



Dave's Redistricting App Quick Start Guide

For local government redistricting

Prepared by National Demographics Corporation (NDC)

October 24, 2021

Welcome to Dave's Redistricting

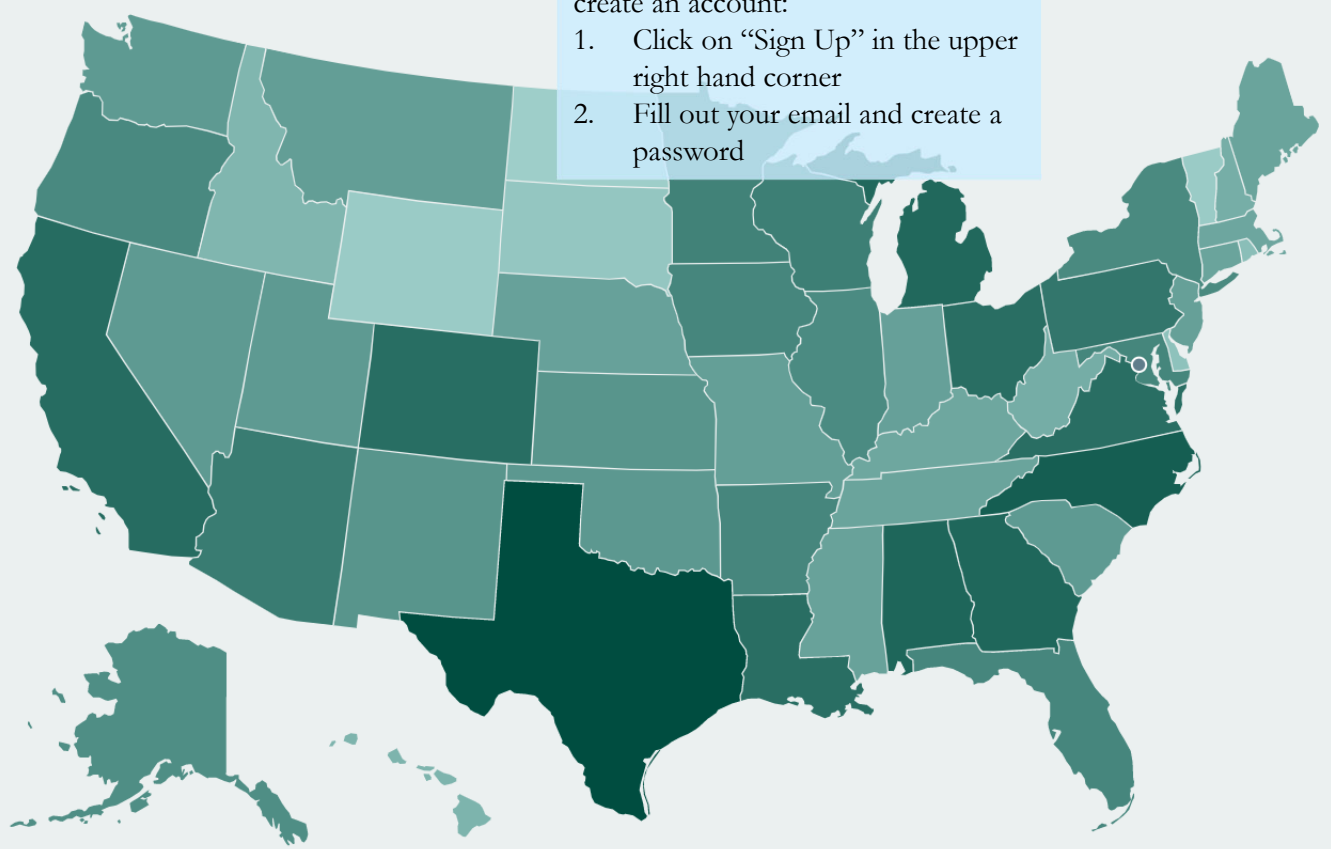
When you start with Dave's Redistricting App, you'll need to create an account:

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

2.


