

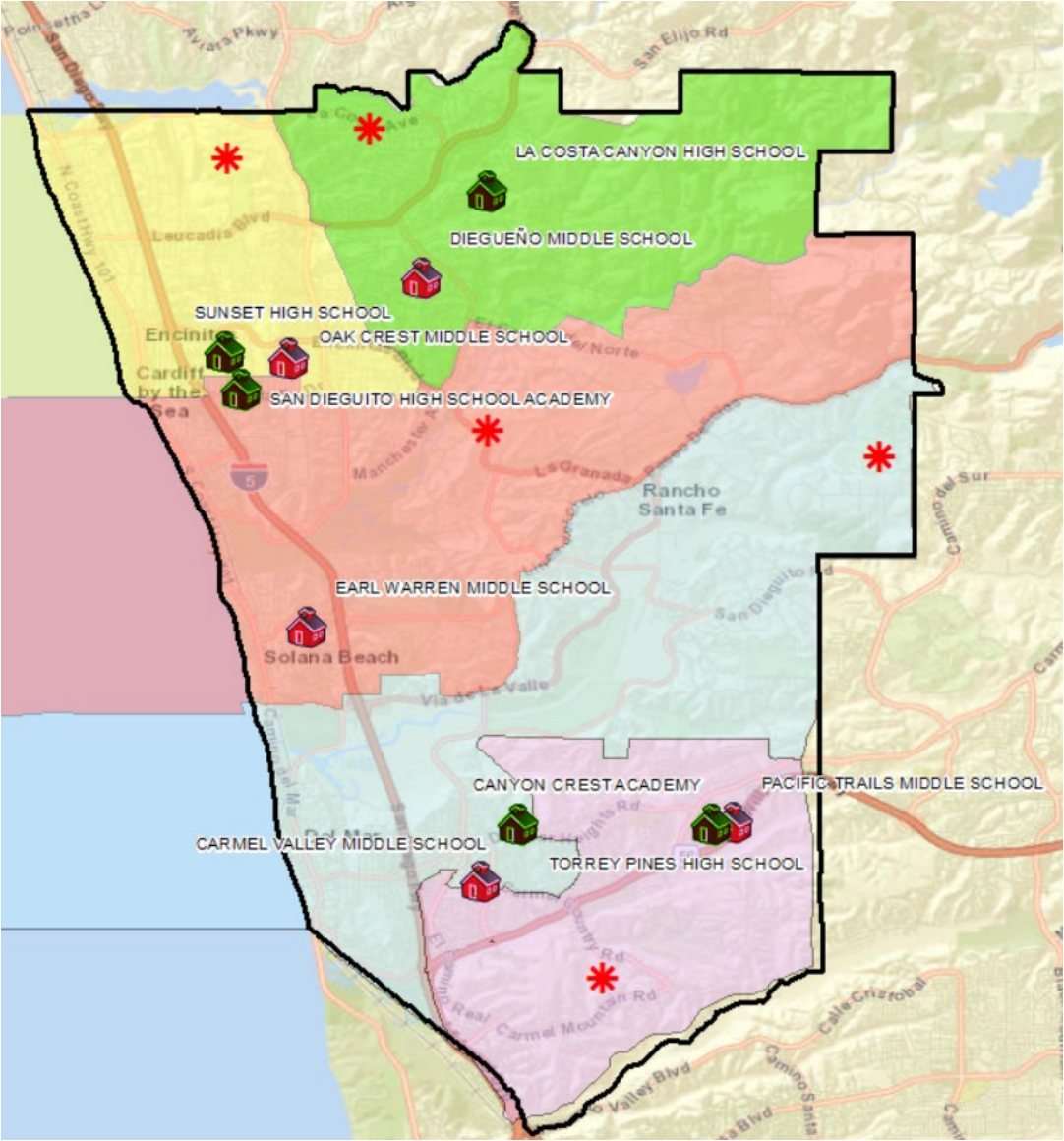


Presentation on San Dieguito Union High School District Trustee Areas
by
ARCBridge Consulting
4/25/22



