



WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT INDEPENDENT REDISTRICTING COMMISSION



MEMORANDUM

To: Members of the WCCUSD Independent Redistricting Commission
From: P. Casey Pitts, Legal Counsel
Date: Friday, December 10, 2021
Re: Proposed Adoption of Preliminary Plan on December 14, 2021

Members of the WCCUSD Independent Redistricting Commission:

As you are aware, the Commission is scheduled to consider adopting a Preliminary Plan for redistricting the West Contra Costa Unified School District at the Commission's December 14, 2021 meeting. In order to assist Commission members in preparing for that meeting, this memorandum includes, as an attachment, the four alternative maps prepared by the Commission's retained demographer Collingwood Research, as well as the additional information about each of the maps, including information regarding demographics, compactness, and rough estimates of future population change. As you are aware, additional information about each proposed map, as well as interactive versions of each map, are available at <https://www.collingwoodresearch.com/general-6>.

Collingwood Research is still working to update the maps based on feedback received from the Commission and the public during the public outreach meetings, so I may provide Commission members with updated maps prior to the meeting. If I do so, I provide an explanation as to what has changed.

As a reminder, the Stipulated Judgment entered between the District and the Plaintiff in *Ruiz-Lozito v. West Contra Costa Unified School District*, Contra Costa Super. Ct. Case No. C18-00570, sets forth the criteria to be considered by the Commission in choosing a Preliminary Plan. Those criteria, in order of priority, are:

- (a) Compliance with the United States Constitution, including reasonable equality of population within each trustee area;
- (b) Compliance with the Federal Voting Rights Act, first by establishing or maintaining trustee areas containing a majority of members of a protected class to the extent legally permissible, and then by considering any extent to which trustee areas containing a near majority of a protected class, or a majority of protected classes that act in coalition, would provide those protected classes with the opportunity to elect their candidates of choice and to influence elections on a basis more equal to the opportunity enjoyed by the rest of the electorate;



WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT INDEPENDENT REDISTRICTING COMMISSION



(c) The additional requirement of state law that population be as nearly equal as possible, using the 2020 census and any population figures validated pursuant to Education Code 1002, subdivision (b), and 5019.5, subdivision (a).

(d) Trustee areas will be drawn using the factors authorized in Education Code 1002, subdivision (a): (1) Topography; (2) Geography; (3) Cohesiveness, contiguity, integrity, and compactness of territory; and (4) Respect for geographic integrity of neighborhood and any community of interest (including those of racial, ethnic, and language minorities) to the extent possible without violating any of the proceeding provisions.

The Stipulated Judgment provides that the Commission shall *not* consider the place of residence of any incumbent or political candidate in defining trustee areas, and that trustee areas shall not be drawn for the purpose of favoring or discriminating against an incumbent, candidate, or political party.

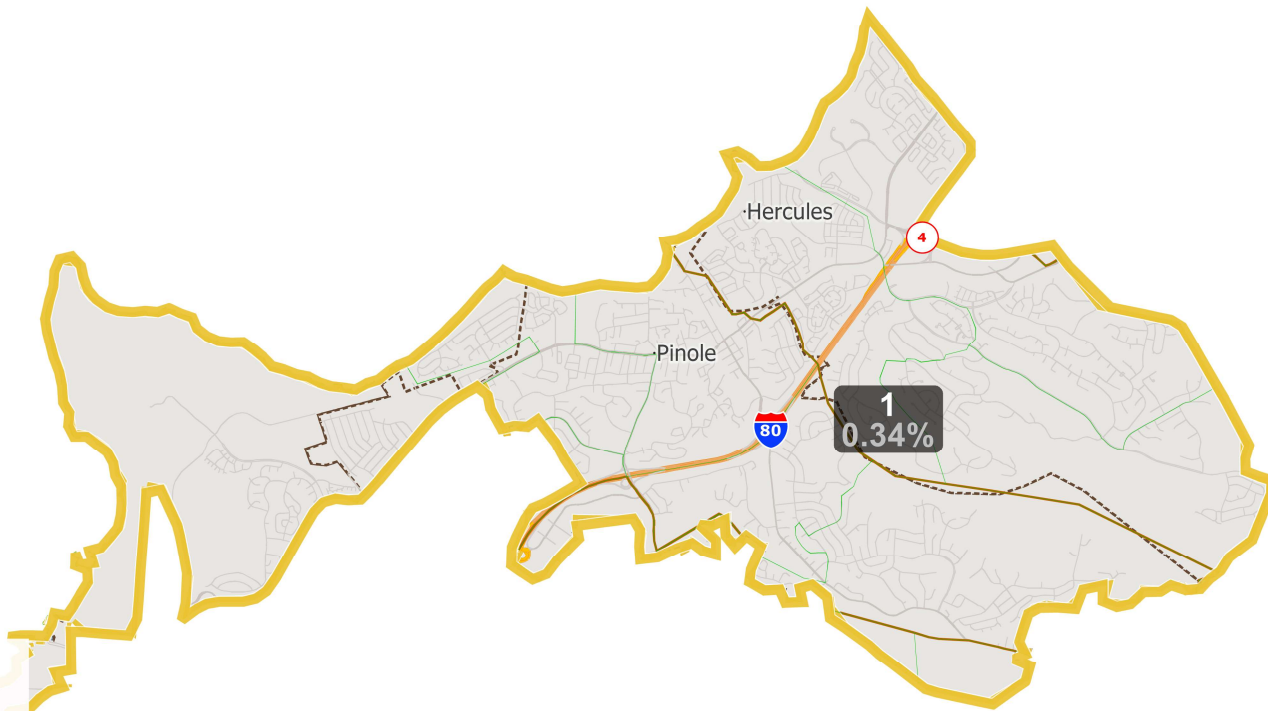
Please review the proposed maps attached hereto, as well as any updated maps you are provided in advance of Tuesday's meeting, with these guidelines in mind. Please let me know if you have any questions or concerns.

P. Casey Pitts
Altshuler Berzon LLP

Proposed Map 1

District: 1

Field	Value
District	1
POP20	52336
Deviation	178
% Deviation	0.34%
WHITE20	10589
% WHITE20	20.23%
BLACK20	6796
% BLACK20	12.99%
HISP20	12559
% HISP20	24%
ASIAN20	18868
% ASIAN20	36.05%
CVAP19	37999
WCVAP19	10882
% WCVAP19	28.64%
HCVAP19	6527
% HCVAP19	17.18%
ACVAP19	13803
% ACVAP19	36.32%
TOTREG	32,278
WHIREG	7,959
% WHIREG	24.66%
BLAREG	4,591
% BLAREG	14.22%
HISPREG	7,599
% HISPREG	23.54%
ASIREG	11,029
% ASIREG	34.17%



LEGEND

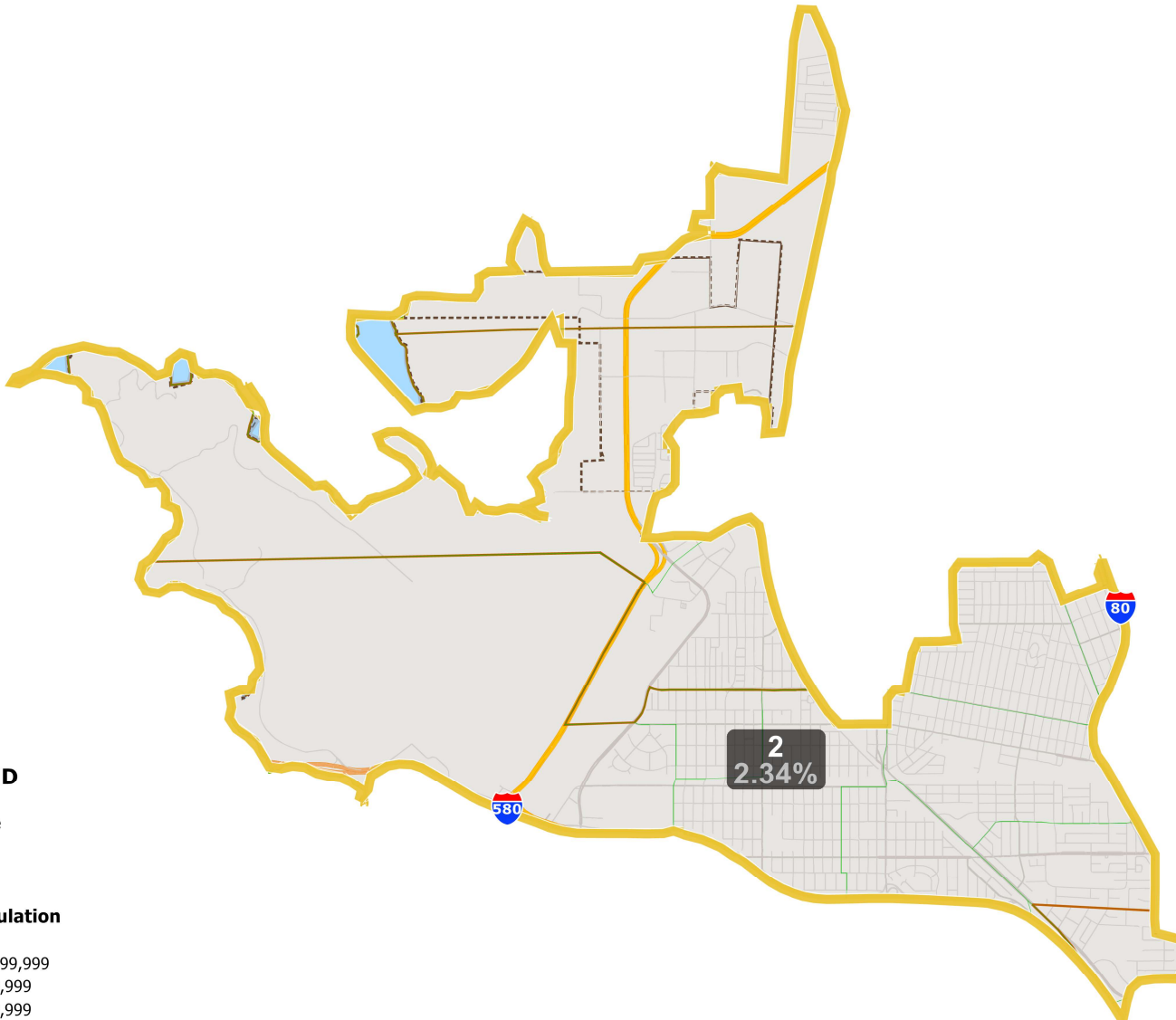
- State
- Census Place
- HS Zones
- Districts:1
- Elem Zones