Email

Password



https://davesredistricting.org/maps#viewmap::d241826b-4cf4-4ad0-86f3-bb953451a891

Newport Beach Current Council Districts

View Only  County City Precinct Block Tools

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 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

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%

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 (-)

Colors

Districts Only Current

Map Colors Partisan Lean

Precincts

Partisan Lean

Demographics

Opacity

Overlays

Background Map

District Lines Labels

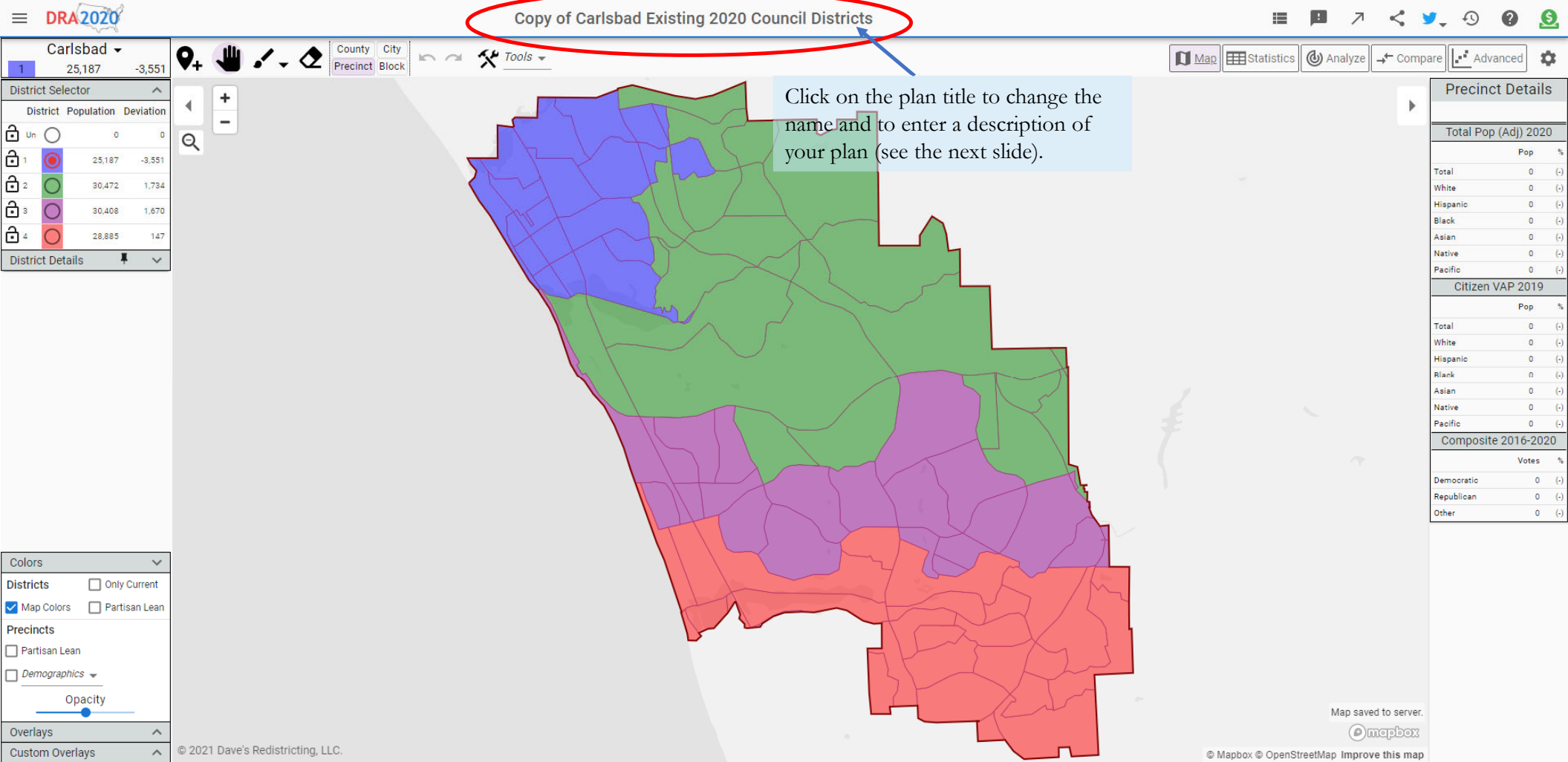
Precinct Lines Labels

County Lines Labels

City Lines Landmarks

Custom Overlays

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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).

District	Population	Deviation
Un	0	0
1	25,187	-3,551
2	30,472	1,734
3	30,408	1,670
4	28,885	147

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	(-)

Copy of Carlsbad Existing 2020 Council Districts

Carlsbad 25,187 -3,551

District Selector

District	Population	Deviation
Un	0	0
1	25,187	-3,551
2	30,472	1,734
3	30,408	1,670
4	28,885	147

Map Name
Resident X's Proposed Carlsbad Map

Description
I think this map makes sense because

CANCEL SUBMIT

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

Carlsbad

1 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	%
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	(-)

Map saved to server.

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The "overlays" option will add streets and labels to the map

- Colors
- Overlays**
- Custom Overlays

Carlsbad Existing 2020 Council Districts

Map Statistics Analyze Compare Advanced

Carlsbad

1 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	%
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 (-)

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.

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Map saved to server. mapbox © Mapbox © OpenStreetMap Improve this map

Carlsbad Existing 2020 Council Districts

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	-9,850,451

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	710 2.8%
Native	732 2.9%

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

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 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 Labels
