City of Roseville Redistricting Summary Statistics

Draft Map B-1 – Districts Summary Statistics

01/25/2022

Ideal Population Criterion

Ideal Population	29,594
Overall Range	9.4%

< 5.0%	5.0 - 10.0%	> 10.0%

California Statewide Database Adjusted (incarcerated persons reallocation) 2020 Census P.L. 94-171 Redistricting Data Summary Files - Total Population.

Total Population & Deviation per District

District	Total Population	Over / Under Ideal	Deviation From Ideal
1	29,453	-141	-0.5%
2	31,058	1,464	4.9%
3	28,274	-1,320	-4.5%
4	28,854	-740	-2.5%
5	30,330	736	2.5%

Total Population by Race/Ethnicity per District

District	White	Black or African American	American Indian or Alaska Native	Asian	Native Hawaiian and Pacific Islander	Some Other Race	Two or More Races	Hispanic/ Latino
1	66.7%	1.9%	0.4%	8.7%	0.2%	0.6%	6.2%	15.3%
2	59.9%	2.0%	0.6%	5.5%	0.3%	0.6%	6.7%	24.5%
3	60.2%	2.8%	0.3%	14.0%	0.6%	0.5%	6.8%	14.9%
4	66.3%	2.4%	0.2%	12.3%	0.2%	0.5%	6.1%	12.0%
5	53.0%	2.9%	0.3%	21.6%	0.3%	0.4%	7.3%	14.1%

California Statewide Database Adjusted 2020 Census P.L. 94-171 Redistricting Data Summary Files - Total Population by Race and Hispanic/Latino Origin.

CVAP by Race/Ethnicity per District

District	White	Black or African American	American Indian or Alaska Native	Asian	Native Hawaiian and Pacific Islander	Two or More Races	Hispanic/ Latino
1	80.8%	2.0%	0.1%	5.2%	0.2%	1.7%	10.3%
2	70.2%	1.9%	0.2%	3.6%	0.1%	3.0%	20.8%
3	70.3%	2.9%	0.1%	9.8%	0.3%	4.3%	11.9%
4	76.5%	1.3%	0.2%	10.8%	0.1%	2.3%	8.6%
5	62.6%	2.9%	0.1%	18.3%	0.4%	2.8%	12.6%

California Statewide Database Adjusted 2015-2019 American Community Survey Citizen Voting-age Population (CVAP) by Race and Ethnicity Special Tabulation. Rounding of estimates may lead to summation of percentages not equal to 100% (+/- 1%).