US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

District: 2



LEGEND

- State
- Census Place
- HS Zones
- Districts:1
- Elem Zones

US City Population

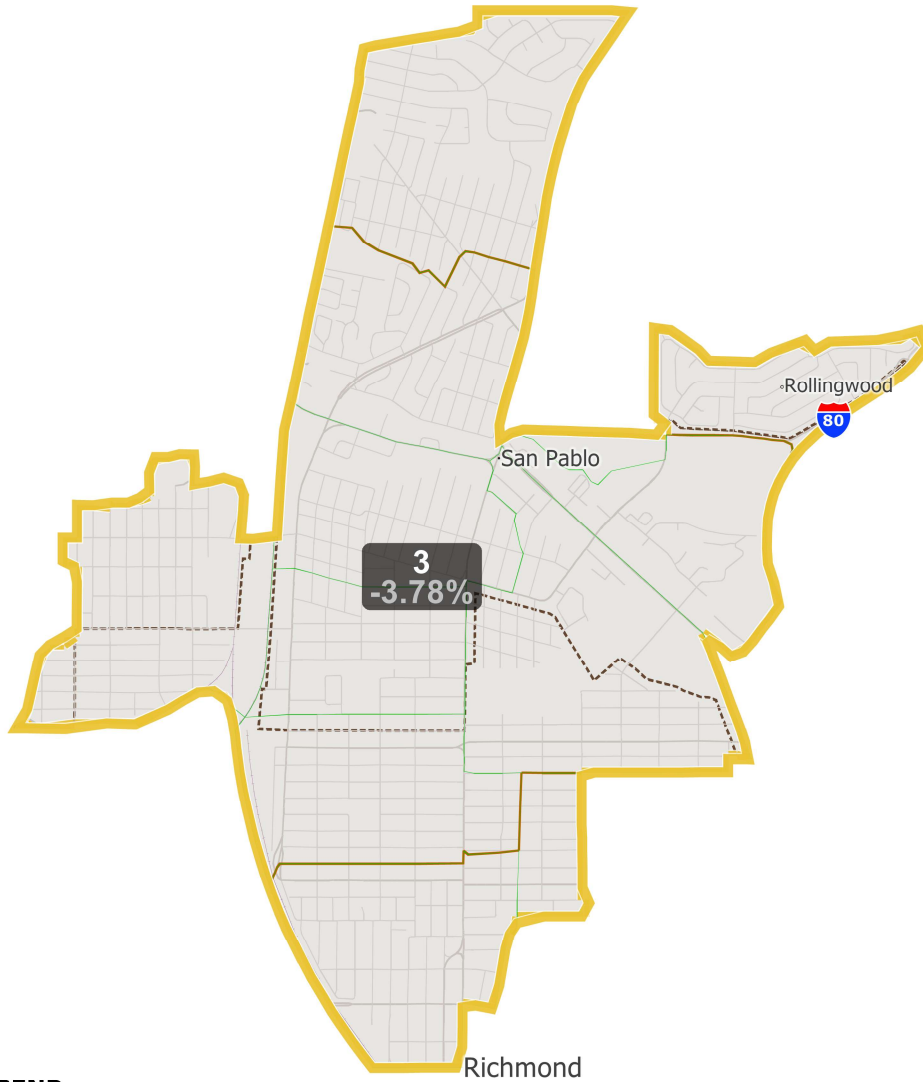
- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

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Field	Value
District	2
POP20	53377
Deviation	1,219
% Deviation	2.34%
WHITE20	4934
% WHITE20	9.24%
BLACK20	12328
% BLACK20	23.1%
HISP20	29012
% HISP20	54.35%
ASIAN20	4664
% ASIAN20	8.74%
CVAP19	26240
WCVAP19	3956
% WCVAP19	15.08%
HCVAP19	7965
% HCVAP19	30.35%
ACVAP19	3137
% ACVAP19	11.96%
TOTREG	23,865
WHIREG	3,152
% WHIREG	13.21%
BLAREG	8,388
% BLAREG	35.15%
HISPREG	9,613
% HISPREG	40.28%
ASIREG	1,991
% ASIREG	8.34%

District: 3



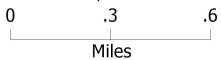
Field	Value
District	3
POP20	50184
Deviation	-1,974
% Deviation	-3.78%
WHITE20	3236
% WHITE20	6.45%
BLACK20	4650
% BLACK20	9.27%
HISP20	35036
% HISP20	69.82%
ASIAN20	5715
% ASIAN20	11.39%
CVAP19	23071
WCVAP19	2857
% WCVAP19	12.38%
HCVAP19	11898
% HCVAP19	51.57%
ACVAP19	3577
% ACVAP19	15.5%
TOTREG	19,398
WHIREG	1,619
% WHIREG	8.35%
BLAREG	2,649
% BLAREG	13.66%
HISPREG	12,386
% HISPREG	63.85%
ASIREG	2,345
% ASIREG	12.09%

LEGEND

- State
- Census Place
- Railroad
- HS Zones
- Districts:1
- Elem Zones

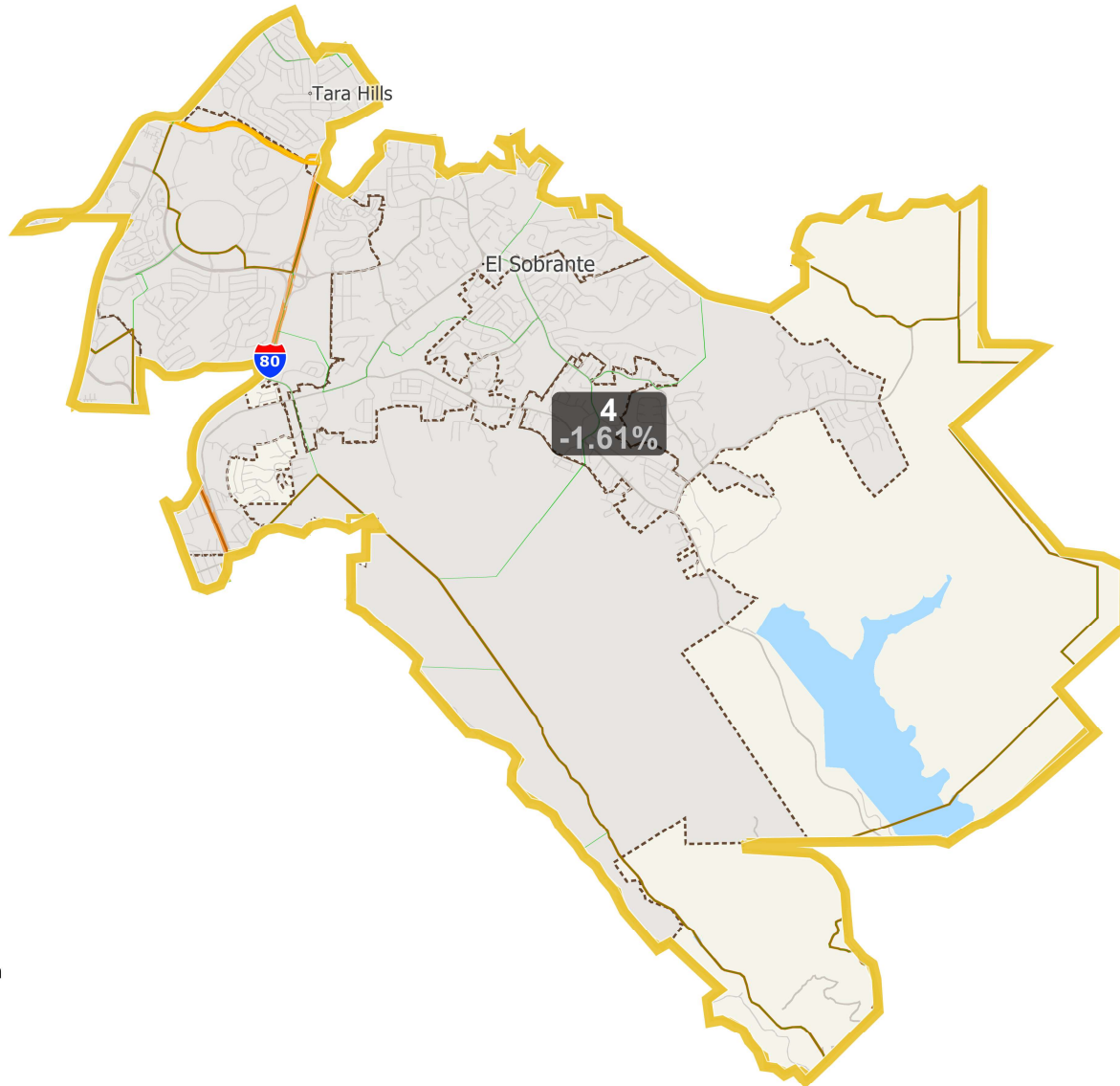
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000



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District: 4



Field	Value
District	4
POP20	51316
Deviation	-842
% Deviation	-1.61%
WHITE20	11316
% WHITE20	22.05%
BLACK20	9543
% BLACK20	18.6%
HISP20	14928
% HISP20	29.09%
ASIAN20	11444
% ASIAN20	22.3%
CVAP19	34560
WCVAP19	10881
% WCVAP19	31.48%
HCVAP19	7666
% HCVAP19	22.18%
ACVAP19	7714
% ACVAP19	22.32%
TOTREG	29,246
WHIREG	8,582
% WHIREG	29.34%
BLAREG	6,375
% BLAREG	21.8%
HISPREG	7,000
% HISPREG	23.93%
ASIREG	6,022
% ASIREG	20.59%

LEGEND

- State
- Census Place
- HS Zones
- Districts:1
- Elem Zones

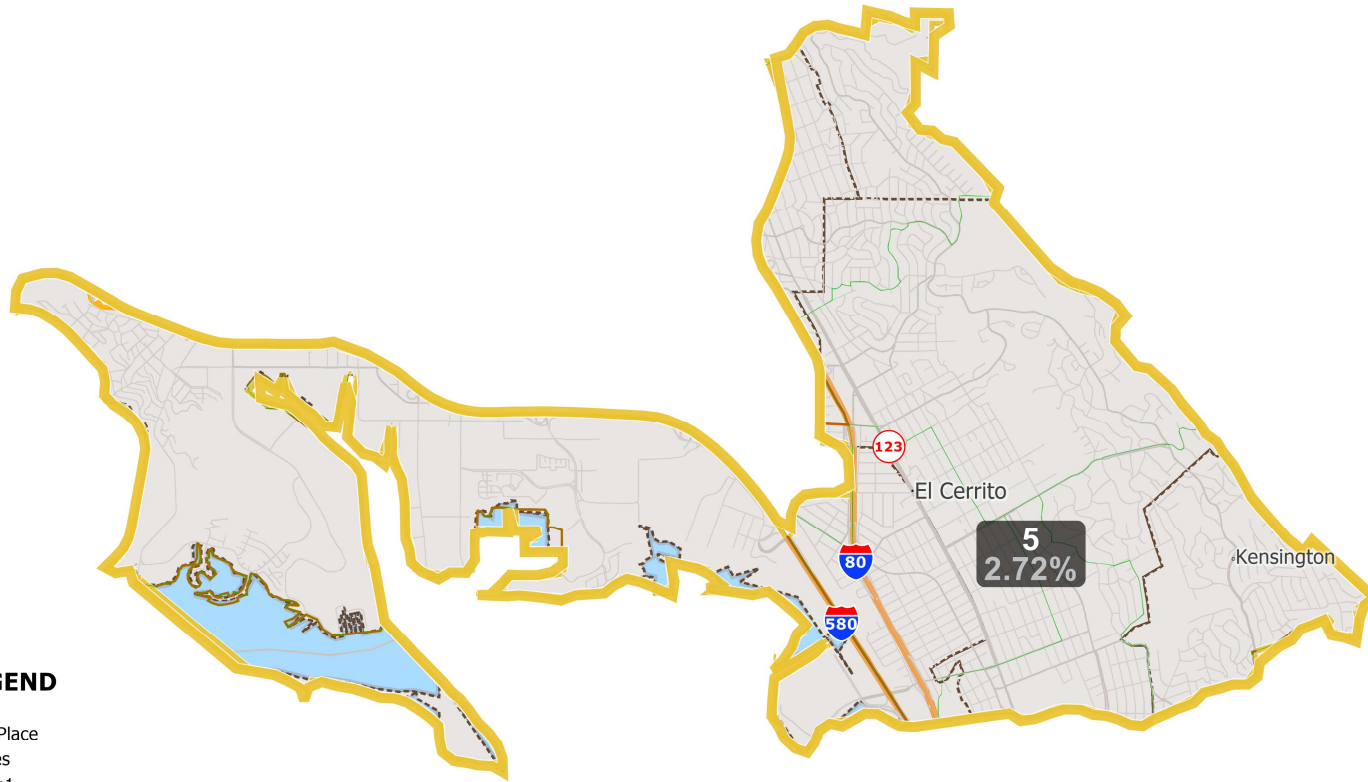
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

District: 5

Field	Value
District	5
POP20	53578
Deviation	1,420
% Deviation	2.72%
WHITE20	24971
% WHITE20	46.61%
BLACK20	3699
% BLACK20	6.9%
HISP20	7610
% HISP20	14.2%
ASIAN20	12696
% ASIAN20	23.7%
CVAP19	37481
WCVAP19	20565
% WCVAP19	54.87%
HCVAP19	3684
% HCVAP19	9.83%
ACVAP19	8348
% ACVAP19	22.27%
TOTREG	36,454
WHIREG	21,000
% WHIREG	57.61%
BLAREG	2,449
% BLAREG	6.72%
HISPREG	3,412
% HISPREG	9.36%
ASIREG	8,111
% ASIREG	22.25%



