

S198387

IN THE SUPREME COURT  
OF THE STATE OF CALIFORNIA

JULIE VANDERMOST,

*Petitioner,*

v.

DEBRA BOWEN, SECRETARY OF STATE OF  
CALIFORNIA,

*Respondent.*

Submitted Pursuant to Cal. Const., art. XXI, § 3, subd. (a)

---

---

DECLARATION OF KARIN MAC DONALD

---

---

[Filed With Return to Court's Order to Show Cause Dated  
December 9, 2011]

---

---

JAMES J. BROSNAN (SBN 34555)  
GEORGE C. HARRIS (SBN 111074)  
MORRISON & FOERSTER LLP  
425 Market Street  
San Francisco, CA 94105-2482  
Telephone: 415.268.7000

BENJAMIN J. FOX (SBN 193374)  
MORRISON & FOERSTER LLP  
555 West Fifth Street  
Los Angeles, California 90013-1024  
Telephone: 213.892.5200

*Attorneys for Intervenor / Real Party in Interest*  
CITIZENS REDISTRICTING COMMISSION

I, Karin Mac Donald, have personal knowledge of the following facts. If called to testify to these facts, I could and would competently testify thereto. On this basis, I hereby state and declare as follows:

1. I am the Principal Consultant of Q2 Data & Research, LLC (“Q2”). Q2 has extensive experience with the computer programs and models used for line-drawing for electoral districts and has access to the 2010 PL94 U.S. Census data used for redistricting.

2. The Citizens Redistricting Commission received training and technical assistance from Q2 during the redistricting process.

3. I have read Petitioner Vandermost’s Verified Petition for Extraordinary Relief in the Form of Mandamus or Prohibition Emergency Stay Requested, filed December 2, 2011, and her Reply to Preliminary Oppositions and Opposition to Citizens Redistricting Commission’s Motion to Intervene, filed December 7, 2011.

4. I have also read the Declaration of Dr. T. Anthony Quinn, PhD in Support of Petition for Writ of Mandate or Writ of Prohibition, filed December 2, 2011, and the Declaration of Dr. T. Anthony Quinn, PhD in Support of Petitioner’s Reply to Preliminary Oppositions and Opposition to Citizens Redistricting Commission’s Motion to Intervene, filed December 7, 2011.

5. In the context of the 2011 redistricting of California's Senate districts, "deferral" occurs when a person who was previously in an odd-numbered district under the 2001 maps (and thus eligible to vote in 2012) is placed in an even-numbered Senate district under the Commission's Senate maps. The effect is to "defer" that individual's vote until 2014, when the even-numbered Senate districts elect their representatives.

6. Q2 analyzed and compared the number of deferrals under the Commission's certified Senate maps with the numbers of deferrals under Dr. Quinn's proposed nesting plan as described in the documents referenced in ¶¶ 4 and 5.

7. To perform these quantitative analyses Q2 consultants utilized a program called "Maptitude for Redistricting 6.0," the Statewide Database 2001 District to 2010 TIGER/Line census block equivalencies, and 2010 PL94 U.S. Census data to measure the number of deferrals each plan creates in Senate districts across the state.

8. Using the above-described methodology, Q2 created the attached **Exhibit A**, entitled "Deferral Analysis of Commission's Certified Senate Maps," which accurately depicts the total number of deferrals the Commission's certified Senate maps will create in California.

9. Using the above-described methodology Q2 also created the attached **Exhibit B**, entitled "Deferral Analysis of Vandermost's Proposed Senate Nesting Plan," which accurately depicts the total number of deferrals Vandermost's proposed Senate "nesting plan" would create in California.

10. Attached as **Exhibit C**, is a true and correct copy of the Senate data in Appendix L to the Commission's "Preclearance Submission of the 2011 Redistricting Plan for the Counties of Kings, Merced, Monterey, and Yuba By The State of California Under 42 U.S.C. 1973c," which the Commission submitted to the U.S. Department of Justice. Exhibit C provides redistricting and demographic information for the 2001 Senate maps based on 2010 PL94 U.S. Census data.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed on December 14, 2011, in Oakland, California.



Karin Mac Donald

Exhibit A

CRC 2011.08.15 Senate District	CRC 2011.12.03 Senate CRC District	2001 Senate Districts Transected by CRC 2011 District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of CRC District
1st Senate	01	0001	505,169						54.01%
	01	0004	430,130						45.99%
	01	0006	37						0.00%
District Total	01		935,336	505,169	430,167	none	54.01%	45.99%	100.00%
2nd Senate	02	0002	581,031						62.61%
	02	0003	304,650						32.83%
	02	0004	42,396						4.57%
District Total	02		928,077	304,650	623,427	304,650	32.83%	67.17%	100.00%
3rd Senate	03	0001	2,566						0.28%
	03	0002	316,402						34.09%
	03	0003	124,196						13.38%
	03	0005	405,292						43.67%
	03	0006	70						0.01%
	03	0007	79,841						8.58%
District Total	03		928,167	611,895	316,472	none	65.90%	34.10%	100.00%
4th Senate	04	0001	183,078						19.52%
	04	0004	515,761						54.99%
	04	0006	239,123						25.49%
District Total	04		937,962	183,078	754,884	183,078	19.52%	80.48%	100.00%
5th Senate	05	0001	26,370						2.81%
	05	0005	511,705						54.49%
	05	0012	122,238						13.02%
	05	0014	278,850						29.69%
District Total	05		939,163	538,075	401,088	none	57.29%	42.71%	100.00%
6th Senate	06	0001	151,689						16.20%
	06	0005	115,616						12.35%
	06	0006	668,996						71.45%
District Total	06		936,301	267,305	668,996	267,305	28.55%	71.45%	100.00%
7th Senate	07	0007	722,835						78.15%
	07	0009	129,670						14.02%
	07	0010	72,403						7.83%
District Total	07		924,708	852,305	72,403	none	92.17%	7.83%	100.00%
8th Senate	08	0001	133,725						14.38%
	08	0006	6,127						0.66%
	08	0012	81,941						8.81%
	08	0014	615,885						66.24%
	08	0016	69,563						7.48%
	08	0018	22,471						2.42%
District Total	08		929,712	133,725	795,987	133,725	14.38%	85.62%	100.00%
9th Senate	09	0007	145,150						15.43%
	09	0009	718,038						76.34%
	09	0010	77,413						8.23%

