



# El Dorado County Redistricting

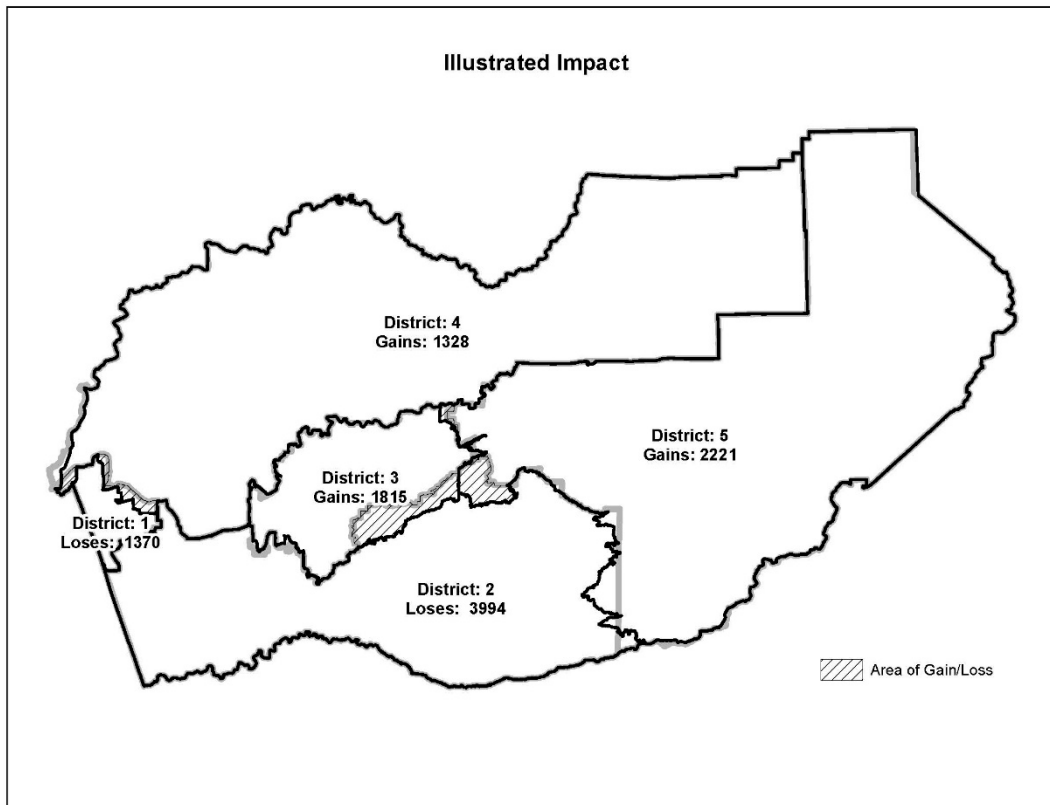
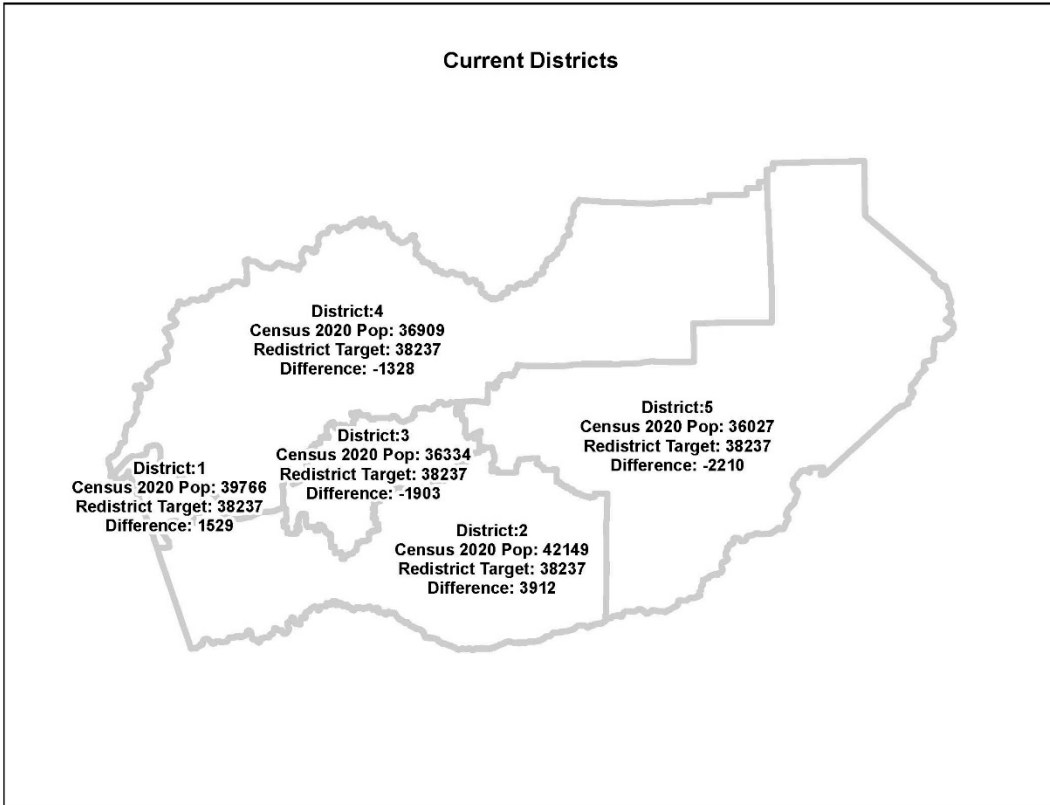
## General Approach