LEGEND

- State
- Census Place
- HS Zones
- Districts:1
- Elem Zones

US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

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Miles

User: Loren

Plan Name: WCCCPlan1_v3

Plan Type: WCCCPlan1_v3

Measures of Compactness Report

Tuesday, December 7, 2021

7:29 PM

	Reock	Polsby-Popper	Area/Convex Hull
Sum	N/A	N/A	N/A
Min	0.24	0.11	0.52
Max	0.48	0.26	0.74
Mean	0.34	0.17	0.60
Std. Dev.	0.11	0.07	0.09

District	Reock	Polsby-Popper	Area/Convex Hull
1	0.24	0.14	0.52
2	0.28	0.11	0.55
3	0.43	0.26	0.65
4	0.48	0.22	0.74
5	0.26	0.11	0.56

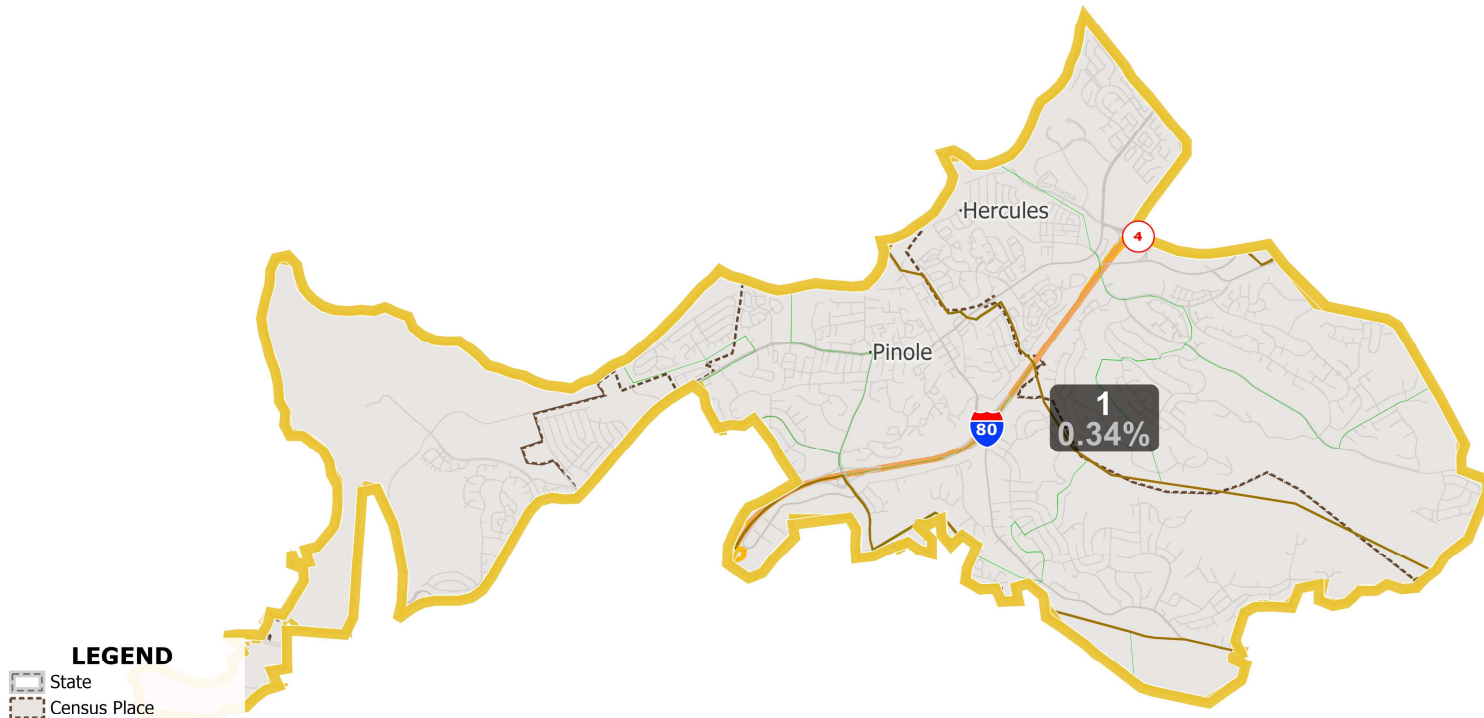
Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.
Area / Convex Hull	The measure is always between 0 and 1, with 1 being the most compact.

District	PctAsian20	PctWhite20	PctBlack20	PctLatino20	PctAsian30	PctWhite30	PctBlack30	PctLatino30	Pct_Change20_10	Pct_Change30_20
1	36.05	20.23	12.99	24.00	35.36	23.51	11.69	23.53	-1.35	6.78
2	8.74	9.24	23.10	54.35	12.66	8.90	21.02	53.45	18.20	4.06
3	11.39	6.45	9.27	69.82	12.86	6.37	7.80	70.11	11.74	7.44
4	22.30	22.05	18.60	29.09	23.87	24.61	15.09	30.72	-11.06	1.03
5	23.70	46.61	6.90	14.20	24.30	47.02	7.86	14.74	3.14	4.42

Proposed Map 2

District: 1



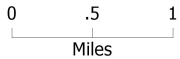
Field	Value
District	1
POP20	52336
Deviation	178
% Deviation	0.34%
WHITE20	10589
% WHITE20	20.23%
BLACK20	6796
% BLACK20	12.99%
HISP20	12559
% HISP20	24%
ASIAN20	18868
% ASIAN20	36.05%
CVAP19	37999
WCVAP19	10882
% WCVAP19	28.64%
BCVAP19	5834
% BCVAP19	15.35%
HCVAP19	6527
% HCVAP19	17.18%
ACVAP19	13803
% ACVAP19	36.32%
TOTREG	32,278
WHIREG	7,959
% WHIREG	24.66%
BLAREG	4,591
% BLAREG	14.22%
HISPREG	7,599
% HISPREG	23.54%
ASIREG	11,029
% ASIREG	34.17%

LEGEND

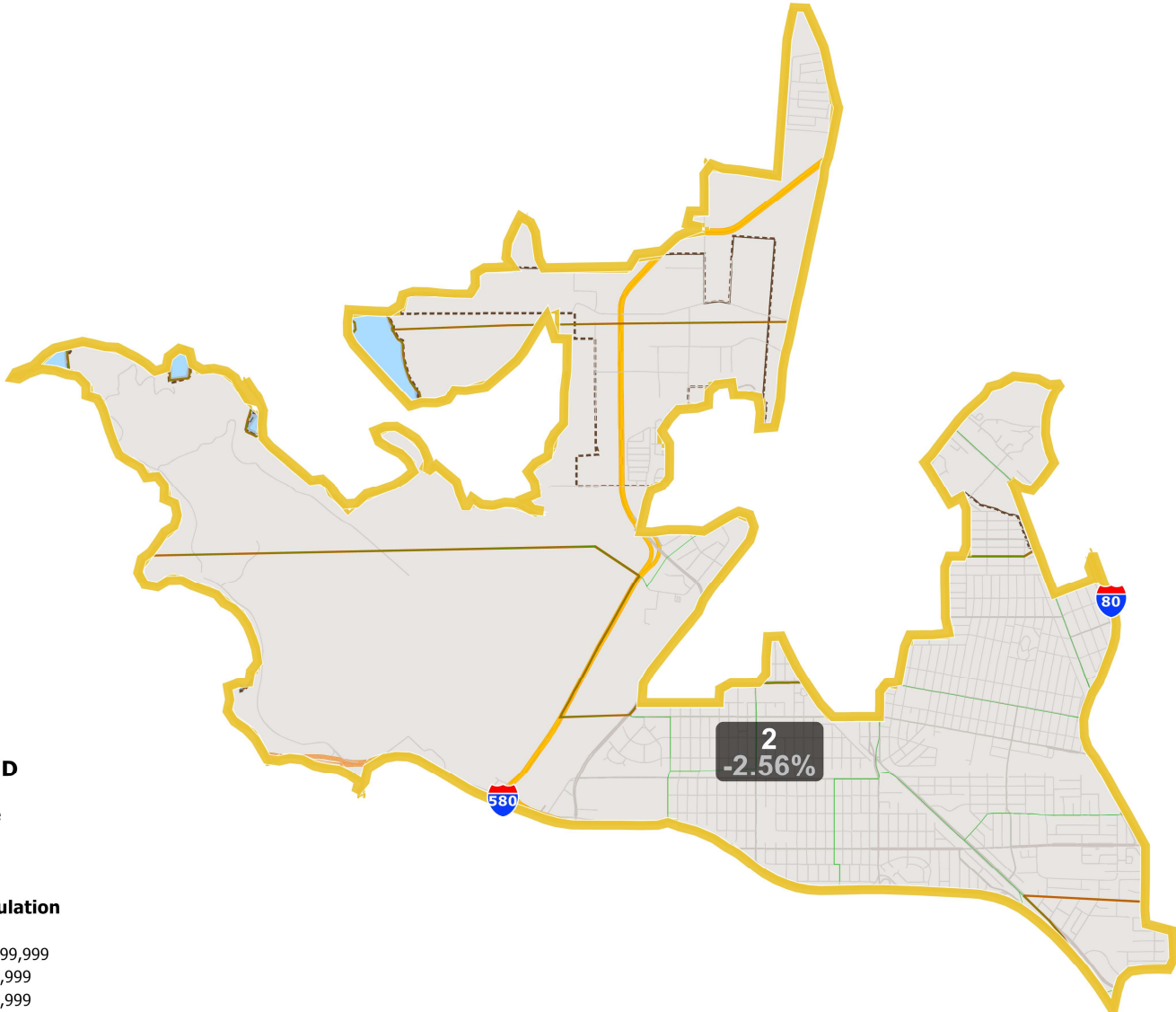
- State
- Census Place
- HS Zones
- Elem Zones
- Districts:1

US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000



District: 2



Field	Value
District	2
POP20	50822
Deviation	-1,336
% Deviation	-2.56%
WHITE20	5259
% WHITE20	10.35%
BLACK20	11995
% BLACK20	23.6%
HISP20	25987
% HISP20	51.13%
ASIAN20	5217
% ASIAN20	10.27%
CVAP19	26777
WCVAP19	4480
% WCVAP19	16.73%
BCVAP19	11082
% BCVAP19	41.39%
HCVAP19	7300
% HCVAP19	27.26%
ACVAP19	3567
% ACVAP19	13.32%
TOTREG	23,625
WHIREG	3,389
% WHIREG	14.34%
BLAREG	8,148
% BLAREG	34.49%
HISPREG	9,003
% HISPREG	38.11%
ASIREG	2,365
% ASIREG	10.01%

