

Dave's Redistricting App Quick Start Guide

For local government redistricting

Prepared by National Demographics Corporation (NDC)

October 24, 2021

LOG IN

SIGN UP

1.

Welcome to Dave's Redistricting

When you start with Dave's Redistricting App, you'll need to create an account:

1. Click on "Sign Up" in the upper right hand corner
2. Fill out your email and create a password

2.

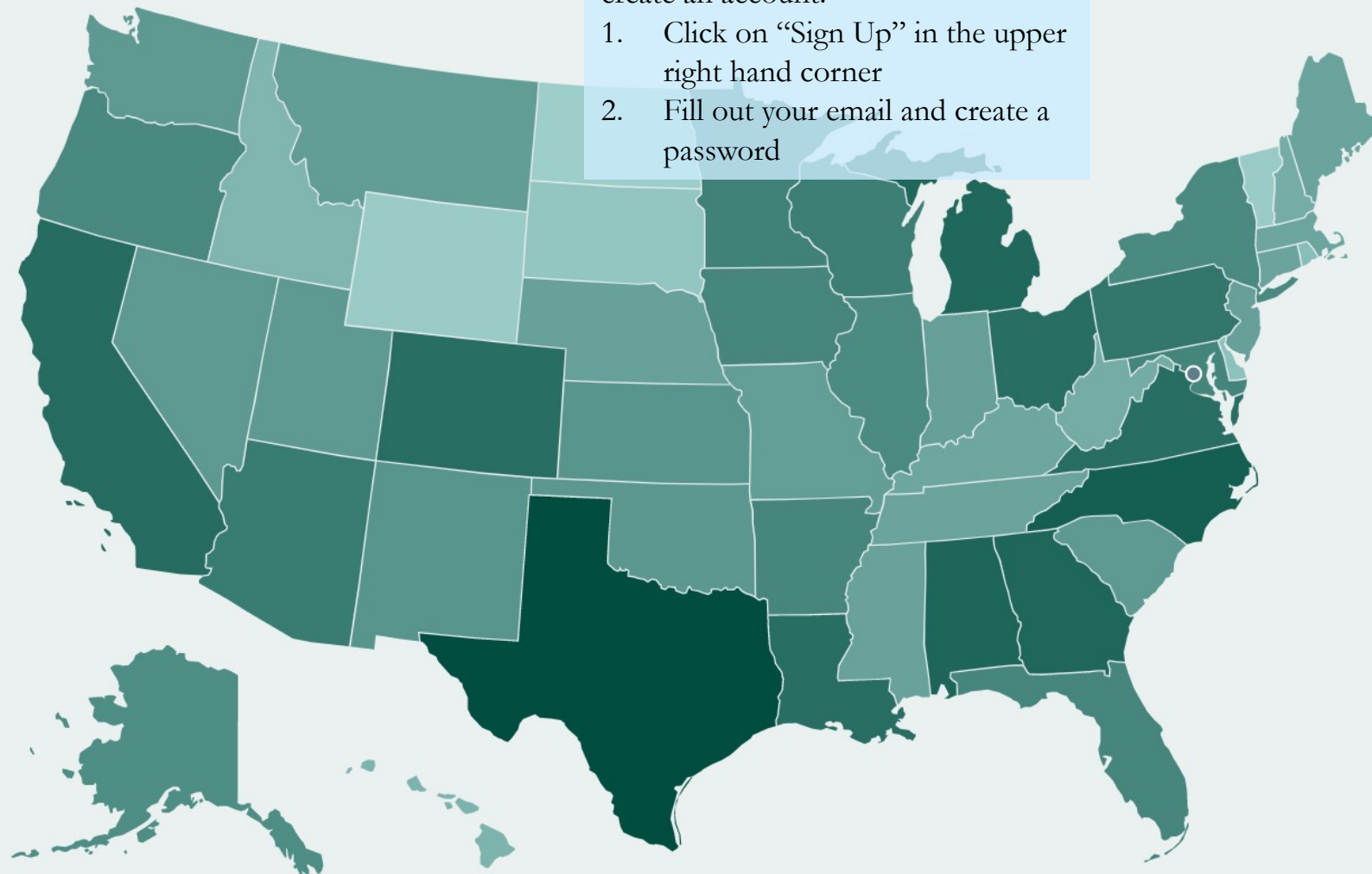
Email

Password

SIGN UP

CANCEL

Click a state to go to its page.




