

Local Redistricting in DRA

October 5, 2023 | Redistricting Data Hub (RDH)

Agenda


1. Drawing a city or county map
2. Drawing a school board or other map
3. Analyzing local redistricting maps
4. Cautions for local redistricting
5. Other local data for redistricting
6. Questions?









Getting started in DRA

- ◆ Go to <https://davesredistricting.org> and select login or signup

Getting started in DRA





[LOG IN](#) [SIGN UP](#)     [Donate](#) 

Welcome to Dave's Redistricting

Empowering Citizens
to Advocate for
Fair and Transparent Redistricting

Create, Analyze and Share
District Maps
with
DRA 2020

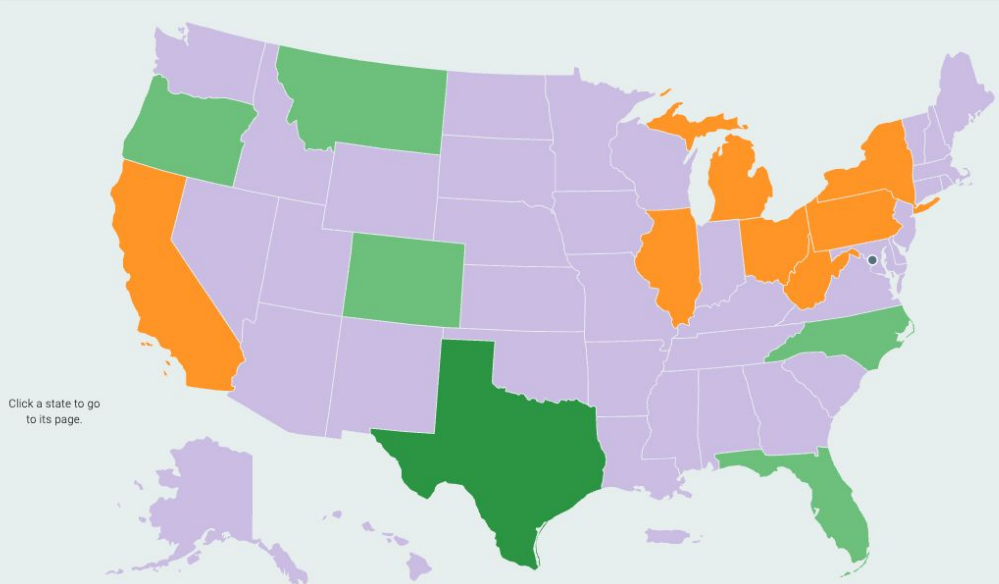
[PICK A STATE](#) [LEARN MORE](#)

[SUPPORTERS](#)

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Apportionment Gains/Losses

- Lose 1 Seat
- No change
- Gain 1 Seat
- Gain 2 Seats

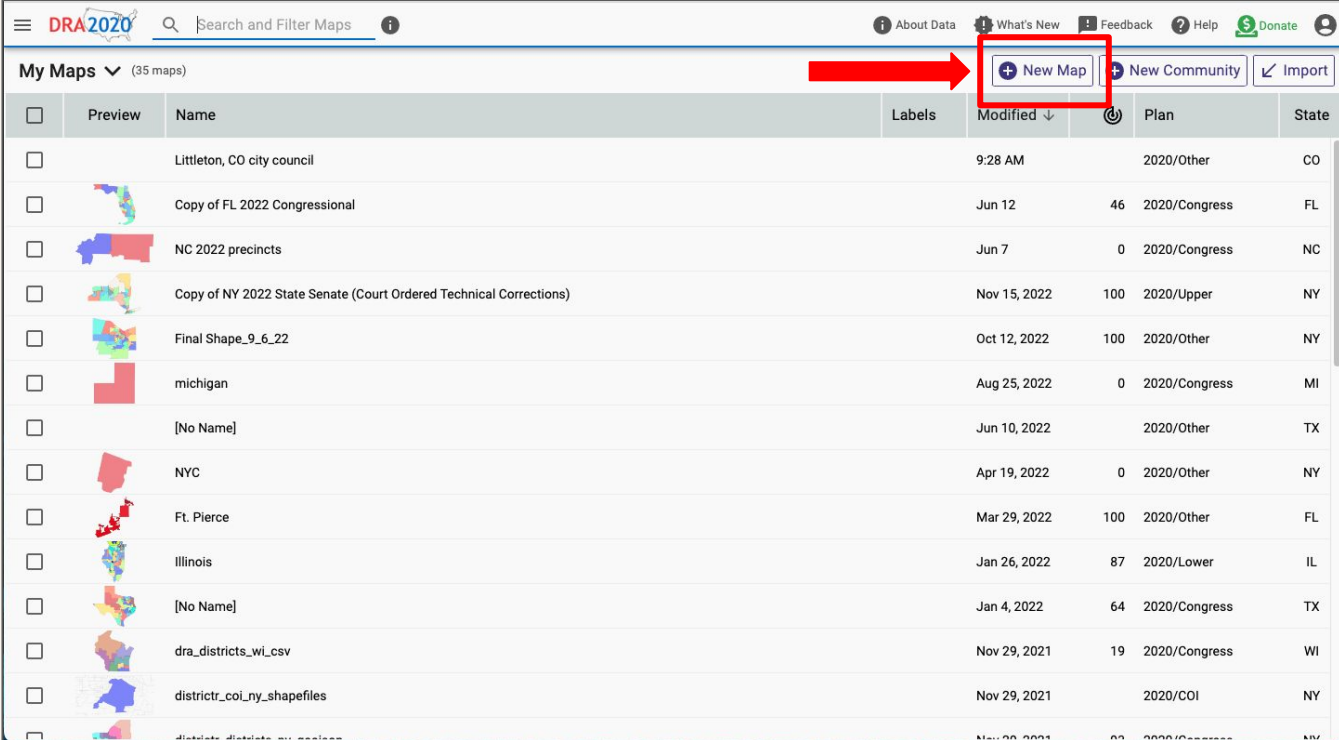


Click a state to go to its page.

Drawing a city or county plan













- ◆ Go to <https://davesredistricting.org> and select login or signup
- ◆ **Click “New Map”**

Drawing a city or county plan



The screenshot shows the DRA2020 website interface. At the top, there is a navigation bar with a search bar labeled 'Search and Filter Maps' and several links: 'About Data', 'What's New', 'Feedback', 'Help', and 'Donate'. Below the navigation bar, the 'My Maps' section is visible, showing a list of 35 maps. A red arrow points to the '+ New Map' button in the top right corner of the map list area.

My Maps (35 maps)

| <input type="checkbox"/> | Preview | Name | Labels | Modified ↓ | Plan | State |
|--------------------------|---|--|--------|--------------|------------------|-------|
| <input type="checkbox"/> | | Littleton, CO city council | | 9:28 AM | 2020/Other | CO |
| <input type="checkbox"/> |  | Copy of FL 2022 Congressional | | Jun 12 | 46 2020/Congress | FL |
| <input type="checkbox"/> |  | NC 2022 precincts | | Jun 7 | 0 2020/Congress | NC |
| <input type="checkbox"/> |  | Copy of NY 2022 State Senate (Court Ordered Technical Corrections) | | Nov 15, 2022 | 100 2020/Upper | NY |
| <input type="checkbox"/> |  | Final Shape_9_6_22 | | Oct 12, 2022 | 100 2020/Other | NY |
| <input type="checkbox"/> |  | michigan | | Aug 25, 2022 | 0 2020/Congress | MI |
| <input type="checkbox"/> | | [No Name] | | Jun 10, 2022 | 2020/Other | TX |
| <input type="checkbox"/> |  | NYC | | Apr 19, 2022 | 0 2020/Other | NY |
| <input type="checkbox"/> |  | Ft. Pierce | | Mar 29, 2022 | 100 2020/Other | FL |
| <input type="checkbox"/> |  | Illinois | | Jan 26, 2022 | 87 2020/Lower | IL |
| <input type="checkbox"/> |  | [No Name] | | Jan 4, 2022 | 64 2020/Congress | TX |
| <input type="checkbox"/> |  | dra_districts_wi_csv | | Nov 29, 2021 | 19 2020/Congress | WI |
| <input type="checkbox"/> |  | districtr_coi_ny_shapefiles | | Nov 29, 2021 | 2020/COI | NY |
| <input type="checkbox"/> |  | districtr_coi_ny_shapefiles | | Nov 29, 2021 | 2020/COI | NY |

Drawing a city or county plan

- ◆ Go to <https://davesredistricting.org> and select login or signup
- ◆ Click “New Map”
- ◆ **Give your map a name**
- ◆ **Select your state**
- ◆ **Select updated precincts if applicable**
- ◆ **Select plan type as “other” and restrict to county or city**
- ◆ **Select number of districts (check multimember districts, if applicable)**

Drawing a city or county plan

The screenshot shows the DRA2020 web application interface. At the top, there is a navigation bar with the DRA2020 logo, a search bar, and links for About Data, What's New, Feedback, Help, and Donate. Below the navigation bar, there is a section titled 'My Maps' with a dropdown arrow and '(35 maps)'. This section contains a table with columns for 'Preview', 'Name', and 'Labels'. The table lists various maps, including 'Littleton, CO city council', 'Copy of FL 2022 Congressional', 'NC 2022 precincts', 'Copy of NY 2022 State Senate (Court Ordered Technical Corrections)', 'Final Shape_9_6_22', 'michigan', '[No Name]', 'NYC', 'Ft. Pierce', 'Illinois', '[No Name]', 'dra_districts_wi_csv', and 'districtr_coi_ny_shapefiles'. To the right of the table, a 'Map Settings' dialog box is open, highlighted by a red rectangle. A red arrow points to the dialog box from the right. The dialog box contains fields for 'Map Name', 'State', 'Shapes' (set to '2020 Precincts'), 'Plan Type' (set to 'Other'), 'Restrict To' (set to 'Entire State'), 'District Count' (set to '0'), 'Allow MMD' (checkbox), 'Districts Have Equal Population' (checkbox, checked), and a 'Change Palette' button. At the bottom of the dialog box, there are 'APPLY' and 'CANCEL' buttons.