- Precinct Lines Labels
- County Lines Labels
- City Lines Landmarks

Custom Overlays

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Map saved to server.

mapbox

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

Copy of Carlsbad Existing 2020 Council Districts

Carlsbad 25,187 -3,551

County Precinct City Block Tools

Map Statistics Analyze Compare Advanced

District Selector

District	Population	Deviation
Un	0	0
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 Partisan Lean

Map Colors Partisan Lean

Precincts Partisan Lean Demographics

Opacity

Overlays Custom Overlays

Map saved to server. mapbox

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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.)

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		
	Pop	%
Total	0	(-)
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

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%
Asian	1,710	6.8%
Native	732	2.9%
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Citizen VAP 2019		
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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).

Carlsbad_Test

Carlsbad 3 8,601 -20,137

County Precinct City Block Tools

Map Statistics Analyze Compare Advanced

District Selector

District	Population	Deviation
Un	50,692	0
1	25,187	-3,551
2	30,472	1,734
3	8,601	-20,137
4	0	-28,738

District Details

Colors

Districts Only Current Map Colors Partisan Lean

Precincts Partisan Lean Demographics

Opacity

Overlays Custom Overlays

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Map modified. mapbox

© Mapbox © OpenStreetMap Improve this map

Precinct Details

Block Group 2 []

Total Pop (Adj) 2020

	Pop	%
Total	1,984	100.0%
White	1,345	67.8%
Hispanic	303	15.3%
Black	53	2.7%
Asian	248	12.5%
Native	33	1.7%
Pacific	16	0.8%

Citizen VAP 2019

	Pop	%
Total	1,763	100.0%
White	1,333	75.6%
Hispanic	169	9.6%
Black	36	2.0%
Asian	164	9.3%
Native	20	1.1%
Pacific	0	0.0%

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.

Copy of Carlsbad Existing 2020 Council Districts

Carlsbad 25,187 -3,551

District Selector: 1

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


Map saved to server. © mapbox © Mapbox © OpenStreetMap Improve this map

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When you are finished, click on the "Maps" button.