Published Maps By State

1

612

https://davesredistricting.org/maps#viewmap::d241826b-4cf4-4ad0-86f3-bb9534516891

Newport Beach Current Council Districts

View Only  County City Precinct Block Tools

District Selector

District	Population	Deviation
1	10,483	-1,708
2	12,276	85
3	12,348	157
4	13,023	832
5	13,553	1,362
6	11,327	-864
7	12,328	137

District Details

1

Total Pop (Adj) 2020

	Pop	%
Total	10,483	100.0%
White	8,645	82.5%
Hispanic	997	9.5%
Black	127	1.2%
Asian	540	5.2%
Native	146	1.4%
Pacific	47	0.4%

Citizen VAP 2019

	Pop	%
Total	10,440	100.0%
White	8,865	84.9%
Hispanic	1,118	10.7%
Black	125	1.2%
Asian	230	2.2%
Native	0	0.0%
Pacific	85	0.8%

Colors

Districts ☐ Only Current ☒ Map Colors ☐ Partisan Lean

Precincts ☐ Partisan Lean ☐ Demographics ☐ Opacity

Overlays

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

Precinct Details

Part of Block Group 0 from 1 blocks [1]

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	(-)

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

To get started after you log in, click link on the city's website to view either the current districts or a blank map. You start in "View Only" mode. To create an editable version, click the paintbrush next to the View Only button

District	Population	Deviation
1	25,187	-3,551
2	30,472	1,734
3	30,408	1,670
4	28,885	147