My Maps (35 maps)

| Preview | Name | Labels |
|--------------------------|--|--------|
| <input type="checkbox"/> | Littleton, CO city council | |
| <input type="checkbox"/> | Copy of FL 2022 Congressional | |
| <input type="checkbox"/> | NC 2022 precincts | |
| <input type="checkbox"/> | Copy of NY 2022 State Senate (Court Ordered Technical Corrections) | |
| <input type="checkbox"/> | Final Shape_9_6_22 | |
| <input type="checkbox"/> | michigan | |
| <input type="checkbox"/> | [No Name] | |
| <input type="checkbox"/> | NYC | |
| <input type="checkbox"/> | Ft. Pierce | |
| <input type="checkbox"/> | Illinois | |
| <input type="checkbox"/> | [No Name] | |
| <input type="checkbox"/> | dra_districts_wi_csv | |
| <input type="checkbox"/> | districtr_coi_ny_shapefiles | |

Map Settings

Map Name _____

State _____

Shapes 2020 Precincts

Plan Type Other

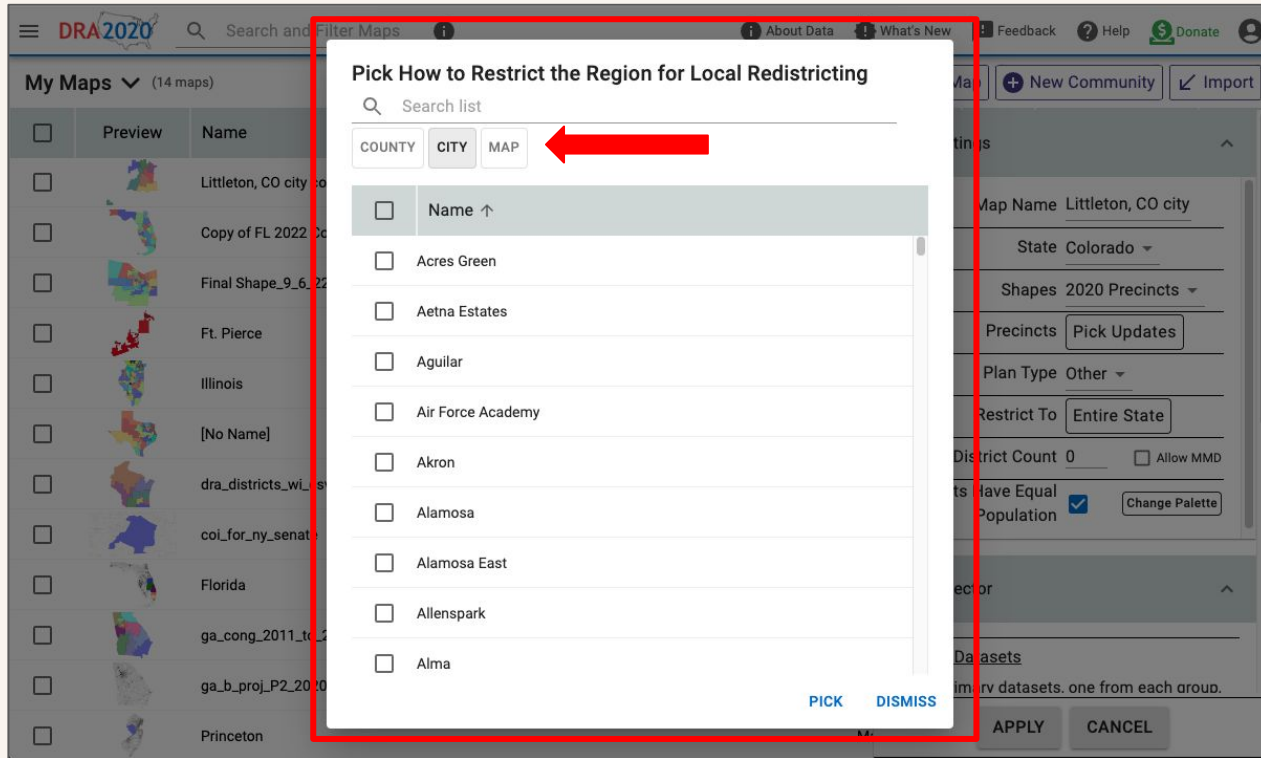
Restrict To Entire State

District Count 0 ☐ Allow MMD

Districts Have Equal Population ☒ [Change Palette](#)

APPLY CANCEL

Drawing a city or county plan



Drawing a city or county plan

The screenshot shows the DRA2020 web application interface. A modal titled "Pick How to Restrict the Region for Local Redistricting" is open in the center. The modal has a search bar with the text "littl" and a red arrow pointing to it. Below the search bar are three buttons: "COUNTY", "CITY", and "MAP". The "CITY" button is selected. Below these buttons are two checkboxes: "Name ↑" and "Littleton". The "Name ↑" checkbox is selected. At the bottom of the modal are two buttons: "PICK" and "DISMISS".

Pick How to Restrict the Region for Local Redistricting

Search: littl

COUNTY CITY MAP

☒ Name ↑

☐ Littleton

PICK DISMISS

Drawing a city or county plan

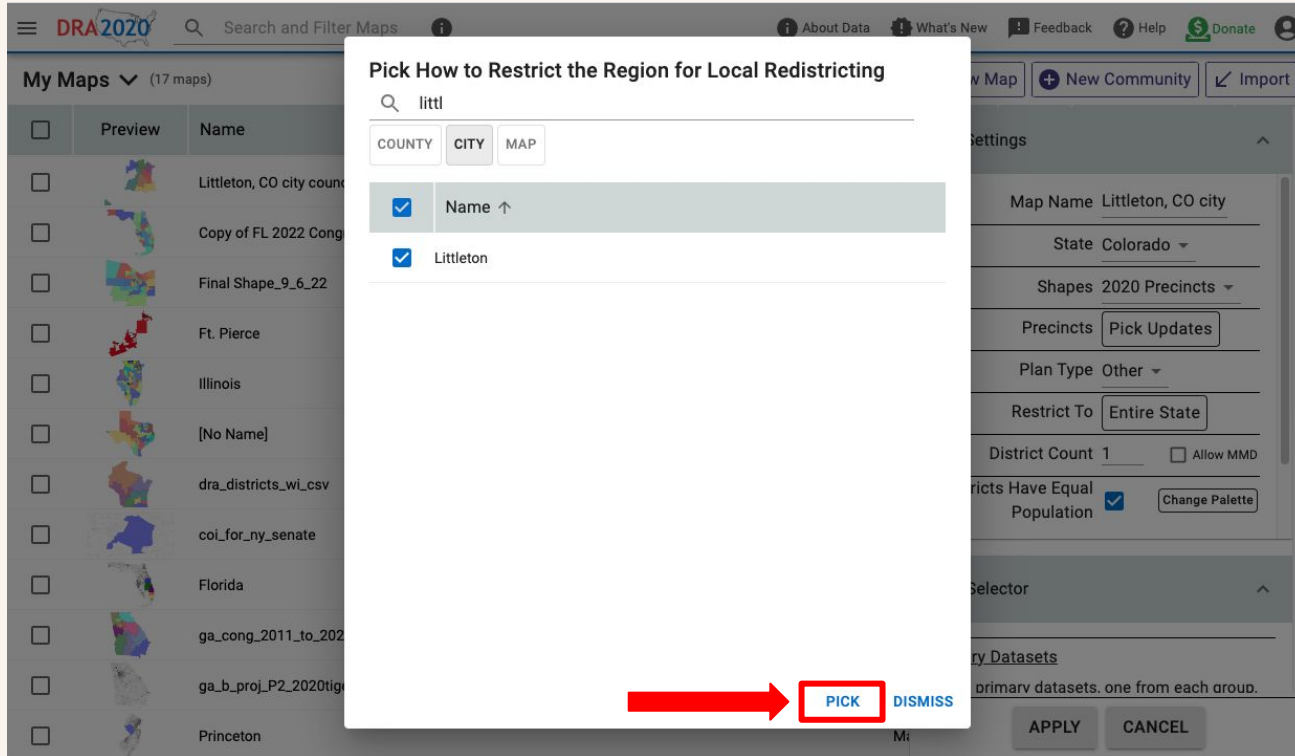
The screenshot shows the DRA2020 web application interface. On the left, a list of maps is displayed under the heading "My Maps (17 maps)". The list includes maps like "Littleton, CO city cou...", "Copy of FL 2022 Cor...", "Final Shape_9_6_22...", "Ft. Pierce", "Illinois", "[No Name]", "dra_districts_wi_csv", "coi_for_ny_senate", "Florida", "ga_cong_2011_to_202...", "ga_b_proj_P2_2020tig...", and "Princeton". Each map entry has a checkbox and a preview thumbnail.

A modal dialog titled "Pick How to Restrict the Region for Local Redistricting" is open in the center. It has a search bar with the text "littl". Below the search bar are three tabs: "COUNTY", "CITY", and "MAP". The "CITY" tab is selected. Under the "CITY" tab, there are two options, each with a checked checkbox: "Name ↑" and "Littleton".

A red arrow points from the bottom of the modal dialog to the "CITY" tab. At the bottom of the modal, there are two buttons: "PICK" and "DISMISS".