CRC 2011.08.15 Senate District	CRC 2011.12.03 Senate CRC District	2001 Senate Districts Transected by CRC 2011 District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of CRC District
District Total	09		940,601	863,188	77,413	none			100.00%
10th Senate	10	0009	30,897						3.34%
	10	0010	744,022						80.55%
	10	0013	148,788						16.11%
District Total	10		923,707	179,685	744,022	179,685	19.45%	80.55%	100.00%
11th Senate	11	0003	451,575						48.51%
	11	0008	479,278						51.49%
District Total	11		930,853	451,575	479,278	none			100.00%
12th Senate	12	0012	743,570						79.68%
	12	0014	92,034						9.86%
	12	0015	1,493						0.16%
	12	0016	96,125						10.30%
District Total	12		933,222	1,493	931,729	1,493	0.16%	99.84%	100.00%
13th Senate	13	0008	383,977						41.40%
	13	0011	328,165						35.38%
	13	0013	215,225						23.21%
	13	0015	113						0.01%
District Total	13		927,480	543,503	383,977	none			100.00%
14th Senate	14	0014	34,158						3.65%
	14	0016	783,594						83.77%
	14	0018	117,624						12.58%
District Total	14		935,376	0	935,376	0	0.00%	100.00%	100.00%
15th Senate	15	0010	1						0.00%
	15	0011	355,232						38.26%
	15	0013	437,230						47.09%
	15	0015	136,121						14.66%
District Total	15		928,584	928,583	1	none			100.00%
16th Senate	16	0016	27,207						2.95%
	16	0017	6,734						0.73%
	16	0018	866,682						93.99%
	16	0031	21,500						2.33%
District Total	16		922,123	28,234	893,889	28,234	3.06%	96.94%	100.00%
17th Senate	17	0011	193,313						20.76%
	17	0012	8,186						0.88%
	17	0013	94,182						10.11%
	17	0015	635,660						68.25%
District Total	17		931,341	923,155	8,186	none			100.00%
18th Senate	18	0017	31,184						3.36%
	18	0020	701,244						75.51%
	18	0021	135,962						14.64%
	18	0023	60,335						6.50%
District Total	18		928,725	227,481	701,244	227,481	24.49%	75.51%	100.00%

CRC 2011.08.15 Senate District	CRC 2011.12.03 Senate CRC District	2001 Senate Districts Transected by CRC 2011 District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of CRC District
19th Senate	19	0015	129,679						13.96%
	19	0017	54,289						5.84%
	19	0019	523,727						56.38%
	19	0023	221,155						23.81%
District Total	19		928,850	928,850	0	none			100.00%
20th Senate	20	0029	88,561						9.46%
	20	0031	20,790						2.22%
	20	0032	826,584						88.32%
District Total	20		935,935	109,351	826,584	109,351	11.68%	88.32%	100.00%
21st Senate	21	0017	870,893						93.62%
	21	0018	31,914						3.43%
	21	0019	27,311						2.94%
	21	0029	164						0.02%
District Total	21		930,282	898,368	31,914	none			100.00%
22nd Senate	22	0021	98,947						10.65%
	22	0022	83,089						8.94%
	22	0024	639,211						68.78%
	22	0029	85,594						9.21%
	22	0030	22,457						2.42%
District Total	22		929,298	184,541	744,757	184,541	19.86%	80.14%	100.00%
23rd Senate	23	0017	27,230						2.92%
	23	0018	10,120						1.08%
	23	0031	458,288						49.08%
	23	0032	119,306						12.78%
	23	0036	15,169						1.62%
	23	0037	303,694						32.52%
District Total	23		933,807	789,212	144,595	none			100.00%
24th Senate	24	0021	106,482						11.41%
	24	0022	456,682						48.92%
	24	0024	150,638						16.14%
	24	0026	178,741						19.15%
	24	0030	40,967						4.39%
District Total	24		933,510	106,482	827,028	106,482	11.41%	88.59%	100.00%
25th Senate	25	0017	33,961						3.66%
	25	0020	5,137						0.55%
	25	0021	493,713						53.26%
	25	0022	38,766						4.18%
	25	0024	21,329						2.30%
	25	0026	12,407						1.34%
	25	0029	244,363						26.36%
	25	0031	77,139						8.32%
	25	0032	120						0.01%



CRC 2011.08.15 Senate District	CRC 2011.12.03 Senate CRC District	2001 Senate Districts Transected by CRC 2011 District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of CRC District
District Total	25		926,935	849,176	77,759	none			100.00%
26th Senate	26	0021	0						0.00%
	26	0022	4,038						0.44%
	26	0023	316,509						34.12%
	26	0025	91,015						9.81%
	26	0026	123,940						13.36%
	26	0027	4,096						0.44%
	26	0028	388,159						41.84%
District Total	26		927,757	411,620	516,137	411,620	44.37%	55.63%	100.00%
27th Senate	27	0017	73,855						7.89%
	27	0019	360,647						38.54%
	27	0020	180,177						19.26%
	27	0021	19,909						2.13%
	27	0023	301,068						32.18%
District Total	27		935,656	755,479	180,177	none			100.00%
28th Senate	28	0031	9,074						0.98%
	28	0036	302,327						32.51%
	28	0037	374,441						40.26%
	28	0040	244,230						26.26%
District Total	28		930,072	383,515	546,557	383,515	41.23%	58.77%	100.00%
29th Senate	29	0024	36,432						3.94%
	29	0029	425,264						45.95%
	29	0033	124,743						13.48%
	29	0034	268,709						29.03%
	29	0035	70,346						7.60%
District Total	29		925,494	620,353	305,141	none			100.00%
30th Senate	30	0022	149,581						16.21%
	30	0025	137,525						14.91%
	30	0026	532,951						57.77%
	30	0028	102,439						11.10%
District Total	30		922,496	137,525	784,971	137,525	14.91%	85.09%	100.00%
31st Senate	31	0031	402,871						42.83%
	31	0037	537,741						57.17%
District Total	31		940,612	940,612	0	none			100.00%
32nd Senate	32	0024	2,403						0.26%
	32	0027	319,331						34.21%
	32	0029	21,546						2.31%
	32	0030	528,297						56.60%
	32	0033	4,255						0.46%
	32	0034	57,574						6.17%
District Total	32		933,406	345,132	588,274	345,132	36.98%	63.02%	100.00%
33rd Senate	33	0022	111,578						12.04%

CRC 2011.08.15 Senate District	CRC 2011.12.03 Senate CRC District	2001 Senate Districts Transected by CRC 2011 District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of CRC District
	33	0025	120,109						12.96%
	33	0027	438,193						47.27%
	33	0028	5,728						0.62%
	33	0030	251,364						27.12%
District Total	33		926,972	558,302	368,670	none			100.00%
34th Senate	34	0027	61,445						6.62%
	34	0033	43,119						4.65%
	34	0034	519,668						56.01%
	34	0035	303,661						32.73%
District Total	34		927,893	408,225	519,668	408,225	43.99%	56.01%	100.00%
35th Senate	35	0025	511,703						54.75%
	35	0026	0						0.00%
	35	0027	34,098						3.65%
	35	0028	383,348						41.02%
	35	0030	5,466						0.58%
District Total	35		934,615	545,801	388,814	none			100.00%
36th Senate	36	0033	334,156						35.62%
	36	0035	33,333						3.55%
	36	0036	754						0.08%
	36	0038	569,840						60.75%
District Total	36		938,083	367,489	570,594	367,489	39.17%	60.83%	100.00%
37th Senate	37	0029	16,256						1.73%
	37	0033	429,809						45.82%
	37	0034	0						0.00%
	37	0035	491,921						52.44%
District Total	37		937,986	937,986	0	none			100.00%
38th Senate	38	0036	590,183						63.48%
	38	0038	301,021						32.38%
	38	0039	38,506						4.14%
	38	0040	50						0.01%
District Total	38		929,760	38,506	891,254	38,506	4.14%	95.86%	100.00%
39th Senate	39	0036	92,897						10.01%
	39	0038	102,141						11.01%
	39	0039	704,117						75.87%
	39	0040	28,889						3.11%
District Total	39		928,044	704,117	223,927	none			100.00%
40th Senate	40	0036	34,671						3.71%
	40	0039	154,947						16.57%
	40	0040	745,437						79.72%
District Total	40		935,055	154,947	780,108	154,947	16.57%	83.43%	100.00%
1 Measurements are in square miles				Deferred Total		3,972,984			
2 Data Source: U.S. Census Bureau 2010 PL-94									