Colors ▾

Districts ☐ Only Current

☒ Map Colors ☐ Partisan Lean

Precincts

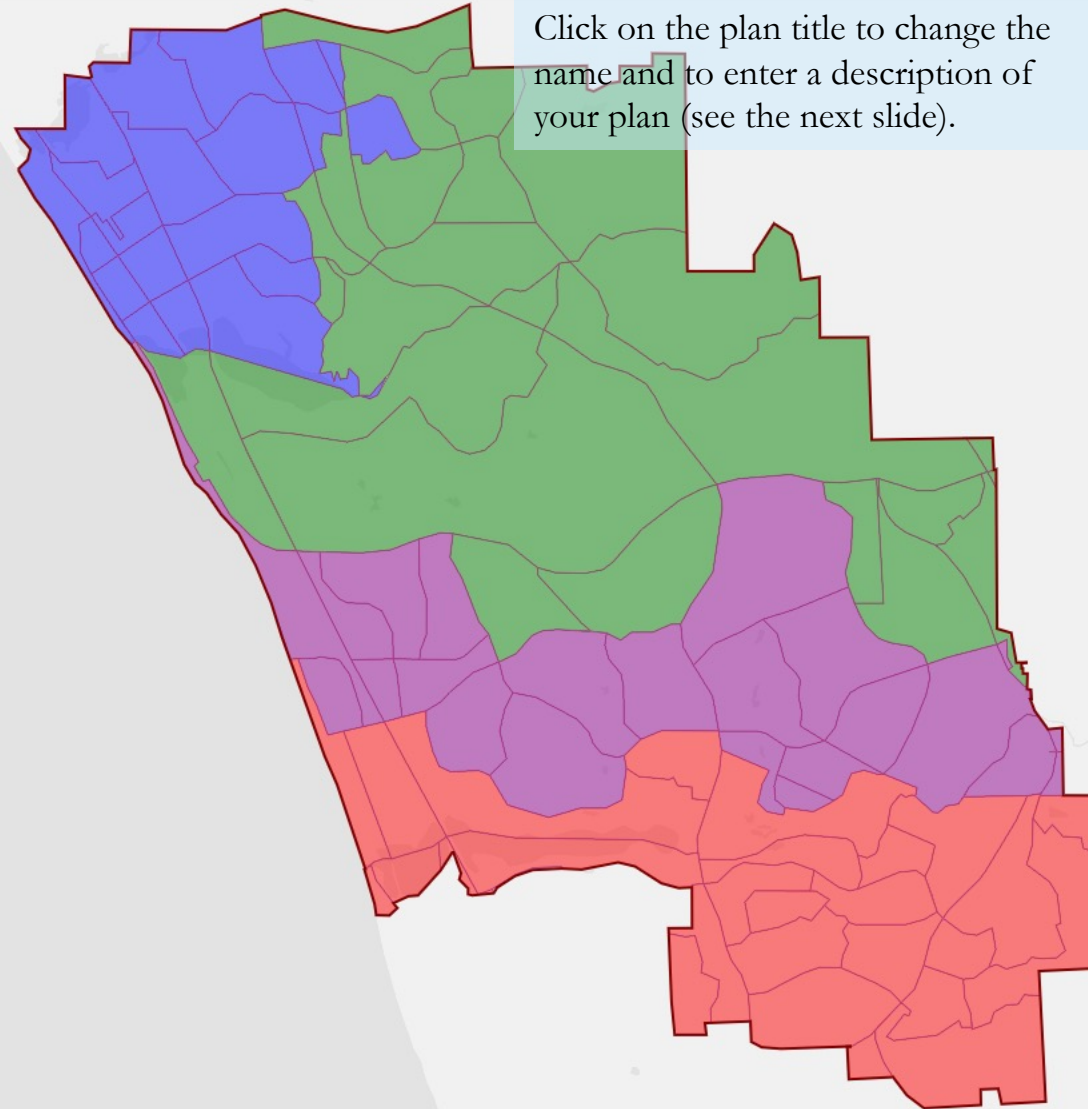
☐ Partisan Lean

☐ *Demographics* ▾

Opacity

Overlays ▴







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		
	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	(-)

County City
Precinct Block

 Tools ▾

 Map
  Statistics
  Analyze
  Compare
  Advanced
 

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

Colors ▾

Districts ☐ Only Current

☒ Map Colors ☐ Partisan Lean

Precincts

☐ Partisan Lean











☐ *Demographics* ▾


Opacity

Overlays ▴

Custom Overlays ▴

Carlsbad ▼		
1	25,187	-9,855,672

District Selector				
	District	Population	Deviation	
	Un		0	0
	1		25,187	-9.855,672
	2		30,472	-9.850,387
	3		30,408	-9.850,451
	4		28,885	-9.851,974

 District Details 

1

Total Pop (Adj) 2020		
	Pop	%
Total	25,187	100.0%
White	17,013	67.5%
Hispanic	5,205	20.7%
Black	628	2.5%
Asian	1,710	6.8%
Native	732	2.9%
Pacific	229	0.9%

Citizen VAP 2019

	Pop	%
Total	19,637	100.0%
White	14,827	75.5%
Hispanic	3,076	15.7%
Black	356	1.8%
Asian	1,023	5.2%
Native	215	1.1%
Pacific	55	0.3%

Composite 2016-2020

	Votes	%
Democratic	7,115	55.4%
Republican	5,427	42.2%
Other	311	2.4%

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	(-)

Composite 2016-2020

	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

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

Colors	^
Overlays	^
Custom Overlays	^

Carlsbad 25,187 -9,855,672

District Selector

District	Population	Deviation
1	25,187	-9,855,672
2	30,472	-9,850,387
3	30,408	-9,850,451
4	28,885	-9,851,974

District Details

1

Total Pop (Adj) 2020

	Pop	%
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Composite 2016-2020

	Votes	%
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Other	311	2.4%

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	(-)

Composite 2016-2020

	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

Colors

Overlays

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

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.

District Details		
1		
Total Pop (Adj) 2020		
	Pop	%
Total	25,187	100.0%
White	17,013	67.5%
Hispanic	5,205	20.7%
Black	628	2.5%
Asian	170	0.6%

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

- | | |
|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> Name | |
| <input type="checkbox"/> Total Pop | <input type="checkbox"/> Total VAP |
| <input type="checkbox"/> White | <input type="checkbox"/> White VAP |
| <input type="checkbox"/> Hispanic | <input type="checkbox"/> Hispanic VAP |
| <input type="checkbox"/> Black | <input type="checkbox"/> Black VAP |
| <input type="checkbox"/> Asian | <input type="checkbox"/> Asian VAP |
| <input type="checkbox"/> Native | <input type="checkbox"/> Native VAP |
| <input type="checkbox"/> Pacific | <input type="checkbox"/> Pacific VAP |
| <input type="checkbox"/> Democratic | <input type="checkbox"/> Republican |