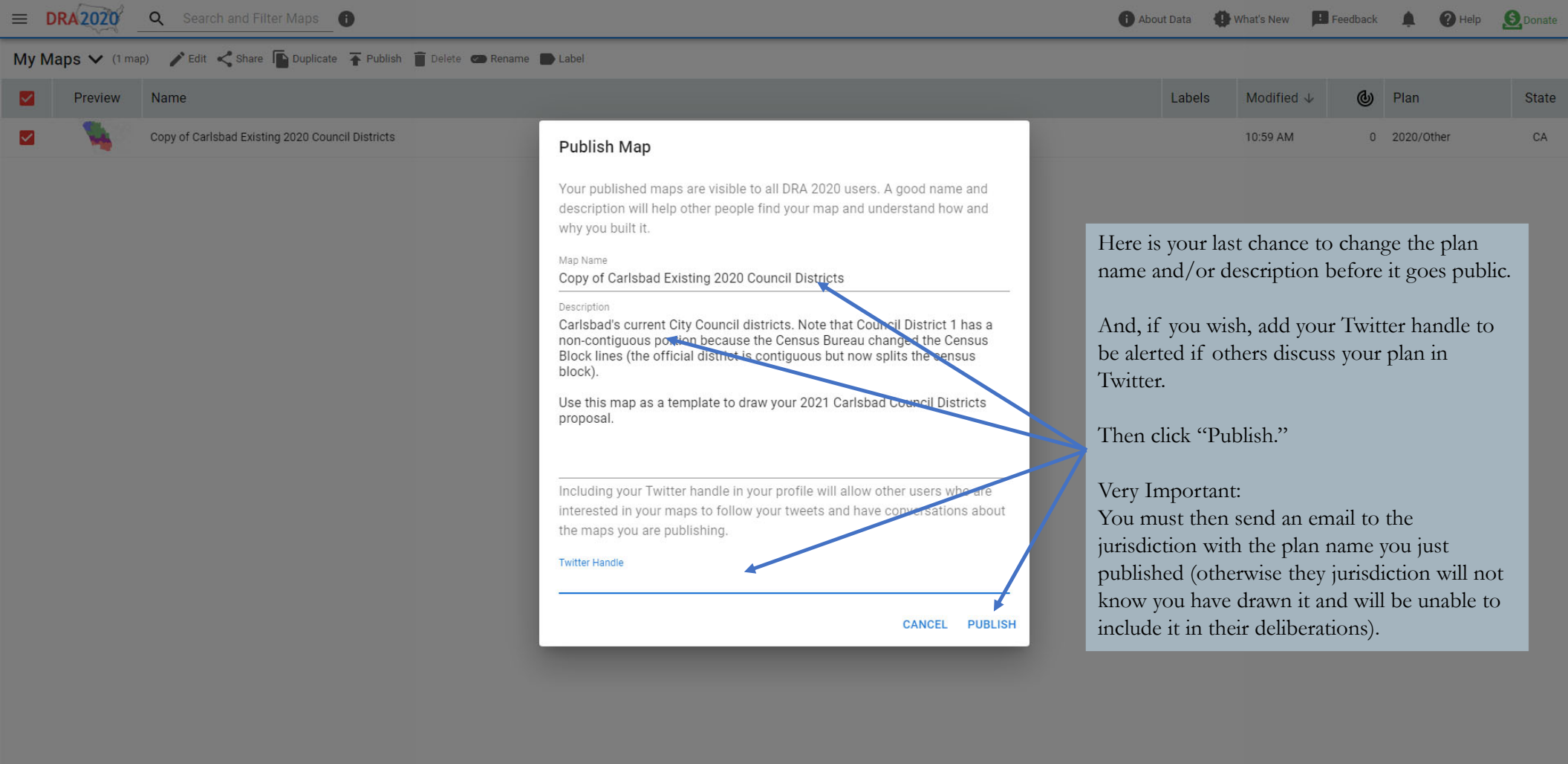
Navigation: DRA2020 Search and Filter Maps About Data What's New Feedback Help Donate

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).



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 position 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