CRC 2011.08.15 Senate District	CRC 2011.12.03 Senate CRC District	2001 Senate Districts Transected by CRC 2011 District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of CRC District
3 Data Source: Statewide Database 2011 Redistricting Data, 2010 General Election 2010 census block registration data									
4 Data Source: Statewide Database 2011 Redistricting Data, 2010 General Election 2010 census block registration data									

**Exhibit B**

TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	2001 Senate Districts Transected by TQ District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of TQ District	2010 Population of 2001 Senate District	2010 Population of 2011.12.03 TQ Senate District
TQ0101	1	TQ01	01	510,471						54.73%	1,002,597	932,712
TQ0104	1	TQ01	04	135,407						14.52%	988,287	932,712
TQ0106	1	TQ01	06	286,834						30.75%	914,353	932,712
<b>TQ 01 Total</b>				<b>932,712</b>	<b>510,471</b>	422,241	n/a	54.73%	45.27%	100.00%		
TQ0202	2	TQ02	02	514,026						55.32%	897,433	929,234
TQ0203	2	TQ02	03	372,812						40.12%	880,421	929,234
TQ0204	2	TQ02	04	42,396						4.56%	988,287	929,234
<b>TQ 02 Total</b>				<b>929,234</b>	<b>372,812</b>	556,422	372,812	40.12%	59.88%	100.00%		
TQ0302	3	TQ03	02	237,245						25.42%	897,433	933,371
TQ0303	3	TQ03	03	56,034						6.00%	880,421	933,371
TQ0304	3	TQ03	04	11,218						1.20%	988,287	933,371
TQ0305	3	TQ03	05	403,645						43.25%	1,032,613	933,371
TQ0307	3	TQ03	07	225,229						24.13%	947,426	933,371
<b>TQ 03 Total</b>				<b>933,371</b>	<b>684,908</b>	248,463	n/a	73.38%	26.62%	100.00%		
TQ0401	4	TQ04	01	140,556						15.02%	1,002,597	935,497
TQ0404	4	TQ04	04	794,941						84.98%	988,287	935,497
<b>TQ 04 Total</b>				<b>935,497</b>	<b>140,556</b>	794,941	140,556	15.02%	84.98%	100.00%		
TQ0505	5	TQ05	05	511,705						55.41%	1,032,613	923,538
TQ0512	5	TQ05	12	141,557						15.33%	955,935	923,538
TQ0514	5	TQ05	14	270,276						29.27%	1,020,927	923,538
<b>TQ 05 Total</b>				<b>923,538</b>	<b>511,705</b>	411,833	n/a	55.41%	44.59%			
TQ0601	6	TQ06	01	117,327						12.58%	1,002,597	932,822
TQ0605	6	TQ06	05	117,263						12.57%	1,032,613	932,822
TQ0606	6	TQ06	06	627,519						67.27%	914,353	932,822
TQ0614	6	TQ06	14	70,713						7.58%	1,020,927	932,822
<b>TQ 06 Total</b>				<b>932,822</b>	<b>234,590</b>	698,232	234,590	25.15%	74.85%	100.00%		
TQ0702	7	TQ07	02	146,162						15.67%	897,433	932,793
TQ0707	7	TQ07	07	586,413						62.87%	947,426	932,793
TQ0709	7	TQ07	09	129,670						13.90%	878,605	932,793
TQ0710	7	TQ07	10	70,548						7.56%	893,839	932,793
<b>TQ 07 Total</b>				<b>932,793</b>	<b>716,083</b>	216,710	n/a	76.77%	23.23%	100.00%		
TQ0803	8	TQ08	03	451,575						48.28%	880,421	935,268

TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	2001 Senate Districts Transected by TQ District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of TQ District	2010 Population of 2001 Senate District	2010 Population of 2011.12.03 TQ Senate District
TQ0808	8	TQ08	08	483,693						51.72%	863,255	935,268
<b>TQ 08 Total</b>				935,268	<b>451,575</b>	483,693	451,575	48.28%	51.72%	100.00%		
TQ0907	9	TQ09	07	135,784						14.46%	947,426	938,809
TQ0909	9	TQ09	09	718,038						76.48%	878,605	938,809
TQ0910	9	TQ09	10	84,987						9.05%	893,839	938,809
<b>TQ 09 Total</b>				938,809	<b>853,822</b>	84,987	n/a	90.95%	9.05%	100.00%		
TQ1009	10	TQ10	09	30,897						3.35%	878,605	922,517
TQ1010	10	TQ10	10	738,303						80.03%	893,839	922,517
TQ1013	10	TQ10	13	152,848						16.57%	895,425	922,517
TQ1015	10	TQ10	15	469						0.05%	903,066	922,517
<b>TQ 10 Total</b>				922,517	<b>184,214</b>	738,303	184,214	19.97%	80.03%	100.00%		
TQ1108	11	TQ11	08	379,562						40.93%	863,255	927,333
TQ1111	11	TQ11	11	332,546						35.86%	876,710	927,333
TQ1113	11	TQ11	13	215,225						23.21%	895,425	927,333
<b>TQ 11 2011</b>				927,333	<b>547,771</b>	379,562	n/a	59.07%	40.93%	100.00%		
TQ1201	12	TQ12	01	234,243						25.34%	1,002,597	924,350
TQ1204	12	TQ12	04	4,325						0.47%	988,287	924,350
TQ1212	12	TQ12	12	527,631						57.08%	955,935	924,350
TQ1214	12	TQ12	14	158,151						17.11%	1,020,927	924,350
<b>TQ 12 Total</b>				924,350	<b>234,243</b>	690,107	234,243	25.34%	74.66%	100.00%		
TQ1311	13	TQ13	11	491,893						52.78%	876,710	931,960
TQ1312	13	TQ13	12	8,174						0.88%	955,935	931,960
TQ1313	13	TQ13	13	79,568						8.54%	895,425	931,960
TQ1315	13	TQ13	15	352,325						37.80%	903,066	931,960
<b>TQ 13 Total</b>				931,960	<b>923,786</b>	8,174	n/a	99.12%	0.88%	100.00%		
TQ1414	14	TQ14	14	92,703						9.91%	1,020,927	935,115
TQ1416	14	TQ14	16	812,022						86.84%	976,489	935,115
TQ1418	14	TQ14	18	30,390						3.25%	1,048,811	935,115
<b>TQ 14 Total</b>				935,115	<b>0</b>	935,115	0	0.00%	100.00%	100.00%		
TQ1510	15	TQ15	10	1						0.00%	893,839	929,585
TQ1511	15	TQ15	11	52,271						5.62%	876,710	929,585
TQ1512	15	TQ15	12	278,573						29.97%	955,935	929,585

TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	2001 Senate Districts Transected by TQ District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of TQ District	2010 Population of 2001 Senate District	2010 Population of 2011.12.03 TQ Senate District
TQ1513	15	TQ15	13	447,784						48.17%	895,425	929,585
TQ1515	15	TQ15	15	150,956						16.24%	903,066	929,585
<b>TQ 15 Total</b>				<b>929,585</b>	<b>651,011</b>	<b>278,574</b>	<b>n/a</b>	<b>70.03%</b>	<b>29.97%</b>	<b>100.00%</b>		
TQ1614	16	TQ16	14	429,084						45.73%	1,020,927	938,351
TQ1616	16	TQ16	16	154,266						16.44%	976,489	938,351
TQ1618	16	TQ16	18	355,001						37.83%	1,048,811	938,351
<b>TQ 16 Total</b>				<b>938,351</b>	<b>0</b>	<b>938,351</b>	<b>0</b>	<b>0.00%</b>	<b>100.00%</b>	<b>100.00%</b>		
TQ1717	17	TQ17	17	315,578						33.87%	1,098,146	931,758
TQ1718	17	TQ17	18	115,683						12.42%	1,048,811	931,758
TQ1731	17	TQ17	31	381,191						40.91%	989,662	931,758
TQ1732	17	TQ17	32	119,306						12.80%	946,010	931,758
<b>TQ 17 Total</b>				<b>931,758</b>	<b>696,769</b>	<b>234,989</b>	<b>n/a</b>	<b>74.78%</b>	<b>25.22%</b>	<b>100.00%</b>		
TQ1817	18	TQ18	17	38,758						4.16%	1,098,146	930,863
TQ1820	18	TQ18	20	677,190						72.75%	886,558	930,863
TQ1821	18	TQ18	21	124,241						13.35%	855,013	930,863
TQ1823	18	TQ18	23	63,736						6.85%	899,067	930,863
TQ1826	18	TQ18	26	5,690						0.61%	848,039	930,863
TQ1829	18	TQ18	29	21,248						2.28%	881,748	930,863
<b>TQ 18 Total</b>				<b>930,863</b>	<b>247,983</b>	<b>682,880</b>	<b>247,983</b>	<b>26.64%</b>	<b>73.36%</b>	<b>100.00%</b>		
TQ1915	19	TQ19	15	399,316						42.77%	903,066	933,534
TQ1917	19	TQ19	17	54,289						5.82%	1,098,146	933,534
TQ1919	19	TQ19	19	441,058						47.25%	911,685	933,534
TQ1923	19	TQ19	23	38,871						4.16%	899,067	933,534
<b>TQ 19 Total</b>				<b>933,534</b>	<b>933,534</b>	<b>0</b>	<b>n/a</b>	<b>100.00%</b>	<b>0.00%</b>	<b>100.00%</b>		
TQ2029	20	TQ20	29	88,561						9.46%	881,748	935,935
TQ2031	20	TQ20	31	20,790						2.22%	989,662	935,935
TQ2032	20	TQ20	32	826,584						88.32%	946,010	935,935
<b>TQ 20 Total</b>				<b>935,935</b>	<b>109,351</b>	<b>826,584</b>	<b>109,351</b>	<b>11.68%</b>	<b>88.32%</b>	<b>100.00%</b>		
TQ2117	21	TQ21	17	18,659						1.99%	1,098,146	937,814
TQ2119	21	TQ21	19	2,049						0.22%	911,685	937,814
TQ2120	21	TQ21	20	190,996						20.37%	886,558	937,814
TQ2121	21	TQ21	21	17,433						1.86%	855,013	937,814

TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	2001 Senate Districts Transected by TQ District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of TQ District	2010 Population of 2001 Senate District	2010 Population of 2011.12.03 TQ Senate District
TQ2122	21	TQ21	22	6,824						0.73%	843,734	937,814
TQ2123	21	TQ21	23	574,956						61.31%	899,067	937,814
TQ2126	21	TQ21	26	94,593						10.09%	848,039	937,814
TQ2128	21	TQ21	28	32,304						3.44%	879,674	937,814
<b>TQ 21 Total</b>				<b>937,814</b>	<b>613,097</b>	<b>324,717</b>	<b>n/a</b>	<b>65.38%</b>	<b>34.62%</b>	<b>100.00%</b>		
TQ2221	22	TQ22	21	93,715						10.14%	855,013	923,891
TQ2222	22	TQ22	22	96,236						10.42%	843,734	923,891
TQ2224	22	TQ22	24	584,549						63.27%	850,013	923,891
TQ2229	22	TQ22	29	136,785						14.81%	881,748	923,891
TQ2230	22	TQ22	30	12,606						1.36%	848,551	923,891
<b>TQ 22 Total</b>				<b>923,891</b>	<b>230,500</b>	<b>693,391</b>	<b>230,500</b>	<b>24.95%</b>	<b>75.05%</b>	<b>100.00%</b>		
TQ2318	23	TQ23	18	47,633						5.15%	1,048,811	925,721
TQ2331	23	TQ23	31	87,416						9.44%	989,662	925,721
TQ2336	23	TQ23	36	190,132						20.54%	1,036,001	925,721
TQ2337	23	TQ23	37	598,393						64.64%	1,215,876	925,721
TQ2340	23	TQ23	40	2,147						0.23%	1,024,391	925,721
<b>TQ 23 Total</b>				<b>925,721</b>	<b>685,809</b>	<b>239,912</b>	<b>n/a</b>	<b>74.08%</b>	<b>25.92%</b>	<b>100.00%</b>		
TQ2421	24	TQ24	21	83,004						8.93%	855,013	929,559
TQ2422	24	TQ24	22	470,656						50.63%	843,734	929,559
TQ2424	24	TQ24	24	150,638						16.21%	850,013	929,559
TQ2426	24	TQ24	26	133,082						14.32%	848,039	929,559
TQ2430	24	TQ24	30	92,179						9.92%	848,551	929,559
<b>TQ 24 Total</b>				<b>929,559</b>	<b>83,004</b>	<b>846,555</b>	<b>83,004</b>	<b>8.93%</b>	<b>91.07%</b>	<b>100.00%</b>		
TQ2517	25	TQ25	17	64						0.01%	1,098,146	930,913
TQ2520	25	TQ25	20	12						0.00%	886,558	930,913
TQ2521	25	TQ25	21	536,620						57.64%	855,013	930,913
TQ2522	25	TQ25	22	51,015						5.48%	843,734	930,913
TQ2524	25	TQ25	24	8						0.00%	850,013	930,913
TQ2526	25	TQ25	26	73,975						7.95%	848,039	930,913
TQ2529	25	TQ25	29	171,705						18.44%	881,748	930,913
TQ2531	25	TQ25	31	97,394						10.46%	989,662	930,913
TQ2532	25	TQ25	32	120						0.01%	946,010	930,913



TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	2001 Senate Districts Transected by TQ District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of TQ District	2010 Population of 2001 Senate District	2010 Population of 2011.12.03 TQ Senate District
<b>TQ 25 Total</b>				930,913	<b>805,783</b>	125,130	n/a	86.56%	13.44%	100.00%		
TQ2616	26	TQ26	16	10,201						1.10%	976,489	929,818
TQ2617	26	TQ26	17	419,130						45.08%	1,098,146	929,818
TQ2618	26	TQ26	18	500,104						53.79%	1,048,811	929,818
TQ2629	26	TQ26	29	383						0.04%	881,748	929,818
<b>TQ 26 Total</b>				929,818	<b>419,513</b>	510,305	419,513	45.12%	54.88%	100.00%		
TQ2717	27	TQ27	17	251,668						27.00%	1,098,146	932,154
TQ2719	27	TQ27	19	468,578						50.27%	911,685	932,154
TQ2720	27	TQ27	20	18,360						1.97%	886,558	932,154
TQ2723	27	TQ27	23	193,548						20.76%	899,067	932,154
<b>TQ 27 Total</b>				932,154	<b>913,794</b>	18,360	n/a	98.03%	1.97%			
TQ2823	28	TQ28	23	27,956						3.00%	899,067	933,158
TQ2825	28	TQ28	25	311,832						33.42%	860,352	933,158
TQ2826	28	TQ28	26	323,997						34.72%	848,039	933,158
TQ2828	28	TQ28	28	269,373						28.87%	879,674	933,158
<b>TQ 28 Total</b>				933,158	<b>339,788</b>	593,370	339,788	36.41%	63.59%	100.00%		
TQ2924	29	TQ29	24	36,432						3.95%	850,013	923,206
TQ2929	29	TQ29	29	425,264						46.06%	881,748	923,206
TQ2933	29	TQ29	33	121,279						13.14%	936,082	923,206
TQ2934	29	TQ29	34	269,885						29.23%	845,951	923,206
TQ2935	29	TQ29	35	70,346						7.62%	899,261	923,206
<b>TQ 29 Total</b>				923,206	<b>616,889</b>	306,317	n/a	66.82%	33.18%	100.00%		
TQ3022	30	TQ30	22	219,003						23.64%	843,734	926,321
TQ3025	30	TQ30	25	74,852						8.08%	860,352	926,321
TQ3026	30	TQ30	26	216,516						23.37%	848,039	926,321
TQ3027	30	TQ30	27	257,870						27.84%	857,163	926,321
TQ3030	30	TQ30	30	158,080						17.07%	848,551	926,321
<b>TQ 30 Total</b>				926,321	<b>332,722</b>	593,599	332,722	35.92%	64.08%	100.00%		
TQ3131	31	TQ31	31	402,871						42.83%	989,662	940,612
TQ3137	31	TQ31	37	537,741						57.17%	1,215,876	940,612
<b>TQ 31 Total</b>				940,612	<b>940,612</b>	0	n/a	100.00%	0.00%	100.00%		
TQ3224	32	TQ32	24	78,386						8.39%	850,013	934,103

TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	TQ 2011.12.03 Senate Nested District	2001 Senate Districts Transected by TQ District	2010 Population in 2001 District Piece	Odd	Even	Population Deferred (2001 Odd Senate in 2010 Even Senate)	Percentage of Odd Origin 2001 Senate #	Percentage of Even Origin 2001 Senate #	Percentage 2001 Senate of TQ District	2010 Population of 2001 Senate District	2010 Population of 2011.12.03 TQ Senate District
TQ3227	32	TQ32	27	253,951						27.19%	857,163	934,103
TQ3229	32	TQ32	29	21,546						2.31%	881,748	934,103
TQ3230	32	TQ32	30	580,220						62.12%	848,551	934,103
<b>TQ 32 Total</b>				<b>934,103</b>	<b>275,497</b>	658,606	275,497	29.49%	70.51%	100.00%		
TQ3325	33	TQ33	25	389,367						41.68%	860,352	934,145
TQ3326	33	TQ33	26	186						0.02%	848,039	934,145
TQ3327	33	TQ33	27	31,716						3.40%	857,163	934,145
TQ3328	33	TQ33	28	507,410						54.32%	879,674	934,145
TQ3330	33	TQ33	30	5,466						0.59%	848,551	934,145
<b>TQ 33 Total</b>				<b>934,145</b>	<b>421,083</b>	513,062	n/a	45.08%	54.92%	100.00%		
TQ3429	34	TQ34	29	16,256						1.75%	881,748	928,370
TQ3433	34	TQ34	33	464,453						50.03%	936,082	928,370
TQ3434	34	TQ34	34	398,611						42.94%	845,951	928,370
TQ3435	34	TQ34	35	49,050						5.28%	899,261	928,370
<b>TQ 34 Total</b>				<b>928,370</b>	<b>529,759</b>	398,611	529,759	57.06%	42.94%	100.00%		
TQ3525	35	TQ35	25	84,301						8.98%	860,352	938,447
TQ3527	35	TQ35	27	313,626						33.42%	857,163	938,447
TQ3528	35	TQ35	28	70,587						7.52%	879,674	938,447
TQ3534	35	TQ35	34	177,455						18.91%	845,951	938,447
TQ3535	35	TQ35	35	292,478						31.17%	899,261	938,447
<b>TQ 35 Total</b>				<b>938,447</b>	<b>690,405</b>	248,042	n/a	73.57%	26.43%	100.00%		
TQ3636	36	TQ36	36	387,214						41.73%	1,036,001	927,886
TQ3637	36	TQ36	37	79,742						8.59%	1,215,876	927,886
TQ3639	36	TQ36	39	35,992						3.88%	891,785	927,886
TQ3640	36	TQ36	40	424,938						45.80%	1,024,391	927,886
<b>TQ 36 Total</b>				<b>927,886</b>	<b>115,734</b>	812,152	115,734	12.47%	87.53%	100.00%		
TQ3733	37	TQ37	33	350,350						37.62%	936,082	931,349
TQ3735	37	TQ37	35	487,387						52.33%	899,261	931,349
TQ3738	37	TQ37	38	93,612						10.05%	973,002	931,349
<b>TQ 37 Total</b>				<b>931,349</b>	<b>837,737</b>	93,612	n/a	89.95%	10.05%			
TQ3836	38	TQ38	36	189,563						20.29%	1,036,001	934,175
TQ3838	38	TQ38	38	744,612						79.71%	973,002	934,175



Exhibit C

**2001 Senate Districts: Total 2010 PL94 Population and Deviation from Ideal**

District	Population	Deviation	% Deviation
0001	1,002,597	71,248	7.65%
0002	897,433	-33,916	-3.64%
0003	880,421	-50,928	-5.47%
0004	988,287	56,938	6.11%
0005	1,032,613	101,264	10.87%
0006	914,353	-16,996	-1.82%
0007	947,426	16,077	1.73%
0008	863,255	-68,094	-7.31%
0009	878,605	-52,744	-5.66%
0010	893,839	-37,510	-4.03%
0011	876,710	-54,639	-5.87%
0012	955,935	24,586	2.64%
0013	895,425	-35,924	-3.86%
0014	1,020,927	89,578	9.62%
0015	903,066	-28,283	-3.04%
0016	976,489	45,140	4.85%
0017	1,098,146	166,797	17.91%
0018	1,048,811	117,462	12.61%
0019	911,685	-19,664	-2.11%
0020	886,558	-44,791	-4.81%
0021	855,013	-76,336	-8.20%
0022	843,734	-87,615	-9.41%
0023	899,067	-32,282	-3.47%
0024	850,013	-81,336	-8.73%
0025	860,352	-70,997	-7.62%
0026	848,039	-83,310	-8.95%
0027	857,163	-74,186	-7.97%
0028	879,674	-51,675	-5.55%
0029	881,748	-49,601	-5.33%
0030	848,551	-82,798	-8.89%
0031	989,662	58,313	6.26%
0032	946,010	14,661	1.57%
0033	936,082	4,733	0.51%
0034	845,951	-85,398	-9.17%
0035	899,261	-32,088	-3.45%
0036	1,036,001	104,652	11.24%
0037	1,215,876	284,527	30.55%
0038	973,002	41,653	4.47%
0039	897,570	-33,779	-3.63%
0040	1,018,606	87,257	9.37%

