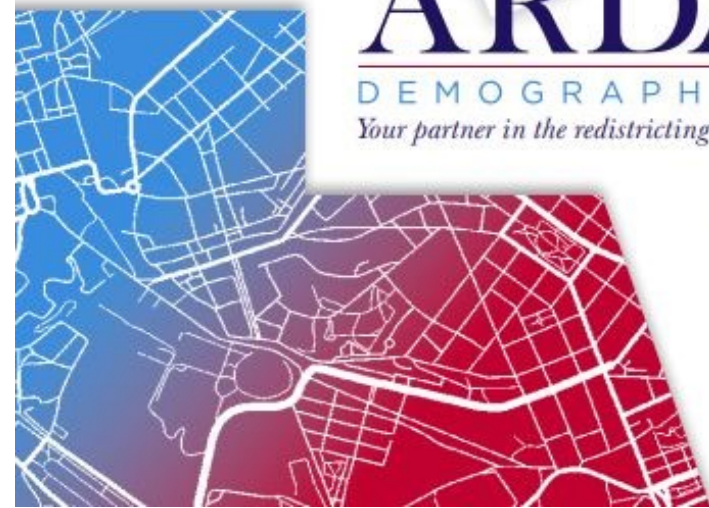


Dave's Redistricting Tutorial

By: ARDA Demographics



How to start Dave's Redistricting

Welcome to Dave's Redistricting

Step 1: Go to the page <https://davesredistricting.org>

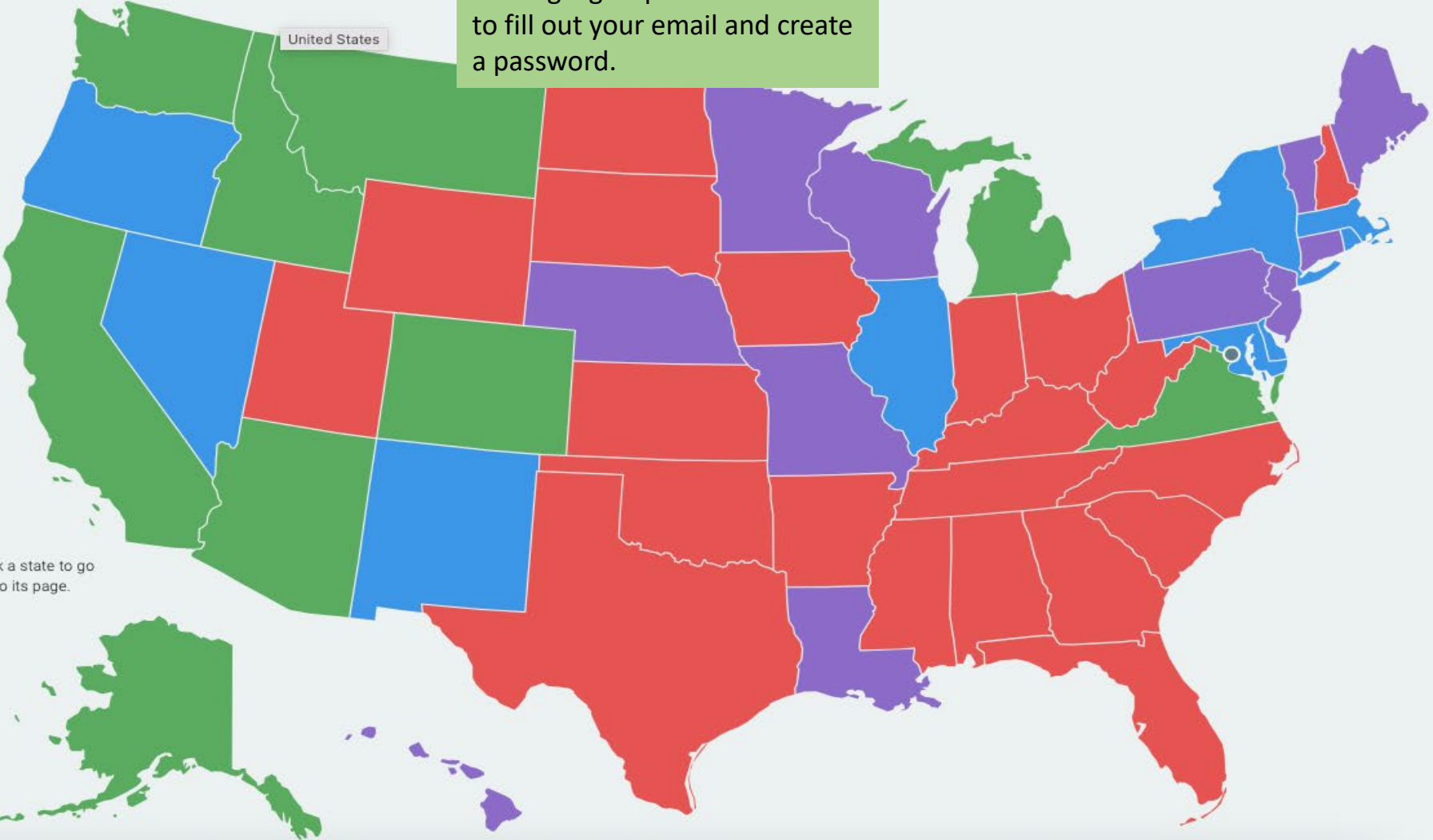
Step 2: Create an account by clicking Sign Up. You will need to fill out your email and create a password.



