TO: 2021 Citizens Redistricting Commission

FROM: Q2/Karin Mac Donald

DATE: December 19, 2021

RE: Deferral and Numbering System for Senate Districts – Implementation of Methodology and Results

Below, please find a brief explanation of the Senate Deferral Process and the resulting assignment of odd and even district numbers for the proposed Senate Districts.

Population residing in an even numbered district due to elect a State Senator in 2022 will be 'deferred' if moved to an odd numbered district due to elect in 2024.

Below is a brief description of the steps used to minimize the number of persons deferred, followed by the results and the analysis of the outcome of numbering for the process.

I. Assigning Senate Districts to Odd/Even Pools

Step 1- The number of people for each district in the Senate plan currently in an even district was calculated.

Step 2- The 20 districts with the most people currently in an even district were assigned to the 'even pool.' The remaining districts were assigned to the 'odd pool.'[1]

---

[1] The 20 districts assigned to the pools of 'even' or 'odd' districts are the same irrespective of whether they were calculated based on the total number of persons or the percent of the population that is allocated to an even or odd district.

Table I: Pool of even numbered districts:

District	Pop. Even	% Even	Pop. Odd	% Odd
SBENFRESNO	998,216	100.00%	0	0.00%
WESTOF110	950,235	96.39%	35,588	3.61%
SACRAMENTO	945,172	100.00%	0	0.00%
KINGS-KERN	942,212	100.00%	0	0.00%
FRESNO-KERN	939,354	100.00%	0	0.00%
SECA	938,898	98.13%	17,848	1.87%
SDNELA	931,419	98.17%	17,404	1.83%
NCOAST	925,539	93.34%	66,032	6.66%
SD10WE	905,233	89.67%	104,242	10.33%
EDENTECH	854,196	82.42%	182,180	17.58%
SDSHORELINE	826,117	79.77%	209,505	20.23%
SD60X605	788,911	79.58%	202,328	20.42%
SOC-NSD	767,138	78.66%	208,150	21.34%
SD-POW-ESC	707,881	74.31%	244,729	25.69%
N-OC-COAST	659,350	66.71%	329,007	33.29%
PLACER-ED	610,750	63.17%	356,013	36.83%
SCSFV	576,906	60.98%	369,171	39.02%
ECA	562,840	54.54%	469,216	45.46%
SWRC	537,156	57.14%	402,860	42.86%
SAA	524,664	55.30%	424,024	44.70%

Table II: Pool of odd numbered districts:

District	Pop. Even	% Even	Pop. Odd	% Odd
NORCA	511,255	54.46%	427,579	45.54%
COR-CAJON	504,418	48.69%	531,616	51.31%
POF	486,716	51.59%	456,747	48.41%
MCV	461,645	48.46%	491,020	51.54%
EVENTSFV	376,124	37.87%	617,016	62.13%
SD210	371,099	35.87%	663,442	64.13%
MIDCOAST	299,951	30.18%	693,970	69.82%
COCO	143,988	14.51%	848,670	85.49%
SPCC	139,893	14.67%	813,928	85.33%
710TOWATER	131,718	12.71%	904,574	87.29%
IOC	120,633	11.83%	899,311	88.17%
NAPABYRON	71,097	6.87%	963,673	93.13%
SBRC	28,821	3.02%	926,319	96.98%
SANJOSE	27,623	2.68%	1,004,947	97.32%
SSACSTANIS	149	0.01%	1,020,985	99.99%
ANTIVICAL	120	0.01%	1,033,629	99.99%
SD80CORR	0	0.00%	960,880	100.00%
PENINSULA	0	0.00%	1,012,486	100.00%
SF	0	0.00%	1,022,311	100.00%
SCOAST	0	0.00%	1,024,600	100.00%

II. Assigning Senate Districts Individual Numbers (Geographic Method)

Step 1- The even numbered districts were assigned a district number starting at the Oregon border and moving from north to south, continuing with the most northern point of each district until all even numbers (2, 4, 6…40) had been assigned.

Step 2- The odd numbered districts were assigned a district number starting at the Oregon border and moving from north to south, continuing with the most northern point of each district until all odd numbers (1, 3, 5…39) had been assigned.

Table III: Senate Numbering

01	NORCA	11	SF	21	SCOAST	31	SBRC
02	NCOAST	12	FRESNO-KERN	22	SD10WE	32	SWRC
03	NAPABYRON	13	PENINSULA	23	ANTIVICAL	33	710TOWATER
04	ECA	14	SBENFRESNO	24	SDSHORELINE	34	SAA
05	SSACSTANIS	15	SANJOSE	25	SD210	35	SPCC
06	PLACER-ED	16	KINGS-KERN	26	SDNELA	36	N-OC-COAST
07	SD80CORR	17	MIDCOAST	27	EVENTSFV	37	IOC
08	SACRAMENTO	18	SECA	28	WESTOF110	38	SOC-NSD
09	COCO	19	MCV	29	POF	39	COR-CAJON
10	EDENTECH	20	SCSFV	30	SD60X605	40	SD-POW-ESC