2001 Senate Districts: Total Population - U.S. Census Bureau 2010 PL94, Table 2. DOJ Tabulation

District	Population	Latino	%Latino	White	%White	Black	%Black	American Indian	%American Indian	Asian	%Asian	Hawaiian or Pacific Islander	%Hawaiian or Pacific Islander	Other	%Other	Remainder of Multiracial	%Remainder of Multiracial
0001	1,002,597	139,292	13.89%	714,669	71.28%	36,760	3.67%	17,000	1.70%	81,501	8.13%	4,292	0.43%	3,130	0.31%	5,953	0.59%
0002	897,433	203,423	22.67%	549,042	61.18%	41,905	4.67%	25,134	2.80%	65,111	7.26%	4,265	0.48%	2,358	0.26%	6,195	0.69%
0003	880,421	153,302	17.41%	517,743	58.81%	49,176	5.59%	6,174	0.70%	140,984	16.01%	3,571	0.41%	3,445	0.39%	6,026	0.68%
0004	988,287	161,767	16.37%	716,267	72.48%	16,913	1.71%	31,852	3.22%	51,840	5.25%	2,847	0.29%	2,146	0.22%	4,655	0.47%
0005	1,032,613	352,205	34.11%	380,234	36.82%	96,535	9.35%	9,888	0.96%	169,657	16.43%	7,767	0.75%	3,355	0.32%	12,972	1.26%
0006	914,353	226,160	24.73%	395,265	43.23%	117,064	12.80%	11,188	1.22%	136,683	14.95%	11,153	1.22%	2,717	0.30%	14,123	1.54%
0007	947,426	204,028	21.53%	488,233	51.53%	75,091	7.93%	6,839	0.72%	156,083	16.47%	4,931	0.52%	3,462	0.37%	8,759	0.92%
0008	863,255	158,127	18.32%	328,554	38.06%	23,348	2.70%	3,129	0.36%	330,643	38.30%	8,203	0.95%	3,936	0.46%	7,315	0.85%
0009	878,605	201,886	22.98%	321,951	36.64%	161,248	18.35%	5,067	0.58%	170,000	19.35%	4,512	0.51%	3,884	0.42%	10,257	1.17%
0010	893,839	216,655	24.24%	230,736	25.81%	60,493	6.77%	4,373	0.49%	357,605	40.01%	10,415	1.17%	2,236	0.25%	11,326	1.27%
0011	876,710	187,483	21.38%	460,333	52.51%	26,289	3.00%	5,371	0.61%	182,696	20.84%	6,204	0.71%	2,903	0.33%	5,431	0.62%
0012	955,935	565,341	59.14%	290,764	30.42%	29,062	3.04%	8,488	0.89%	51,408	5.38%	4,057	0.42%	2,015	0.21%	4,800	0.50%
0013	895,425	331,559	37.03%	230,195	25.71%	25,071	2.80%	3,894	0.43%	291,477	32.55%	4,481	0.50%	2,363	0.26%	6,385	0.71%
0014	1,020,927	329,003	32.23%	542,696	53.16%	37,241	3.65%	15,495	1.52%	84,985	8.32%	3,009	0.29%	3,405	0.33%	5,093	0.50%
0015	903,066	278,552	30.85%	499,996	55.37%	17,758	1.97%	7,567	0.84%	89,099	9.87%	3,117	0.35%	2,548	0.28%	4,429	0.49%
0016	976,489	692,165	70.88%	161,993	16.59%	54,313	5.56%	7,792	0.80%	53,587	5.49%	989	0.10%	2,499	0.26%	3,151	0.32%
0017	1,098,146	433,459	39.47%	462,440	42.11%	107,086	9.75%	8,675	0.79%	73,703	6.71%	2,782	0.25%	3,461	0.32%	6,540	0.60%
0018	1,048,811	406,933	38.80%	516,695	49.26%	50,929	4.86%	19,248	1.84%	45,049	4.30%	2,996	0.29%	2,465	0.24%	4,496	0.43%
0019	911,685	246,698	27.06%	558,194	61.23%	17,662	1.94%	7,278	0.80%	73,530	8.07%	2,038	0.22%	2,402	0.26%	3,883	0.43%
0020	886,558	584,736	65.96%	169,756	19.15%	35,195	3.97%	2,629	0.30%	86,214	9.72%	1,408	0.16%	3,058	0.34%	3,562	0.40%
0021	855,013	217,921	25.49%	404,398	47.30%	42,561	4.98%	2,983	0.35%	177,935	20.81%	1,614	0.19%	2,854	0.33%	4,747	0.56%
0022	843,734	599,992	71.11%	69,656	8.26%	40,101	4.75%	1,779	0.21%	126,785	15.03%	532	0.06%	2,226	0.26%	2,663	0.32%
0023	899,067	229,206	25.49%	529,177	58.86%	30,777	3.42%	3,564	0.40%	97,089	10.80%	2,073	0.23%	2,926	0.33%	4,253	0.47%
0024	850,013	564,097	66.36%	78,342	9.22%	15,998	1.88%	2,134	0.25%	184,587	21.72%	835	0.10%	1,375	0.16%	2,645	0.31%
0025	860,352	417,110	48.48%	112,103	13.03%	235,130	27.33%	2,414	0.28%	76,860	8.93%	6,839	0.79%	2,826	0.33%	7,070	0.82%
0026	848,039	338,157	39.88%	191,543	22.59%	197,211	23.25%	2,236	0.26%	106,139	12.52%	1,026	0.12%	4,421	0.52%	7,306	0.86%
0027	857,163	437,809	51.08%	209,230	24.41%	81,305	9.49%	3,675	0.43%	112,680	13.15%	4,734	0.55%	2,294	0.27%	5,436	0.63%
0028	879,674	281,182	31.96%	357,146	40.60%	58,032	6.60%	3,806	0.43%	163,281	18.56%	6,182	0.70%	3,536	0.40%	6,509	0.74%
0029	881,748	269,765	30.59%	348,704	39.55%	26,498	3.01%	3,982	0.45%	224,510	25.46%	1,508	0.17%	2,292	0.26%	4,489	0.51%
0030	848,551	678,070	79.91%	96,249	11.34%	14,569	1.72%	2,481	0.29%	52,790	6.22%	1,202	0.14%	1,572	0.19%	1,618	0.19%
0031	989,662	409,269	41.35%	415,305	41.96%	67,984	6.87%	7,635	0.77%	77,647	7.85%	3,503	0.35%	2,650	0.27%	5,669	0.57%
0032	946,010	654,339	69.17%	137,198	14.50%	91,487	9.67%	3,921	0.41%	49,477	5.23%	2,857	0.30%	2,149	0.23%	4,582	0.48%
0033	936,082	235,134	25.12%	511,306	54.62%	16,965	1.81%	4,302	0.46%	158,734	16.96%	2,700	0.29%	2,493	0.27%	4,448	0.48%
0034	845,951	518,711	61.32%	130,236	15.40%	15,538	1.84%	2,736	0.32%	170,106	20.11%	4,154	0.49%	1,510	0.18%	2,960	0.35%
0035	899,261	157,040	17.46%	508,048	56.50%	13,960	1.55%	4,928	0.55%	204,620	22.75%	3,589	0.40%	2,507	0.28%	4,569	0.51%
0036	1,036,001	234,323	22.62%	634,017	61.20%	44,024	4.25%	13,233	1.28%	95,806	9.25%	5,286	0.51%	2,627	0.25%	6,685	0.65%
0037	1,215,876	518,982	42.68%	500,538	41.17%	93,533	7.69%	10,760	0.88%	78,011	6.42%	4,449	0.37%	2,760	0.23%	6,843	0.56%
0038	973,002	285,539	29.35%	548,765	56.40%	26,486	2.72%	6,460	0.66%	92,234	9.48%	5,660	0.58%	2,526	0.26%	5,332	0.55%
0039	897,570	211,686	23.58%	445,520	49.64%	73,179	8.15%	5,610	0.63%	145,280	16.19%	5,324	0.59%	3,204	0.36%	7,767	0.87%
0040	1,018,606	682,611	67.01%	193,016	18.95%	45,581	4.47%	6,091	0.60%	81,027	7.95%	3,514	0.34%	1,924	0.19%	4,842	0.48%