On the right side of the screen, a settings panel is visible. It includes fields for "Map Name" (Littleton, CO city), "State" (Colorado), "Shapes" (2020 Precincts), "Precincts" (Pick Updates), "Plan Type" (Other), "Restrict To" (Entire State), "District Count" (1), "Allow MMD" (unchecked), "Districts Have Equal Population" (checked), and "Change Palette". At the bottom of the settings panel are "APPLY" and "CANCEL" buttons.

Drawing a city or county plan



Drawing a city or county plan

The screenshot shows the DRA2020 web application interface. At the top, there is a navigation bar with the DRA2020 logo, a search bar, and links for About Data, What's New, Feedback, Help, and Donate. Below the navigation bar, there is a section titled 'My Maps' with a dropdown arrow and '(14 maps)'. To the right of this section are buttons for '+ New Map', '+ New Community', and 'Import'. Below the 'My Maps' section is a table listing 14 maps. The table has columns for a checkbox, a preview image, the map name, and a 'Labels' column. The maps listed are: Littleton, CO city council; Copy of FL 2022 Congressional; Final Shape_9_6_22; Ft. Pierce; Illinois; [No Name]; dra_districts_wi_csv; coi_for_ny_senate; Florida; ga_cong_2011_to_2021; ga_b_proj_P2_2020tiger; and Princeton. To the right of the map list, a 'Map Settings' dialog box is open, highlighted with a red border. The dialog box contains the following settings: Map Name: Littleton, CO city; State: Colorado; Shapes: 2020 Precincts; Precincts: Pick Updates; Plan Type: Other; Restrict To: Littleton; District Count: 7; Allow MMD: unchecked; Districts Have Equal Population: checked; and a Change Palette button. Below the Map Settings dialog box is a 'Data Selector' section with a Primary Datasets subsection and a text prompt: 'Select primary datasets. one from each group.' At the bottom of the Data Selector section are 'APPLY' and 'CANCEL' buttons.

| <input type="checkbox"/> | Preview | Name | Labels |
|--------------------------|---------|-------------------------------|--------|
| <input type="checkbox"/> | | Littleton, CO city council | |
| <input type="checkbox"/> | | Copy of FL 2022 Congressional | |
| <input type="checkbox"/> | | Final Shape_9_6_22 | |
| <input type="checkbox"/> | | Ft. Pierce | |
| <input type="checkbox"/> | | Illinois | |
| <input type="checkbox"/> | | [No Name] | |
| <input type="checkbox"/> | | dra_districts_wi_csv | |
| <input type="checkbox"/> | | coi_for_ny_senate | |
| <input type="checkbox"/> | | Florida | |
| <input type="checkbox"/> | | ga_cong_2011_to_2021 | |
| <input type="checkbox"/> | | ga_b_proj_P2_2020tiger | |
| <input type="checkbox"/> | | Princeton | |

Map Settings

Map Name

State

Shapes

Precincts

Plan Type

Restrict To

District Count ☐ Allow MMD

Districts Have Equal Population ☒

Data Selector

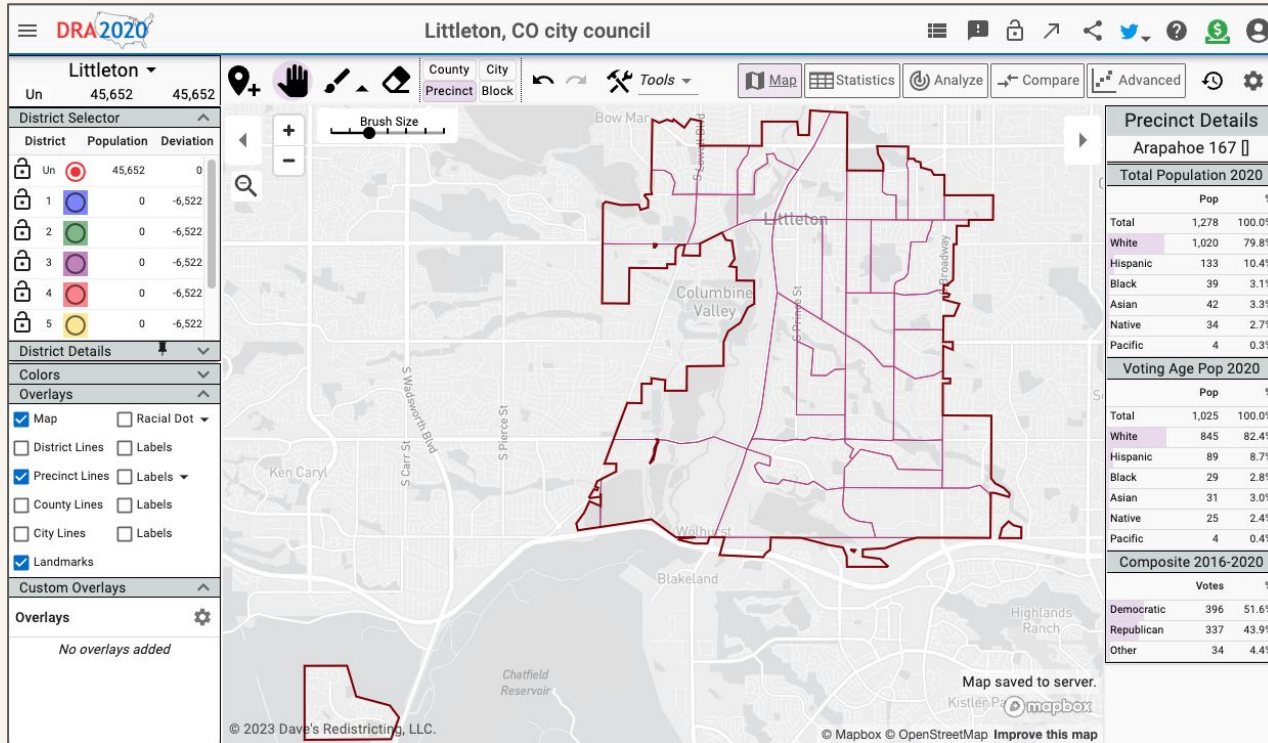
Primary Datasets

Select primary datasets. one from each group.

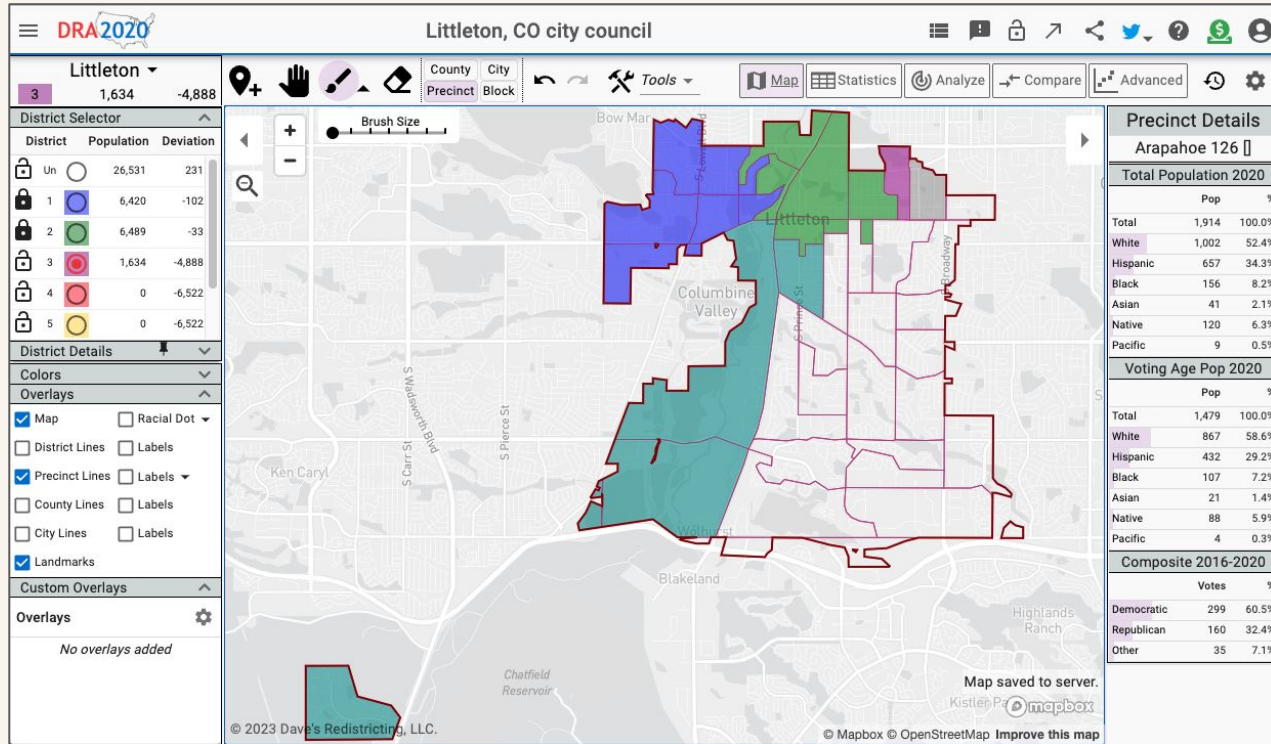
Drawing a city or county plan

- ◆ Go to <https://davesredistricting.org> and select login or signup
- ◆ Click “New Map”
- ◆ Give your map a name
- ◆ Select your state
- ◆ Select updated precincts if applicable
- ◆ Select plan type as “other” and restrict to county or city
- ◆ Select number of districts (check multimember districts, if applicable)
- ◆ **Draw your map**

