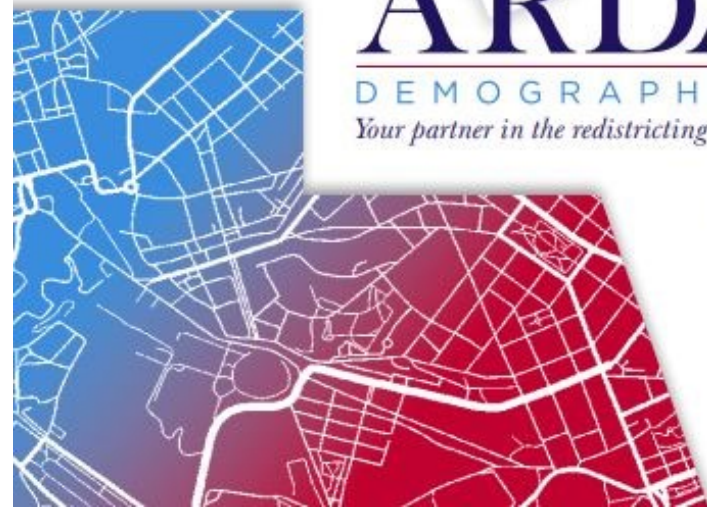


Dave's Redistricting Tutorial

By: ARDA Demographics



How to start Dave's Redistricting

Welcome to Dave's Redistricting

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

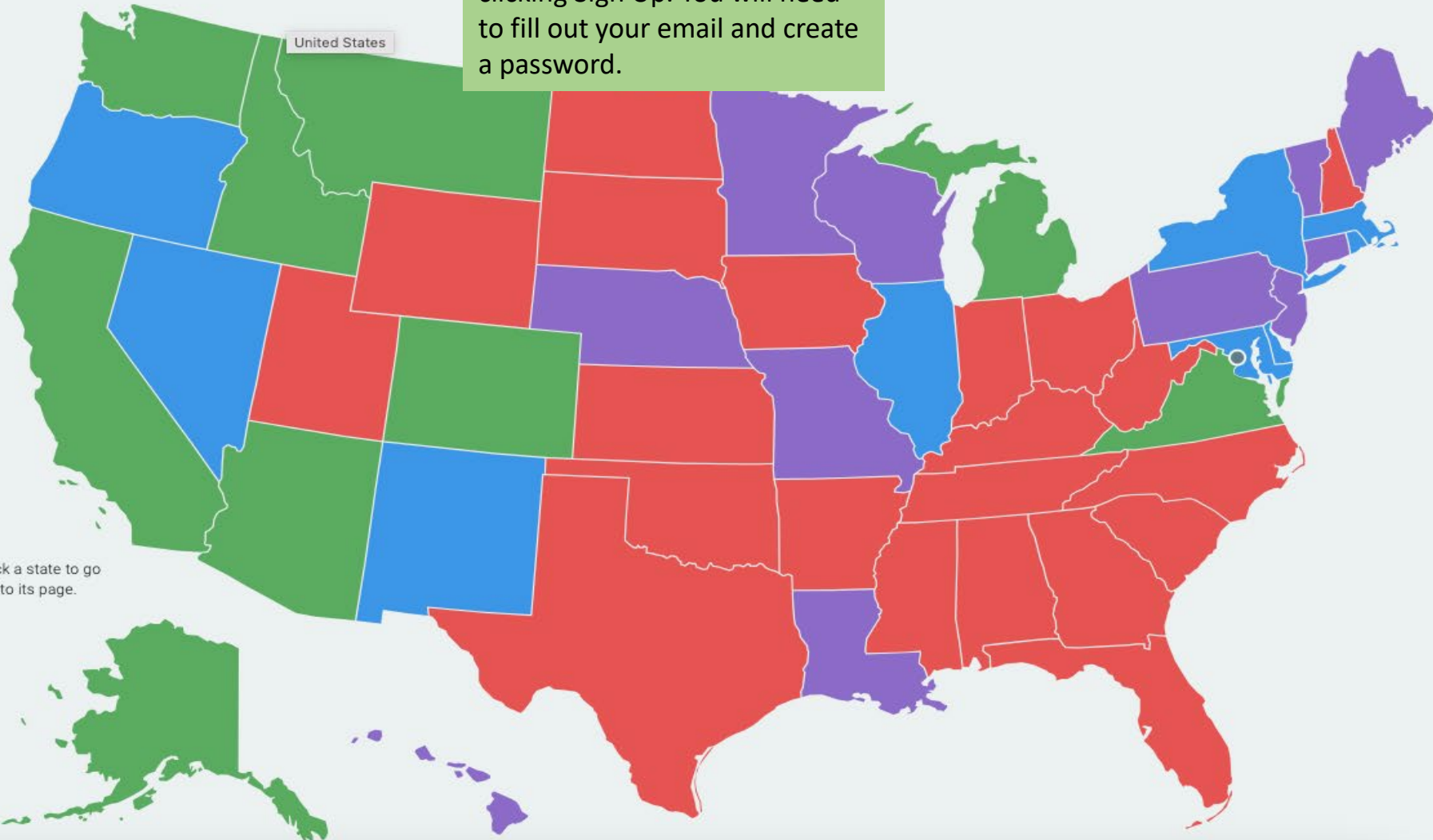
Step 2: Create an account by clicking Sign Up. You will need to fill out your email and create a password.



