San Joaquin County RAC

Draft Plan B2 (D1 Compact) – Supervisorial Districts Summary Statistics

10/20/2021

SAN JOAQUIN COUNTY

Equal Population Criterion

Ideal Population	155,463
Overall Deviation	8.9%

< 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	151,289	-4,174	-2.7%
2	160,082	4,619	3.0%
3	147,441	-8,022	-5.2%
4	161,229	5,766	3.7%
5	157,272	1,809	1.2%

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	11.3%	9.6%	0.5%	10.9%	0.5%	0.4%	3.0%	63.8%
2	25.2%	12.6%	0.4%	17.4%	0.8%	0.6%	4.9%	38.2%
3	41.8%	3.1%	0.5%	9.5%	0.5%	0.6%	4.7%	39.3%
4	35.1%	4.5%	0.3%	21.0%	0.5%	0.5%	4.2%	33.8%
5	24.8%	6.3%	0.3%	27.0%	0.9%	0.7%	5.1%	35.0%

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	19.9%	14.3%	0.2%	11.9%	0.2%	2.5%	50.8%
2	38.9%	12.1%	0.4%	16.3%	0.3%	3.4%	28.7%
3	56.7%	3.8%	0.4%	5.8%	0.7%	2.9%	29.6%
4	49.4%	5.1%	0.3%	18.9%	0.5%	2.1%	23.3%
5	37.5%	5.8%	0.2%	19.3%	1.0%	5.0%	31.0%

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

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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
Districtr COIs	7	4	57%	Community of Agriculture, Linden, Lodi American Viticultural Area
Cities	7	6	86%	Stockton
Water Districts	47	43	91%	California Water Service (Private), City of Lathrop, City of Stockton, No District
Elementary School Districts	16	9	56%	Banta Unified, Lincoln Unified, Linden Unified, Lodi Unified, Manteca Unified, New Jerusalem, Stockton Unified
General Plan Communities	32	28	88%	French Camp, Lathrop, Morada, Stockton
Fire Districts	25	12	48%	Clements, Country Club, Eastside, French Camp Mckinley, Lathrop-manteca, Lincoln, Linden-peters, Montezuma, None, Stockton, Tracy Rural, Waterloo-morada, Woodbridge
Reclamation Districts	51	45	88%	RD 1614, RD 17, RD 2029, RD 2044, RD 2095, RD 2096
Municipal Advisory Councils	7	5	71%	French Camp, Morada
Irrigation Districts	15	10	67%	Banta-Carbona Irrigation District, New Del Puerto Water District, North San Joaquin Water Conservation District, Stockton East Water District, Stockton East Water District / Woodbridge Irrigation District
Port District	1	0	0%	Port District

Compactness Measures per District

District	Polsby-Popper	Schwartzberg	Reock	Convex Hull	Length-Width
1	0.32	1.77	0.48	0.74	0.92
2	0.36	1.66	0.44	0.77	0.80
3	0.27	1.92	0.33	0.80	0.57
4	0.44	1.50	0.43	0.83	0.62
5	0.33	1.73	0.33	0.85	0.43

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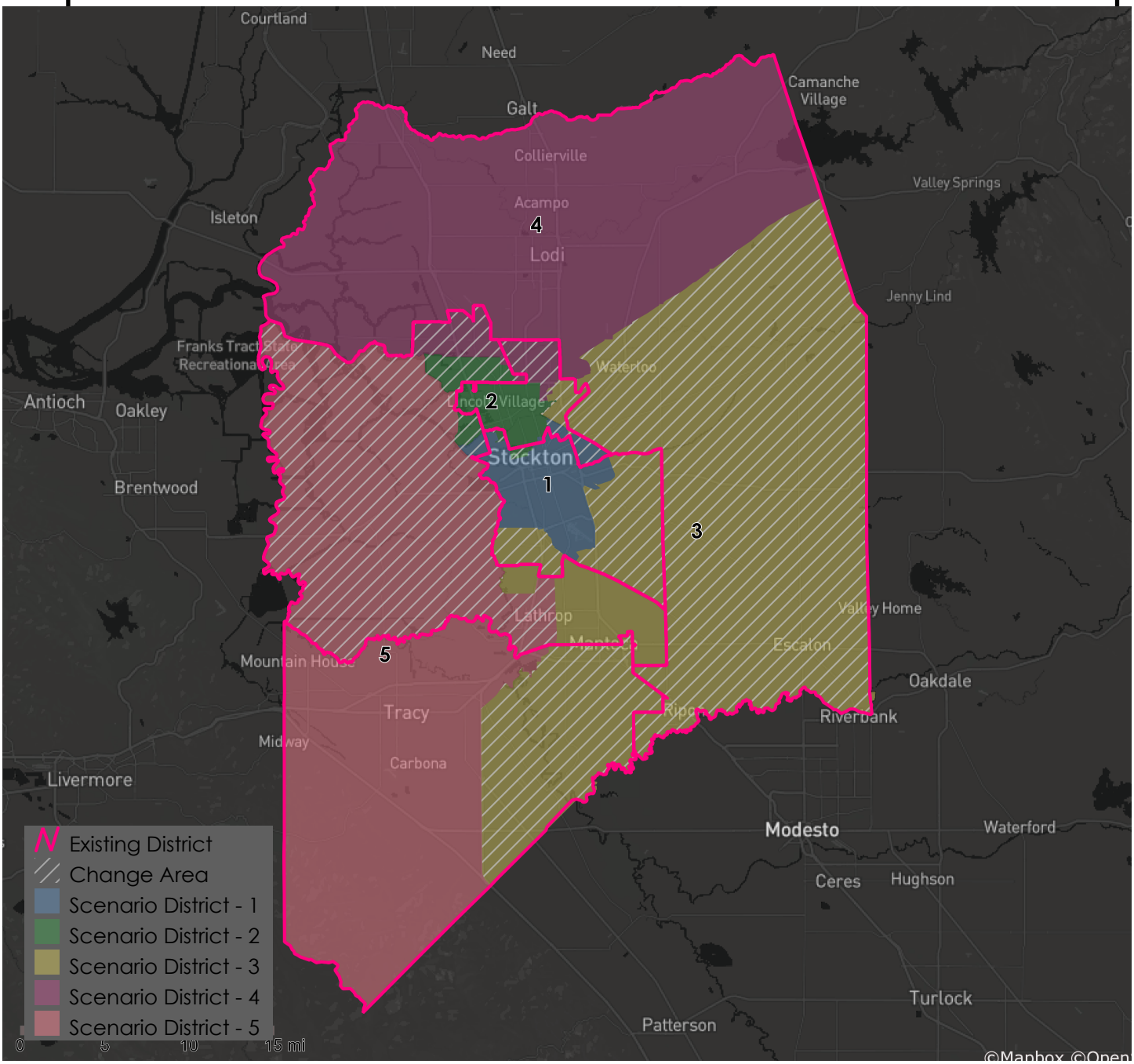
A single definitive measure of compactness does not exist, and no specific scores for any measures indicate satisfactory or unsatisfactory compactness. Measures are typically based on comparing geometric features of the district (e.g. perimeters, areas) to the features of a related base geometric object (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.



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San Joaquin County RAC

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10/20/2021

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