of this are icons for 'View', 'Share', and 'Duplicate'. The 'Duplicate' icon is circled in green. Below this is a table of published maps. The first row shows a map named 'Eastvale 1' by 'stephanie.smith'. The checkbox in the first column of this row is 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 |

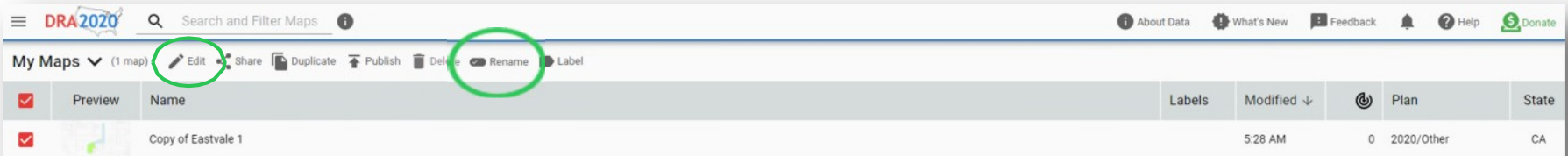
Click on the checkbox next to the map that you would like to use, which will select it, and click “duplicate” to make a copy. This will allow you to make modifications.

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



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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

The screenshot displays the DRA2020 software interface for editing a map titled "Copy of Eastvale - Template". The interface includes a top navigation bar with icons for Map, Statistics, Analyze, Compare, and Advanced. A left sidebar contains a "District Selector" table and a "Colors" section with an "Overlays" list. A central map area shows a grid of districts. A right sidebar displays "Precinct Details" with population and voting age data. A "Map Settings" dialog box is open, showing options for Data Selector, Primary Datasets, and Color Map from File. A green circle highlights the "APPLY" button in the dialog. A yellow callout box points to the gear icon in the top right, and a blue callout box points to the "Background Map" checkbox in the Overlays list.

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

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.

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**

| 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 |

| 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

Eastvale 1 0 -7,907,645

County City Block

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 | (-) |

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.

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

Map saved to server.

© 2021 D

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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

Colors

Overlays

☒ Background Map

☐ District Lines ☐ Labels

☒ Precinct Lines ☐ Labels

☐ County Lines ☐ Labels

☐ City Lines ☒ Landmarks

Custom Overlays

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.

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Edit Map

Copy of Eastvale - Template

Eastvale 2 0 -7,907,645

County City Precinct Block Tools

Map Statistics Analyze Compare Advanced

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.

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 | (-) |

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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.



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.

The screenshot shows the DRA2020 software interface. The top ribbon contains icons for Maps, Statistics, Analyze, Compare, and Advanced. A green arrow points from the text box to the 'Maps' icon. The main map area displays 'Eastvale Redistricting Map 1' with a map of Eastvale, CA, divided into colored districts. The left sidebar shows the 'District Selector' with a table of districts and their populations. The right sidebar shows 'Precinct Details' with tables for 'Total Population 2020', 'Voting Age Pop 2020', and 'Composite 2016-2020'.