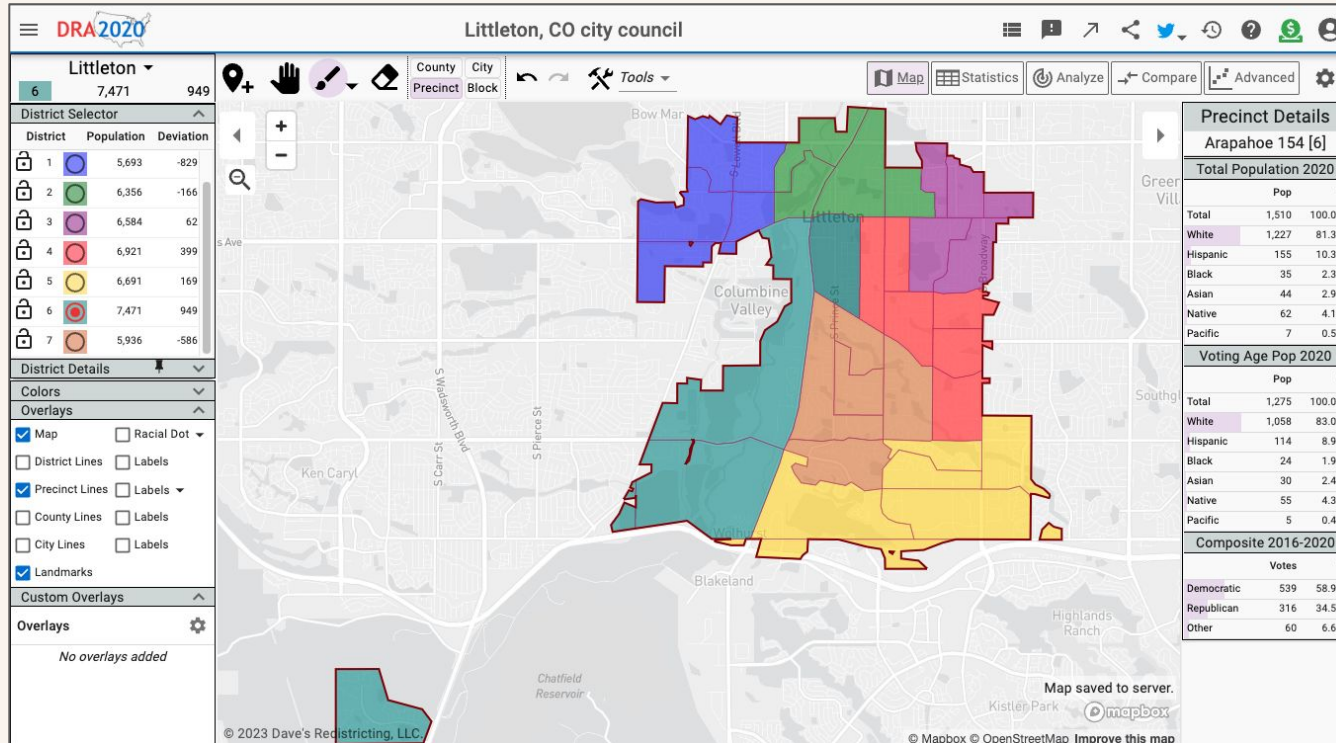
Drawing a city or county plan



Drawing a city or county plan



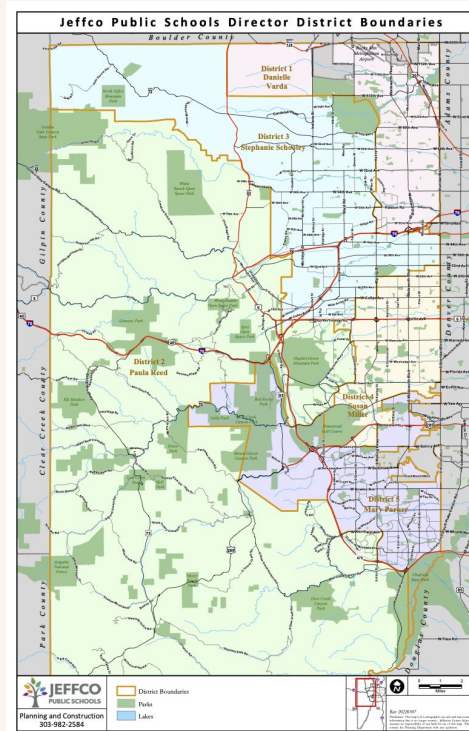
Drawing a city or county plan



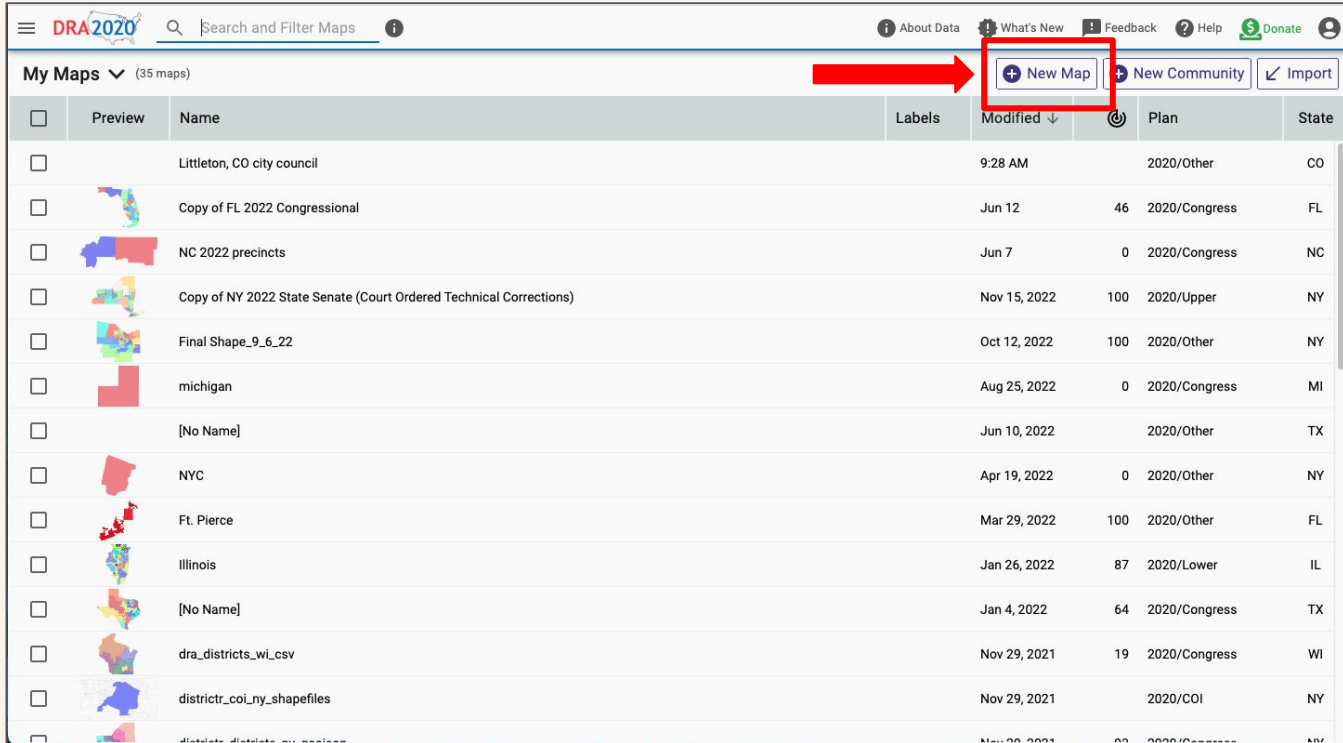
Drawing other local plans

- ◆ What about school boards or other local jurisdiction?
 - a. Another DRA user may have created the map
 - b. Draw the map by creating a single district map (“Other” plan type) and selecting the areas to be included in the local jurisdiction to be in the district. Save the map, then create a new map and select the single district map to redistrict













Drawing other local plans



Drawing other local plans



The screenshot shows the DRA2020 website interface. At the top, there is a navigation bar with a search bar labeled "Search and Filter Maps" and several links: "About Data", "What's New", "Feedback", "Help", and "Donate". Below the navigation bar, there is a section titled "My Maps" with a dropdown arrow and "(35 maps)". To the right of this section, there are three buttons: "+ New Map", "+ New Community", and "Import". A red arrow points to the "+ New Map" button. Below these buttons is a table listing various maps.

| <input type="checkbox"/> | Preview | Name | Labels | Modified ↓ | Plan | State |
|--------------------------|---|--|--------|--------------|------------------|-------|
| <input type="checkbox"/> | | Littleton, CO city council | | 9:28 AM | 2020/Other | CO |
| <input type="checkbox"/> |  | Copy of FL 2022 Congressional | | Jun 12 | 46 2020/Congress | FL |
| <input type="checkbox"/> |  | NC 2022 precincts | | Jun 7 | 0 2020/Congress | NC |
| <input type="checkbox"/> |  | Copy of NY 2022 State Senate (Court Ordered Technical Corrections) | | Nov 15, 2022 | 100 2020/Upper | NY |
| <input type="checkbox"/> |  | Final Shape_9_6_22 | | Oct 12, 2022 | 100 2020/Other | NY |
| <input type="checkbox"/> |  | michigan | | Aug 25, 2022 | 0 2020/Congress | MI |
| <input type="checkbox"/> | | [No Name] | | Jun 10, 2022 | 2020/Other | TX |
| <input type="checkbox"/> |  | NYC | | Apr 19, 2022 | 0 2020/Other | NY |
| <input type="checkbox"/> |  | Ft. Pierce | | Mar 29, 2022 | 100 2020/Other | FL |
| <input type="checkbox"/> |  | Illinois | | Jan 26, 2022 | 87 2020/Lower | IL |
| <input type="checkbox"/> |  | [No Name] | | Jan 4, 2022 | 64 2020/Congress | TX |
| <input type="checkbox"/> |  | dra_districts_wi_csv | | Nov 29, 2021 | 19 2020/Congress | WI |
| <input type="checkbox"/> |  | districtr_coi_ny_shapefiles | | Nov 29, 2021 | 2020/COI | NY |
| <input type="checkbox"/> |  | districtr_coi_ny_shapefiles | | Nov 29, 2021 | 2020/COI | NY |