APPLY CANCEL

Colors ^

Overlays v

- ☒ Background Map
- ☒ District Lines ☒ Labels
- ☐ Precinct Lines ☐ Labels v
- ☐ County Lines ☒ Labels
- ☐ City Lines ☒ Landmarks

Custom Overlays ^

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

Copy of Carlsbad Existing 2020 Council Districts

Carlsbad 25,187 -3,551

District Selector

District	Population	Deviation
1	25,187	-3,551
2	30,472	1,734
3	30,408	1,670
4	28,885	147

District Details

Colors

Districts ☐ Only Current

☒ Map Colors ☐ Partisan Lean

Precincts

☐ Partisan Lean

☐ Demographics

Opacity

Overlays

Custom Overlays

County City Precinct Block Tools

Map Statistics Analyze Compare Advanced

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	(-)

Composite 2016-2020		
	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

Map saved to server.

© 2021 Dave's Redistricting, LLC.

© Mapbox © OpenStreetMap Improve this map

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.)

The screenshot shows the Dave's Redistricting web application. The top navigation bar includes the location 'Carlsbad' with a dropdown menu, and a toolbar with icons for map, statistics, analyze, compare, and advanced features. The sidebar on the left contains a 'District Selector' dropdown set to '1', a 'District Details' section, and a 'Colors' section. The 'District Details' section displays two tables: 'Total Pop (Adj) 2020' and 'Citizen VAP 2019'. The 'Total Pop (Adj) 2020' table shows a total population of 25,187, with a breakdown by race/ethnicity: White (17,013, 67.5%), Hispanic (5,205, 20.7%), Black (628, 2.5%), Asian (1,710, 6.8%), Native (732, 2.9%), and Pacific (229, 0.9%). The 'Citizen VAP 2019' table shows a total of 19,637, with a breakdown by race/ethnicity: White (14,827, 75.5%), Hispanic (3,076, 15.7%), Black (356, 1.8%), Asian (1,023, 5.2%), Native (215, 1.1%), and Pacific (55, 0.3%). The 'Colors' section has checkboxes for 'Background Map', 'District Lines', 'Precinct Lines', 'County Lines', 'City Lines', 'Labels', and 'Landmarks'. The 'Precinct Lines' checkbox is checked. The main map area displays a map of Carlsbad with precincts colored in blue, green, purple, and red. A blue arrow points from the 'District Details' section to the map.

Carlsbad 25,187 -3,551

District Selector

District Details

1

Total Pop (Adj) 2020

	Pop	%
Total	25,187	100.0%
White	17,013	67.5%
Hispanic	5,205	20.7%
Black	628	2.5%
Asian	1,710	6.8%
Native	732	2.9%
Pacific	229	0.9%

Citizen VAP 2019

	Pop	%
Total	19,637	100.0%
White	14,827	75.5%
Hispanic	3,076	15.7%
Black	356	1.8%
Asian	1,023	5.2%
Native	215	1.1%
Pacific	55	0.3%