The El Dorado County redistricting alternatives were created using the 2020 Census Redistricting Data newly released by the U.S. Census Bureau. The data includes information such as census block boundaries with the total population and number of housing units within each block. When creating the alternatives, roads and rivers were included and often utilized to create recognizable district boundary lines. Each alternative was based on a primary community of interest. A community of interest (COI) is a neighborhood or group of people who have similar interests and policy concerns and would benefit from being kept in a single district. Examples of a COI would include cities, CSDs, community regions, census designated places, and rural centers. In addition to the primary COI, each alternative takes into account additional COIs in an attempt to preserve as many communities as possible.

When assigning census blocks to a district, a common method was to begin at the west or east end of the County and move across along the highway 50 corridor to the opposite end. Once the primary COI was taken into account, the remaining census block populations were assigned based on secondary COIs and recognizable boundaries where possible.

According to the 2020 census data, the total county population equals 191,185, which means each of the five supervisor districts in every alternative must have a target population of 38,237. Each district's assigned population must remain under 1.0 standard deviation of the target population. The population difference is the assigned population subtracted from the target population. Finally, the percent off target is calculated by dividing the target population by the population difference.

The two diagrams below help describe the challenge with redistricting (see page 2). The first diagram, **Current Districts**, shows the 2020 census population in relation to the current supervisorial district boundaries. Each district is outside of the target population. The diagram, **Illustrated Impact**, shows as an example of how the boundaries of all districts will be impacted by any changes made to meet the target populations.





## Alternative Descriptions

### *City Based Alternative, Revised #2 - A*

This alternative used the City Based Alternative – Revised #2 as a starting point for drawing districts as requested by the Board per the November 3, 2021 public redistricting meeting. Beginning in District 1, it keeps as much of El Dorado Hills population as possible into a single district per the redistricting guidelines, and prevents any Specific Plans from being divided between two districts. District 2 contains all of the communities of Bass Lake, as specified in several comments received during the last meeting, the entire community of Cameron Park (as defined by the Cameron Park CSD), and much of the South County, including Somerset, Pleasant Valley, and Grizzly Flat. District 3 includes the City of Placerville east to Camino and Cedar Grove, south to El Dorado / Diamond Springs (as defined by the Community Region), and includes the Missouri Flat Master Circulation and Financing Plan (MC&FP) Area (as requested in the last meeting). District 4 includes Shingle Springs (as defined by the Census Designated Place), Rescue (boundary defined as the rural center) and ‘The Divide’, defined as the large land area including the communities of Kelsey and Garden Valley to the South, Cool to the West, the Placer / El Dorado County line to the North, and Silver / Slab Creek to the East, and much of the North County. District 5 includes Pollock Pines, south to the Sly Park communities, and east to South Lake Tahoe and the Tahoe Basin. The total differential for this alternative is 7.6%.

