

Districtr: 4 Multi-Member Districts Application Guide

Click the purple "4 Multi-Member Districts" button on the main Districtr page.

1. Review the top ribbon icons - pan around the map, paint/create your own districts scenario, erase portions of districts in your map, inspect Census block(s) demographics via hovering on the map
2. Click the paint icon.
3. Check "Paint precincts" to view the voter precinct boundaries on the map as well as paint by precincts rather than groups of Census blocks.
4. Change brush colors when you are finished painting one district. This example is showing the brush color blue (District 1) selected. Therefore, you may paint District 1 on the map.
5. Change brush sizes to assign more or less precincts to a district. This process will not be splitting voter precincts therefore the building blocks of the drawing aspect are precincts. Begin painting districts in the map by clicking a portion of the map and dragging your brush along the areas you want to paint. Notice the zoom in and out buttons in the map frame and use them to control the map's scale.
6. Once your districts are drawn, click the Population tab. Review the population statistics per district.
7. The "Max. Population Deviation" can be no greater than 10%.
8. The grey line on the bar chart represents the ideal population goal of 163,125.75 per district.
9. In this example, District 3 has highest population and is out of compliance.
10. District 2 has the lowest population and is also out of compliance. By hovering on each color band of the bar chart, you can see the deviation per district.
11. Check "Highlight unassigned units" to review any unassigned precincts in the map (outlined in red). Allocate those areas to a district using the tools mentioned.

12. Now click on the "Data Layers" tab.
13. Make sure the following boxes are checked: "Show painted districts" and "Show Precinct Boundaries"
14. Navigate to the Demographics section of the pane. Expand both the "Population by Race" and "Coalition Builder" buckets.
15. In order to view one demographic group's location density on the map, check "Show population" and select the demographic in the "Variable" filter.
16. Switch to "Show voting age population (VAP)" if desired.
17. In order to view multiple demographic groups' location density on the map, select demographics in the Coalition Builder bucket. Change the "Variable" filter mentioned above to "Coalition population*" as in this example.
18. The various shaded Census blocks on the map show the location densities of the demographic group(s) you selected. In this example, those demographic groups are Hispanic, Asian and American Indian.

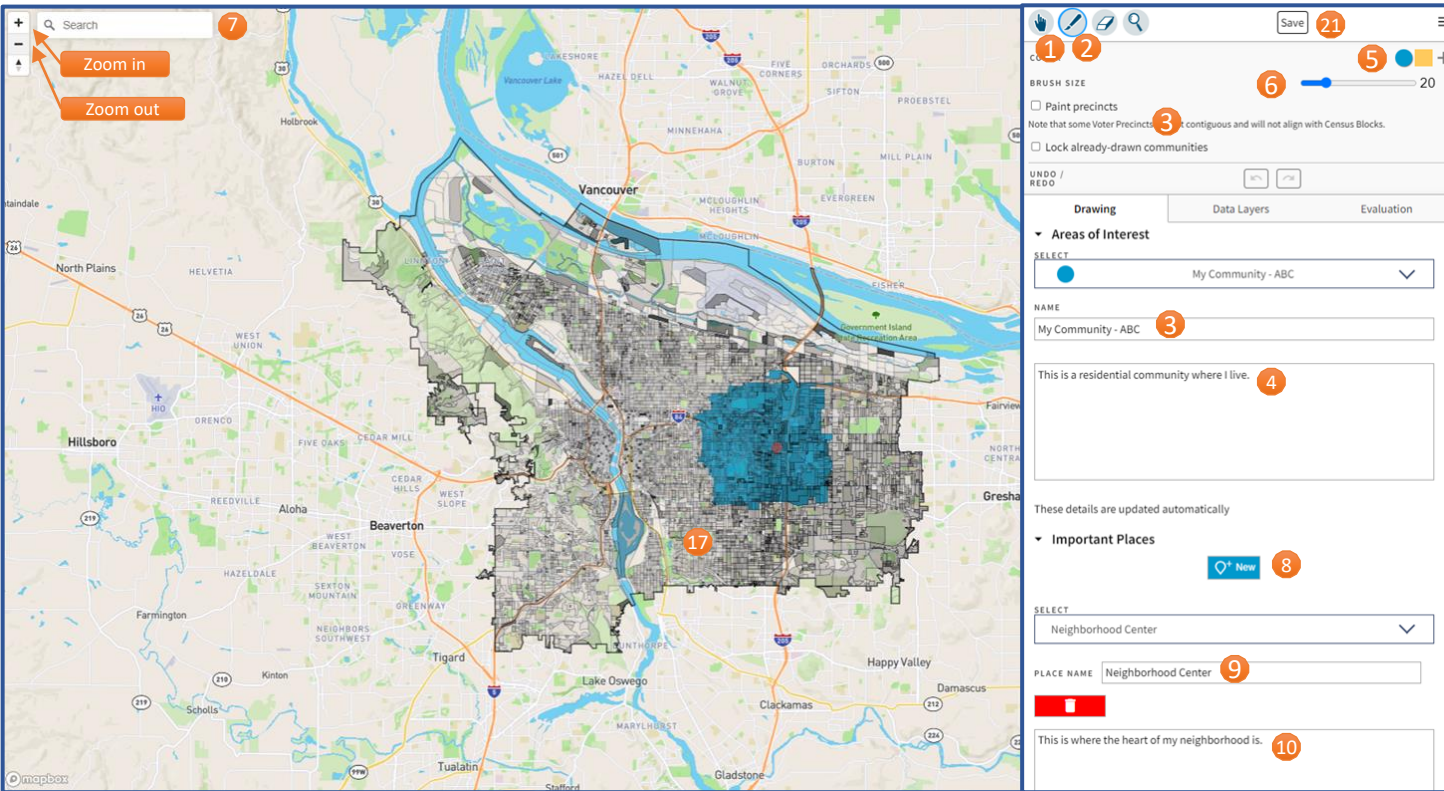
19. Now click on the "Evaluation" tab. Expand both the "Population by Race" and "Voting Age Population by Race" buckets.
20. Compare demographic groups in each bucket by selecting two or more groups.
21. Review the demographic statistics for each bucket and note any majority and minority districts.

