

Dave's Redistricting App User Guide

ndcresearch.com/daves-redistricting-app-user-guide/

tsadev

Step 1

Go to the DRA website: <https://davesredistricting.org/maps#home>

Step 2

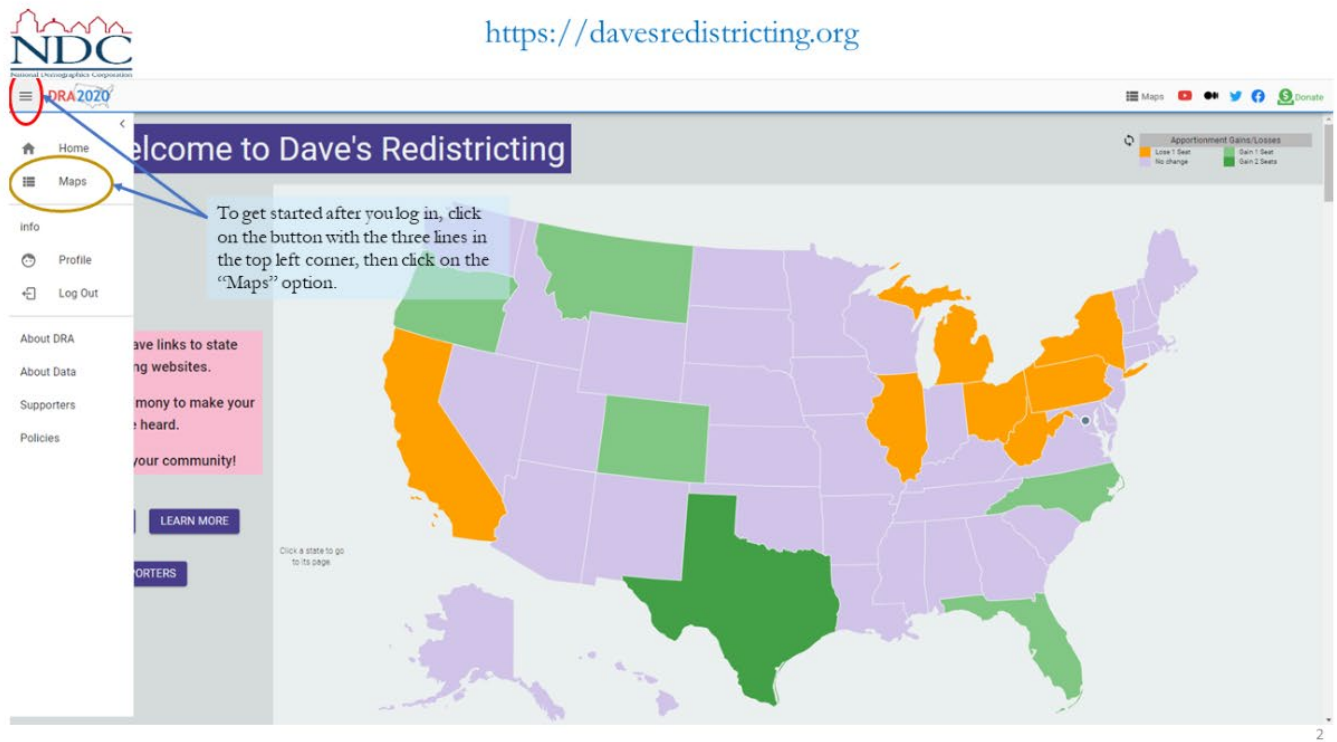
If this is your first time on the site, click on the "Sign Up" option in the top right to create a user ID and choose a password.

If you already have a user ID and password, click "Log In":

The screenshot shows the homepage of the Dave's Redistricting App. At the top right, there are two buttons: "LOG IN" and "SIGN UP". A blue callout box with an arrow pointing to the "SIGN UP" button contains the text: "To get started your first time on this site, click 'Sign Up' and it will ask you to create a user name and password." Another blue callout box with an arrow pointing to the "LOG IN" button contains the text: "If you already have a user name and password, click 'Log In'". The main content area features a large map of the United States with states colored in green, blue, red, and purple. On the left side, there is a sidebar with the heading "Welcome to Dave's Redistricting" and several call-to-action buttons: "PICK A STATE", "LEARN MORE", and "SUPPORTERS". A pink box in the sidebar contains the text: "State pages have links to state redistricting websites. Submit your testimony to make your voice heard. Advocate for your community!". A legend in the top right corner identifies the colors: Green for Independent Commission, Blue for Split Control, Red for Republican Control, and Purple for Democratic Control. A small "Donate" button is also visible in the top right corner.