District	TargetPop	AssignPop	PopDiff	PctOffTrgt
District 1	38,237	37,579	-658	-1.72
District 2	38,237	40,320	2,083	5.45
District 3	38,237	37,437	-800	-2.09
District 4	38,237	37,413	-824	-2.15
District 5	38,237	38,436	199	0.52

### *City Based Alternative, Revised #2 - B*

This alternative also utilized the City Based Alternative – Revised #2 as a starting point. In District 1, the Bass Lake communities were included with a majority of the El Dorado Hills population, and once again prevents any Specific Plans from being split between two districts. District 2 contains the entirety of Cameron Park (as defined by the Cameron Park CSD), and a majority of the South County, including Somerset, Pleasant Valley, and Grizzly Flat. District 3 combines the City of Placerville, the MC&FP Area to the west, El Dorado / Diamond Springs to the south, Camino and Cedar Grove to the east, and extends north to include the community of Mosquito. District 4 includes communities just south of Green Valley Road to the east, Shingle Springs (as defined by the Census Designated Place) to the south, Rescue (boundary defined as the rural center) and ‘The Divide’, defined as the large land area including the communities of Kelsey and Garden Valley to the South, Cool to the West, the Placer / El Dorado County line to



the North, and Silver / Slab Creek to the East, and much of the North County. District 5 includes Pollock Pines, south to the Sly Park communities, and east to South Lake Tahoe and the Tahoe Basin. The total differential for this alternative is 4.5%.

District	TargetPop	AssignPop	PopDiff	PctOffTrgt
District 1	38,237	39,095	858	2.24
District 2	38,237	38,840	603	1.58
District 3	38,237	37,380	-857	-2.24
District 4	38,237	37,434	-803	-2.1
District 5	38,237	38,436	199	0.52

*EDH Community Draft Alternative – Revised, A*

The first revision (A) of the El Dorado Hills Community Draft Alternative splits the community of El Dorado Hills along Highway 50 per public comments received at the last meeting. In District 1, the El Dorado Hills population north of Highway 50 is combined with the Bass Lake communities, and the northern portion of the 95762 zip code (with Deer Valley Road and Jurgens Road as the eastern boundary line). District 2 combines the portion of El Dorado Hills south of Highway 50 with the community of Shingle Springs, and much of the south county, including Pleasant Valley to the north and Grizzly Flat to the east. District 3 includes the City of Placerville, communities to the east of Shingle Springs Drive to the west, El Dorado / Diamond Springs to the south, Camino and Cedar Grove to the east, and Mosquito to the North. District 4 combines Cameron Park (on the north side of Highway 50) with Rescue (per public comments at the last meeting), ‘The Divide’, and much of the north county. The total differential for this alternative is 7.0%.

District	TargetPop	AssignPop	PopDiff	PctOffTrgt
District 1	38,237	38,270	33	0.09
District 2	38,237	37,485	-752	-1.97
District 3	38,237	37,372	-865	-2.26
District 4	38,237	40,035	1,798	4.7
District 5	38,237	38,023	-214	-0.56

*EDH Community Draft Alternative – Revised, B*

The second revision (B) of the El Dorado Hills Community Draft Alternative splits the community of El Dorado Hills along White Rock Road. North of White Rock Road, District 1 includes Serrano, Lake Hills, and the Bass Lake communities. In District 2, the El Dorado Hills population south of White Rock Road is combined with Cameron Park, and much of the south



county, including Somerset, Pleasant Valley, and Grizzly Flat. District 3 includes the City of Placerville, El Dorado / Diamond Springs and the MC&FP Area to the west, south to Sly Park Road and the North Fork Cosumnes River, east to Camino and Cedar Grove, and north to the South Fork American River. District 4 combines Shingle Springs, Rescue, 'The Divide', and the majority of the north county. District 5 includes the Pollock Pines and Sly Park communities with South Lake Tahoe and the Tahoe Basin. The total differential for this alternative is 6.6%.