ARCBridge Consulting & Training Inc.
www.arcbridge.com

Current Trustee Areas



District Summary

Maximum Deviation - 27.9%

Trustee Area	Total Population	Ideal	Deviation	Deviation %
1	34,549	36,720	-2,171	-5.91%
2	35,773	36,720	-947	-2.58%
3	34,320	36,720	-2,400	-6.54%
4	34,380	36,720	-2,340	-6.37%
5	44,577	36,720	7,857	21.40%
	183,599	183,600		

Comparison of 2010 and 2020 Population

Trustee Area	2010 Census		2020 Census		Change	
	Total	Variance	Total	Variance	Population	Percent
1	32,920	-0.9%	34,548	-5.9%	1,628	4.9%
2	33,240	0.1%	35,773	-2.6%	2,533	7.6%
3	33,193	-0.1%	34,321	-6.5%	1,128	3.4%
4	33,386	0.5%	34,382	-6.4%	996	3.0%
5	33,330	0.3%	44,575	21.4%	11,245	33.7%
Total Population	166,069	1.4%	183,599	27.9%	17,530	10.6%

Current Trustee Areas – Max Dev 27.9%

Current Plan with 2020 Population

Total Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	15.95%	72.70%	0.54%	0.23%	4.31%	0.09%	0.57%	5.62%	100.00%
2	10.70%	75.16%	0.69%	0.13%	6.31%	0.13%	0.55%	6.33%	100.00%
3	13.82%	75.83%	0.50%	0.17%	4.13%	0.12%	0.66%	4.76%	100.00%
4	8.23%	68.25%	0.68%	0.08%	16.52%	0.06%	0.75%	5.42%	100.00%
5	9.05%	49.25%	1.09%	0.09%	33.53%	0.09%	0.54%	6.36%	100.00%

Voting-Age Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	14.41%	75.15%	0.57%	0.21%	4.68%	0.11%	0.54%	4.33%	100.00%
2	9.73%	77.27%	0.68%	0.13%	6.85%	0.11%	0.58%	4.66%	100.00%
3	12.62%	77.76%	0.51%	0.20%	4.39%	0.14%	0.60%	3.79%	100.00%
4	7.32%	71.56%	0.69%	0.09%	15.50%	0.05%	0.66%	4.13%	100.00%
5	8.26%	52.41%	1.10%	0.11%	33.14%	0.08%	0.48%	4.42%	100.00%

Redistricting Criteria

- By-Trustee Area” election system considerations
 - Equal Population – All districts should have equal population - as equal as possible
 - The maximum deviation should not be more than 10%
 - Maximum deviation is the difference between the most populated district and the least populated district.
 - Districts should be compact
 - Districts should be contiguous
 - Minorities should be fairly represented
 - Communities of interests should be preserved