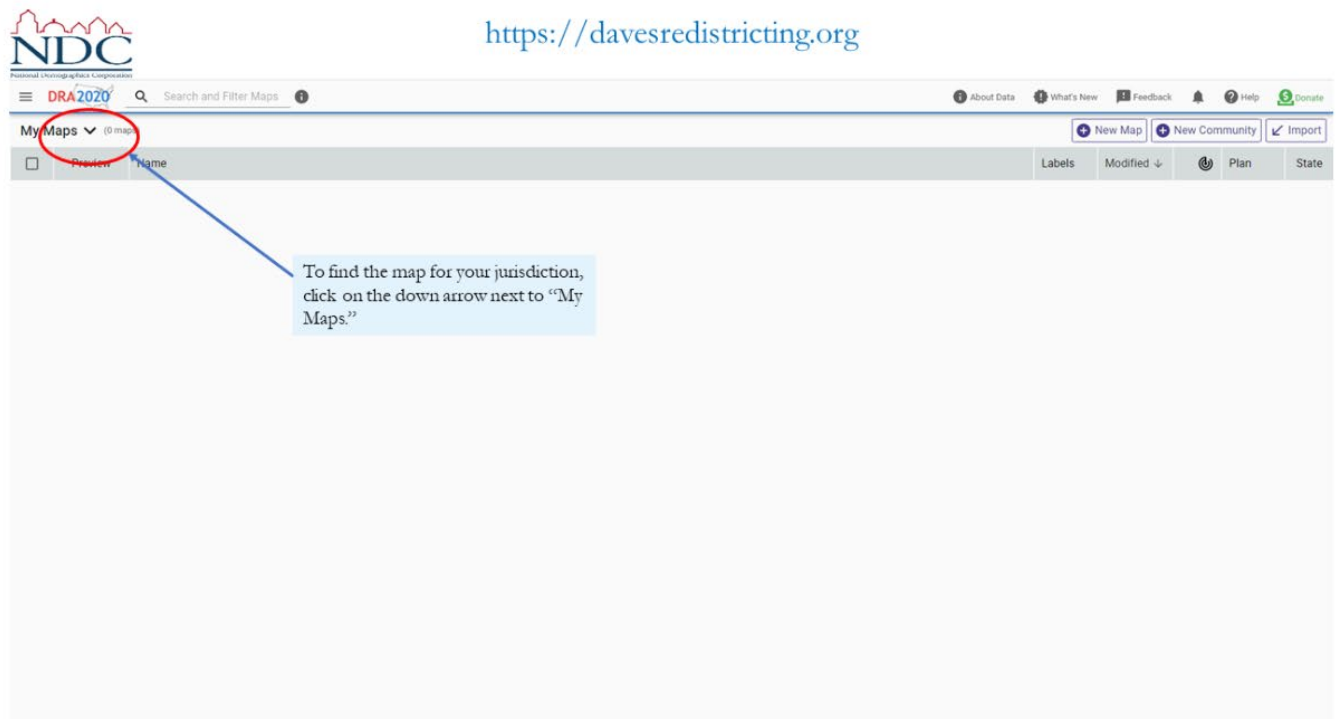
Step 3

To get started after you log in, click on the button with the three lines in the top left corner, then click on the “Maps” option:



Step 4

To find the map for your jurisdiction, click on the down arrow next to “My Maps”:



Step 5

Select "Published Maps":

<https://davesredistricting.org>

The screenshot shows the top navigation bar of the DRA2020 website. The 'Published Maps' option in the left-hand menu is circled in red. A blue arrow points from a text box containing 'Select "Published Maps"' to this circled option.

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Step 6

Enter your jurisdiction's name in the search box to find the blank map or the map of the existing districts to use as a starting point:

<https://davesredistricting.org>

The screenshot shows the 'Published Maps' section of the website. A table lists various maps with columns for 'Preview', 'Name', 'Owner', 'Labels', 'Modified', 'Plan', and 'State'. The search box at the top is circled in red, and a blue arrow points from a text box containing 'Enter your jurisdiction's name in the search box to find the blank map or the map of the existing districts to use as a starting point.' to the search box.