Partisan Redistricting Control

- Independent Commission
- Split Control
- Republican Control
- Democratic Control

Source: Wikipedia



Click a state to go to its page.

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

How to Begin

After you log in, click link on city's website to bring up a copy of a blank map. You will start in "View only" mode. Click the paintbrush next to "View Only" button to create an editable version.

Chico Map

View Only County City Precinct Block Tools

Map Statistics Analyze Compare Advanced

District	Population	Deviation
Un	101,823	0
1	0	-14,546
2	0	-14,546
3	0	-14,546
4	0	-14,546
5	0	-14,546
6	0	-14,546
7	0	-14,546

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

Citizen VAP 2019		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Colors
Overlays
 Background Map
 District Lines Labels
 Precinct Lines Labels
 County Lines Labels
 City Lines Landmarks
Custom Overlays

© 2021 Dave's Redistricting, LLC. © Mapbox © OpenStreetMap Improve this map

How to Begin

Chico 0 -14,546

1 0 -14,546

District	Population	Deviation
Un	101,823	0
1	0	-14,546
2	0	-14,546
3	0	-14,546
4	0	-14,546
5	0	-14,546
6	0	-14,546
7	0	-14,546

County City
Precinct Block

Tools

Map Statistics Analyze Compare Advanced

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

Census Total Pop (Adj) 2020
Latest = Total Population 2020

Voting Age Citizen VAP 2019
Latest = Voting Age Pop 2020

Display or Hide Datasets

Show or hide datasets in the Details panels. These choices are for **viewing only** and are not used by District Statistics, Demographics Colors or Partisan Lean Colors.

Choose Datasets

Hide Election Data and Partisan Analytics

Color Map from File

APPLY CANCEL

© 2021 Dave's Redistricting, LLC.

The primary datasets to use are Total Pop (Adj) 2020 and Citizen VAP 2019. These are the two main metrics used to make sure a map is legally compliant.

The Overlays option allows you to view streets and add labels. Click on the boxes to add in items you would like to view.

Dave's Redistricting Details

Chico 0 -14,546

District Selector

District	Population	Deviation
Un	101,823	0
1	0	-14,546
2	0	-14,546
3	0	-14,546
4	0	-14,546
5	0	-14,546
6	0	-14,546
7	0	-14,546

District Details

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

Citizen VAP 2019	
	Pop %
Total	0 (0)
White	0 (0)
Hispanic	0 (0)
Black	0 (0)
Asian	0 (0)
Native	0 (0)
Pacific	0 (0)

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

© Mapbox © OpenStreetMap Improve this map

Use eraser to undo any assignments.