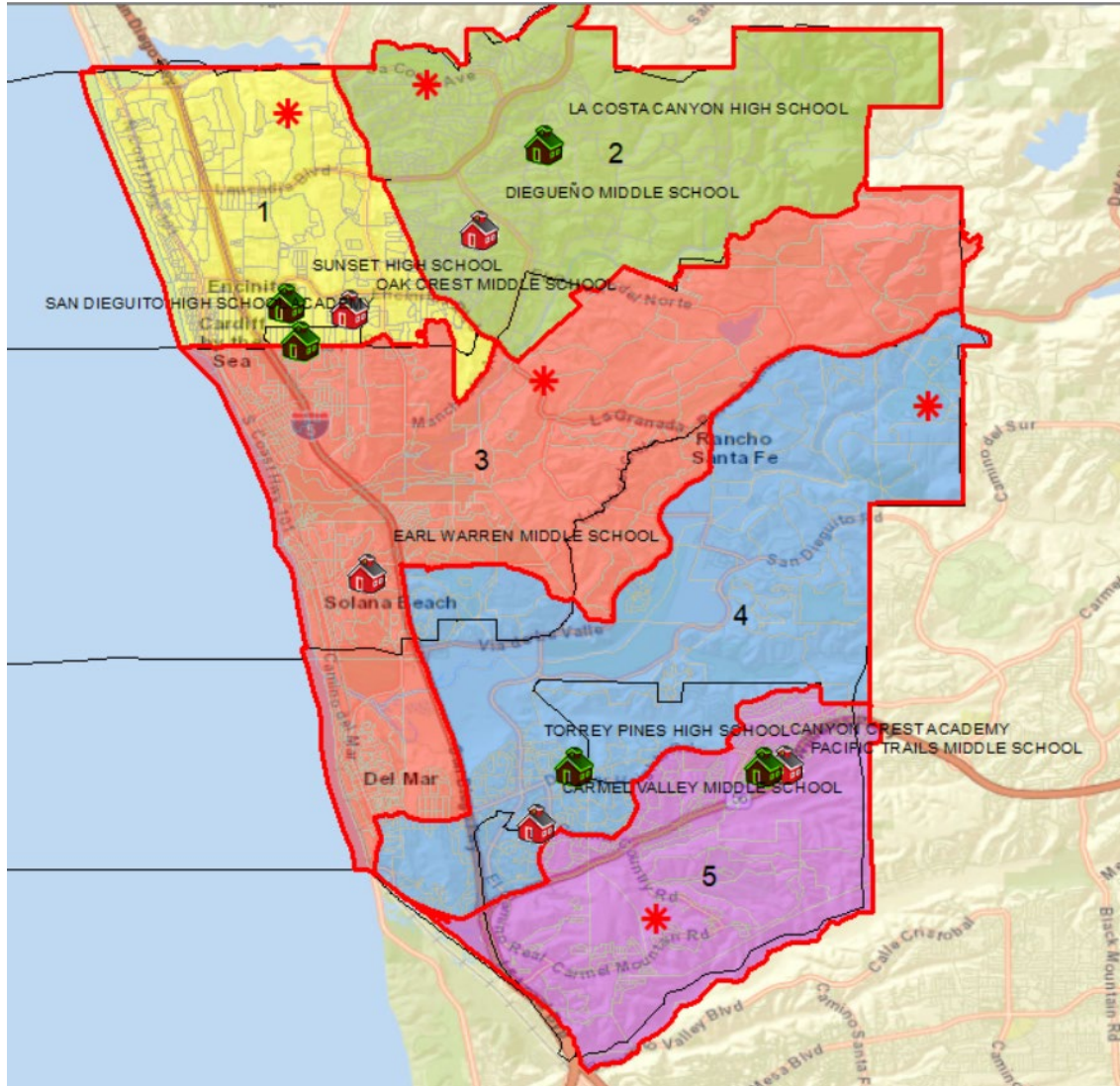
3 Proposed Draft Maps

- After reviewing the requirements, we drafted 3 plans
 - ARCBridge drew these plans independently
 - Plans meet the redistricting criteria
 - All plans have very low maximum deviation well under 10%
- We used the current district map in effect since 2017 and studied the changes in population and previously discussed factors to compose the three draft maps that we are presenting today.
- Each map takes all factors into consideration with slight variances realizing that the population expansion has caused shifts that may not result in all factors and interests being completely met.

Public Hearing - April 13, 2022

- The 3 draft plans were reviewed, and demographic data was further considered.
 - The demographics for maps A, B, and C are similar in size and scope to the current 2017 map considering the increase in population, particularly in Trustee Area 5.
 - The data does not change the trustee areas proposed on the maps.
 - Plans still meet the redistricting criteria.
 - All plans still have very low maximum deviation (well under 10%).