| Preview | Name | Owner | Labels | Modified | Plan | State |
|--------------------------|--|-----------------------------------|-------------------------|----------|---------------|--------|
| <input type="checkbox"/> | FL Fair Redistricting 2021 | jdratler | Complete | 10:34 AM | 2020/Congress | 98 FL |
| <input type="checkbox"/> | Illinois democratic | lamoclell | | 10:33 AM | 2020/Congress | 50 IL |
| <input type="checkbox"/> | Johnny Ellis - Florida 2020 Senate | Psyduck | | 10:31 AM | 2020/Upper | 100 FL |
| <input type="checkbox"/> | Carlsbad Existing 2020 Council Districts | djohnson | | 10:24 AM | 2020/Other | 0 CA |
| <input type="checkbox"/> | Illinois No split | tyleraf | | 10:21 AM | 2020/Congress | 100 IL |
| <input type="checkbox"/> | CSemovitz Texas 2022 | charlie | | 10:21 AM | 2020/Congress | 88 TX |
| <input type="checkbox"/> | MN 2022 State Senate (Blank Start) | blackforest10 | Minnesota, State Senate | 10:02 AM | 2020/Upper | 100 MN |
| <input type="checkbox"/> | Maryland hypothetical democrat gerrymander | hayato.m.moy | new maps | 9:40 AM | 2020/Congress | 0 MD |
| <input type="checkbox"/> | How I would change the 10/23/2021 2nd IL cong remap proposal | EssentialStateEmployeeFromChatham | | 9:32 AM | 2020/Congress | 40 IL |
| <input type="checkbox"/> | *dg* Mississippi State Senate | demogod | | 8:55 AM | 2020/Upper | 100 MS |
| <input type="checkbox"/> | *dg* Louisiana State Senate | demogod | | 8:52 AM | 2020/Upper | 100 LA |
| <input type="checkbox"/> | Los Angeles City Council | freirastra | city council | 8:47 AM | 2020/Other | 100 CA |
| <input type="checkbox"/> | ny splitting | ahan7447 | | 8:47 AM | 2020/Congress | 77 NY |
| <input type="checkbox"/> | Chicago City Council | freirastra | city council | 8:45 AM | 2020/Other | 100 IL |
| <input type="checkbox"/> | Connecticut | olotu29 | 2020 Reapportionment | 8:39 AM | 2020/Congress | 28 CT |
| <input type="checkbox"/> | New Jersey Legislature | bennyw121 | | 8:28 AM | 2020/Upper | 78 NJ |

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Step 7

When you find the map for your jurisdiction, click on the check box (or on the plan name) to choose it, and then click “Duplicate” to make a copy for you to modify as you see fit. Be patient, as it can take up to fifteen or twenty seconds to open the map.



<https://davesredistricting.org>

Published Maps (1 map) View Duplicate

| <input checked="" type="checkbox"/> | Preview | Name | Owner | Labels | Modified | Plan | State |
|-------------------------------------|---------|--|----------|--------|----------|------------|-------|
| <input checked="" type="checkbox"/> | | Carlsbad Existing 2020 Council Districts | djohnson | | 10:24 AM | 2020/Other | 0 CA |

When you find the map for your jurisdiction, click on the check box (or on the plan name) to choose it, and then click “Duplicate” to make a copy for you to modify as you see fit.

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Step 8

To change the name of the plan after you “duplicate” it, first click on the plan name in the list, then click the “Edit” option:



<https://davesredistricting.org>

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

| <input checked="" type="checkbox"/> | Preview | Name | Labels | Modified | Plan | State |
|-------------------------------------|---------|--|--------|----------|--------------|-------|
| <input checked="" type="checkbox"/> | | Copy of Carlsbad Existing 2020 Council Districts | | 10:43 AM | 0 2020/Other | CA |

To change the name of the plan after you “duplicate” it, first click on the plan name in the list, then click the “Edit” option.

Step 9

Click on the plan title to change the name and to enter a description of your plan (see the next slide):

<https://davesredistricting.org>

Copy of Carlsbad Existing 2020 Council Districts

Click on the plan title to change the name and to enter a description of your plan (see the next slide).

| 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% |

| Composite 2016-2020 | | |
|---------------------|-------|----|
| | Votes | % |
| Democratic | 0 | 0% |
| Republican | 0 | 0% |
| Other | 0 | 0% |

Step 10

Set the name and description of your map:

<https://davesredistricting.org>

Copy of Carlsbad Existing 2020 Council Districts

Set Name and Description

Set the name and description for your map.

Map Name
Resident X's Proposed Carlsbad Map

Description
I think this map makes sense because . . .