Drawing other local plans

The screenshot shows the DRA2020 web application interface. At the top, there is a navigation bar with the DRA2020 logo, a search bar, and links for About Data, What's New, Feedback, Help, and Donate. Below the navigation bar, there is a section titled 'My Maps' with a dropdown arrow and '(14 maps)'. This section contains a table with columns for 'Preview', 'Name', and 'Labels'. The table lists 14 maps, each with a checkbox, a preview image, and a name. A red box highlights the 'Map Settings' dialog box, which is open over the table. The dialog box has a title bar 'Map Settings' and a close button. It contains several fields: 'Map Name' (JeffCo SB), 'State' (Colorado), 'Shapes' (2020 Precincts), 'Precincts' (Pick Updates), 'Plan Type' (Other), 'Restrict To' (Entire State), 'District Count' (1), 'Allow MMD' (checkbox), 'Districts Have Equal Population' (checkbox), and 'Change Palette' (button). Below these fields is a 'Data Selector' section with a title bar and a list of 'Primary Datasets'. The 'Data Selector' section is currently empty. At the bottom of the dialog box are 'APPLY' and 'CANCEL' buttons.

| | Preview | Name | Labels |
|--------------------------|---------|-------------------------------|--------|
| <input type="checkbox"/> | | Littleton, CO city council | |
| <input type="checkbox"/> | | Copy of FL 2022 Congressional | |
| <input type="checkbox"/> | | Final Shape_9_6_22 | |
| <input type="checkbox"/> | | Ft. Pierce | |
| <input type="checkbox"/> | | Illinois | |
| <input type="checkbox"/> | | [No Name] | |
| <input type="checkbox"/> | | dra_districts_wl_csv | |
| <input type="checkbox"/> | | col_for_ny_senate | |
| <input type="checkbox"/> | | Florida | |
| <input type="checkbox"/> | | ga_cong_2011_to_2021 | |
| <input type="checkbox"/> | | ga_b_proj_P2_2020tiger | |
| <input type="checkbox"/> | | Princeton | |

Map Settings

Map Name: JeffCo SB

State: Colorado

Shapes: 2020 Precincts

Precincts: [Pick Updates](#)

Plan Type: Other

Restrict To: Entire State

District Count: 1 ☐ Allow MMD

Districts Have Equal Population: ☒ [Change Palette](#)

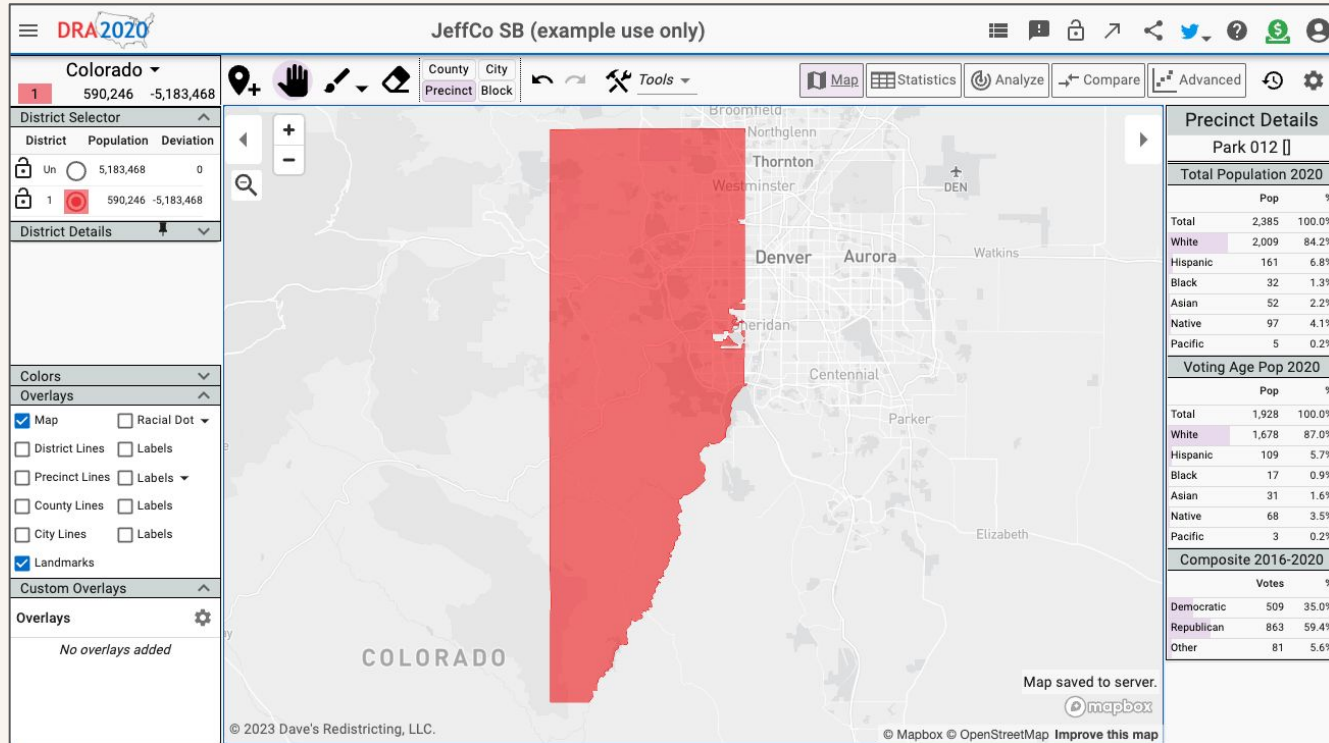
Data Selector

Primary Datasets

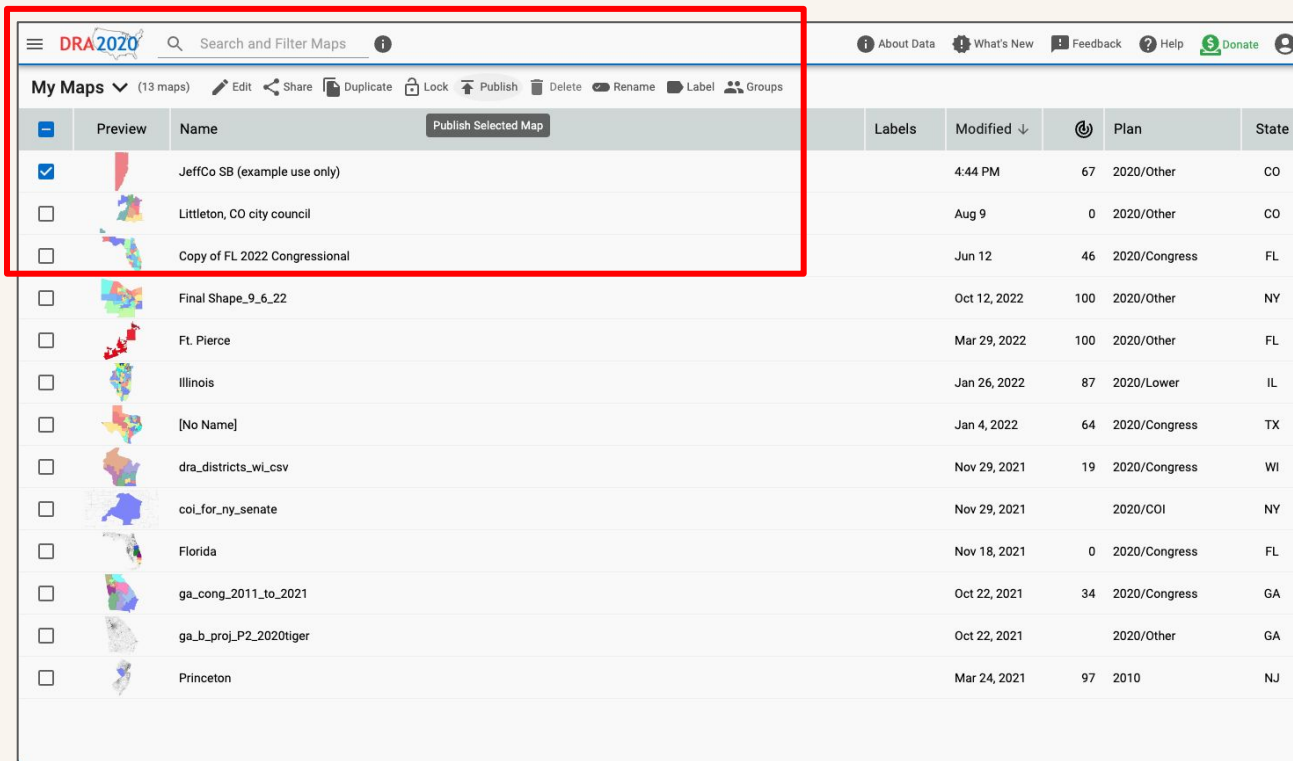
Select primary datasets, one from each group.