Composite 2016-2020

Colors

Overlays

☐ Background Map

☐ District Lines ☐ Labels

☒ Precinct Lines ☐ Labels

☐ County Lines ☐ Labels

☐ City Lines ☒ Landmarks

Custom Overlays

Overlays

No overlays added

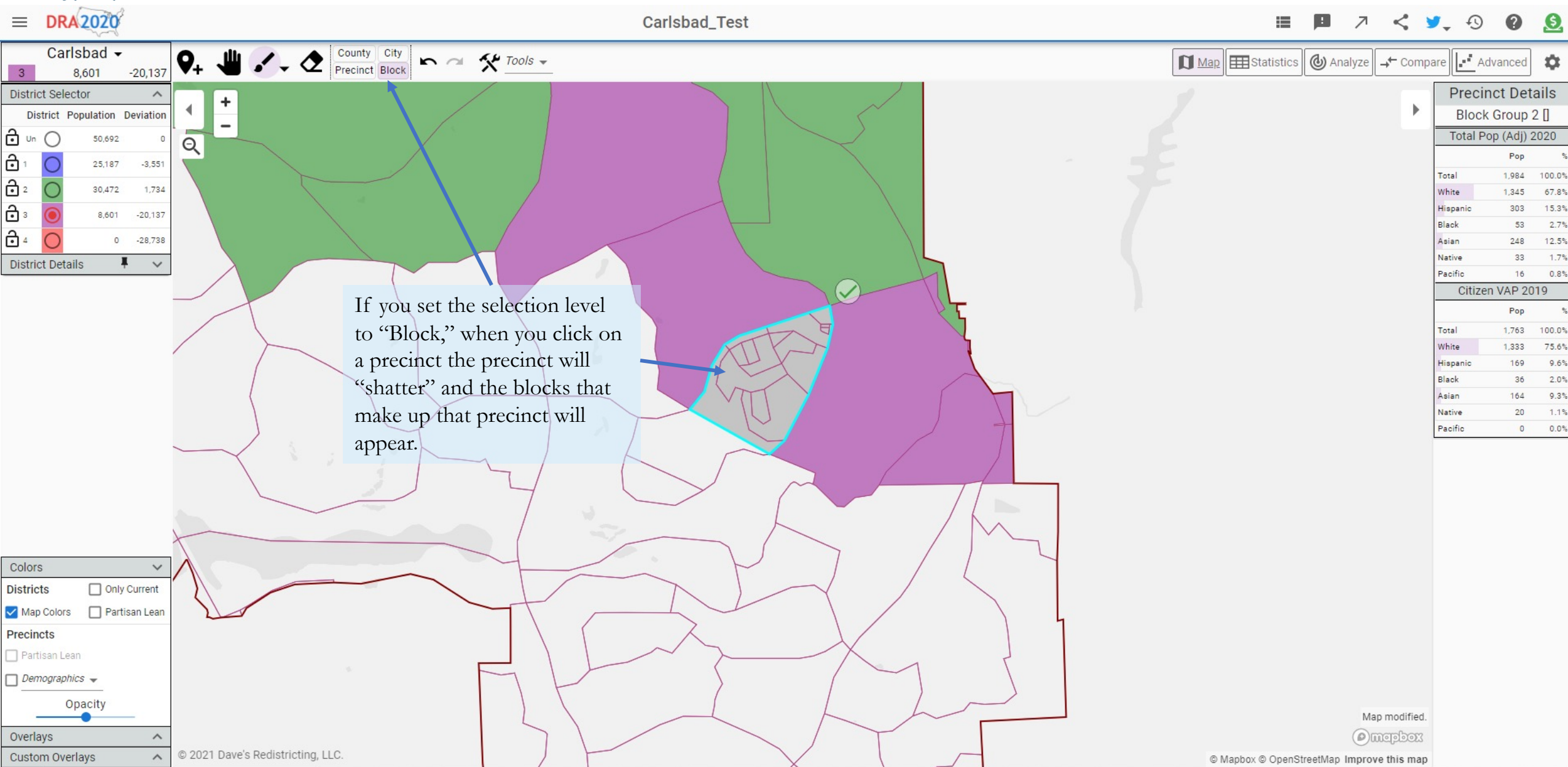
Click "District Details" to see running totals district you are currently drawing (district number is given at the top).

Map saved to server.