CANCEL SUBMIT

Step 11

Use the “overlays” option to add streets and labels to the map:

<https://davesredistricting.org>

The “overlays” option will add streets and labels to the map

Colors
Overlays
Custom Overlay

| Total Pop (Adj) 2020 | |
|----------------------|---------------|
| Pop | % |
| Total | 25,187 100.0% |
| White | 17,013 67.5% |
| Hispanic | 5,205 20.7% |
| Black | 608 2.4% |
| Asian | 1,710 6.8% |
| Native | 702 2.8% |
| Pacific | 229 0.9% |

| Citizen VAP 2019 | |
|------------------|---------------|
| Pop | % |
| Total | 19,697 100.0% |
| White | 14,827 75.3% |
| Hispanic | 3,076 15.7% |
| Black | 306 1.6% |
| Asian | 1,023 5.2% |
| Native | 215 1.1% |
| Pacific | 93 0.5% |

| Composite 2016-2020 | |
|---------------------|---------------|
| Pop | % |
| Total | 25,187 100.0% |
| Dem/Lean Dem | 7,119 28.3% |
| Rep/Lean Rep | 5,427 21.6% |
| Other | 811 3.2% |

| 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% |

| Composite 2016-2020 | |
|---------------------|------|
| Pop | % |
| Total | 0 0% |
| Dem/Lean Dem | 0 0% |
| Republican | 0 0% |
| Other | 0 0% |

Step 12

“Background Map” is required to see streets and other features.

NDC recommends you select Background Map, District Lines (where available), the two Labels options, and Landmarks.

If you want population numbers on the precincts and census blocks, also click the “Labels” option with the down arrow next to it and see the instructions in the next screen.

<https://davesredistricting.org>

“Background Map” is required to see streets and other features.

NDC recommends you select Background Map, District Lines (where available), the two Labels options, and Landmarks.

If you want population numbers on the precincts and census blocks, also click the “Labels” option with the down arrow next to it and see the instructions in the next screen.

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

| Total Pop (Adj) 2020 | |
|----------------------|---------------|
| Pop | % |
| Total | 25,187 100.0% |
| White | 17,013 67.5% |
| Hispanic | 5,205 20.7% |
| Black | 608 2.4% |
| Asian | 1,710 6.8% |
| Native | 702 2.8% |
| Pacific | 229 0.9% |

| Citizen VAP 2019 | |
|------------------|---------------|
| Pop | % |
| Total | 19,697 100.0% |
| White | 14,827 75.3% |
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| Black | 306 1.6% |
| Asian | 1,023 5.2% |
| Native | 215 1.1% |
| Pacific | 93 0.5% |

| Composite 2016-2020 | |
|---------------------|---------------|
| Pop | % |
| Total | 25,187 100.0% |
| Dem/Lean Dem | 7,119 28.3% |
| Republican | 5,427 21.6% |
| Other | 811 3.2% |

| 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% |


| Composite 2016-2020 | |
|---------------------|------|
| Pop | % |
| Total | 0 0% |
| Dem/Lean Dem | 0 0% |
| Republican | 0 0% |
| Other | 0 0% |

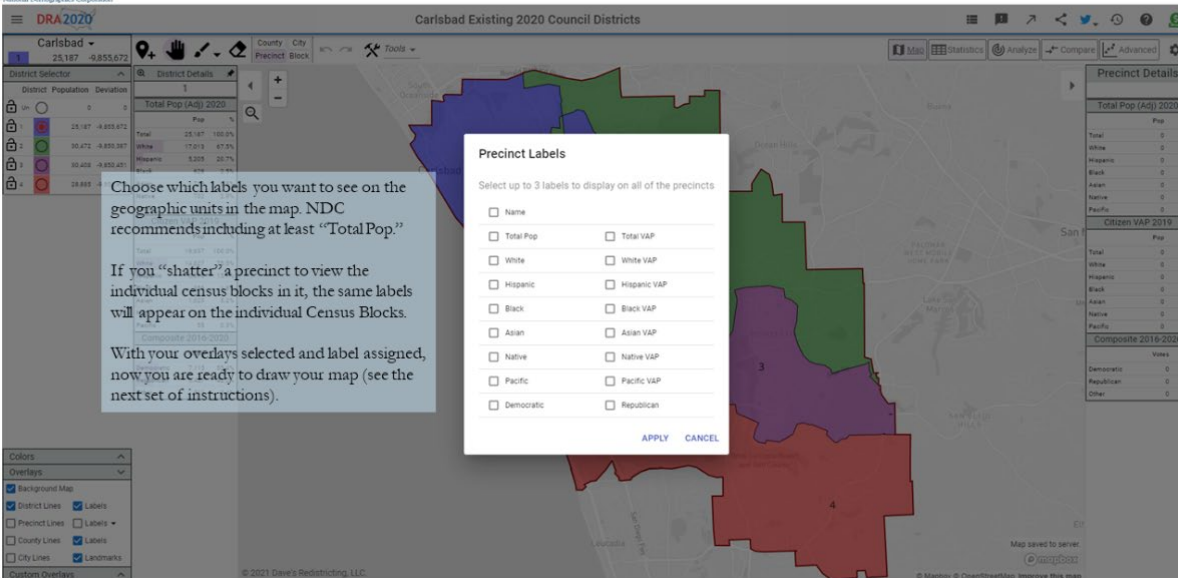
Step 13

Choose which labels you want to see on the geographic units on the map. NDC recommends including at least “Total Pop.”

