San Joaquin County RAC

Recommended Map B – Supervisorial Districts Summary Statistics

11/11/2021

SAN JOAQUIN COUNTY

Equal Population Criterion

Ideal Population	155,463
Overall Deviation	9.6%

< 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	161,381	5,918	3.8%
2	160,184	4,721	3.0%
3	151,997	-3,466	-2.2%
4	146,525	-8,938	-5.7%
5	157,226	1,763	1.1%

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	12.3%	9.9%	0.5%	10.6%	0.5%	0.4%	3.1%	62.7%
2	21.9%	12.3%	0.4%	21.7%	0.8%	0.6%	4.7%	37.7%
3	30.7%	6.1%	0.4%	17.9%	0.8%	0.7%	4.7%	38.7%
4	41.4%	2.4%	0.3%	14.4%	0.4%	0.5%	4.1%	36.6%
5	33.4%	5.1%	0.3%	22.0%	0.7%	0.6%	5.3%	32.6%

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	21.8%	14.6%	0.2%	11.3%	0.2%	2.5%	49.4%
2	34.5%	12.0%	0.3%	20.8%	0.3%	3.5%	28.4%
3	45.0%	6.5%	0.3%	12.6%	0.9%	3.2%	30.9%
4	57.2%	3.0%	0.4%	12.1%	0.6%	1.8%	24.8%
5	47.6%	4.5%	0.2%	14.8%	0.7%	4.8%	27.5%

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	5	71%	COMMUNITY AREA OF RIVER ISLAND AND AREA OF GROWTH, Community of Agriculture
Cities	7	6	86%	Stockton
Water Districts	47	40	85%	California Water Service (Private), City of Lathrop, City of Stockton, Lincoln Village MD, Mountain House CSD, No District, Rough and Ready Storage
Elementary School Districts	16	6	38%	Banta Unified, Escalon Unified, Lammersville, Lincoln Unified, Linden Unified, Lodi Unified, Manteca Unified, Ripon Unified, Stockton Unified, Tracy Unified
General Plan Communities	32	28	88%	French Camp, Lathrop, Manteca, Stockton
Fire Districts	25	12	48%	Collegeville, Eastside, Escalon, French Camp Mckinley, Lathrop-manteca, Lincoln, Montezuma, None, Ripon, Stockton, Tracy Rural, Waterloo-morada, Woodbridge
Reclamation Districts	51	42	82%	RD 1608, RD 17, RD 2029, RD 2042, RD 2044, RD 2058, RD 2094, RD 2107, RD 524
Municipal Advisory Councils	7	6	86%	French Camp
Irrigation Districts	15	10	67%	Central San Joaquin Water Conservation District, Oakdale Irridation District, South San Joaquin Irrigation District, Stockton East Water District, Stockton East Water District / Woodbridge Irrigation District
Port District	1	0	0%	Port District

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Compactness Measures per District

District	Polsby-Popper	Schwartzberg	Reock	Convex Hull	Length-Width
1	0.44	1.51	0.48	0.79	0.83
2	0.63	1.26	0.50	0.91	0.88
3	0.26	1.96	0.36	0.78	0.97
4	0.41	1.56	0.48	0.79	0.97
5	0.22	2.15	0.30	0.65	0.68

A single definitive measure of compactness does not exist, and no specific scores for any measures indicate satisfoctory 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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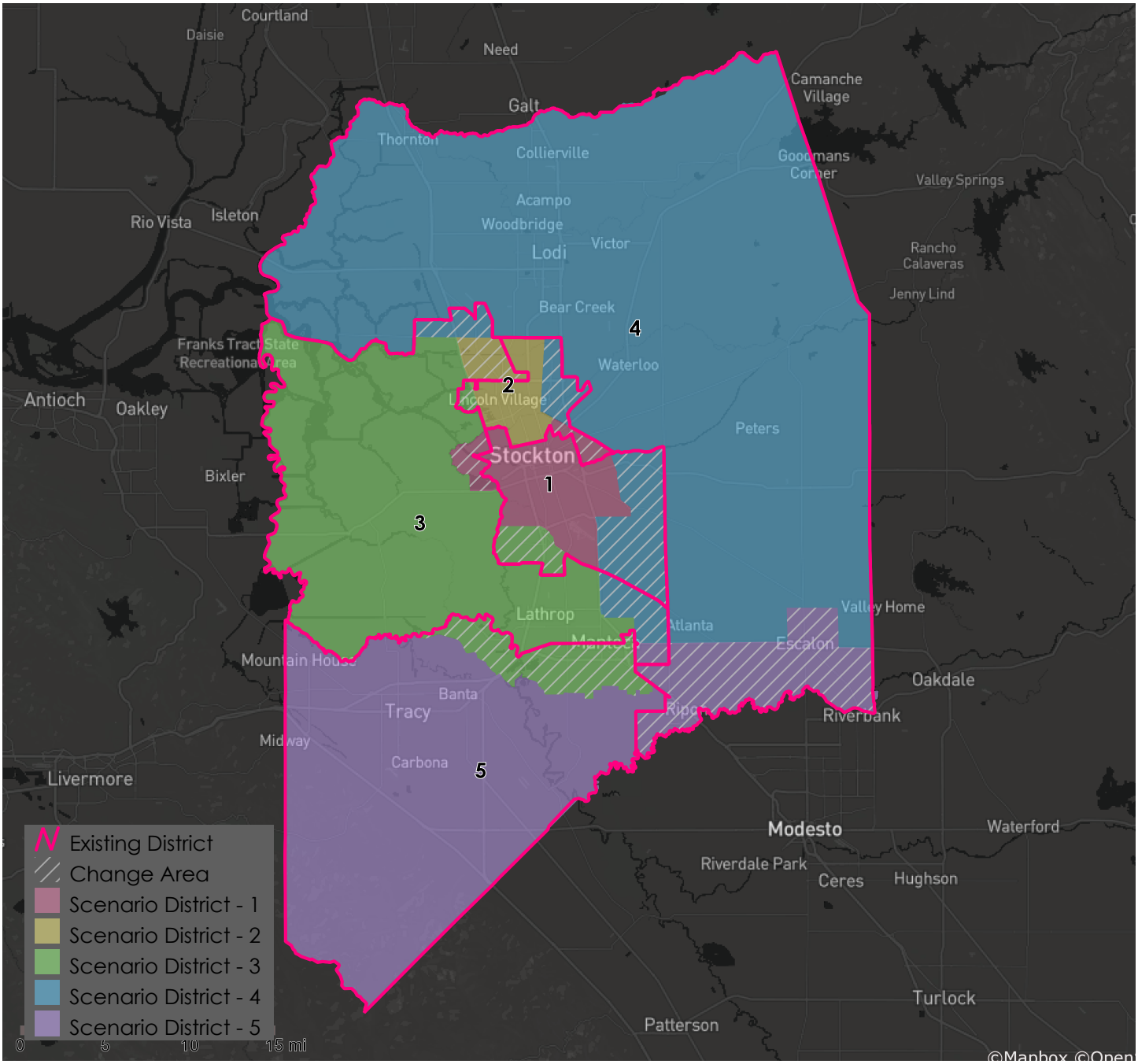

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