[APPLY](#) [CANCEL](#)

Drawing other local plans



Drawing other local plans



| Labels | Modified ↓ | Plan | State |
|--------|--------------|------------------|-------|
| | 4:44 PM | 67 2020/Other | CO |
| | Aug 9 | 0 2020/Other | CO |
| | Jun 12 | 46 2020/Congress | FL |
| | Oct 12, 2022 | 100 2020/Other | NY |
| | Mar 29, 2022 | 100 2020/Other | FL |
| | Jan 26, 2022 | 87 2020/Lower | IL |
| | Jan 4, 2022 | 64 2020/Congress | TX |
| | Nov 29, 2021 | 19 2020/Congress | WI |
| | Nov 29, 2021 | 2020/COI | NY |
| | Nov 18, 2021 | 0 2020/Congress | FL |
| | Oct 22, 2021 | 34 2020/Congress | GA |
| | Oct 22, 2021 | 2020/Other | GA |
| | Mar 24, 2021 | 97 2010 | NJ |

Drawing other local plans

The screenshot shows the DRA2020 web application interface. The top navigation bar includes the DRA2020 logo, a search bar, and links for About Data, What's New, Feedback, Help, and Donate. Below the navigation bar, the 'My Maps' section is highlighted with a red box. It displays a list of maps with columns for Preview, Name, and a 'Publish Selected Map' button. A red arrow points to this button. The table below the list shows details for each map, including Labels, Modified date, Plan, and State.

| Preview | Name | Labels | Modified ↓ | Plan | State |
|-------------------------------------|-------------------------------|--------|--------------|------------------|-------|
| <input checked="" type="checkbox"/> | JeffCo SB (example use only) | | 4:44 PM | 67 2020/Other | CO |
| <input type="checkbox"/> | Littleton, CO city council | | Aug 9 | 0 2020/Other | CO |
| <input type="checkbox"/> | Copy of FL 2022 Congressional | | Jun 12 | 46 2020/Congress | FL |
| <input type="checkbox"/> | Final Shape_9_6_22 | | Oct 12, 2022 | 100 2020/Other | NY |
| <input type="checkbox"/> | Ft. Pierce | | Mar 29, 2022 | 100 2020/Other | FL |
| <input type="checkbox"/> | Illinois | | Jan 26, 2022 | 87 2020/Lower | IL |
| <input type="checkbox"/> | [No Name] | | Jan 4, 2022 | 64 2020/Congress | TX |
| <input type="checkbox"/> | dra_districts_wi_csv | | Nov 29, 2021 | 19 2020/Congress | WI |
| <input type="checkbox"/> | coi_for_ny_senate | | Nov 29, 2021 | 2020/COI | NY |
| <input type="checkbox"/> | Florida | | Nov 18, 2021 | 0 2020/Congress | FL |
| <input type="checkbox"/> | ga_cong_2011_to_2021 | | Oct 22, 2021 | 34 2020/Congress | GA |
| <input type="checkbox"/> | ga_b_proj_P2_2020tiger | | Oct 22, 2021 | 2020/Other | GA |
| <input type="checkbox"/> | Princeton | | Mar 24, 2021 | 97 2010 | NJ |

Drawing other local plans

Navigation bar: [DRA2020](#) | | [About Data](#) | [What's New](#) | [Feedback](#) | [Help](#) | [Donate](#)

My Maps (13 maps)

[+ New Map](#) | [+ New Community](#) | [Import](#)

| <input type="checkbox"/> | Preview | Name | Labels | Modified ↓ | | Plan | State |
|--------------------------|---------|-------------------------------|--------|--------------|-----|---------------|-------|
| <input type="checkbox"/> | | JeffCo SB (example use only) | | 4:22 PM | 67 | 2020/Other | CO |
| <input type="checkbox"/> | | Littleton, CO city council | | Aug 9 | 0 | 2020/Other | CO |
| <input type="checkbox"/> | | Copy of FL 2022 Congressional | | Jun 12 | 46 | 2020/Congress | FL |
| <input type="checkbox"/> | | Final Shape_9_6_22 | | Oct 12, 2022 | 100 | 2020/Other | NY |
| <input type="checkbox"/> | | Ft. Pierce | | Mar 29, 2022 | 100 | 2020/Other | FL |
| <input type="checkbox"/> | | Illinois | | Jan 26, 2022 | 87 | 2020/Lower | IL |
| <input type="checkbox"/> | | [No Name] | | Jan 4, 2022 | 64 | 2020/Congress | TX |
| <input type="checkbox"/> | | dra_districts_wi_csv | | Nov 29, 2021 | 19 | 2020/Congress | WI |
| <input type="checkbox"/> | | coi_for_ny_senate | | Nov 29, 2021 | | 2020/COI | NY |
| <input type="checkbox"/> | | Florida | | Nov 18, 2021 | 0 | 2020/Congress | FL |
| <input type="checkbox"/> | | ga_cong_2011_to_2021 | | Oct 22, 2021 | 34 | 2020/Congress | GA |
| <input type="checkbox"/> | | ga_b_proj_P2_2020tiger | | Oct 22, 2021 | | 2020/Other | GA |
| <input type="checkbox"/> | | Princeton | | Mar 24, 2021 | 97 | 2010 | NJ |

Drawing other local plans

The screenshot shows the davesredistricting.org/maps# web application. A modal titled "Pick How to Restrict the Region for Local Redistricting" is open, highlighting the "MAP" selection option with a red arrow. The modal contains a search bar and a table of available maps.

Modal Title: Pick How to Restrict the Region for Local Redistricting

Search Bar: Search list

Selection Options: COUNTY, CITY, **MAP** (highlighted with a red arrow)

Restriction Note: Restrict districting by specifying a map with a single district painting the region to redistrict.

| | | | Modified |
|--------------------------|---|-------|-------------|
| <input type="checkbox"/> | CFND Large COIs - Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - Adams County, Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - Arapahoe County, Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - Boulder County, Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - Denver County, Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - El Paso County, Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - Jefferson County, Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - Larimer County, Colorado | jsyme | Dec 9, 2021 |
| <input type="checkbox"/> | CFND Medium COIs - Weld County, Colorado | jsyme | Dec 9, 2021 |

Buttons: PICK, DISMISS

Background Interface:

- My Maps (13 maps):** List of maps including JeffCo SB, Littleton, CO city council, Copy of FL 2022 Congressional, Final Shape_9_6_22, Ft. Pierce, Illinois, [No Name], dra_districts_wi.csv, coi_for_ny_senate, Florida, ga_cong_2011_to_2021, ga_b_proj_P2_2020tiger, and Princeton.
- Map Settings:** Map Name: JeffCo SB, State: Colorado, Shapes: 2020 Precincts, Precincts: Pick Updates, Plan Type: Other, Restrict To: Entire State, District Count: 0, Allow MMD: ☐, Districts Have Equal Population: ☒, Change Palette.
- 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 Population 2020.
- Buttons:** APPLY, CANCEL.

Drawing other local plans

The screenshot shows the web application davesredistricting.org/maps#. A modal titled "Pick How to Restrict the Region for Local Redistricting" is open, highlighting the search and selection process. The modal includes a search bar with "jeffco" entered, tabs for "COUNTY", "CITY", and "MAP", and a table of results.

Modal Title: Pick How to Restrict the Region for Local Redistricting

Search: jeffco

Tabs: COUNTY CITY MAP

| <input type="checkbox"/> | Name ↑ | Owner | Modified |
|--------------------------|------------------------------|-------|----------|
| <input type="checkbox"/> | JeffCo SB (example use only) | kate | 4:29 PM |

Buttons: PICK DISMISS

Background Interface:

- My Maps:** (13 maps) - List of maps including JeffCo SB, Littleton, CO city council, Copy of FL 2022 Congressional, Final Shape_9_6_22, FL Pierce, Illinois, [No Name], dra_districts_wi_csv, col_for_ny_senate, Florida, ga_cong_2011_to_2021, ga_b_proj_P2_2020tiger, and Princeton.
- Map Settings:** Map Name: JeffCo SB, State: Colorado, Shapes: 2020 Precincts, Plan Type: Other, Restrict To: Entire State, District Count: 0, Districts Have Equal Population: ☒, Data Selector: Primary Datasets.

Drawing other local plans

The screenshot shows the davesredistricting.org/maps# website. A modal titled "Pick How to Restrict the Region for Local Redistricting" is open, displaying a search bar with "jeffco" and a table of maps. A red box highlights the modal, and a red arrow points to the "JeffCo SB (example use only)" entry in the table.

Pick How to Restrict the Region for Local Redistricting

Search: jeffco

COUNTY CITY MAP

| <input checked="" type="checkbox"/> | Name ↑ | Owner | Modified |
|-------------------------------------|------------------------------|-------|----------|
| <input checked="" type="checkbox"/> | JeffCo SB (example use only) | kate | 4:29 PM |

PICK DISMISS

Map Settings

Map Name: JeffCo SB

State: Colorado

Shapes: 2020 Precincts

Precincts: Pick Updates

Plan Type: Other

Restrict To: Entire State

District Count: 0 ☐ Allow MMD

Districts Have Equal Population: ☒ [Change Palette](#)

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 Population 2020

APPLY CANCEL

Drawing other local plans

The screenshot shows the davesredistricting.org/maps# website. A modal titled "Pick How to Restrict the Region for Local Redistricting" is open. The modal has a search bar with "jeffco" entered. Below the search bar are three tabs: "COUNTY", "CITY", and "MAP". The "MAP" tab is selected. Below the tabs is a table with the following data:

| <input checked="" type="checkbox"/> | Name ↑ | Owner | Modified |
|-------------------------------------|------------------------------|-------|----------|
| <input checked="" type="checkbox"/> | JeffCo SB (example use only) | kate | 4:29 PM |

A red arrow points to the "PICK" button in the modal. The "DISMISS" button is also visible. In the background, the "My Maps" list on the left shows various maps, and the "Map Settings" panel on the right shows settings for "JeffCo SB", including "State: Colorado", "Shapes: 2020 Precincts", and "Restrict To: Entire State".