If you “shatter” a precinct to view the individual census blocks in it, the same labels will appear on the individual Census Blocks.

With your overlays selected and the label assigned, now you are ready to draw your map (see the next set of instructions).

 <https://davesredistricting.org>



Choose which labels you want to see on the geographic units in the map. NDC recommends including at least “Total Pop.”

If you “shatter” a precinct to view the individual census blocks in it, the same labels will appear on the individual Census Blocks.

With your overlays selected and label assigned, now you are ready to draw your map (see the next set of instructions).

Precinct Labels

Select up to 3 labels to display on all of the precincts

- Name
- Total Pop
- White
- Hispanic
- Black
- Asian
- Native
- Pacific
- Democratic
- Total VAP
- White VAP
- Hispanic VAP
- Black VAP
- Asian VAP
- Native VAP
- Pacific VAP
- Republican

APPLY CANCEL

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Step 14

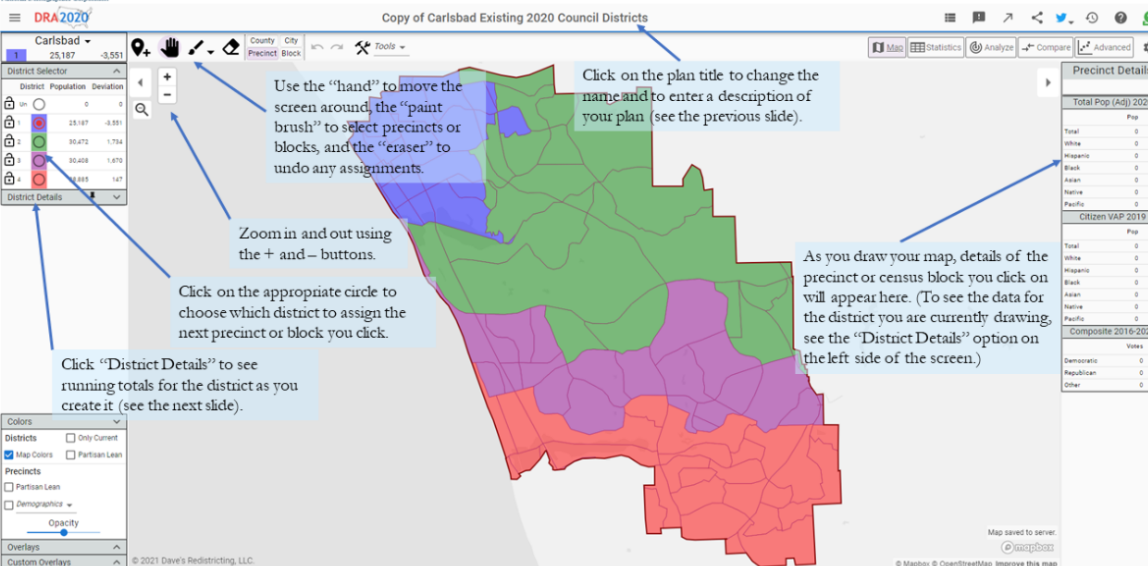
Use the “hand” to move the screen around, the “paint brush” to select precincts or blocks, and the “eraser” to undo any assignments. Zoom in and out using the + and – buttons.

Click on the appropriate circle to choose which district to assign the next precinct or block you click.

As you draw your map, details of the precinct or census block you click on will appear here. (To see the data for the district you are currently drawing, see the “District Details” option on the left side of the screen.)

Click “District Details” to see running totals for the district as you create it (see the next slide).

 **NDC's guide to Dave's Redistricting App main screen**



Use the “hand” to move the screen around, the “paint brush” to select precincts or blocks, and the “eraser” to undo any assignments.

Click on the plan title to change the name and to enter a description of your plan (see the previous slide).

Zoom in and out using the + and – buttons.

Click on the appropriate circle to choose which district to assign the next precinct or block you click.

Click “District Details” to see running totals for the district as you create it (see the next slide).

As you draw your map, details of the precinct or census block you click on will appear here. (To see the data for the district you are currently drawing, see the “District Details” option on the left side of the screen.)