County Committee – Map A



District Summary					
1 of 1					
100%					
Find Next					
District Summary					
SDUHSD-CC-A					
District Count:		5			
Total Population:		183,599			
Maximum Deviation:		1,382			
		3.76%			
Average Deviation:		385			
		1.05%			
Minimum Count:		36,248			
Maximum Count:		37,630			
Name	Count	Optimum	Deviation	Deviation %	
1	36,248	36,720	-472	-1.29%	
2	36,408	36,720	-312	-0.85%	
3	36,540	36,720	-180	-0.49%	
4	37,630	36,720	910	2.48%	
5	36,773	36,720	53	0.14%	

Map A – Max Deviation – 3.76%

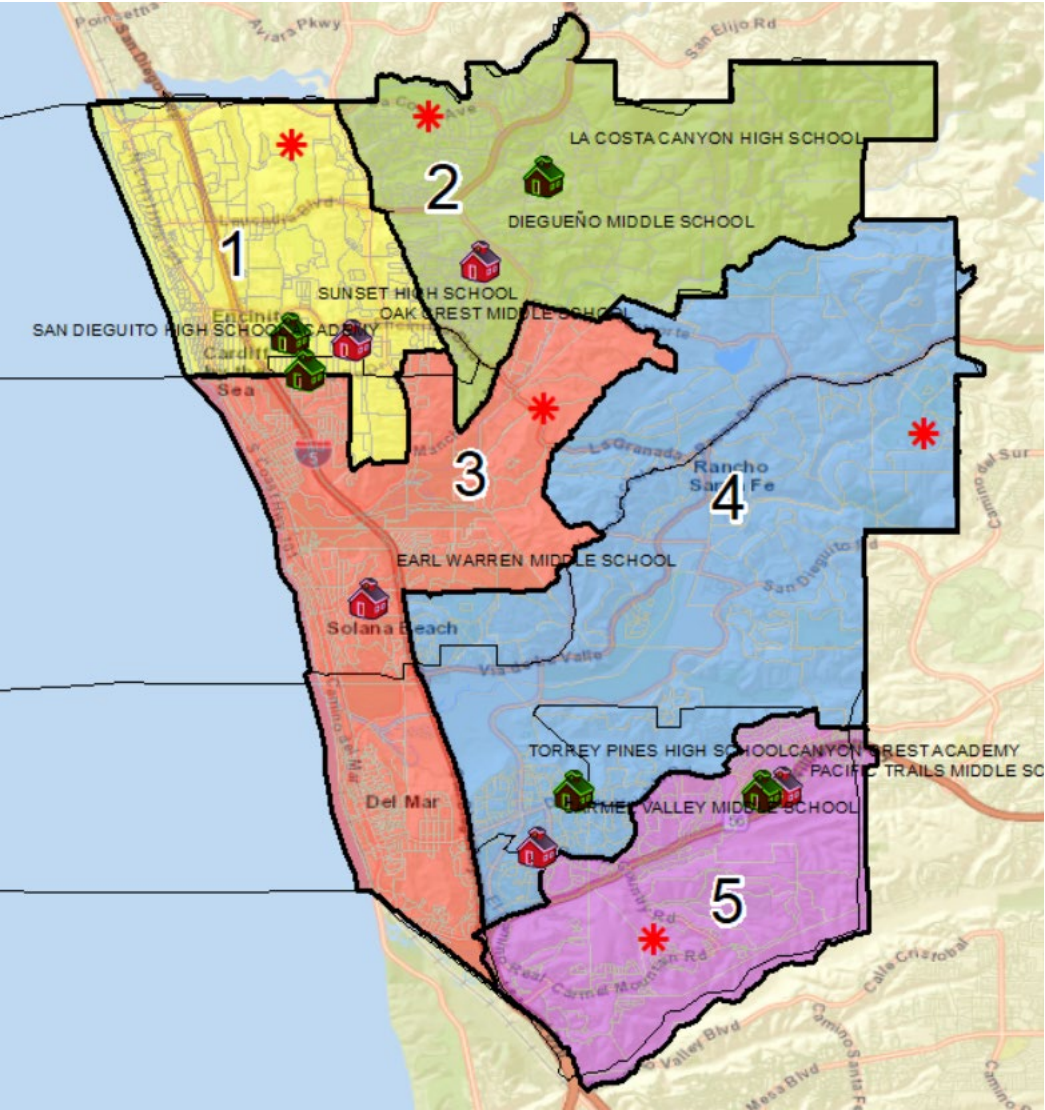
Total Population - Racial Ethnic Composition of Each District									
Trustee Area	Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian / Other Pacific Islander	Non-Hispanic Other	Non-Hispanic 2+ Races	Total
1	6126	26085	196	80	1540	32	202	1987	36248
2	3887	27416	247	49	2273	45	205	2286	36408
3	4395	28188	172	55	1616	46	232	1836	36540
4	3039	24149	280	40	7812	21	271	2018	37630
5	3490	17598	428	31	12570	36	210	2410	36773
									183,599