LEGEND

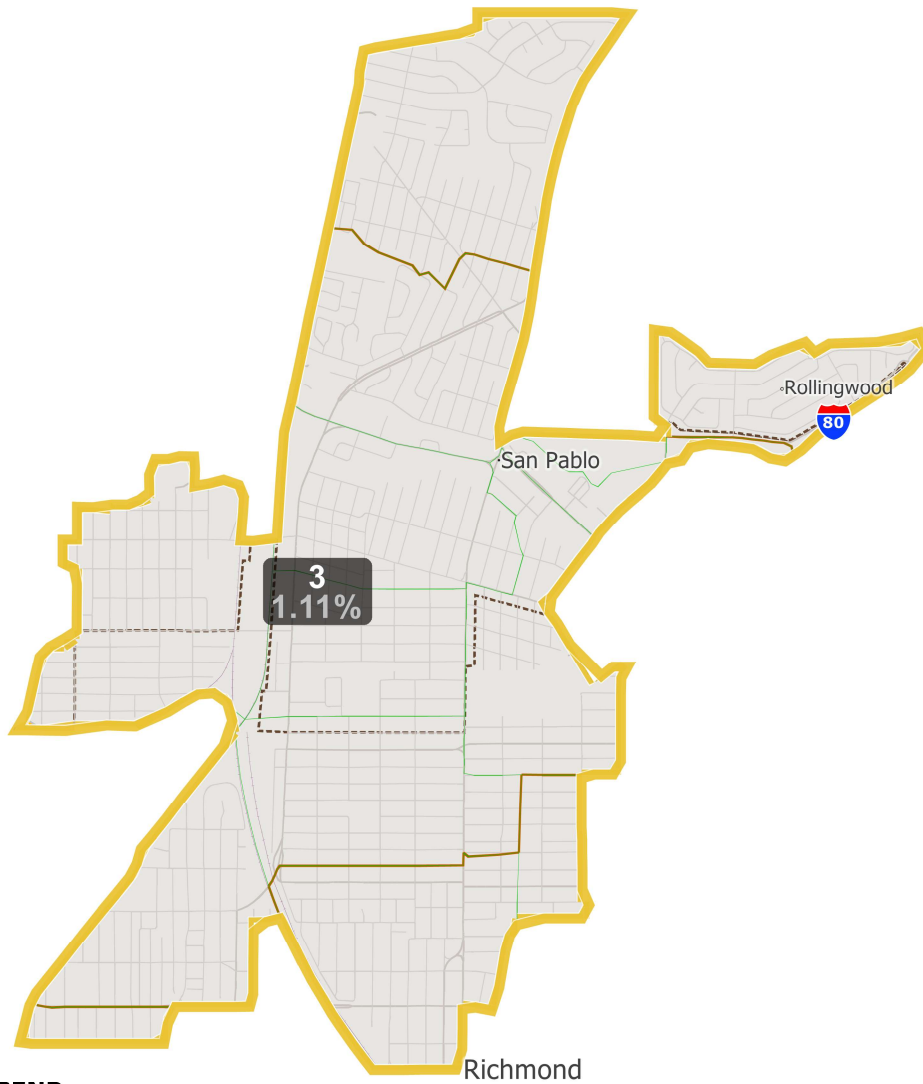
- State
- Census Place
- HS Zones
- Elem Zones
- Districts:1

US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

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Miles

District: 3



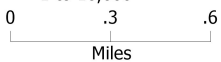
Field	Value
District	3
POP20	52739
Deviation	581
% Deviation	1.11%
WHITE20	2911
% WHITE20	5.52%
BLACK20	4983
% BLACK20	9.45%
HISP20	38061
% HISP20	72.17%
ASIAN20	5162
% ASIAN20	9.79%
CVAP19	22534
WCVAP19	2333
% WCVAP19	10.35%
BCVAP19	3620
% BCVAP19	16.06%
HCVAP19	12563
% HCVAP19	55.75%
ACVAP19	3147
% ACVAP19	13.97%
TOTREG	19,638
WHIREG	1,382
% WHIREG	7.04%
BLAREG	2,889
% BLAREG	14.71%
HISPREG	12,996
% HISPREG	66.18%
ASIREG	1,971
% ASIREG	10.04%

LEGEND

- State
- Census Place
- Railroad
- HS Zones
- Elem Zones
- Districts:1

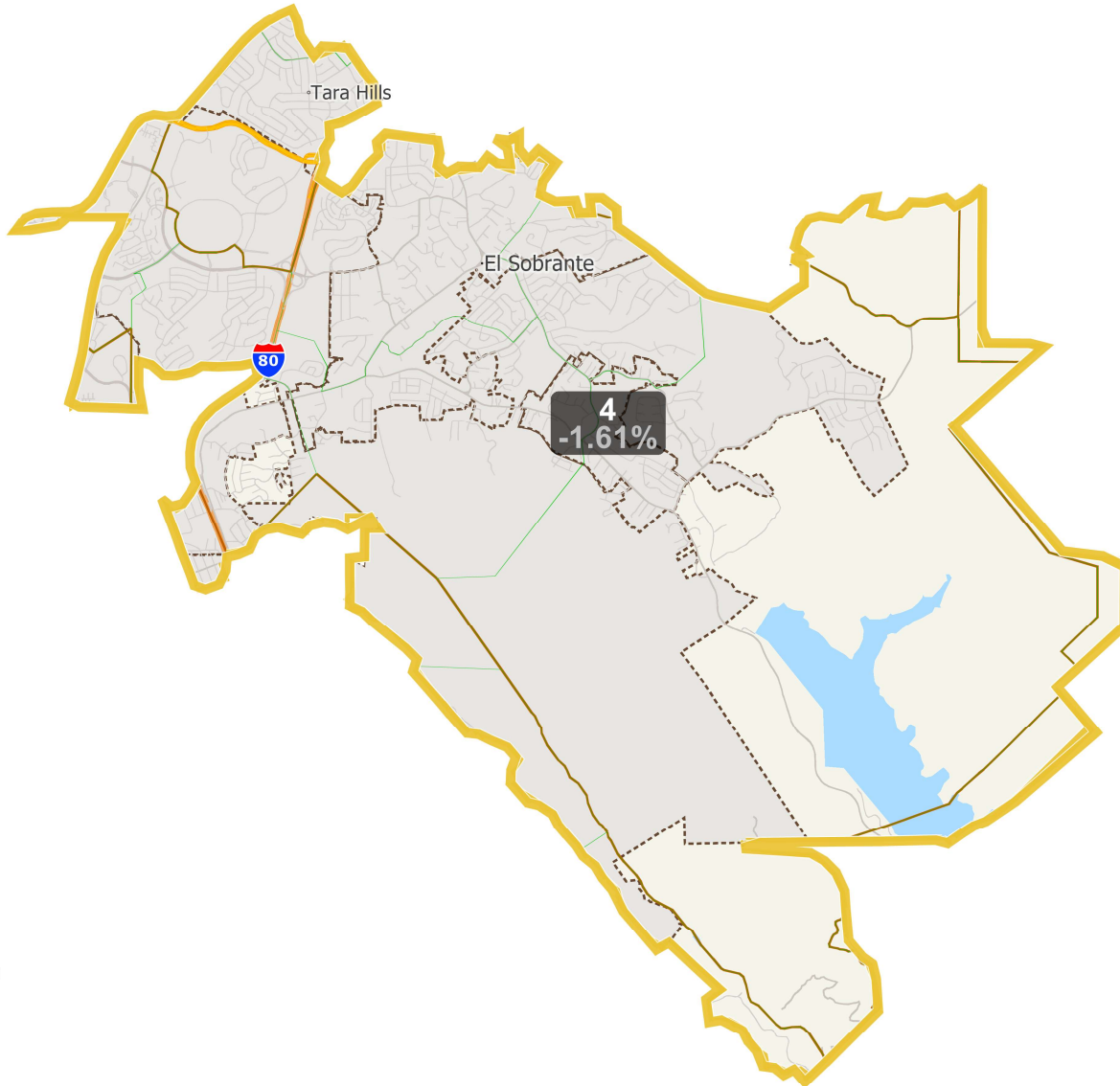
US City Population

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- 1 to 10,000



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District: 4



Field	Value
District	4
POP20	51316
Deviation	-842
% Deviation	-1.61%
WHITE20	11316
% WHITE20	22.05%
BLACK20	9543
% BLACK20	18.6%
HISP20	14928
% HISP20	29.09%
ASIAN20	11444
% ASIAN20	22.3%
CVAP19	34560
WCVAP19	10881
% WCVAP19	31.48%
BCVAP19	7752
% BCVAP19	22.43%
HCVAP19	7666
% HCVAP19	22.18%
ACVAP19	7714
% ACVAP19	22.32%
TOTREG	29,246
WHIREG	8,582
% WHIREG	29.34%
BLAREG	6,375
% BLAREG	21.8%
HISPREG	7,000
% HISPREG	23.93%
ASIREG	6,022
% ASIREG	20.59%

LEGEND

- State
- Census Place
- HS Zones
- Elem Zones
- Districts:1

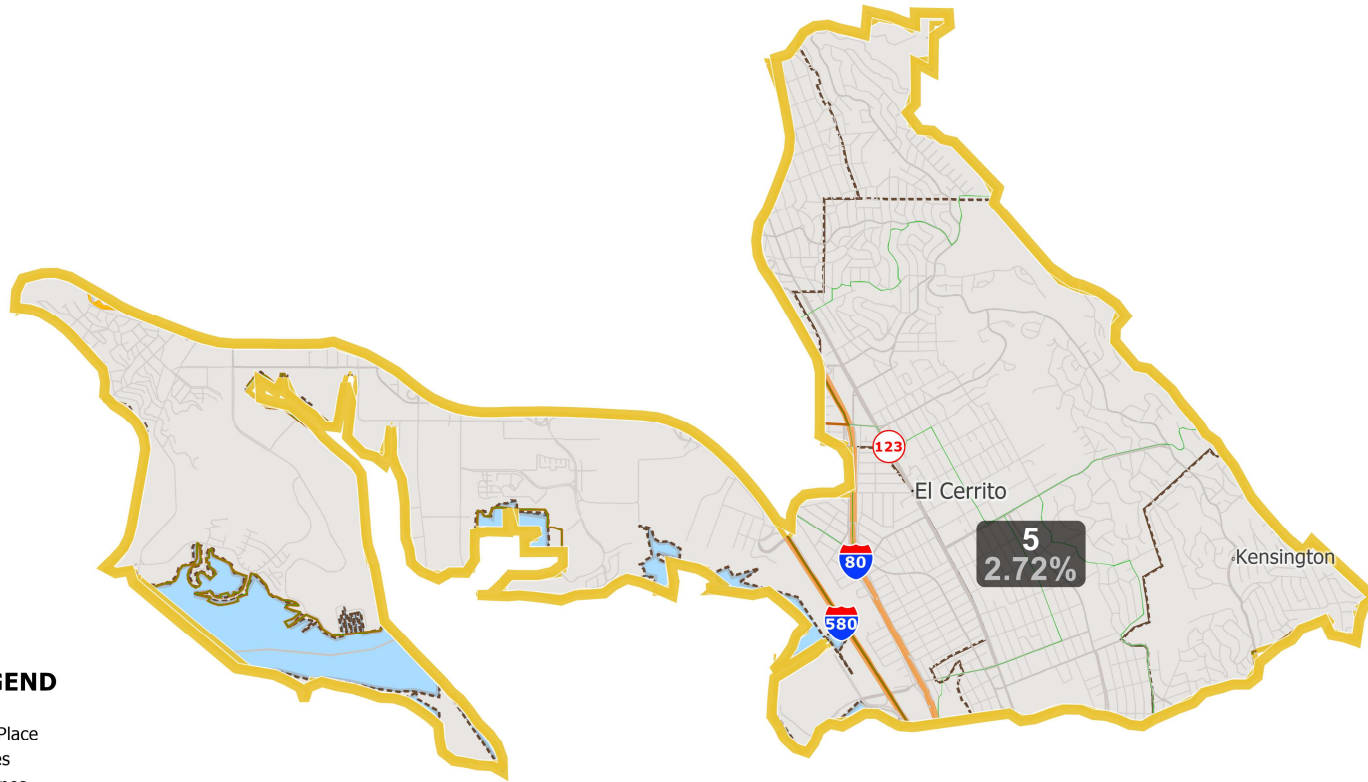
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

District: 5

Field	Value
District	5
POP20	53578
Deviation	1,420
% Deviation	2.72%
WHITE20	24971
% WHITE20	46.61%
BLACK20	3699
% BLACK20	6.9%
HISP20	7610
% HISP20	14.2%
ASIAN20	12696
% ASIAN20	23.7%
CVAP19	37481
WCVAP19	20565
% WCVAP19	54.87%
BCVAP19	3990
% BCVAP19	10.65%
HCVAP19	3684
% HCVAP19	9.83%
ACVAP19	8348
% ACVAP19	22.27%
TOTREG	36,454
WHIREG	21,000
% WHIREG	57.61%
BLAREG	2,449
% BLAREG	6.72%
HISPREG	3,412
% HISPREG	9.36%
ASIREG	8,111
% ASIREG	22.25%