Drawing other local plans

The screenshot shows the DRA2020 web application interface. On the left, a list of maps is displayed under the heading 'My Maps (13 maps)'. The list includes maps such as 'JeffCo SB (example use only)', 'Littleton, CO city council', 'Copy of FL 2022 Congressional', 'Final Shape_9_6_22', 'Ft. Pierce', 'Illinois', '[No Name]', 'dra_districts_wi_csv', 'col_for_ny_senate', 'Florida', 'ga_cong_2011_to_2021', 'ga_b_proj_P2_2020tiger', and 'Princeton'. On the right, a 'Map Settings' dialog box is open. A red arrow points from the 'Restrict To' dropdown menu in the dialog to the 'JeffCo SB (Example Use Only)' option. The dialog box contains fields for 'Map Name', 'State', 'Shapes', 'Precincts', 'Plan Type', 'District Count', 'Districts Have Equal Population', and a table for 'Primary Datasets'.

Map Settings

Map Name: JeffCo SB redist

State: Colorado

Shapes: 2020 Precincts

Precincts: Pick Updates

Plan Type: Other

Restrict To: JeffCo SB (Example Use Only)

District Count: 5

Districts Have Equal Population: ☒

Primary Datasets

| Label | Color | Target Pop |
|-------|-------|------------|
| 1 | Red | 116582 |
| 2 | Blue | 116582 |

APPLY CANCEL

Drawing other local plans

DR A2020 JeffCo SB redistricting (example use only)

Co SB (example use only) 1 0 -118,049

District Selector

| District | Population | Deviation |
|----------|------------|-----------|
| Un | 590,246 | 0 |
| 1 | 0 | -118,049 |
| 2 | 0 | -118,049 |
| 3 | 0 | -118,049 |
| 4 | 0 | -118,049 |
| 5 | 0 | -118,049 |

District Details

Colors

Overlays

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

Custom Overlays

Overlays

No overlays added

Map saved to server.

mapbox

© 2023 Dave's Redistricting, LLC.

© Mapbox © OpenStreetMap Improve this map

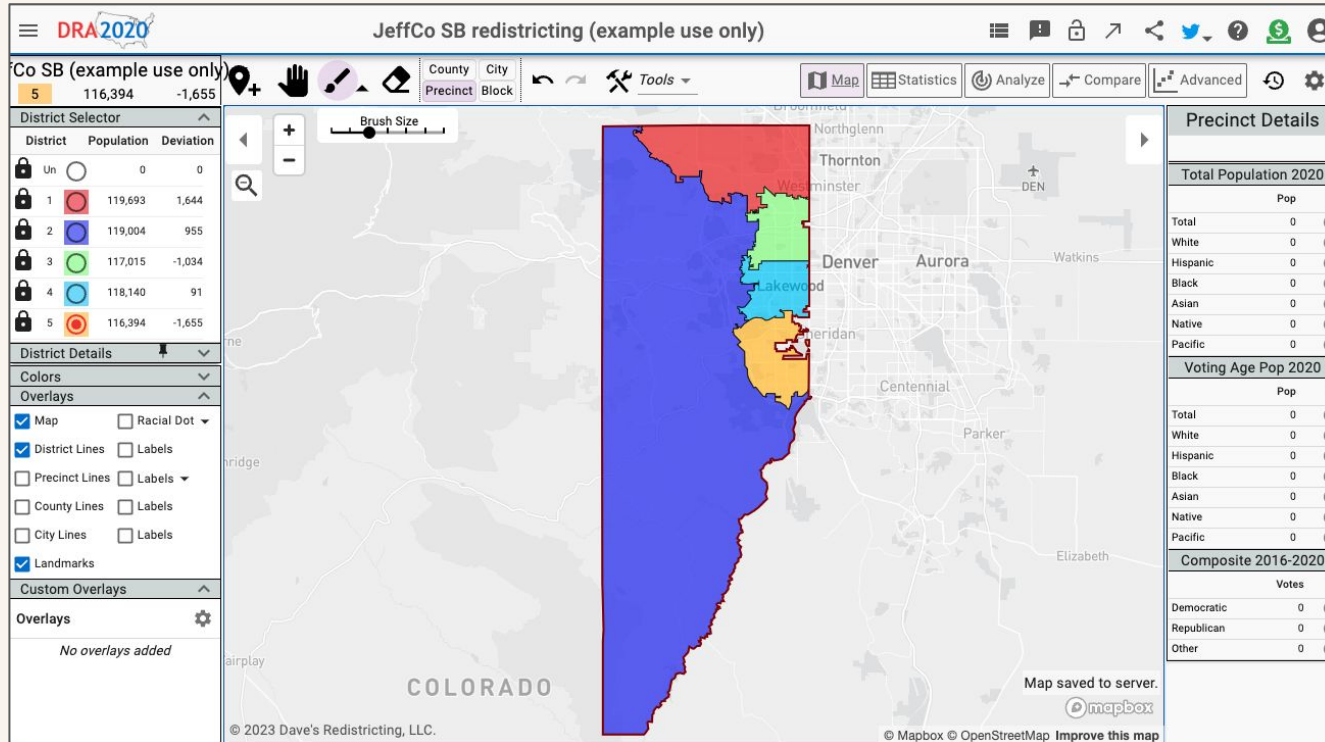
Precinct Details

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

| Voting Age Pop 2020 | | |
|---------------------|-----|-----|
| | 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 | (-) |

Drawing other local plans

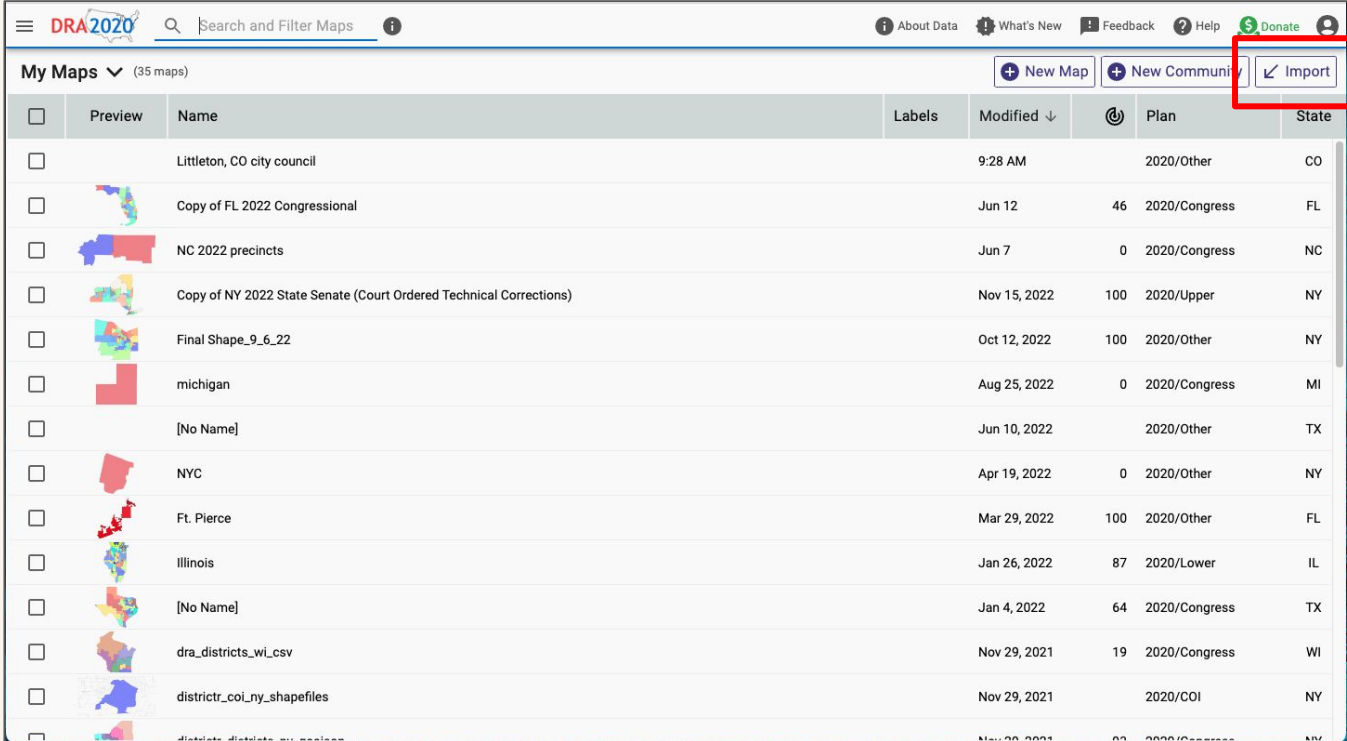


Analyzing local plans

- ◆ **Select or import a local redistricting plan**

- a. Have already seen how to create and select a new map
- b. Can also import shapefiles (in a ZIP folder), geojsons, jsons, block assignment files (CSVs), DRA formats

Analyzing local plans



The screenshot shows the DRA2020 website interface. At the top, there is a navigation bar with a search bar labeled "Search and Filter Maps" and several links: "About Data", "What's New", "Feedback", "Help", and "Donate". Below the navigation bar, there is a section titled "My Maps" with a dropdown arrow and "(35 maps)". To the right of this section are three buttons: "New Map", "New Community", and "Import". The "Import" button is highlighted with a red box, and a red arrow points to it from the right. Below the buttons is a table listing various maps.