<b>District</b>	<b>TargetPop</b>	<b>AssignPop</b>	<b>PopDiff</b>	<b>PctOffTrgt</b>
District 1	38,237	38,333	96	0.25
District 2	38,237	39,485	1,248	3.26
District 3	38,237	37,658	-579	-1.51
District 4	38,237	36,945	-1292	-3.38
District 5	38,237	38,764	527	1.38

## City Alternative, Revised #2 - A VAP Summary

District No.	Total voting age	Hispanic voting age population	Non-Hispanic voting age population	Non-Hispanic white voting age population	Non-Hispanic black voting age population	Non-Hispanic American Indian/Alaskan Native voting age population	Non-Hispanic Asian voting age population	Non-Hispanic Hawaiian or Other Pacific Islander voting age population	Non-Hispanic two or more minority race voting age population	Non-Hispanic some other race voting age population
D1	28,166	2,453	25,713	20,301	471	345	3,901	95	117	483
	18.52%	8.71%	91.29%	72.08%	1.67%	1.22%	13.85%	0.34%	0.42%	1.71%
D2	31,657	3,446	28,211	24,312	413	816	1,909	99	133	529
	20.82%	10.89%	89.11%	76.80%	1.30%	2.58%	6.03%	0.31%	0.42%	1.67%
D3	30,489	3,559	26,930	24,410	209	1,012	532	47	103	617
	20.05%	11.67%	88.33%	80.06%	0.69%	3.32%	1.74%	0.15%	0.34%	2.02%
D4	30,439	2,598	27,841	25,023	260	934	749	78	95	702
	20.01%	8.54%	91.46%	82.21%	0.85%	3.07%	2.46%	0.26%	0.31%	2.31%
D5	31,332	5,822	25,510	22,203	261	764	1,495	65	121	601
	20.60%	18.58%	81.42%	70.86%	0.83%	2.44%	4.77%	0.21%	0.39%	1.92%
<b>TOTALS</b>	<b>152,083</b>	<b>17,878</b>	<b>134,205</b>	<b>116,249</b>	<b>1,614</b>	<b>3,871</b>	<b>8,586</b>	<b>384</b>	<b>569</b>	<b>2,932</b>

## City Alternative, Revised #2 - B VAP Summary

District No.	Total voting age	Hispanic voting age population	Non-Hispanic voting age population	Non-Hispanic white voting age population	Non-Hispanic black voting age population	Non-Hispanic American Indian/Alaskan Native voting age population	Non-Hispanic Asian voting age population	Non-Hispanic Hawaiian or Other Pacific Islander voting age population	Non-Hispanic two or more minority race voting age population	Non-Hispanic some other race voting age population
D1	29,327	2,645	26,682	21,211	475	365	3,909	99	127	496
	19.28%	9.02%	90.98%	72.33%	1.62%	1.24%	13.33%	0.34%	0.43%	1.69%
D2	30,598	3,223	27,375	23,661	395	798	1,772	96	122	531
	20.12%	10.53%	89.47%	77.33%	1.29%	2.61%	5.79%	0.31%	0.40%	1.74%
D3	30,475	3,600	26,875	24,321	214	1,036	536	44	107	617
	20.04%	11.81%	88.19%	79.81%	0.70%	3.40%	1.76%	0.14%	0.35%	2.02%
D4	30,351	2,588	27,763	24,853	269	908	874	80	92	687
	19.96%	8.53%	91.47%	81.89%	0.89%	2.99%	2.88%	0.26%	0.30%	2.26%
D5	31,332	5,822	25,510	22,203	261	764	1,495	65	121	601
	20.60%	18.58%	81.42%	70.86%	0.83%	2.44%	4.77%	0.21%	0.39%	1.92%
<b>TOTALS</b>	<b>152,083</b>	<b>17,878</b>	<b>134,205</b>	<b>116,249</b>	<b>1,614</b>	<b>3,871</b>	<b>8,586</b>	<b>384</b>	<b>569</b>	<b>2,932</b>