2001 Senate Districts: Total Voting Age Population - U.S. Census Bureau 2010 PL94, Table 4. DOJ Tabulation

District	Total VAP	Latino VAP	%Latino VAP	White VAP	%White VAP	Black VAP	%Black VAP	American Indian VAP	%American Indian VAP	Asian VAP	%Asian VAP	Hawaiian or Pacific Islander VAP	%Hawaiian or Pacific Islander VAP	Other VAP	%Other VAP	Remainder of Multiracial VAP	%Remainder of Multiracial VAP
0001	770,618	90,645	11.76%	574,116	74.50%	26,598	3.45%	12,692	1.65%	57,578	7.47%	3,106	0.40%	2,398	0.31%	3,485	0.45%
0002	699,486	130,573	18.67%	462,397	66.11%	30,218	4.32%	18,111	2.59%	49,680	7.10%	3,130	0.45%	1,709	0.24%	3,668	0.52%
0003	738,198	114,005	15.44%	449,010	60.83%	40,059	5.43%	5,223	0.71%	120,102	16.27%	2,677	0.36%	2,663	0.36%	4,459	0.60%
0004	755,678	101,366	13.41%	578,332	76.53%	11,173	1.48%	22,715	3.01%	35,902	4.75%	1,941	0.26%	1,566	0.21%	2,683	0.36%
0005	746,084	222,203	29.78%	308,919	41.41%	67,153	9.00%	7,548	1.01%	124,911	16.74%	5,586	0.75%	2,441	0.33%	7,323	0.98%
0006	680,760	144,413	21.21%	327,338	48.08%	80,352	11.80%	8,783	1.29%	101,322	14.88%	7,931	1.17%	1,863	0.27%	8,758	1.29%
0007	714,932	134,235	18.78%	395,815	55.36%	52,921	7.40%	5,289	0.74%	115,732	16.19%	3,534	0.49%	2,250	0.31%	5,156	0.72%
0008	700,206	116,531	16.64%	281,128	40.15%	18,738	2.68%	2,578	0.37%	267,502	38.20%	6,017	0.86%	2,763	0.39%	4,949	0.71%
0009	691,228	137,087	19.83%	274,616	39.73%	125,716	18.19%	4,147	0.60%	136,914	19.81%	3,311	0.48%	2,638	0.38%	6,799	0.98%
0010	676,520	146,220	21.61%	196,267	29.01%	43,753	6.47%	3,400	0.50%	270,297	39.95%	7,652	1.13%	1,501	0.22%	7,430	1.10%
0011	674,618	126,778	18.79%	380,783	56.44%	19,944	2.96%	4,307	0.64%	133,065	19.72%	4,411	0.65%	1,831	0.27%	3,499	0.52%
0012	663,824	355,010	53.48%	236,450	35.62%	20,875	3.14%	6,610	1.00%	37,466	5.64%	3,027	0.46%	1,348	0.20%	3,038	0.46%
0013	678,784	223,180	32.88%	197,830	29.14%	19,466	2.87%	3,069	0.45%	225,797	33.26%	3,368	0.50%	1,673	0.25%	4,401	0.65%
0014	753,777	209,450	27.79%	439,167	58.26%	25,786	3.42%	11,663	1.55%	59,891	7.95%	2,197	0.29%	2,545	0.34%	3,078	0.41%
0015	690,713	181,135	26.22%	417,151	60.39%	13,711	1.99%	6,109	0.88%	65,656	9.51%	2,323	0.34%	1,820	0.26%	2,808	0.41%
0016	652,983	432,224	66.19%	133,695	20.47%	40,160	6.15%	5,782	0.89%	36,639	5.61%	749	0.11%	1,884	0.29%	1,850	0.28%
0017	783,434	273,995	34.97%	368,786	47.07%	70,592	9.01%	6,755	0.86%	55,214	7.05%	1,907	0.24%	2,274	0.29%	3,911	0.50%
0018	746,706	250,445	33.54%	410,180	54.93%	32,947	4.41%	14,260	1.91%	32,614	4.37%	2,051	0.27%	1,625	0.22%	2,584	0.35%
0019	703,954	167,924	23.85%	456,457	64.84%	13,078	1.86%	5,699	0.81%	55,092	7.83%	1,548	0.22%	1,587	0.23%	2,569	0.36%
0020	650,012	398,449	61.30%	146,661	22.56%	27,168	4.18%	2,171	0.33%	70,104	10.79%	1,128	0.17%	1,782	0.27%	2,549	0.39%
0021	690,426	159,002	23.03%	343,913	49.81%	34,020	4.93%	2,498	0.36%	144,225	20.89%	1,368	0.20%	2,011	0.29%	3,389	0.49%
0022	623,318	415,320	66.63%	61,361	9.84%	33,608	5.39%	1,520	0.24%	107,647	17.27%	457	0.07%	1,338	0.21%	2,067	0.33%
0023	717,906	158,209	22.04%	446,469	62.19%	24,241	3.38%	2,956	0.41%	79,206	11.03%	1,672	0.23%	2,136	0.30%	3,017	0.42%
0024	624,506	386,296	61.86%	68,695	11.00%	12,440	1.99%	1,673	0.27%	151,976	24.34%	696	0.11%	886	0.14%	1,844	0.30%
0025	616,577	271,483	44.03%	94,813	15.38%	176,055	28.55%	1,947	0.32%	61,226	9.93%	4,621	0.75%	1,887	0.31%	4,545	0.74%
0026	667,336	236,289	35.41%	170,851	25.60%	155,988	23.37%	1,909	0.29%	92,623	13.88%	888	0.13%	3,222	0.48%	5,566	0.83%
0027	632,449	290,316	45.90%	181,749	28.74%	59,460	9.40%	3,072	0.49%	89,484	14.15%	3,350	0.53%	1,594	0.25%	3,424	0.54%
0028	693,671	194,972	28.11%	307,170	44.28%	44,960	6.48%	3,172	0.46%	131,833	19.01%	4,608	0.66%	2,551	0.37%	4,405	0.64%
0029	676,958	184,709	27.29%	288,565	42.63%	20,445	3.02%	3,131	0.46%	174,306	25.75%	1,131	0.17%	1,582	0.23%	3,089	0.46%
0030	606,963	464,254	76.49%	82,750	13.63%	10,883	1.79%	2,041	0.34%	44,067	7.26%	875	0.14%	989	0.16%	1,104	0.18%
0031	730,110	264,967	36.29%	341,105	46.72%	49,182	6.74%	5,980	0.82%	61,126	8.37%	2,420	0.33%	1,761	0.24%	3,569	0.49%
0032	643,835	415,983	64.61%	114,891	17.84%	64,734	10.05%	3,104	0.48%	39,029	6.06%	1,895	0.29%	1,358	0.21%	2,841	0.44%
0033	709,259	157,240	22.17%	410,096	57.82%	12,539	1.77%	3,389	0.48%	119,438	16.84%	1,996	0.28%	1,633	0.23%	2,928	0.41%
0034	602,563	336,109	55.78%	112,973	18.75%	11,590	1.92%	2,194	0.36%	133,891	22.22%	2,903	0.48%	962	0.16%	1,941	0.32%
0035	714,014	108,407	15.18%	425,765	59.63%	10,355	1.45%	3,918	0.55%	158,134	22.15%	2,649	0.37%	1,745	0.24%	3,041	0.43%
0036	770,042	150,071	19.49%	502,349	65.24%	30,022	3.90%	9,487	1.23%	69,322	9.00%	3,697	0.48%	1,695	0.22%	3,399	0.44%
0037	879,195	324,069	36.86%	416,655	47.39%	63,848	7.26%	7,969	0.91%	58,013	6.60%	2,966	0.34%	1,776	0.20%	3,899	0.44%
0038	728,116	184,316	25.31%	443,849	60.93%	18,635	2.56%	4,979	0.68%	67,698	9.30%	4,060	0.56%	1,656	0.23%	3,123	0.43%
0039	731,858	148,206	20.25%	394,789	53.94%	54,494	7.45%	4,788	0.65%	118,015	16.13%	4,129	0.56%	2,446	0.33%	4,991	0.68%
0040	727,299	451,413	62.07%	166,152	22.85%	35,432	4.87%	4,651	0.64%	62,718	8.62%	2,733	0.38%	1,360	0.19%	2,840	0.39%