| <input type="checkbox"/> | Preview | Name | Labels | Modified ↓ | | Plan | State |
|--------------------------|---------|--|--------|--------------|-----|---------------|-------|
| <input type="checkbox"/> | | Littleton, CO city council | | 9:28 AM | | 2020/Other | CO |
| <input type="checkbox"/> | | Copy of FL 2022 Congressional | | Jun 12 | 46 | 2020/Congress | FL |
| <input type="checkbox"/> | | NC 2022 precincts | | Jun 7 | 0 | 2020/Congress | NC |
| <input type="checkbox"/> | | Copy of NY 2022 State Senate (Court Ordered Technical Corrections) | | Nov 15, 2022 | 100 | 2020/Upper | NY |
| <input type="checkbox"/> | | Final Shape_9_6_22 | | Oct 12, 2022 | 100 | 2020/Other | NY |
| <input type="checkbox"/> | | michigan | | Aug 25, 2022 | 0 | 2020/Congress | MI |
| <input type="checkbox"/> | | [No Name] | | Jun 10, 2022 | | 2020/Other | TX |
| <input type="checkbox"/> | | NYC | | Apr 19, 2022 | 0 | 2020/Other | NY |
| <input type="checkbox"/> | | Ft. Pierce | | Mar 29, 2022 | 100 | 2020/Other | FL |
| <input type="checkbox"/> | | Illinois | | Jan 26, 2022 | 87 | 2020/Lower | IL |
| <input type="checkbox"/> | | [No Name] | | Jan 4, 2022 | 64 | 2020/Congress | TX |
| <input type="checkbox"/> | | dra_districts_wi_csv | | Nov 29, 2021 | 19 | 2020/Congress | WI |
| <input type="checkbox"/> | | districtr_coi_ny_shapefiles | | Nov 29, 2021 | | 2020/COI | NY |
| <input type="checkbox"/> | | districtr_coi_ny_shapefiles | | Nov 29, 2021 | | 2020/COI | NY |

Analyzing local plans

- ◆ Select or import a local redistricting plan
 - a. Have already seen how to create and select a new map
 - b. Can also import shapefiles (in a ZIP folder), geojsons, jsons, block assignment files (CSVs), DRA formats
- ◆ **Use Statistics to compare districts on population data and election results**

Analyzing local plans

DR2020

JeffCo SB redistricting (example use only)

Statistics

Notes

Map

Statistics

Analyze

Compare

Advanced

DOWNLOAD

| Population | | | Shapes | | Partisan Lean | | | Demographics (VAP) | | | | | | | |
|------------|---------|--------|--------|---|---------------|--------|-------|--------------------|--------|----------|----------|-------|-------|--------|---------|
| ID ↑ | Total | +/- | | | Dem | Rep | Oth | Total | White | Minority | Hispanic | Black | Asian | Native | Pacific |
| Un | 0 | | | | 0% | 0% | 0% | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 1 | 119,693 | 1.39% | ✓ | ✓ | 52.31% | 43.24% | 4.45% | 94,871 | 78.27% | 21.73% | 12.27% | 1.71% | 4.99% | 2.87% | 0.22% |
| 2 | 119,004 | 0.81% | ✓ | ✓ | 52.52% | 43.56% | 3.91% | 95,556 | 86.74% | 13.26% | 6.03% | 1.01% | 3.31% | 2.11% | 0.19% |
| 3 | 117,015 | -0.88% | ✓ | ✓ | 58.67% | 36.47% | 4.86% | 96,224 | 73.67% | 26.33% | 17.98% | 2.24% | 2.99% | 3.85% | 0.28% |
| 4 | 118,140 | 0.08% | ✓ | ✓ | 57.9% | 37.3% | 4.8% | 96,999 | 68.99% | 31.01% | 20.47% | 2.59% | 5.03% | 3.69% | 0.24% |
| 5 | 116,394 | -1.4% | ✗ | ✓ | 47.55% | 48.13% | 4.32% | 92,021 | 78.95% | 21.05% | 11.8% | 1.83% | 4.43% | 2.88% | 0.23% |
| | 118,049 | 2.79% | ✗ | ✓ | 53.63% | 41.93% | 4.44% | 95,134 | 77.28% | 22.72% | 13.75% | 1.88% | 4.15% | 3.08% | 0.23% |

Notes

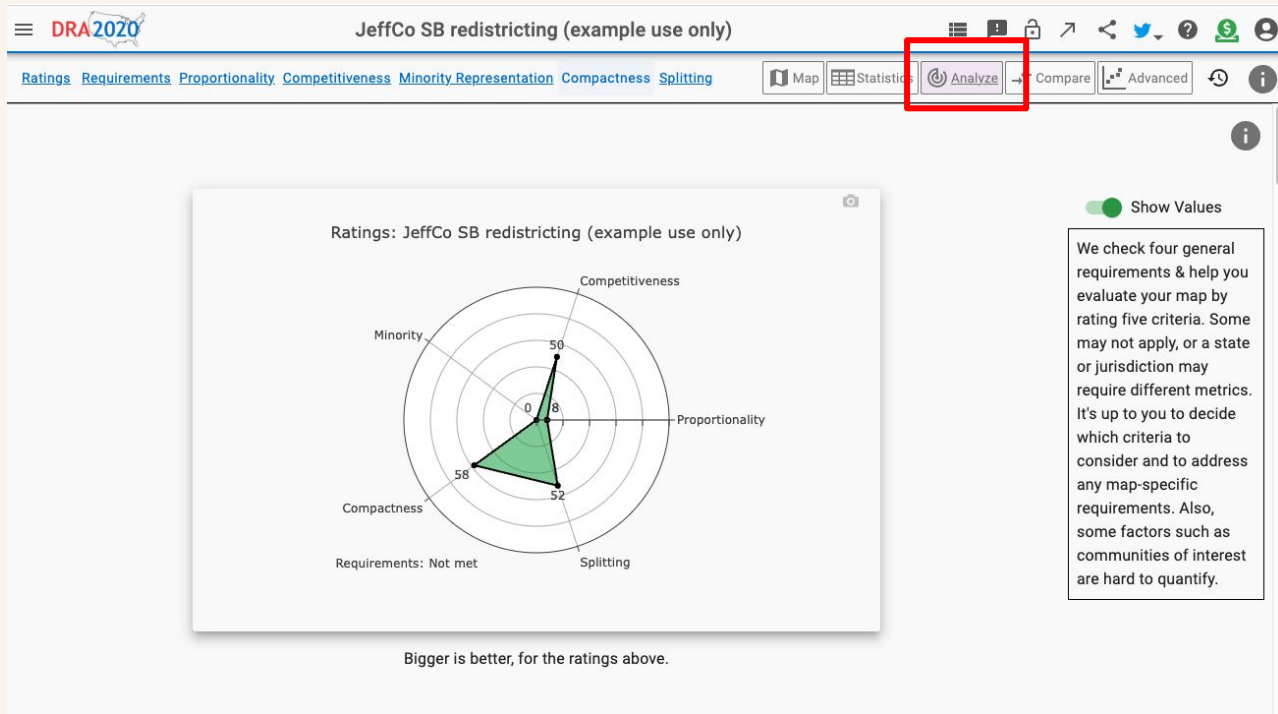
- Precinct Shapes: Census 2020
- Total Population: Census 2020
- Voting Age Population: Census 2020
- Election Result: Composite of 2016 Pres, 2020 Pres, 2016 Sen, 2020 Sen, 2018 Gov, 2018 AG
- District 5 may not be contiguous.
- The 2.79% population deviation is within the 10% threshold tolerated by the courts.
- No districts lean Republican, two lean Democratic, and three fall in the 45–55% competitive range.

Back to top

Analyzing local plans

- ◆ Select or import a local redistricting plan
 - a. Have already seen how to create and select a new map
 - b. Can also import shapefiles (in a ZIP folder), geojsons, jsons, block assignment files (CSVs), DRA formats
- ◆ Use Statistics to compare districts on population and election results
- ◆ **Use Analyze to see metrics on common criteria**

Analyzing local plans



Analyzing local plans

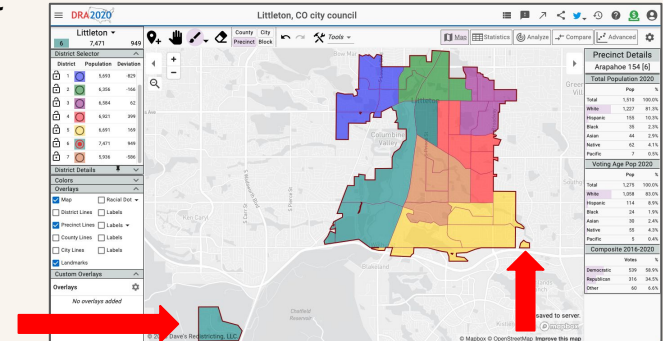
- ◆ Select or import a local redistricting plan
 - a. Have already seen how to create and select a new map
 - b. Can also import shapefiles (in a ZIP folder), geojsons, jsons, block assignment files (CSVs), DRA formats
- ◆ Use Statistics to compare districts on population and election results
- ◆ Use Analyze to see metrics on common criteria
- ◆ **Compare to compare one or more maps (if applicable)**

Cautions for local redistricting

- ◆ All redistricting plans - including local - should comply with federal requirements around (roughly) equal population and the Voting Rights Act
- ◆ Some local governments have implemented prison gerrymandering reforms: <https://www.prisonersofthecensus.org/>

Cautions for local redistricting

- ◆ Other criteria may be specified by the state and/or local government (compactness, respecting communities of interest, prohibiting incumbency protection, etc.)
- ◆ If your municipality or other local plan is non-contiguous, then contiguity checks will not likely be useful
- ◆ No local election data in DRA



Other local data for redistricting

- ◆ RDH will soon host select local data in 5 states: AL, FL, GA, LA, and MS
- ◆ This will include:
 - a. Local election results joined with precinct boundaries
 - b. Local candidate race/ethnicity data
 - c. Municipal boundaries
- ◆ Join our mailing list to be notified of future data releases:
<https://redistrictingdatahub.org/engage/#mailinglist>

Questions?