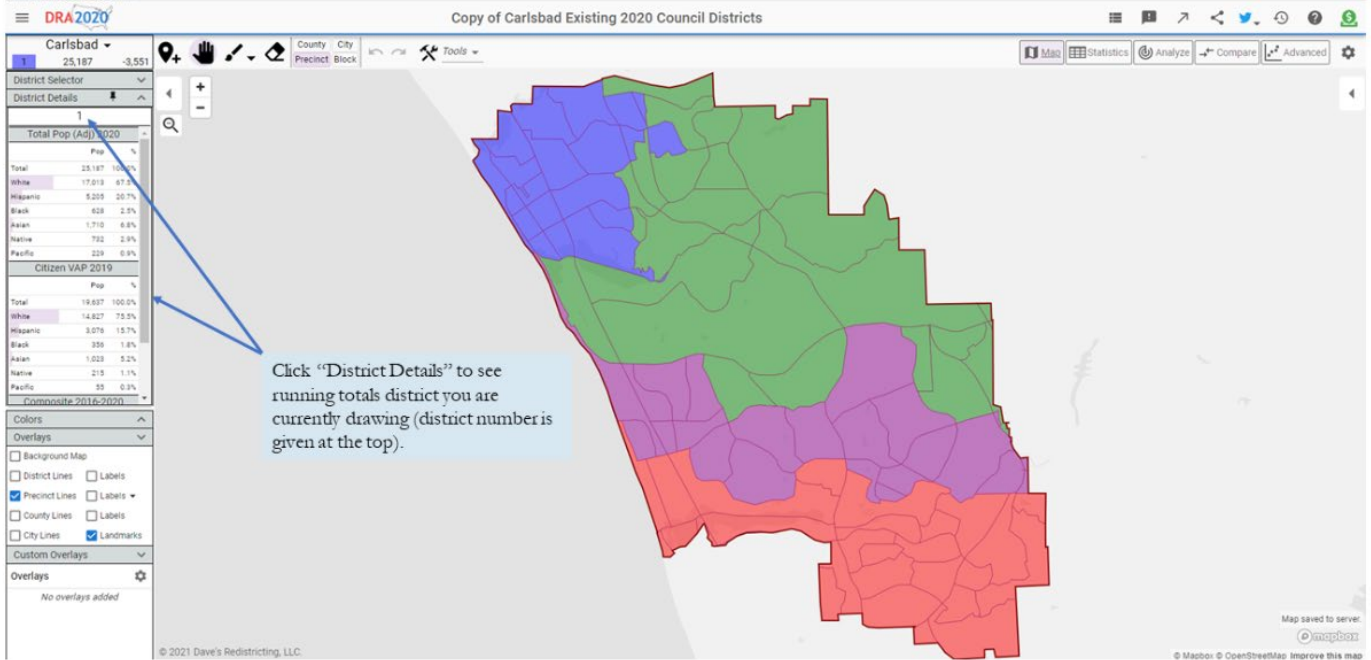
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Step 15

Click "District Details" to see running totals of the district you are currently drawing (district number is given at the top).



<https://davesredistricting.org>



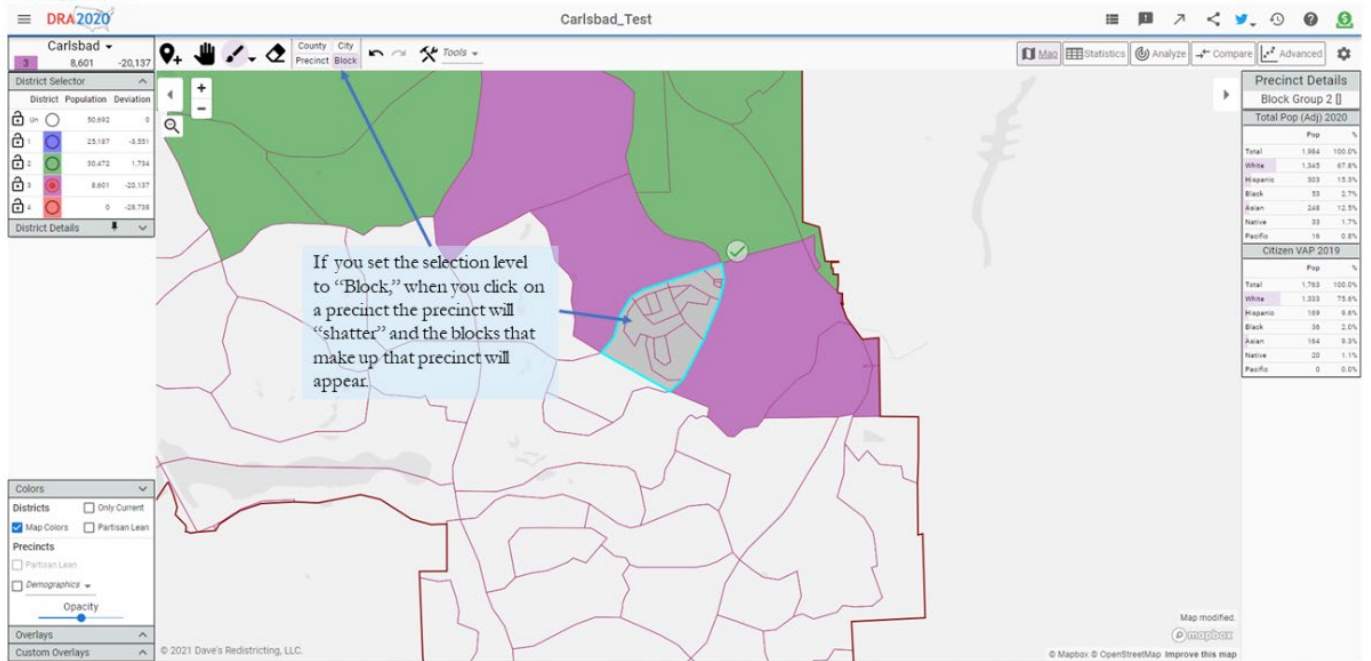
Click "District Details" to see running totals district you are currently drawing (district number is given at the top).