| 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 |

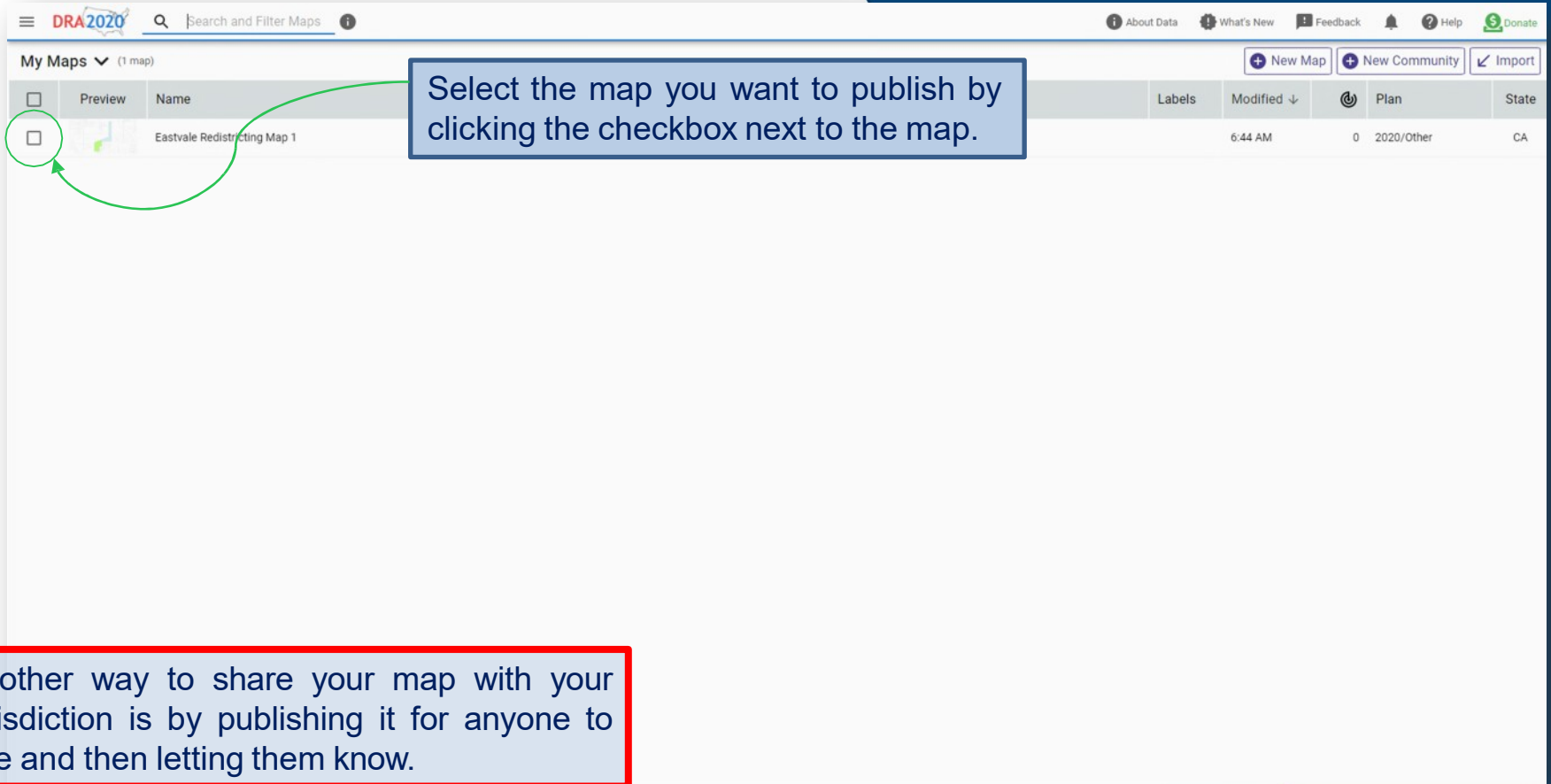
| Total Population 2020 | | |
|-----------------------|-----|-----|
| | Pop | % |
| Total | 0 | (-) |
| White | 0 | (-) |
| Hispanic | 0 | (-) |
| Black | 0 | (-) |
| Asian | 0 | (-) |
| Native | 0 | (-) |
| Pacific | 0 | (-) |

| 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 'My Maps' section of the DRA2020 website. A table lists the user's maps. The first map, 'Eastvale Redistricting Map 1', has a green circle around its checkbox. A blue callout box points to this checkbox with the text: 'Select the map you want to publish by clicking the checkbox next to the map.'

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

Another 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' section of the DRA2020 website. A modal titled 'Publish Map' is open in the center. The modal contains the following text and fields:

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

The background interface shows a table of maps with columns: Labels, Modified, Plan, and State. The first map listed is 'Eastvale Redistricting Map 1'.

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 shows the DRA2020 web application interface for Eastvale Redistricting Map 1. The interface includes a map of Eastvale with various districts highlighted in different colors (green, yellow, orange, red, purple, blue). On the left, there is a 'District Selector' panel with a table of districts and their populations. On the right, there is a 'Precinct Details' panel with tables for 'Total Population 2020', 'Voting Age Pop 2020', and 'Composite 2016-2020'. The top right corner of the map interface features a share icon, which is highlighted by a green arrow from the text box above. The bottom of the interface shows a copyright notice for Dave's Redistricting, LLC and a Mapbox logo.

| 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 |

| 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 the City's demographer is Stephanie.Smith@bbklaw.com

Eastvale 1

County City Precinct Block

Tools

Map Statistics Analyze Compare

Share Map

Copy and then share this URL.

URL

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

☐ Allow Editing

REVOKE SHARING COPY DISMISS

Map saved to server



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