LEGEND

- State
- Census Place
- HS Zones
- Elem Zones
- Districts:1

US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

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Miles

User: Loren

Plan Name: WCCCPlan2_v3

Plan Type: WCCCPlan2_v3

Measures of Compactness Report

Tuesday, December 7, 2021

7:51 PM

	Reock	Polsby-Popper	Area/Convex Hull
Sum	N/A	N/A	N/A
Min	0.24	0.09	0.52
Max	0.48	0.22	0.74
Mean	0.32	0.15	0.59
Std. Dev.	0.10	0.06	0.09

District	Reock	Polsby-Popper	Area/Convex Hull
1	0.24	0.14	0.52
2	0.28	0.09	0.54
3	0.34	0.20	0.60
4	0.48	0.22	0.74
5	0.26	0.11	0.56

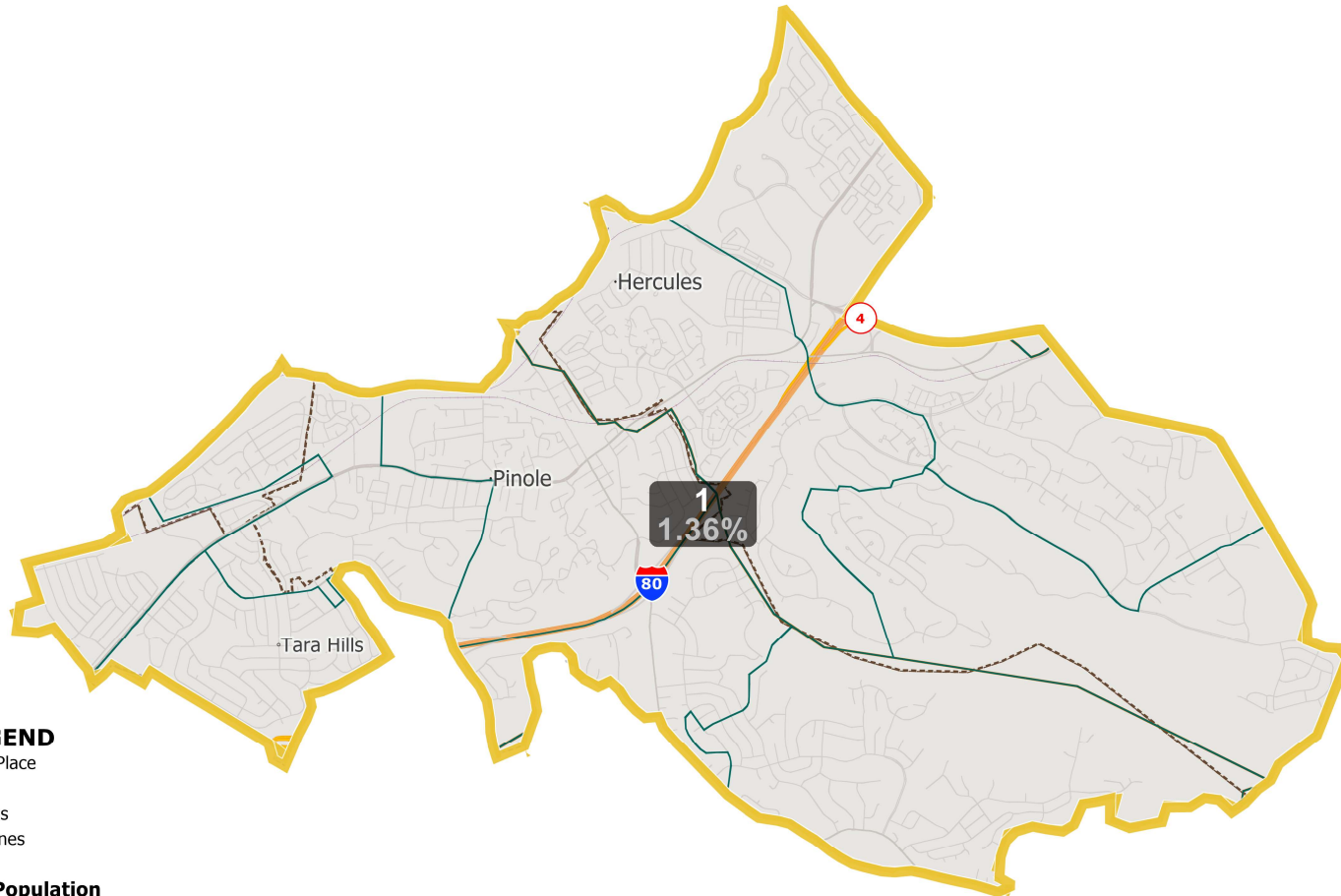
Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.
Area / Convex Hull	The measure is always between 0 and 1, with 1 being the most compact.

District	PctAsian20	PctWhite20	PctBlack20	PctLatino20	PctAsian30	PctWhite30	PctBlack30	PctLatino30	Pct_Change2	Pct_Change30_20
1	36.05	20.23	12.99	24.00	35.36	23.51	11.69	23.53	-1.35	6.78
2	10.27	10.35	23.60	51.13	14.50	10.47	22.82	47.64	14.29	3.96
3	9.79	5.52	9.45	72.17	11.14	5.03	6.75	74.74	15.65	7.37
4	22.30	22.05	18.60	29.09	23.87	24.61	15.09	30.72	-11.06	1.03
5	23.70	46.61	6.90	14.20	24.30	47.02	7.86	14.74	3.14	4.42

Proposed Map 3

District: 1



LEGEND

- Census Place
- Railroad
- HS Zones
- Elem Zones
- Districts

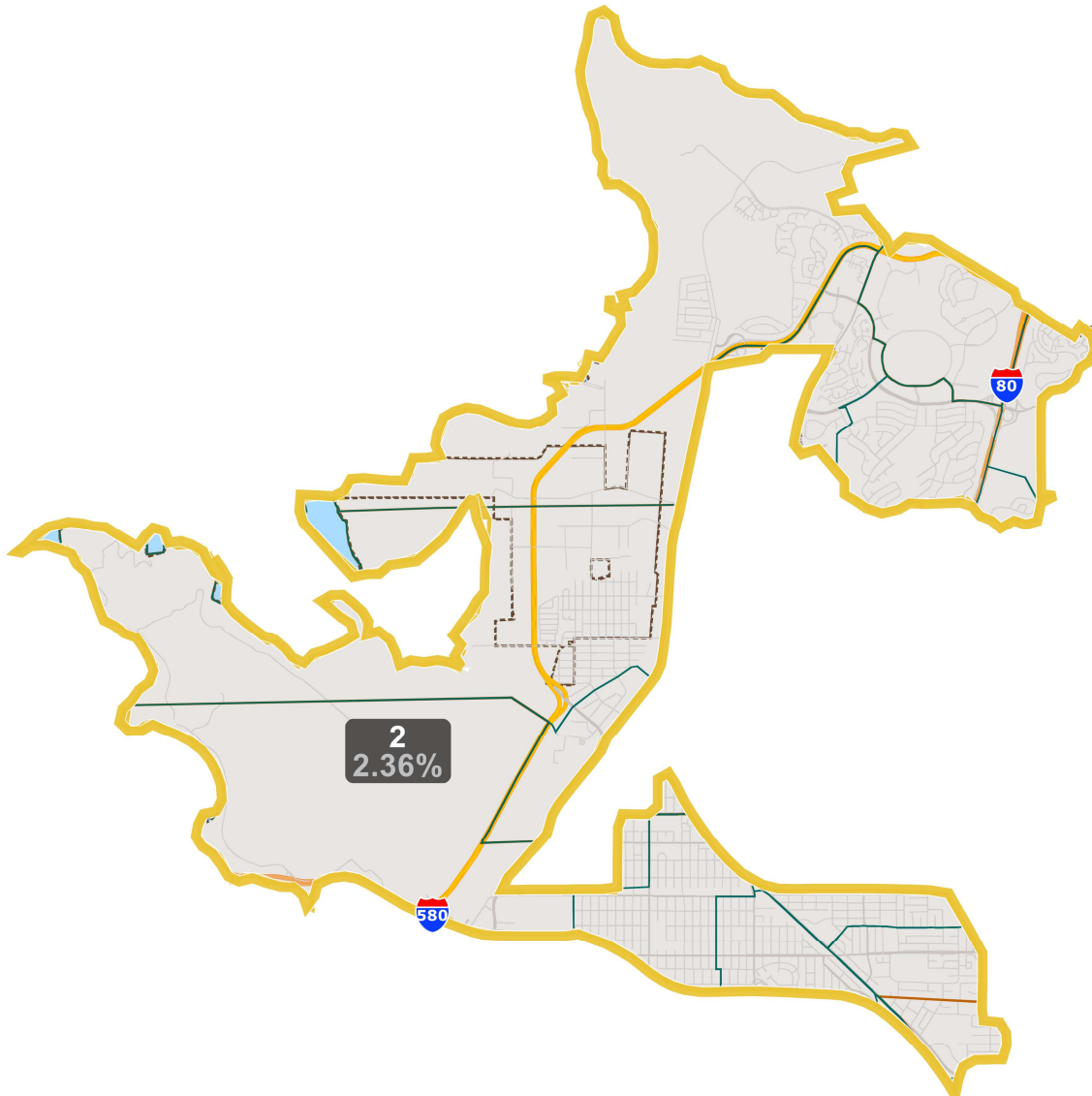
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

Field	Value
District	1
POP20	52867
Deviation	709
% Deviation	1.36%
WHITE20	10986
% WHITE20	20.78%
BLACK20	6607
% BLACK20	12.5%
HISP20	13627
% HISP20	25.78%
ASIAN20	18112
% ASIAN20	34.26%
CVAP19	38346
WCVAP19	10958
% WCVAP19	28.58%
BCVAP19	5674
% BCVAP19	14.8%
HCVAP19	7264
% HCVAP19	18.94%
ACVAP19	13477
% ACVAP19	35.15%
TOTREG	32,846
WHIREG	8,373
% WHIREG	25.49%
BLAREG	4,574
% BLAREG	13.93%
HISPREG	8,266
% HISPREG	25.17%
ASIREG	10,521
% ASIREG	32.03%

District: 2



LEGEND

- Census Place
- HS Zones
- Elem Zones
- Districts

US City Population

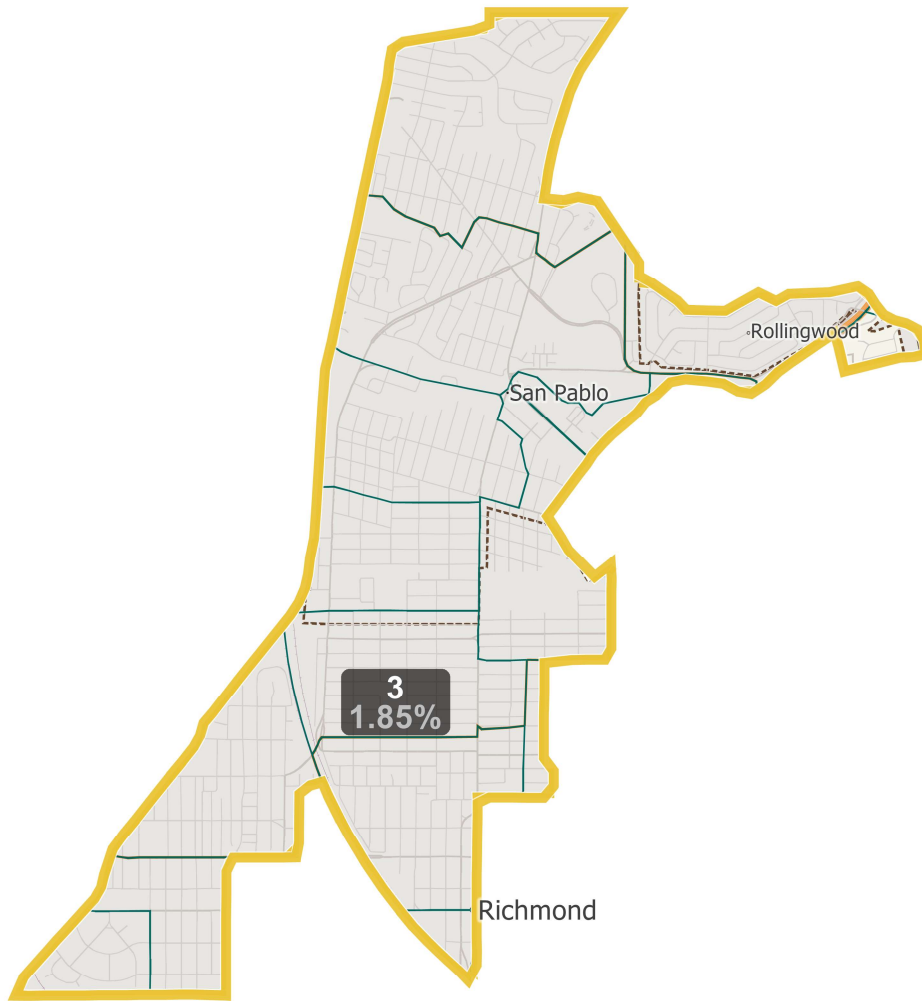
- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