Step 16

If you set the selection level to "Block," when you click on a precinct the precinct will "shatter" and the blocks that make up that precinct will appear.




<https://davesredistricting.org>



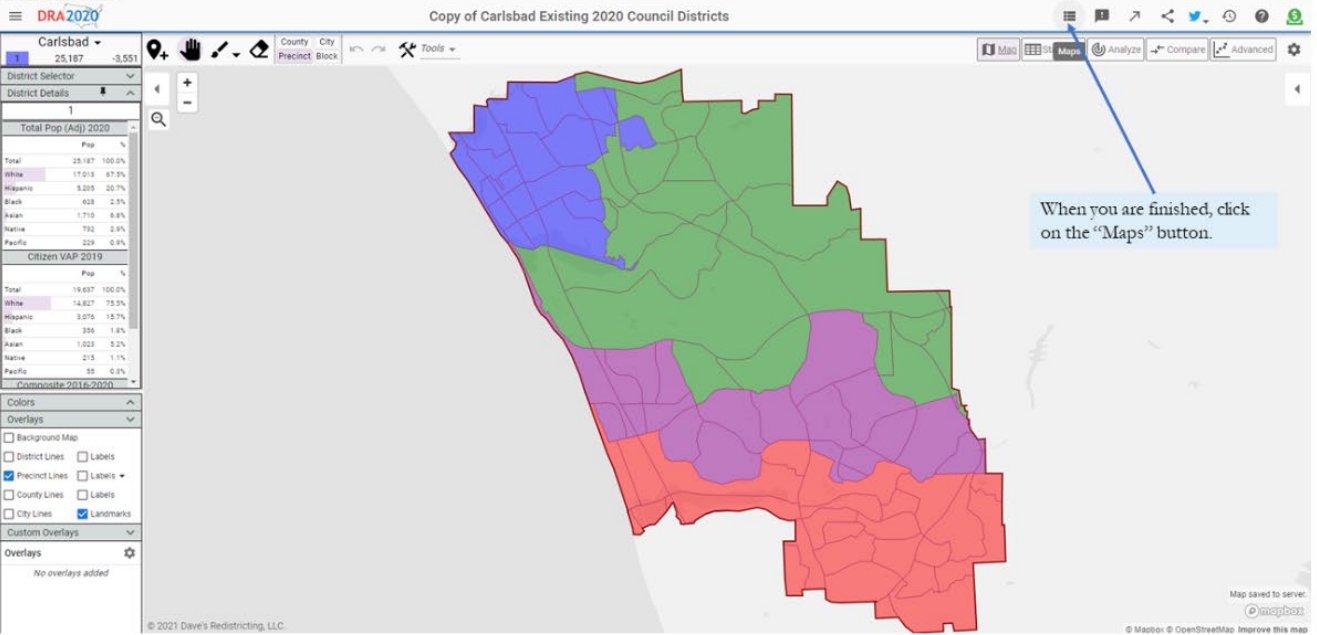
If you set the selection level to "Block," when you click on a precinct the precinct will "shatter" and the blocks that make up that precinct will appear.

Step 17

When you are finished, click on the “Maps” button.

 <https://davesredistricting.org>

Copy of Carlsbad Existing 2020 Council Districts



When you are finished, click on the “Maps” button.


Map saved to server: mapbox

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

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Step 18

First, click on the check box or the plan name of the plan you are ready to publish. Then click the “Publish” button (there is one more step – see the next slide).