## EDH Community Draft Alternative - Revised, A VAP Summary

District No.	Total voting age	Hispanic voting age population	Non-Hispanic voting age population	Non-Hispanic white voting age population	Non-Hispanic black voting age population	Non-Hispanic American Indian/Alaskan Native voting age population	Non-Hispanic Asian voting age population	Non-Hispanic Hawaiian or Other Pacific Islander voting age population	Non-Hispanic two or more minority race voting age population	Non-Hispanic some other race voting age population
D1	28,511	2,595	25,916	20,616	462	374	3,750	94	125	495
	18.75%	9.10%	90.90%	72.31%	1.62%	1.31%	13.15%	0.33%	0.44%	1.74%
D2	30,090	2,639	27,451	23,773	313	772	1,838	105	94	556
	19.79%	8.77%	91.23%	79.01%	1.04%	2.57%	6.11%	0.35%	0.31%	1.85%
D3	30,423	3,610	26,813	24,159	223	1,092	540	42	117	640
	20.00%	11.87%	88.13%	79.41%	0.73%	3.59%	1.77%	0.14%	0.38%	2.10%
D4	32,065	3,224	28,841	25,817	358	885	957	80	110	634
	21.08%	10.05%	89.95%	80.51%	1.12%	2.76%	2.98%	0.25%	0.34%	1.98%
D5	30,994	5,810	25,184	21,884	258	748	1,501	63	123	607
	20.38%	18.75%	81.25%	70.61%	0.83%	2.41%	4.84%	0.20%	0.40%	1.96%
<b>TOTALS</b>	<b>152,083</b>	<b>17,878</b>	<b>134,205</b>	<b>116,249</b>	<b>1,614</b>	<b>3,871</b>	<b>8,586</b>	<b>384</b>	<b>569</b>	<b>2,932</b>



## EDH Community Draft Alternative - Revised, B VAP Summary

District No.	Total voting age	Hispanic voting age population	Non-Hispanic voting age population	Non-Hispanic white voting age population	Non-Hispanic black voting age population	Non-Hispanic American Indian/Alaskan Native voting age population	Non-Hispanic Asian voting age population	Non-Hispanic Hawaiian or Other Pacific Islander voting age population	Non-Hispanic two or more minority race voting age population	Non-Hispanic some other race voting age population
D1	28,444	2,594	25,850	20,445	471	368	3,864	90	124	488
	18.70%	9.12%	90.88%	71.88%	1.66%	1.29%	13.58%	0.32%	0.44%	1.72%
D2	31,302	3,291	28,011	24,103	413	791	1,948	104	125	527
	20.58%	10.51%	89.49%	77.00%	1.32%	2.53%	6.22%	0.33%	0.40%	1.68%
D3	30,673	3,592	27,081	24,541	217	1,022	542	45	107	607
	20.17%	11.71%	88.29%	80.01%	0.71%	3.33%	1.77%	0.15%	0.35%	1.98%
D4	30,063	2,542	27,521	24,754	254	916	729	80	89	699
	19.77%	8.46%	91.54%	82.34%	0.84%	3.05%	2.42%	0.27%	0.30%	2.33%
D5	31,601	5,859	25,742	22,406	259	774	1,503	65	124	611
	20.78%	18.54%	81.46%	70.90%	0.82%	2.45%	4.76%	0.21%	0.39%	1.93%
<b>TOTALS</b>	<b>152,083</b>	<b>17,878</b>	<b>134,205</b>	<b>116,249</b>	<b>1,614</b>	<b>3,871</b>	<b>8,586</b>	<b>384</b>	<b>569</b>	<b>2,932</b>