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Miles

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Field	Value
District	2
POP20	53387
Deviation	1,229
% Deviation	2.36%
WHITE20	3794
% WHITE20	7.11%
BLACK20	15131
% BLACK20	28.34%
HISP20	24323
% HISP20	45.56%
ASIAN20	7295
% ASIAN20	13.66%
CVAP19	29871
WCVAP19	3530
% WCVAP19	11.82%
BCVAP19	13196
% BCVAP19	44.18%
HCVAP19	7676
% HCVAP19	25.7%
ACVAP19	4946
% ACVAP19	16.56%
TOTREG	23,633
WHIREG	1,915
% WHIREG	8.1%
BLAREG	10,097
% BLAREG	42.72%
HISPREG	7,581
% HISPREG	32.08%
ASIREG	3,294
% ASIREG	13.94%

District: 3



Field	Value
District	3
POP20	53125
Deviation	967
% Deviation	1.85%
WHITE20	3222
% WHITE20	6.06%
BLACK20	5418
% BLACK20	10.2%
HISP20	36916
% HISP20	69.49%
ASIAN20	5879
% ASIAN20	11.07%
CVAP19	23311
WCVAP19	2680
% WCVAP19	11.5%
BCVAP19	4012
% BCVAP19	17.21%
HCVAP19	12371
% HCVAP19	53.07%
ACVAP19	3557
% ACVAP19	15.26%
TOTREG	20,538
WHIREG	1,631
% WHIREG	7.94%
BLAREG	3,179
% BLAREG	15.48%
HISPREG	12,968
% HISPREG	63.14%
ASIREG	2,319
% ASIREG	11.29%

LEGEND

- Census Place
- Railroad
- HS Zones
- Elem Zones
- Districts

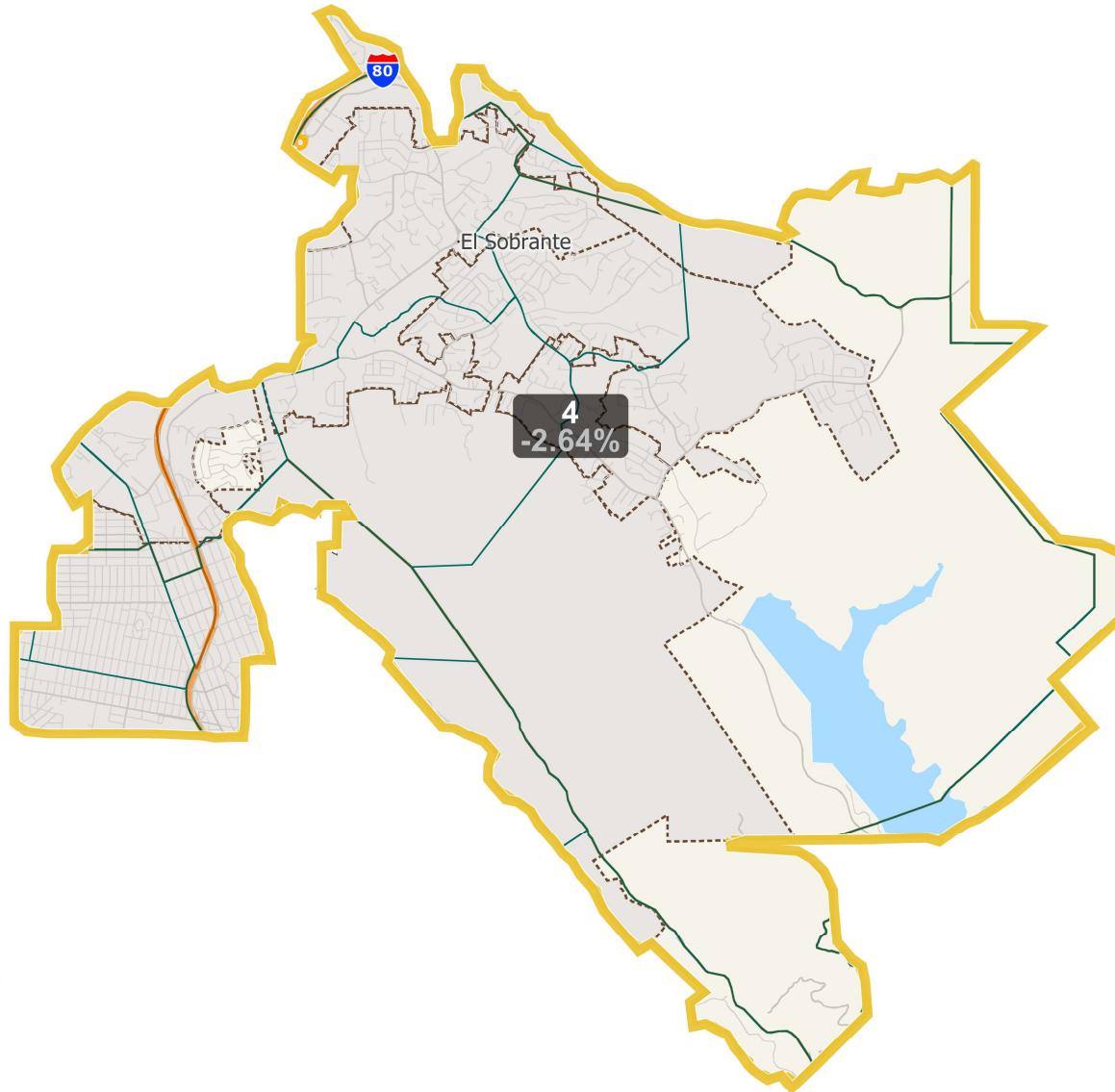
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000



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District: 4



Field	Value
District	4
POP20	50780
Deviation	-1,378
% Deviation	-2.64%
WHITE20	13178
% WHITE20	25.95%
BLACK20	6493
% BLACK20	12.79%
HISP20	17418
% HISP20	34.3%
ASIAN20	9948
% ASIAN20	19.59%
CVAP19	32430
WCVAP19	12333
% WCVAP19	38.03%
BCVAP19	5744
% BCVAP19	17.71%
HCVAP19	7049
% HCVAP19	21.74%
ACVAP19	6675
% ACVAP19	20.58%
TOTREG	29,777
WHIREG	10,364
% WHIREG	34.81%
BLAREG	4,381
% BLAREG	14.71%
HISPREG	8,161
% HISPREG	27.41%
ASIREG	5,600
% ASIREG	18.81%

LEGEND

- Census Place
- HS Zones
- Elem Zones
- Districts

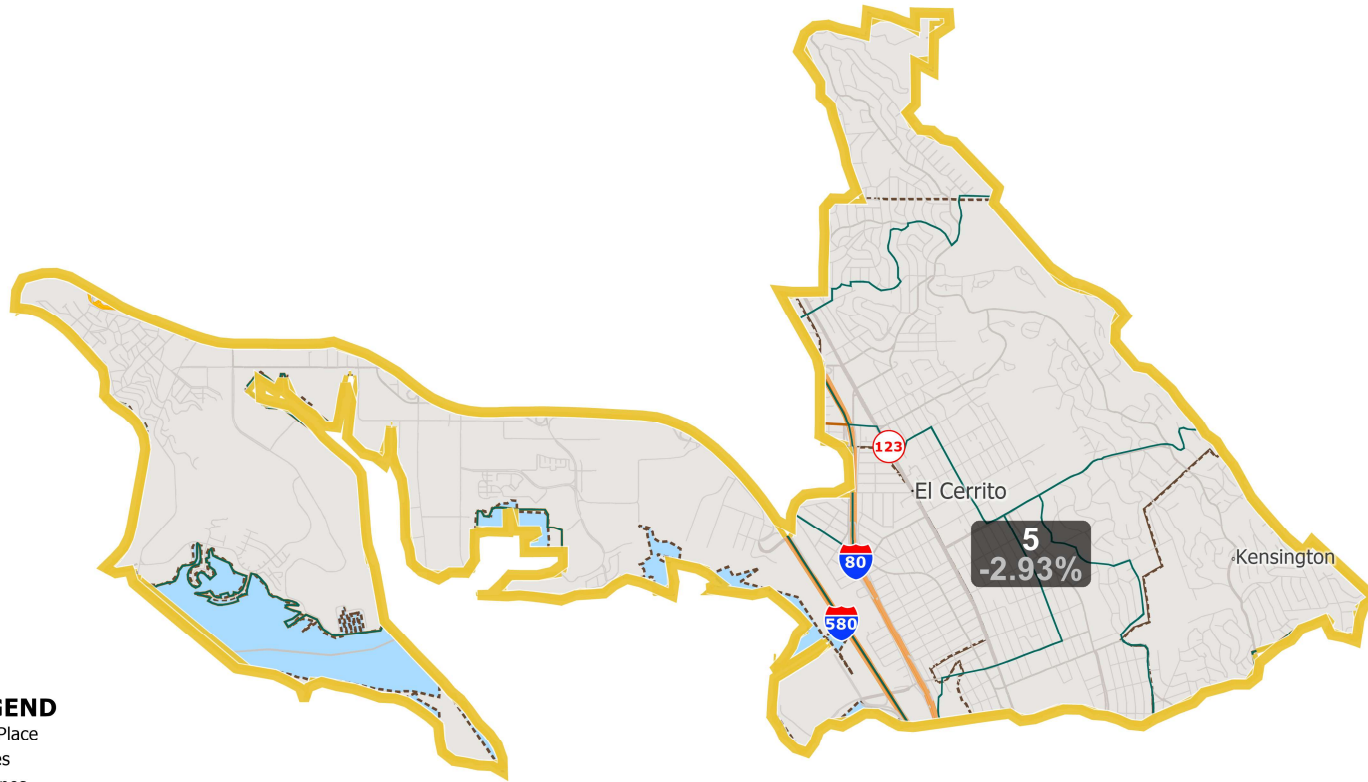
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

District: 5

Field	Value
District	5
POP20	50632
Deviation	-1,526
% Deviation	-2.93%
WHITE20	23866
% WHITE20	47.14%
BLACK20	3367
% BLACK20	6.65%
HISP20	6861
% HISP20	13.55%
ASIAN20	12153
% ASIAN20	24%
CVAP19	35393
WCVAP19	19640
% WCVAP19	55.49%
BCVAP19	3652
% BCVAP19	10.32%
HCVAP19	3380
% HCVAP19	9.55%
ACVAP19	7924
% ACVAP19	22.39%
TOTREG	34,447
WHIREG	20,029
% WHIREG	58.14%
BLAREG	2,221
% BLAREG	6.45%
HISPREG	3,034
% HISPREG	8.81%
ASIREG	7,764
% ASIREG	22.54%

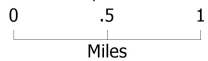


LEGEND

- Census Place
- HS Zones
- Elem Zones
- Districts

US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000



User: Loren

Plan Name: WCCCPlan3_v1

Plan Type: WCCC_Plan3_v1

Measures of Compactness Report

Tuesday, December 7, 2021

7:54 PM

	Reock	Polsby-Popper	Area/Convex Hull
Sum	N/A	N/A	N/A
Min	0.25	0.09	0.47
Max	0.53	0.29	0.76
Mean	0.35	0.19	0.61
Std. Dev.	0.11	0.08	0.12