 <https://davesredistricting.org>

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

| Preview | Name | Labels | Modified | Plan | State |
|-------------------------------------|--|--------|----------|--------------|-------|
| <input checked="" type="checkbox"/> | Copy of Carlsbad Existing 2020 Council Districts | | 10:59 AM | 0 2020/Other | CA |

First, click on the check box or the plan name of the plan you are ready to publish.

Then click the “Publish” button (there is one more step – see the next slide).

Step 19

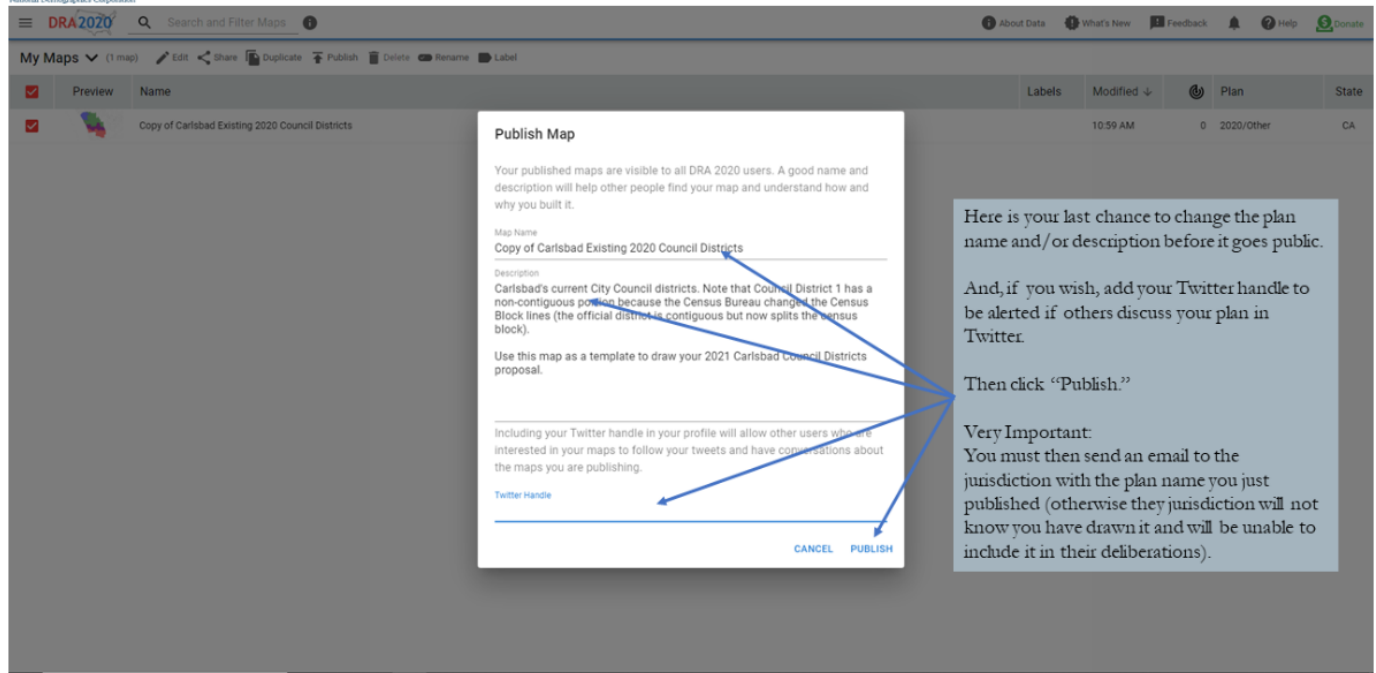
Here is your last chance to change the plan name and/or description before it goes public. And, if you wish, add your Twitter handle to be alerted if others discuss your plan in Twitter. Then click “Publish.”

Very Important:

You must then send an email to the jurisdiction with the plan name you just published (otherwise the jurisdiction will not know you have drawn it and will be unable to include it in their deliberations).



<https://davesredistricting.org>



The screenshot shows the 'Publish Map' dialog box in the DRA 2020 application. The dialog contains the following text:

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
Copy of Carlsbad Existing 2020 Council Districts

Description
Carlsbad's current City Council districts. Note that Council District 1 has a non-contiguous portion because the Census Bureau changed the Census Block lines (the official district is contiguous but now splits the census block).

Use this map as a template to draw your 2021 Carlsbad Council Districts proposal.

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

Callout box text:

Here is your last chance to change the plan name and/or description before it goes public.

And, if you wish, add your Twitter handle to be alerted if others discuss your plan in Twitter.

Then click “Publish.”

Very Important:
You must then send an email to the jurisdiction with the plan name you just published (otherwise they jurisdiction will not know you have drawn it and will be unable to include it in their deliberations).