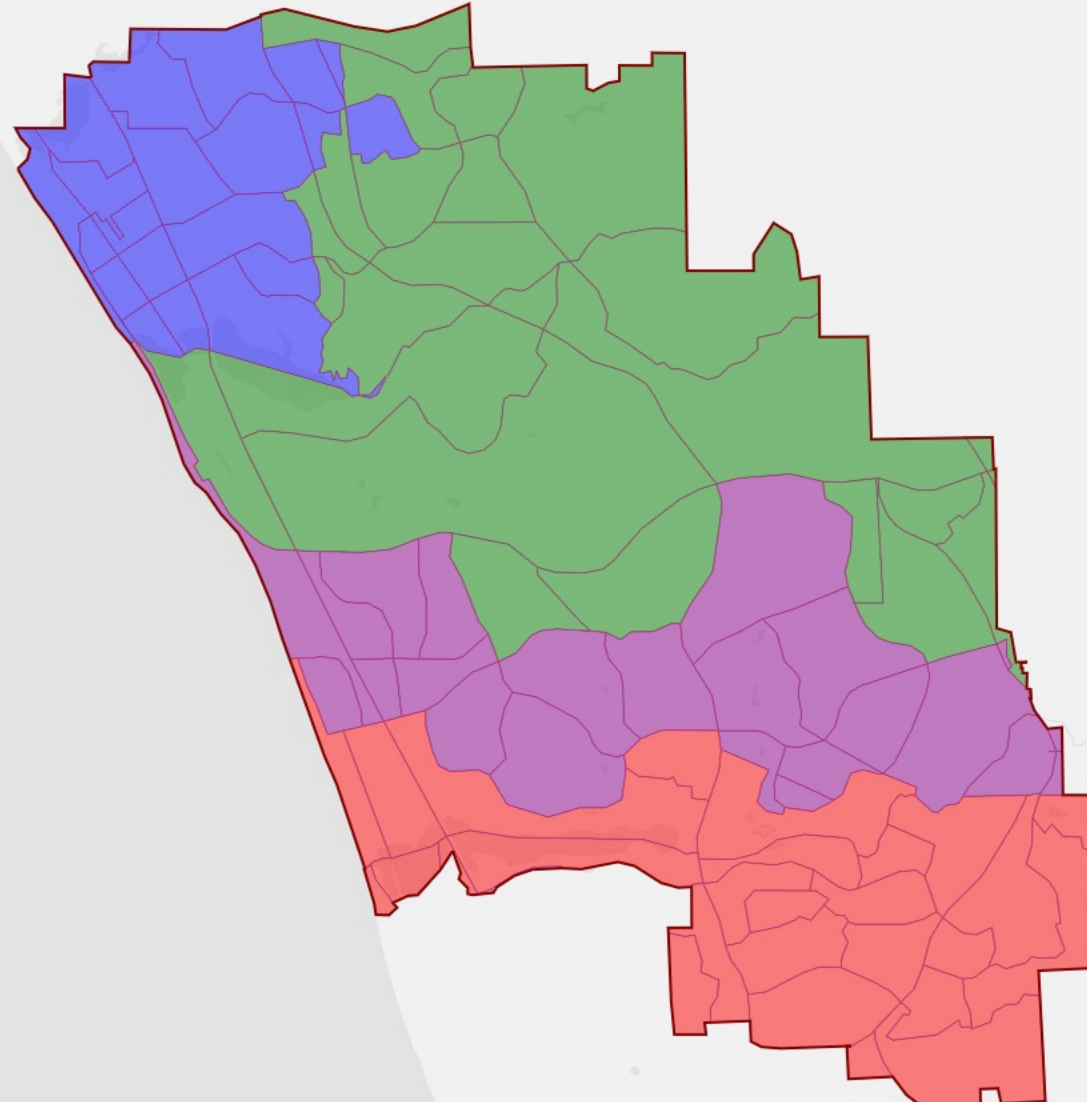
mapbox

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© Mapbox © OpenStreetMap. Improve this map.





Carlsbad ▾				
1	25,187	-3,551		
District Selector ▾				
District Details ⬆ ⬆				
1				
Total Pop (Adj) 2020				
	Pop	%		
Total	25,187	100.0%		
White	17,013	67.5%		
Hispanic	5,205	20.7%		
Black	628	2.5%		
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Native	732	2.9%		
Pacific	229	0.9%		
Citizen VAP 2019				
	Pop	%		
Total	19,637	100.0%		
White	14,827	75.5%		
Hispanic	3,076	15.7%		
Black	356	1.8%		
Asian	1,023	5.2%		
Native	215	1.1%		
Pacific	55	0.3%		
Composite 2016-2020 ▾				
Colors ⬆				
Overlays ▾				
<input 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"/> County Lines	<input type="checkbox"/> Labels			
<input type="checkbox"/> City Lines	<input checked="" type="checkbox"/> Landmarks			
Custom Overlays ▾				
Overlays ⚙				
No overlays added				














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






 About Data
  What's New
  Feedback
 
 Help
  Donate

My Maps ▼ (1 map)
  Edit
  Share
  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		10:59 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).

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

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).

There is much more information and more
detailed how-to guides available at
www.davesredistricting.org