Total Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	16.90%	71.96%	0.54%	0.22%	4.25%	0.09%	0.56%	5.48%	100.00%
2	10.68%	75.30%	0.68%	0.13%	6.24%	0.12%	0.56%	6.28%	100.00%
3	12.03%	77.14%	0.47%	0.15%	4.42%	0.13%	0.63%	5.02%	100.00%
4	8.08%	64.17%	0.74%	0.11%	20.76%	0.06%	0.72%	5.36%	100.00%
5	9.49%	47.86%	1.16%	0.08%	34.18%	0.10%	0.57%	6.55%	100.00%

Voting-Age Population - Racial Ethnic Composition of Each District									
Trustee Area	Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian / Other Pacific Islander	Non-Hispanic Other	Non-Hispanic 2+ Races	Total
1	4529	21958	169	60	1360	31	159	1246	29512
2	2691	21400	184	34	1873	29	165	1278	27654
3	3210	23751	138	50	1394	42	176	1201	29962
4	2213	20120	239	36	5831	16	185	1215	29855
5	2261	13304	304	26	8902	20	131	1165	26113
									143,096

Voting-Age Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	15.35%	74.40%	0.57%	0.20%	4.61%	0.11%	0.54%	4.22%	100.00%
2	9.73%	77.38%	0.67%	0.12%	6.77%	0.10%	0.60%	4.62%	100.00%
3	10.71%	79.27%	0.46%	0.17%	4.65%	0.14%	0.59%	4.01%	100.00%
4	7.41%	67.39%	0.80%	0.12%	19.53%	0.05%	0.62%	4.07%	100.00%
5	8.66%	50.95%	1.16%	0.10%	34.09%	0.08%	0.50%	4.46%	100.00%

County Committee – Map B



District Summary

1 of 1 100% Find | Next

District Count:	5
Total Population:	183,599
Maximum Deviation:	360
	0.98%
Average Deviation:	88
	0.24%
Minimum Count:	36,499
Maximum Count:	36,859

SDUHSD-CC-B

Name	Count	Optimum	Deviation	Deviation %
1	36,859	36,720	139	0.38%
2	36,499	36,720	-221	-0.60%
3	36,731	36,720	11	0.03%
4	36,737	36,720	17	0.05%
5	36,773	36,720	53	0.14%