	White	Hispanic	Asian
White	61.6%	12.9%	8.7%
Hispanic	52.1%	16.3%	16.3%
Asian	75%	7.8%	6.1%
Overall	67.2%	11%	4.9%
Overall	66.4%	11.1%	8%

	White	Hispanic	Asian
White VAP	65.3%	10.9%	8.9%
Hispanic VAP	56.1%	13.9%	16.6%
Asian VAP	76.7%	7.2%	6.4%
Overall	69.8%	9.7%	5.2%
Overall	69.4%	9.7%	8.2%

- Now it is time to submit your map!
22. Click "Save" (above the brush color pallet) and follow the prompts in the pop-up.
 23. Include "#portland2023" in your map's name to have it visible on the Portland Districtr website.
 24. Click "Share to Gallery" and you are done!

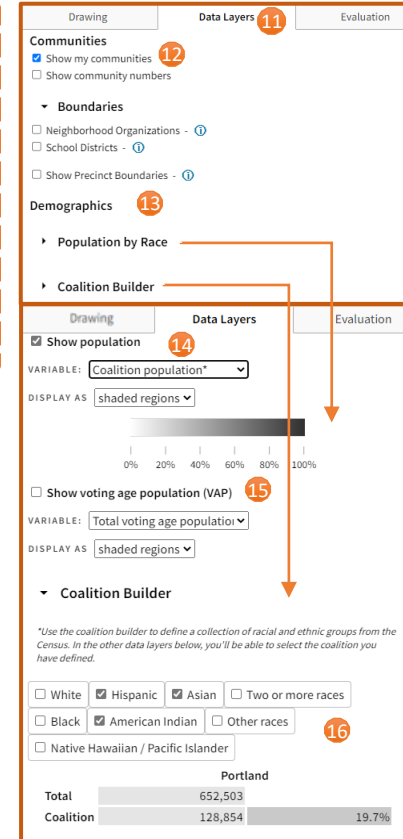
Districtr: Identify a community Application Guide



Click the red "Identify a community" button on the main Districtr page.

- Review the top ribbon icons - pan around the map, paint/draw your community, erase portions of community in your map, inspect Census block(s) demographics via hovering on the map
- Click the paint icon. Expand the "Areas of Interest" and "Important Places" buckets.
- Name your community.
- Describe your community.
- Change brush colors when you are finished painting one community. The plus icon allows you to create another community.
- Change brush sizes to assign more or less Census blocks to a community. Begin painting your community in the map by clicking a portion of the map and dragging your brush along the areas you want to paint. Notice the zoom in and out buttons in the map frame and use them to control the map's scale.
- Search for a particular address related to your community.
- Click "New" to add a point related to your community to your map.
- Name your community point.
- Describe your community point.

- Now click on the "Data Layers" tab.
- Check "Show my communities".
- Navigate to the Demographics section of the pane. Expand both the "Population by Race" and "Coalition Builder" buckets.
- In order to view one demographic group's location density on the map, check "Show population" and select the demographic in the "Variable" filter.
- Switch to "Show voting age population (VAP)" if desired.
- In order to view multiple demographic groups' location density on the map, select demographics in the Coalition Builder bucket. Change the "Variable" filter mentioned above to "Coalition population" as in this example.
- The various shaded Census blocks on the map show the location densities of the demographic group(s) you selected. In this example, those demographic groups are Hispanic, Asian and American Indian.



- Now click on the "Evaluation" tab. Expand both the "Population" and "Voting Age Population" buckets.
- Compare demographic groups in each bucket by selecting your community name.
- Review the demographic statistics for your community and the City of Portland as a whole.

18 Evaluation

19 COMMUNITY: My Community - ABC

	My Community - ABC	Portland
Total	86,042	652,503
White	65.8%	66.4%
Hispanic	10.1%	11.1%
Asian	10.4%	8%
Two	6.9%	7%
Black	5.1%	5.7%
Native Am.	0.6%	0.7%
Other	0.6%	0.6%
NH/PI	0.5%	0.6%
Coalition	21.1%	19.7%

Voting Age Population

COMMUNITY: My Community - ABC

	My Community - ABC	Portland
Total	70,975	541,274
White	68.5%	69.4%
Hispanic	8.9%	9.7%
Asian	10.7%	8.2%
Two	5.8%	5.8%
Black	4.6%	5.2%
Native Am.	0.6%	0.7%
Other	0.6%	0.6%
NH/PI	0.4%	0.5%
Coalition VAP	20.1%	18.5%

- Now it is time to submit your map!
- Click "Save" (above the brush color pallet) and follow the prompts in the pop-up.
 - Include "#portland2023" in your map's name to have it visible on the Portland Districtr website.
 - Click "Share to Gallery" and you are done!