District	Reock	Polsby-Popper	Area/Convex Hull
1	0.37	0.29	0.76
2	0.32	0.09	0.47
3	0.27	0.22	0.56
4	0.53	0.23	0.71
5	0.25	0.11	0.54

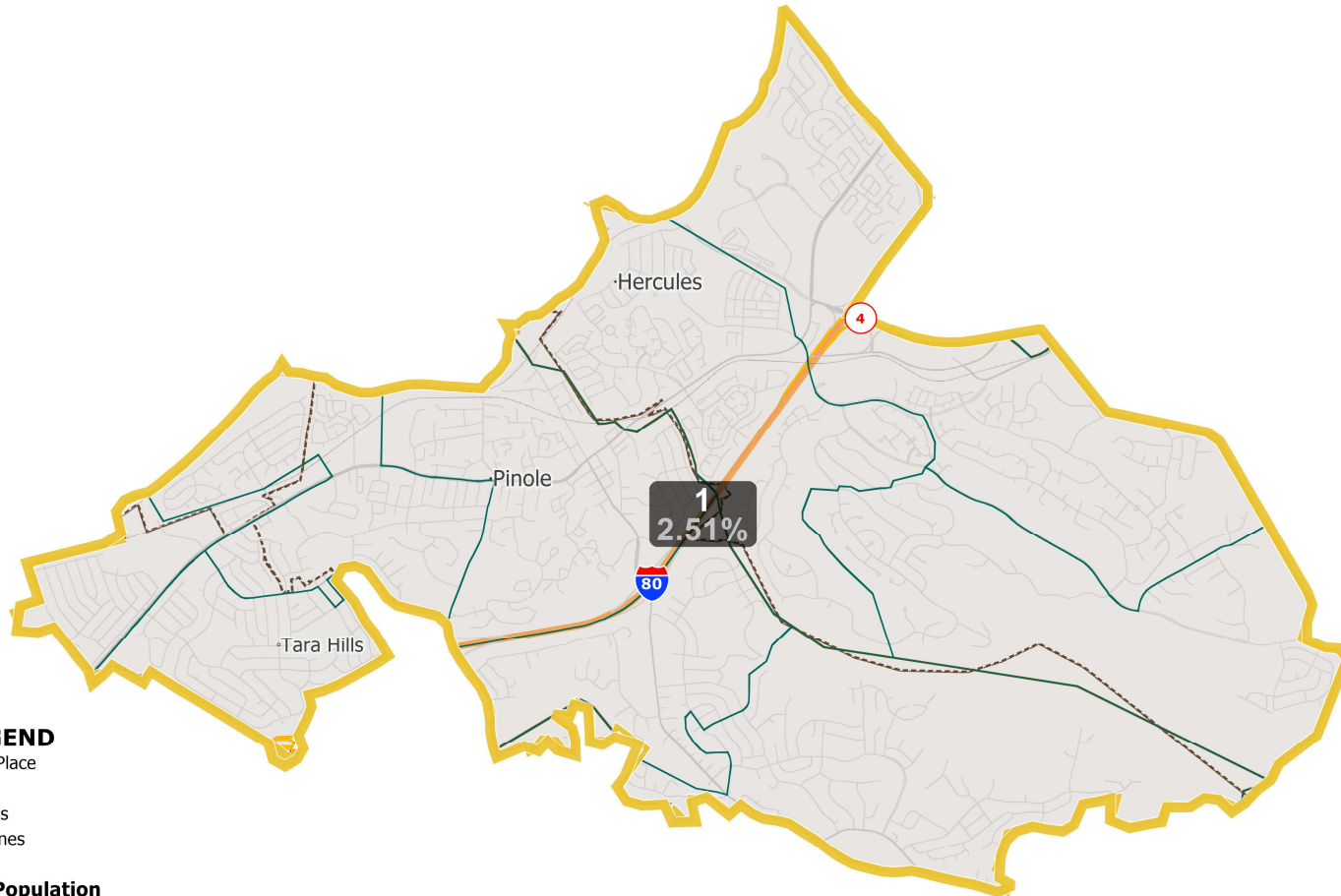
Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.
Area / Convex Hull	The measure is always between 0 and 1, with 1 being the most compact.

District	PctAsian20	PctWhite20	PctBlack20	PctLatino20	PctAsian30	PctWhite30	PctBlack30	PctLatino30	Pct_Change20_	Pct_Change30_20
1	34.26	20.78	12.50	25.78	34.75	23.50	11.41	24.43	3.08	7.33
2	13.66	7.11	28.34	45.56	15.69	9.32	23.99	45.90	-11.65	6.22
3	11.07	6.06	10.20	69.49	13.45	5.45	7.66	70.92	12.46	8.26
4	19.59	25.95	12.79	34.30	20.96	28.08	12.42	33.61	13.63	-3.41
5	24.00	47.14	6.65	13.55	24.60	47.18	7.64	14.40	3.06	4.91

Proposed Map 4

District: 1



LEGEND

- Census Place
- Railroad
- HS Zones
- Elem Zones
- Districts

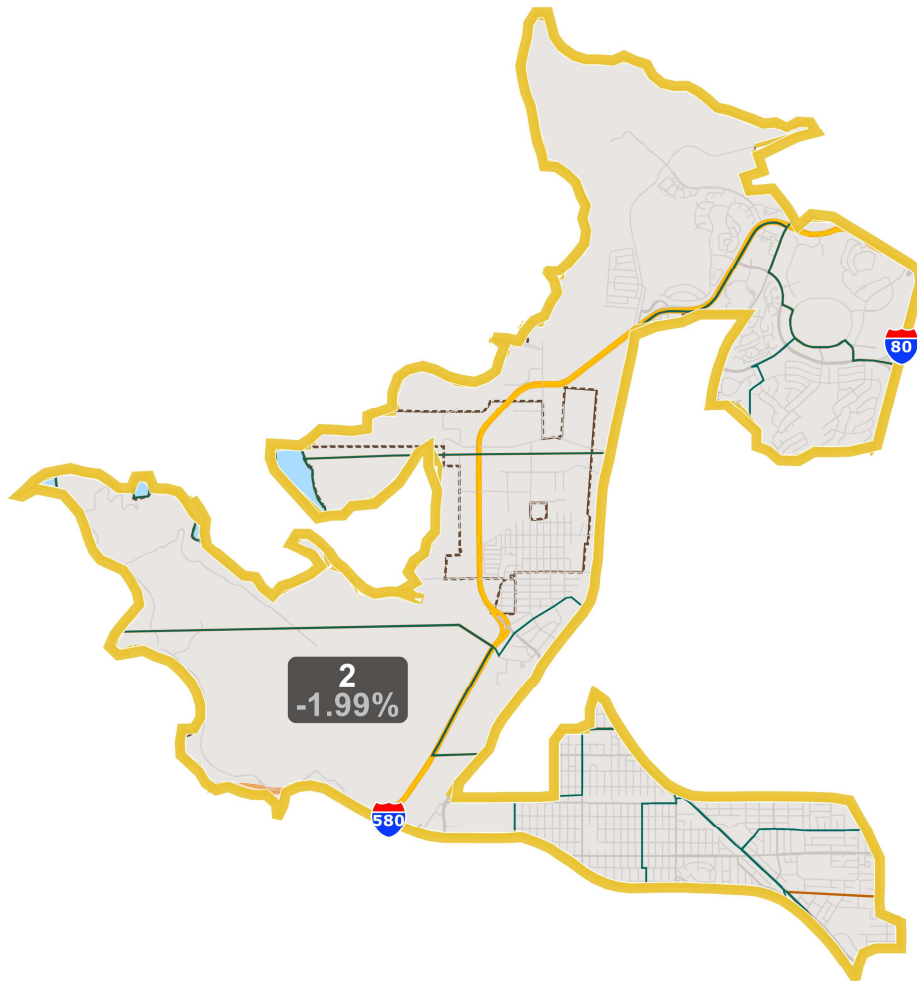
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

Field	Value
District	1
POP20	53465
Deviation	1,307
% Deviation	2.51%
WHITE20	11180
% WHITE20	20.91%
BLACK20	6660
% BLACK20	12.46%
HISP20	13781
% HISP20	25.78%
ASIAN20	18247
% ASIAN20	34.13%
CVAP19	38839
WCVAP19	11182
% WCVAP19	28.79%
BCVAP19	5732
% BCVAP19	14.76%
HCVAP19	7349
% HCVAP19	18.92%
ACVAP19	13592
% ACVAP19	35%
TOTREG	33,260
WHIREG	8,559
% WHIREG	25.73%
BLAREG	4,612
% BLAREG	13.87%
HISPREG	8,355
% HISPREG	25.12%
ASIREG	10,602
% ASIREG	31.88%

District: 2



Field	Value
District	2
POP20	51119
Deviation	-1,039
% Deviation	-1.99%
WHITE20	3531
% WHITE20	6.91%
BLACK20	14423
% BLACK20	28.21%
HISP20	23840
% HISP20	46.64%
ASIAN20	6634
% ASIAN20	12.98%
CVAP19	28014
WCVAP19	3202
% WCVAP19	11.43%
BCVAP19	12565
% BCVAP19	44.85%
HCVAP19	7375
% HCVAP19	26.33%
ACVAP19	4357
% ACVAP19	15.55%
TOTREG	22,233
WHIREG	1,730
% WHIREG	7.78%
BLAREG	9,539
% BLAREG	42.9%
HISPREG	7,303
% HISPREG	32.85%
ASIREG	2,968
% ASIREG	13.35%

LEGEND

- Census Place
- HS Zones
- Elem Zones
- Districts

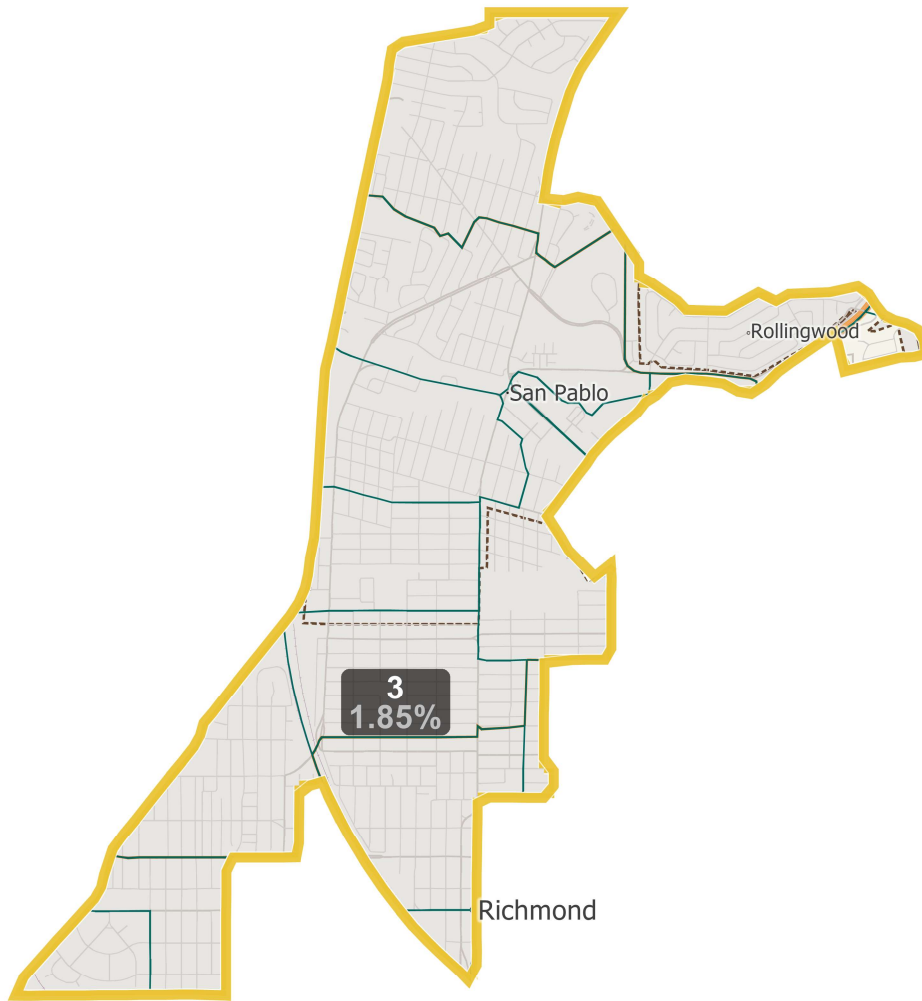
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .75 1.5
Miles