Partisan Redistricting Control

- Independent Commission
- Republican Control
- Split 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.

Montebello 1 0 -7,904,687

District Selector

District	Population	Deviation
Un	62,879	0
1	0	-7,904,687
2	0	-7,904,687
3	0	-7,904,687
4	0	-7,904,687
5	0	-7,904,687

District Details

Colors

Districts Only Current Map Colors Partisan Lean

Demographics

Precincts Partisan Lean Demographics

Opacity

Overlays

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

Custom Overlays

View Only County Precinct City 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	(-)

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

How to Begin

The screenshot displays the DRA 2020 software interface. At the top, the title bar reads "Copy of Montebello Map". The main map area shows the Montebello district with various streets and precinct boundaries. A blue arrow points from the map area towards the right-hand settings panel.

Top Left Panel: District Selector

District	Population	Deviation
Un	62,879	0
1	0	-12,576
2	0	-12,576
3	0	-12,576
4	0	-12,576
5	0	-12,576

Bottom Left Panel: Overlays

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

Right Panel: 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

Green Callout Boxes:

- Top: 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.
- Bottom: 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

Copy of Montebello Map

Use eraser to undo any assignments.

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

Use the "+" or "-" to zoom in or out.

Use + or - to zoom in or out.

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.

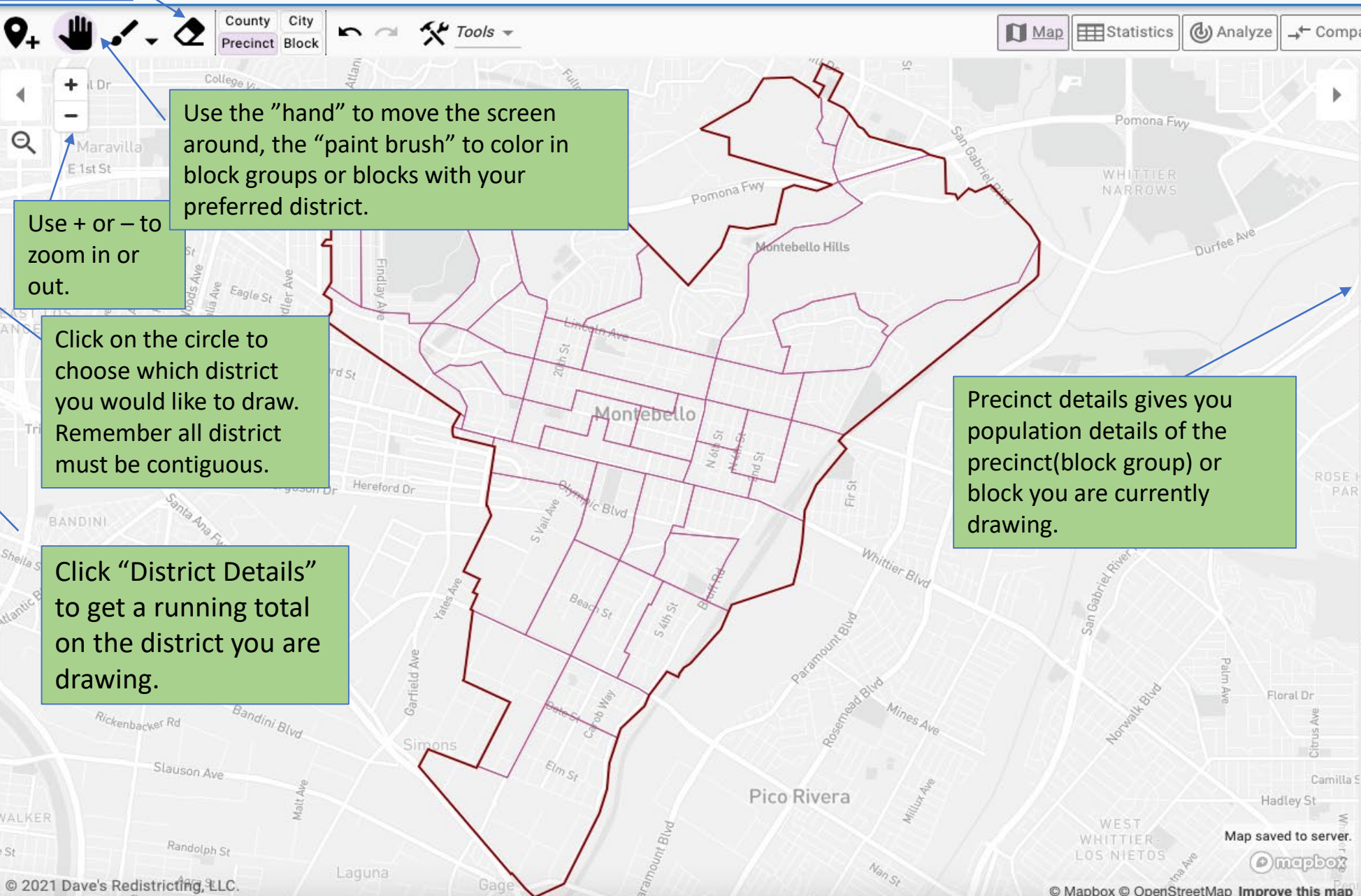
DRA2020

Montebello 1 0 -12,576

District	Population	Deviation
Un	62,879	0
1	0	-12,576
2	0	-12,576
3	0	-12,576
4	0	-12,576
5	0	-12,576