Map B – Max Deviation – 0.98%

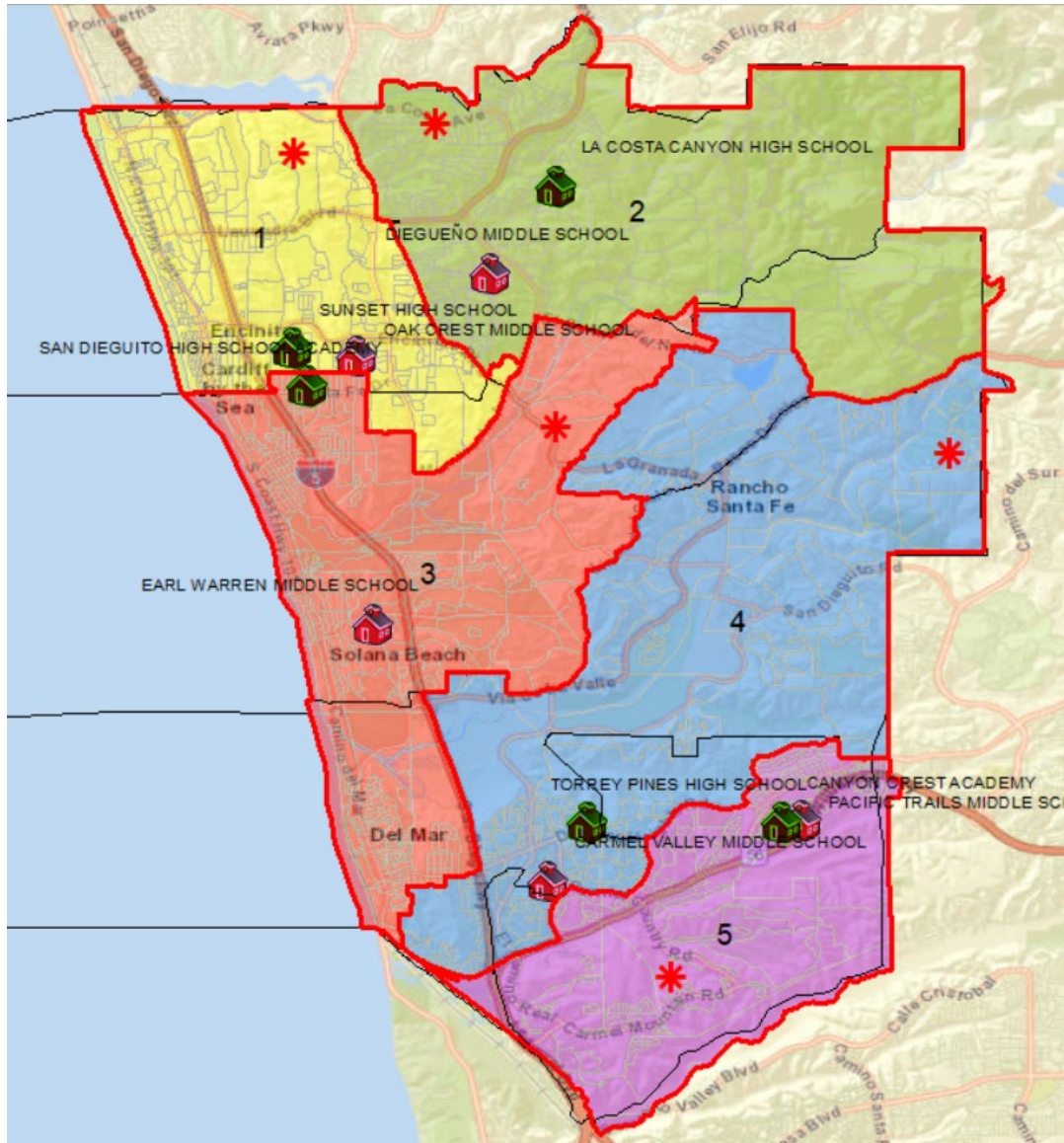
Total Population - Racial Ethnic Composition of Each District									
Trustee Area	Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian / Other Pacific Islander	Non-Hispanic Other	Non-Hispanic 2+ Races	Total
1	6216	26516	197	80	1588	36	204	2022	36859
2	3902	27485	249	52	2268	46	204	2293	36499
3	4329	28164	176	51	1797	38	247	1929	36731
4	3000	23673	273	41	7588	24	255	1883	36737
5	3490	17598	428	31	12570	36	210	2410	36773
									183,599

Total Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	16.86%	71.94%	0.53%	0.22%	4.31%	0.10%	0.55%	5.49%	100.00%
2	10.69%	75.30%	0.68%	0.14%	6.21%	0.13%	0.56%	6.28%	100.00%
3	11.79%	76.68%	0.48%	0.14%	4.89%	0.10%	0.67%	5.25%	100.00%
4	8.17%	64.44%	0.74%	0.11%	20.65%	0.07%	0.69%	5.13%	100.00%
5	9.49%	47.86%	1.16%	0.08%	34.18%	0.10%	0.57%	6.55%	100.00%