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District: 3



Field	Value
District	3
POP20	53125
Deviation	967
% Deviation	1.85%
WHITE20	3222
% WHITE20	6.06%
BLACK20	5418
% BLACK20	10.2%
HISP20	36916
% HISP20	69.49%
ASIAN20	5879
% ASIAN20	11.07%
CVAP19	23311
WCVAP19	2680
% WCVAP19	11.5%
BCVAP19	4012
% BCVAP19	17.21%
HCVAP19	12371
% HCVAP19	53.07%
ACVAP19	3557
% ACVAP19	15.26%
TOTREG	20,538
WHIREG	1,631
% WHIREG	7.94%
BLAREG	3,179
% BLAREG	15.48%
HISPREG	12,968
% HISPREG	63.14%
ASIREG	2,319
% ASIREG	11.29%

LEGEND

- Census Place
- Railroad
- HS Zones
- Elem Zones
- Districts

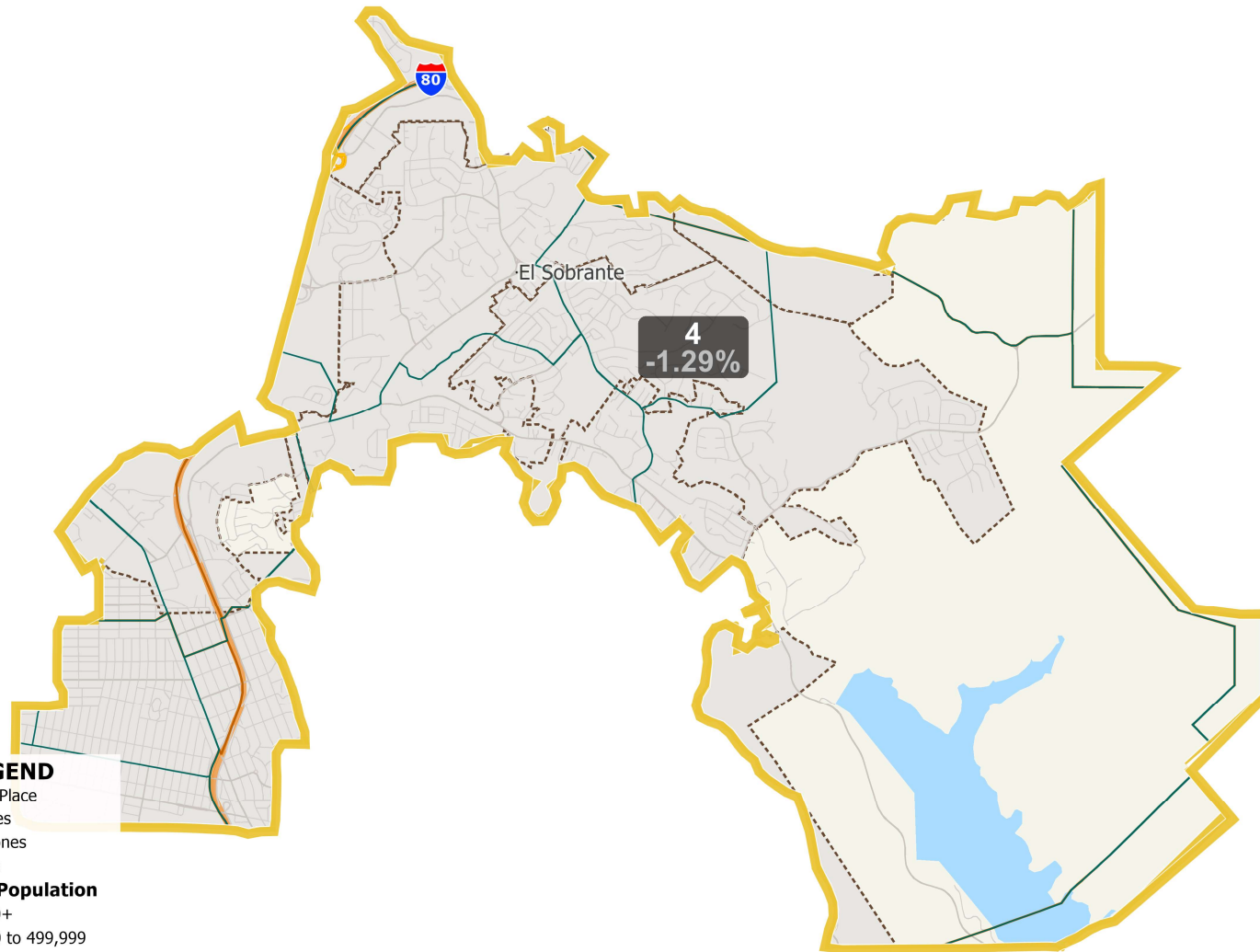
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000



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District: 4



Field	Value
District	4
POP20	51484
Deviation	-674
% Deviation	-1.29%
WHITE20	12916
% WHITE20	25.09%
BLACK20	6996
% BLACK20	13.59%
HISP20	17584
% HISP20	34.15%
ASIAN20	10226
% ASIAN20	19.86%
CVAP19	33004
WCVAP19	12131
% WCVAP19	36.76%
BCVAP19	6166
% BCVAP19	18.68%
HCVAP19	7148
% HCVAP19	21.66%
ACVAP19	6918
% ACVAP19	20.96%
TOTREG	30,093
WHIREG	10,088
% WHIREG	33.52%
BLAREG	4,793
% BLAREG	15.93%
HISPREG	8,250
% HISPREG	27.42%
ASIREG	5,683
% ASIREG	18.88%

LEGEND

- Census Place
- HS Zones
- Elem Zones
- Districts

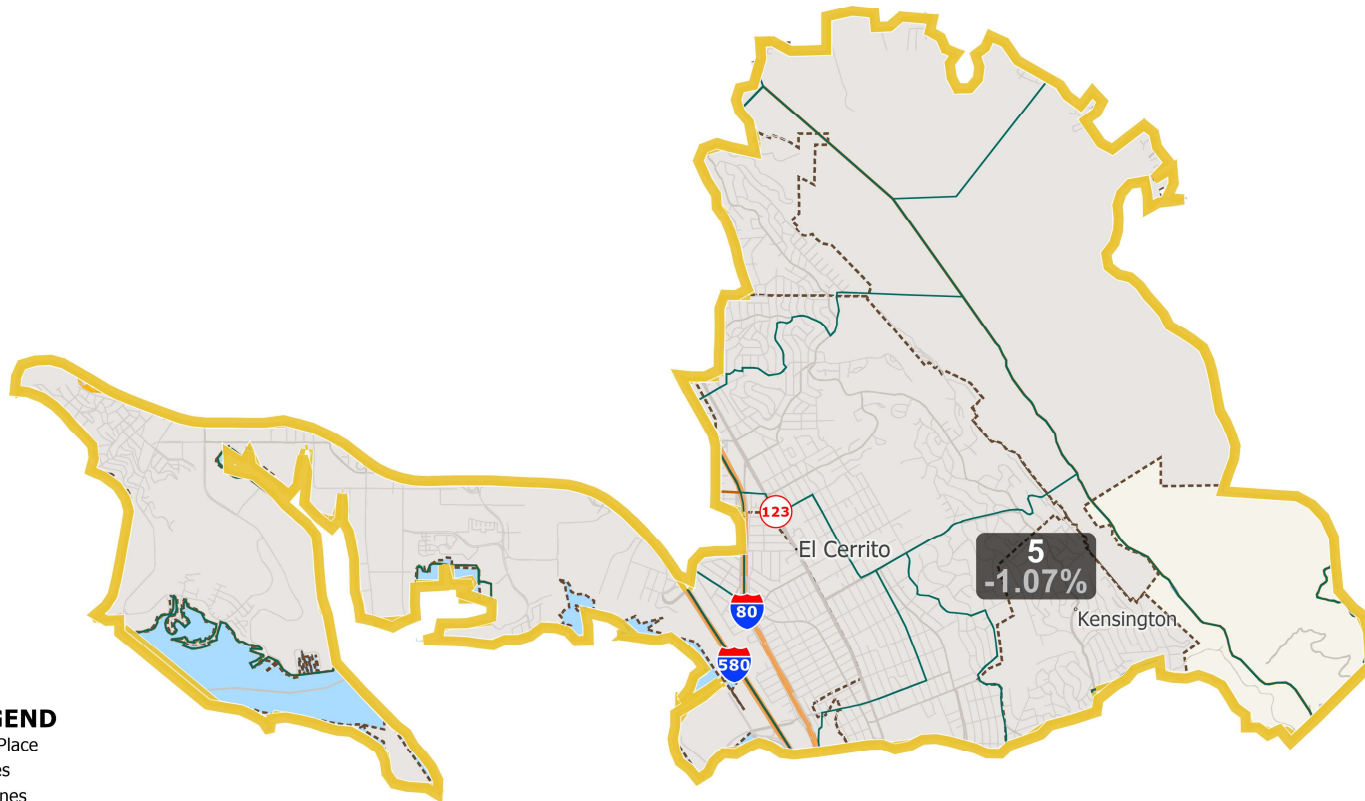
US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000

0 .5 1
Miles

District: 5

Field	Value
District	5
POP20	51598
Deviation	-560
% Deviation	-1.07%
WHITE20	24197
% WHITE20	46.9%
BLACK20	3519
% BLACK20	6.82%
HISP20	7024
% HISP20	13.61%
ASIAN20	12401
% ASIAN20	24.03%
CVAP19	36183
WCVAP19	19946
% WCVAP19	55.13%
BCVAP19	3803
% BCVAP19	10.51%
HCVAP19	3497
% HCVAP19	9.66%
ACVAP19	8155
% ACVAP19	22.54%
TOTREG	35,117
WHIREG	20,304
% WHIREG	57.82%
BLAREG	2,329
% BLAREG	6.63%
HISPREG	3,134
% HISPREG	8.92%
ASIREG	7,926
% ASIREG	22.57%

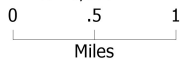


LEGEND

- Census Place
- HS Zones
- Elem Zones
- Districts

US City Population

- 500,000+
- 100,000 to 499,999
- 50,000 to 99,999
- 10,000 to 49,999
- 1 to 10,000



User: Loren

Plan Name: WCCCPlan4_v1

Plan Type: WCCC_Plan4_v1

Measures of Compactness Report

Tuesday, December 7, 2021

7:58 PM

	Reock	Polsby-Popper	Area/Convex Hull
Sum	N/A	N/A	N/A
Min	0.27	0.09	0.48
Max	0.41	0.29	0.78
Mean	0.33	0.18	0.61
Std. Dev.	0.06	0.08	0.11

District	Reock	Polsby-Popper	Area/Convex Hull
1	0.38	0.29	0.78
2	0.31	0.09	0.48
3	0.27	0.22	0.56
4	0.41	0.18	0.61
5	0.30	0.12	0.61

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.
Area / Convex Hull	The measure is always between 0 and 1, with 1 being the most compact.

District	PctAsian20	PctWhite20	PctBlack20	PctLatino20	PctAsian30	PctWhite30	PctBlack30	PctLatino30	Pct_Change2	Pct_Change30_20
1	34.13	20.91	12.46	25.78	34.60	23.67	11.43	24.31	3.76	7.44
2	12.98	6.91	28.21	46.64	14.54	8.49	24.40	47.37	-13.00	4.74
3	11.07	6.06	10.20	69.49	13.45	5.45	7.66	70.92	12.46	8.26
4	19.86	25.09	13.59	34.15	21.68	27.57	12.67	33.34	12.60	-2.40
5	24.03	46.90	6.82	13.61	24.65	46.79	7.77	14.61	4.18	5.39