Use + or - to zoom in or out.

Use the "hand" to move the screen around, the "paint brush" to color in block groups or blocks with your preferred district.

Click on the circle to choose which district you would like to draw. Remember all district must be contiguous.

Click "District Details" to get a running total on the district you are drawing.

Precinct details gives you population details of the precinct(block group) or block you are currently drawing.

Dave's Redistricting Details

Copy of Chico Map

Chico 14,634 88

District Selector

District	Population	Deviation
Un	87,189	88
1	14,634	88
2	0	-14,546
3	0	-14,546
4	0	-14,546
5	0	-14,546
6	0	-14,546
7	0	-14,546

District Details

Colors

Overlays

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

Custom Overlays

Precinct Details

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

Citizen VAP 2019

Citizen VAP 2019		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Map saved to server.

© 2021 Dave's Redistricting, LLC. © Mapbox © OpenStreetMap Improve this map

This is how the map should look as you progress with creating a map.

Dave's Redistricting Details

Chico 14,634 88

County Precinct City Block

Tools

Map Statistics Analyze Compare Advanced

District	Population	Deviation
Un	87,189	88
1	14,634	88
2	0	-14,546
3	0	-14,546
4	0	-14,546
5	0	-14,546
6	0	-14,546
7	0	-14,546

Block Details		
Total Pop (Adj) 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Citizen VAP 2019		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Colors

Overlays

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

Custom Overlays

Map saved to server.

© 2021 Dave's Redistricting, LLC.

© Mapbox © OpenStreetMap Improve this map

You can select "Block" level if you wish to split precincts/block groups. This allows you to draw a district at a more detailed level. When you click on a specific precinct, it will split up into blocks that you can color in individually.

Dave's Redistricting Details

The screenshot displays the 'Copy of Chico Map' interface. The top navigation bar includes the 'DRA2020' logo, a hamburger menu, and various utility icons. The main map area shows a redistricting plan for Chico, with districts color-coded: District 1 (blue), District 2 (green), District 3 (purple), District 4 (red), District 5 (yellow), District 6 (teal), and District 7 (orange). District 5 is highlighted with a red border and a red dot in the District Selector table.

Left Panel: District Selector

District	Population	Deviation
Un	206	0
1	14,634	88
2	14,766	220
3	14,946	400
4	14,495	-51
5	14,857	311
6	14,757	211
7	13,162	-1,384

Right Panel: Precinct Details

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

Citizen VAP 2019		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Annotations:

- Top Right:** Click tools to check compliance. It will check to make sure you have not missed a block or block group or if the districts are contiguous. If it does not allow you to click on it, it means the map is compliant.
- Left Side:** When you complete a district, lock it if you do not wish to make anymore changes. You can unlock it if you wish to make changes.
- Bottom Right:** Completed map should look like this. This is just a demonstration map only.

Bottom Panel: Colors and Overlays

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

Footer: © 2021 Dave's Redistricting, LLC. Map saved to server. mapbox © Mapbox © OpenStreetMap Improve this map

Dave's Redistricting Details

The screenshot displays the Dave's Redistricting software interface for Chico, CA. The main map shows the city's precincts with a red outline indicating the current district configuration. The interface includes a top navigation bar with the 'DRA2020' logo and 'Copy of Chico Map' title. On the left, there is a 'District Selector' panel with a table of district options and a 'District Details' panel. The bottom left features 'Colors' and 'Overlays' panels. On the right, a 'Map Settings' panel is open, showing configuration options for the map, including the number of districts and population targets. Four green callout boxes provide instructions: 'Click on map settings' points to the top right; 'You can also change the Number of districts you want to draw. Follow instructions on the right.' points to the 'District Count' field; 'Change the number to whatever amount of districts you want.' points to the 'Districts Have Equal Population' checkbox; and 'Click apply to confirm the number you choose.' points to the 'APPLY' button.