Voting Age Population - Racial Ethnic Composition of Each District									
Trustee Area	Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian / Other Pacific Islander	Non-Hispanic Other	Non-Hispanic 2+ Races	Total
1	4614	22295	173	60	1396	35	160	1278	30011
2	2690	21518	184	38	1870	30	164	1282	27776
3	3165	23842	149	46	1561	34	186	1225	30208
4	2174	19574	224	36	5631	19	175	1155	28988
5	2261	13304	304	26	8902	20	131	1165	26113
									143,096

Voting Age Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	15.37%	74.29%	0.58%	0.20%	4.65%	0.12%	0.53%	4.26%	100.00%
2	9.68%	77.47%	0.66%	0.14%	6.73%	0.11%	0.59%	4.62%	100.00%
3	10.48%	78.93%	0.49%	0.15%	5.17%	0.11%	0.62%	4.06%	100.00%
4	7.50%	67.52%	0.77%	0.12%	19.43%	0.07%	0.60%	3.98%	100.00%
5	8.66%	50.95%	1.16%	0.10%	34.09%	0.08%	0.50%	4.46%	100.00%

County Committee – Map C



District Summary

SDUHSD-CC-C

District Count:	5
Total Population:	183,599
Maximum Deviation:	111
Average Deviation:	46
	0.12%
Minimum Count:	36,662
Maximum Count:	36,773

Name	Count	Optimum	Deviation	Deviation %
1	36,662	36,720	-58	-0.16%
2	36,770	36,720	50	0.14%
3	36,731	36,720	11	0.03%
4	36,663	36,720	-57	-0.16%
5	36,773	36,720	53	0.14%

Map C – Max. Deviation – 0.30%

Total Population - Racial Ethnic Composition of Each District									
Trustee Area	Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian / Other Pacific Islander	Non-Hispanic Other	Non-Hispanic 2+ Races	Total
1	5689	26886	188	81	1556	33	206	2023	36662
2	3926	27667	258	48	2336	45	205	2285	36770
3	4851	27894	172	61	1626	40	236	1851	36731
4	2981	23391	277	34	7723	26	263	1968	36663
5	3490	17598	428	31	12570	36	210	2410	36773
									183,599
Total Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	15.52%	73.33%	0.51%	0.22%	4.24%	0.09%	0.56%	5.52%	100.00%
2	10.76%	75.80%	0.71%	0.13%	6.40%	0.12%	0.56%	6.26%	100.74%
3	13.21%	75.94%	0.47%	0.17%	4.43%	0.11%	0.64%	5.04%	100.00%
4	8.13%	63.80%	0.76%	0.09%	21.06%	0.07%	0.72%	5.37%	100.00%
5	9.49%	47.86%	1.16%	0.08%	34.18%	0.10%	0.57%	6.55%	100.00%

Voting Age Population - Racial Ethnic Composition of Each District									
Trustee Area	Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian / Other Pacific Islander	Non-Hispanic Other	Non-Hispanic 2+ Races	Total
1	4202	22607	163	61	1373	32	158	1273	29869
2	2715	21606	196	34	1917	29	162	1274	27933
3	3581	23545	137	56	1418	36	187	1205	30165
4	2145	19471	234	29	5750	21	178	1188	29016
5	2261	13304	304	26	8902	20	131	1165	26113
									143,096
Voting Age Population - Racial Ethnic Composition of Each District %									
Trustee Area	Hispanic %	Non-Hispanic White %	Non-Hispanic Black %	Non-Hispanic American Indian / Alaska Native %	Non-Hispanic Asian %	Non-Hispanic Native Hawaiian / Other Pacific Islander %	Non-Hispanic Other %	Non-Hispanic 2+ Races %	
1	14.07%	75.69%	0.55%	0.20%	4.60%	0.11%	0.53%	4.26%	100.00%
2	9.72%	77.35%	0.70%	0.12%	6.86%	0.10%	0.58%	4.56%	100.00%
3	11.87%	78.05%	0.45%	0.19%	4.70%	0.12%	0.62%	3.99%	100.00%
4	7.39%	67.10%	0.81%	0.10%	19.82%	0.07%	0.61%	4.09%	100.00%
5	8.66%	50.95%	1.16%	0.10%	34.09%	0.08%	0.50%	4.46%	100.00%