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

	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	()

Dave's Redistricting Details

Copy of Montebello Map

DR A 2020

County Precinct City Block

Tools

Map Statistics Analyze Compare Advanced

Montebello 12,119 -457

District Selector

District	Population	Deviation
Un	50,760	-457
1	12,119	-457
2	0	-12,576
3	0	-12,576
4	0	-12,576
5	0	-12,576

District Details

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

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	(-)

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

Dave's Redistricting Details

Montebello 12,119 -457

County Precinct City **Block**

Tools

Map Statistics Analyze Compare Advanced

District Selector			
District	Population	Deviation	
Un	50,760	-457	
1	12,119	-457	
2	0	-12,576	
3	0	-12,576	
4	0	-12,576	
5	0	-12,576	

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

Montebello 12,531 -45

District	Population	Deviation
Un	0	0
1	12,531	-45
2	12,776	200
3	12,177	-399
4	12,658	82
5	12,737	161

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	(-)

© 2021 Dave's Redistricting, E.L.C.

Map saved to server. mapbox

© Mapbox © OpenStreetMap Improve this map

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.

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.

Completed map should look like this. This is just a demonstration map only.

Dave's Redistricting Details

Copy of Montebello Map

Set Name and Description

Set the name and description for your map.

Map Name

Copy of Montebello Map

Description

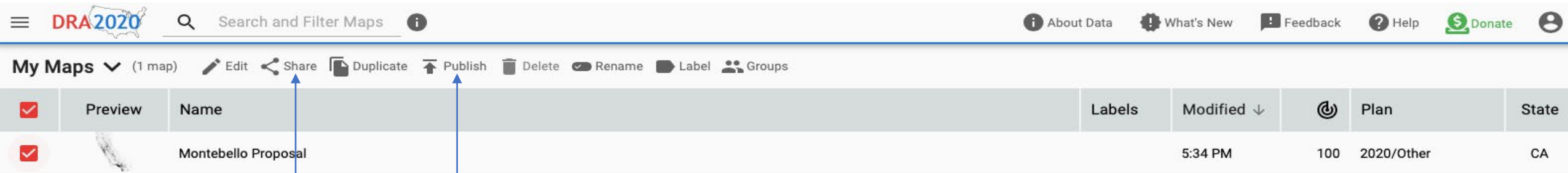
Blank template map of the City of Montebello for drawing your own proposal.

CANCEL

SUBMIT

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

Submitting Your Map



The screenshot shows the DRA2020 web interface. At the top, there is a navigation bar with a search bar labeled "Search and Filter Maps" and several utility links: "About Data", "What's New", "Feedback", "Help", "Donate", and a user profile icon. Below the navigation bar is a "My Maps" section with a dropdown menu showing "(1 map)". A toolbar contains icons for "Edit", "Share", "Duplicate", "Publish", "Delete", "Rename", "Label", and "Groups". Below the toolbar is a table with the following columns: "Preview", "Name", "Labels", "Modified", "Plan", and "State". The table contains one row for a map named "Montebello Proposal". The "Preview" column has a red checkmark icon. The "Modified" column shows "5:34 PM". The "Plan" column shows "2020/Other". The "State" column shows "CA". Two blue arrows point from a text box below to the "Share" and "Publish" buttons in the toolbar.

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 DRA2020 web interface. At the top, there is a navigation bar with a search bar labeled 'Search and Filter Maps' and several utility links: 'About Data', 'What's New', 'Feedback', 'Help', and 'Donate'. Below the navigation bar, there is a 'My Maps' section with a dropdown menu showing '(1 map)'. A toolbar contains icons for 'Edit', 'Share', 'Duplicate', 'Publish', 'Delete', 'Rename', 'Label', and 'Groups'. A table below the toolbar lists map details:

Preview	Name	Labels	Modified	Plan	State
<input checked="" type="checkbox"/>	Montebello Proposal		5:34 PM	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 is displayed, containing the following text and elements:

Share Map

Copy and then share this URL.

URL
<https://davesredistricting.org/join/0001da8d-f115-4b25-8386-07f0b1626aeb>

Allow Editing

REVOKE SHARING COPY DISMISS

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 Mtbdistrictelection@cityofmontebello.com

Publishing Your Map

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
Montebello Proposal

Description
This is my district proposal for the City of Montebello. The reason I came up with some of the boundaries are....

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 Mtbdistrictelection@cityofmontebello.com 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>