Contiguity Criterion
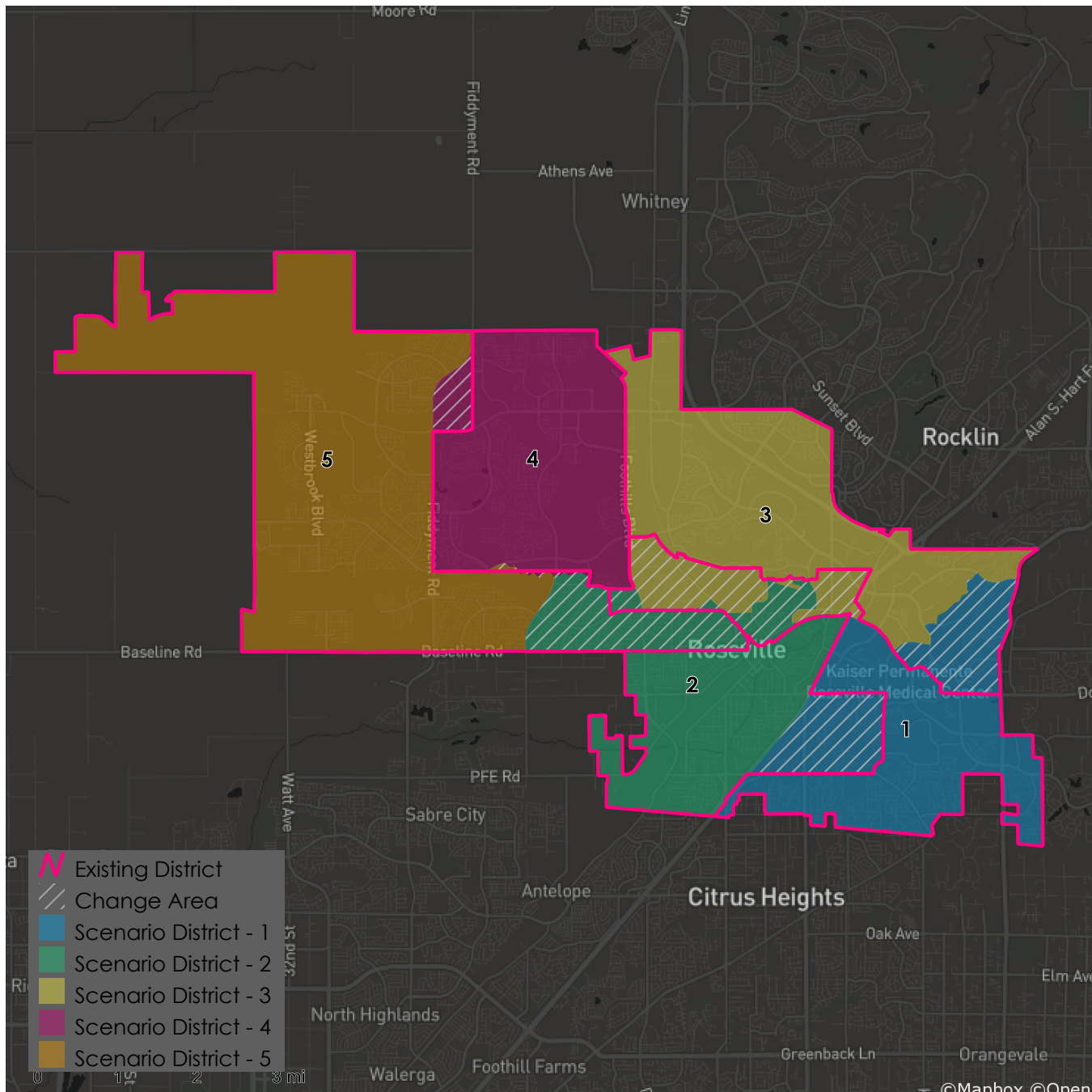
Are all the districts contiguous? **Yes**

Preservation of Geographic Integrity Criteria (i.e., minimize division of cities, communities of interest, etc.)

COI Category	Total # of COIs	# of COIs Preserved in Minimum Districts	% of COIs Preserved in Minimum Districts	COIs Not Preserved in Minimum # of Districts
Elementary School Districts	5	3	60%	Dry Creek Joint Elementary School District, Roseville Elementary School District
Neighborhood Associations	45	39	87%	Diamond Oaks, Fiddyment Farm, Foothills Junction, Kaseberg-kingswood, Stoneridge, Woodcreek Oaks

Compactness Measures per District

District	Polsby-Popper	Schwartzberg	Reock	Convex Hull	Length-Width
1	0.31	1.81	0.38	0.76	0.83
2	0.26	1.95	0.49	0.74	0.76
3	0.28	1.89	0.32	0.68	0.74
4	0.68	1.22	0.62	0.94	0.78
5	0.27	1.93	0.35	0.60	0.80

A single definitive measure of compactness does not exist, and no specific scores for any measures indicate satisfactory or unsatisfactory compactness. Measures are typically based on comparing geometric features of the district (e.g. perimeters, areas) to the features of a related base geometric object (e.g. minimum bounding circle, convex hull). In practice, compactness tends to be assessed by a visual test-a district in which people generally live near each other is usually more compact than one in which they do not. In California, districts are compact when they do not bypass nearby population for people farther away. Note that Polsby-Popper, Reock, Convex Hull, and Length-Width scores fall within the range of 0-1, with 0 being the least compact and 1 being the most compact. In comparison, a Schwartzberg score of 1 is the most compact and higher scores are increasingly less compact.

Metadata

Run Time Stamp:	2022-01-25 00:47:39
Workflow Directory:	C:\Workspace\F2074_01_01_Roseville\Projects\Alteryx\
District Scenario:	File: gdb:C:\Workspace\F2074_01_01_Roseville\Data\Redist.gdb|||Districts_Scenario_Draft_Map_B1