District Selector

District	Population	Deviation
Un	101,823	0
1	0	-14,546
2	0	-14,546
3	0	-14,546
4	0	-14,546
5	0	-14,546
6	0	-14,546
7	0	-14,546

Map Settings

Name: Copy of Chico M
State: California
Shapes: 2020 Precincts
Plan Type: Other
Restrict To: Chico
District Count: 7
Districts Have Equal Population: Change Palette

Label	Color	Target Pop
1	Blue	14546
2	Green	14546
3	Purple	14546
4	Red	14546
5	Yellow	14546
6	Teal	14546
7	Orange	14546

Overlays

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

Map Settings

APPLY CANCEL

Dave's Redistricting Details

Chico

Un 206 206

District Selector

District	Population	Deviation
Un	206	0
1	14,634	88
2	14,766	220
3	14,946	400
4	14,495	-51
5	14,857	311
6	14,757	211
7	13,162	-1,384

District Details

City Details

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

Citizen VAP 2019

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

Set Name and Description

Set the name and description for your map.

Map Name
Copy of Chico Map

Description
Create your own redistricting map through this official tool.

CANCEL SUBMIT

Be sure to change the name and add a description below explaining the map proposal you just created.

Map saved to server.

© 2021 Dave's Redistricting, LLC.

© Mapbox © OpenStreetMap Improve this map

Submitting Your Map

My Maps (1 map) Edit Share Duplicate Publish Delete Rename Label Groups

<input checked="" type="checkbox"/>	Preview	Name	Labels	Modified ↓		Plan	State
<input checked="" type="checkbox"/>		Montebello Proposal		5:34 PM	100	2020/Other	CA

There are two ways to share your maps. First click on the box so it is checked. Then you can either “Share” it directly with the demographer and the city or you can publish it. Publishing it will make your map public for anyone to view and could also be shared on your Twitter handle.

Sharing Your Map

The screenshot shows the top navigation bar with the 'DRA2020' logo, a search bar, and utility links like 'About Data', 'What's New', 'Feedback', 'Help', 'Donate', and a user profile icon. Below the navigation is a toolbar with 'My Maps (2 maps)', 'Edit', 'Share', 'Duplicate', 'Publish', 'Delete', 'Rename', 'Label', and 'Groups'. A table lists two maps: 'Chico Proposal' and 'Montebello Proposal'. The 'Share' button is highlighted with an arrow pointing to a callout box.

	Preview	Name	Labels	Modified ↓		Plan	State
<input checked="" type="checkbox"/>		Chico Proposal		3:36 PM	0	2020/Other	CA
<input type="checkbox"/>		Montebello Proposal		Nov 26, 2021	100	2020/Other	CA

To share with the city and demographer, click share and the box to the right will pop up.

The 'Share Map' dialog box contains the text 'Copy and then share this URL.' followed by a URL: <https://davesredistricting.org/join/c0c3eb53-bba7-41f4-afcd-bda29aa609b6>. There is an unchecked checkbox for 'Allow Editing'. At the bottom are three buttons: 'REVOKE SHARING', 'COPY', and 'DISMISS'. An arrow points from the 'COPY' button to a second callout box.

After the box pops up, click copy. This will copy the link to the clip board. Paste it in the body of an email and send to Re-DistrictingEmails@chicoca.gov

Publishing Your Map

My Maps (1 map) Edit Share Duplicate Publish Delete Rename Label Groups

Preview	Name	Labels	Modified	Plan	State
<input checked="" type="checkbox"/>	Chico Proposal		3:36 PM	0 2020/Other	CA

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
Chico Proposal

Description
Create your own redistricting map through this official tool.

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

Check your name and description and add in a Twitter handle if you wish. This will alert you if others discuss your plan. Click Publish once you are ready.

Note: You must email with the map name you just published so we know to look for it on Dave's Redistricting.

More details and features are available on
<https://davesredistricting.org>