2001 Senate Districts: Total Citizen Voting Age Population - Statewide Database, 2005 - 2009 American Community Survey 5 yr estimates											
District	Total CVAP	Latino CVAP	% Latino CVAP	White CVAP	% White CVAP	Black CVAP	% Black CVAP	Asian CVAP	% Asian CVAP	Other CVAP	% Other CVAP
0001	695,722	58,452	8.40%	554,307	79.67%	26,097	3.75%	40,311	5.79%	16,555	2.38%
0002	598,222	61,856	10.34%	450,858	75.37%	27,395	4.58%	34,985	5.85%	23,128	3.87%
0003	621,133	58,009	9.34%	433,029	69.72%	39,821	6.41%	80,515	12.96%	9,759	1.57%
0004	687,160	59,023	8.59%	566,749	82.48%	10,902	1.59%	24,569	3.58%	25,917	3.77%
0005	589,953	127,467	21.61%	307,669	52.15%	60,195	10.20%	79,136	13.41%	15,486	2.62%
0006	572,804	84,325	14.72%	328,583	57.36%	72,600	12.67%	69,682	12.17%	17,614	3.08%
0007	602,562	74,251	12.32%	389,747	64.68%	47,585	7.90%	79,229	13.15%	11,750	1.95%
0008	581,792	70,312	12.09%	281,500	48.38%	19,209	3.30%	200,212	34.41%	10,559	1.81%
0009	552,005	63,411	11.49%	265,016	48.01%	121,824	22.07%	90,525	16.40%	11,229	2.03%
0010	508,856	84,725	16.65%	203,968	40.08%	39,264	7.72%	168,390	33.09%	12,509	2.46%
0011	556,727	70,361	12.64%	376,397	67.61%	18,542	3.33%	82,978	14.90%	8,449	1.52%
0012	476,788	179,458	37.64%	242,467	50.85%	19,637	4.12%	25,108	5.27%	10,118	2.12%
0013	464,195	116,975	25.20%	188,128	40.53%	18,061	3.89%	133,200	28.69%	7,831	1.69%
0014	649,802	135,991	20.93%	433,777	66.76%	25,018	3.85%	39,581	6.09%	15,435	2.38%
0015	577,077	92,205	15.98%	411,727	71.35%	14,696	2.55%	48,073	8.33%	10,376	1.80%
0016	428,052	217,796	50.88%	141,507	33.06%	38,690	9.04%	22,235	5.19%	7,824	1.83%
0017	621,419	161,195	25.94%	353,040	56.81%	60,071	9.67%	35,571	5.72%	11,542	1.86%
0018	623,800	150,707	24.16%	405,853	65.06%	30,088	4.82%	19,806	3.18%	17,346	2.78%
0019	594,410	95,271	16.03%	443,481	74.61%	11,819	1.99%	34,468	5.80%	9,371	1.58%
0020	400,098	187,934	46.97%	137,933	34.47%	24,357	6.09%	45,219	11.30%	4,655	1.16%
0021	562,627	115,415	20.51%	312,280	55.50%	35,248	6.26%	94,066	16.72%	5,618	1.00%
0022	333,414	173,725	52.10%	57,749	17.32%	33,135	9.94%	63,690	19.10%	5,115	1.53%
0023	596,064	90,523	15.19%	424,774	71.26%	23,692	3.97%	50,138	8.41%	6,937	1.16%
0024	441,942	247,758	56.06%	74,845	16.94%	12,887	2.92%	103,257	23.36%	3,195	0.72%
0025	447,024	126,305	28.25%	96,178	21.52%	174,674	39.07%	42,534	9.51%	7,333	1.64%
0026	469,969	102,445	21.80%	154,070	32.78%	157,944	33.61%	49,232	10.48%	6,278	1.34%
0027	472,496	164,054	34.72%	181,391	38.39%	53,877	11.40%	64,199	13.59%	8,975	1.90%
0028	556,493	123,298	22.16%	294,307	52.89%	43,264	7.77%	84,717	15.22%	10,907	1.96%
0029	577,783	134,386	23.26%	298,796	51.71%	20,583	3.56%	116,545	20.17%	7,473	1.29%
0030	419,512	287,666	68.57%	85,323	20.34%	10,804	2.58%	31,519	7.51%	4,200	1.00%
0031	598,203	169,468	28.33%	337,722	56.46%	43,827	7.33%	36,531	6.11%	10,655	1.78%
0032	452,406	234,220	51.77%	123,566	27.31%	63,857	14.11%	23,057	5.10%	7,706	1.70%
0033	577,453	86,614	15.00%	397,006	68.75%	12,808	2.22%	74,342	12.87%	6,683	1.16%
0034	361,843	138,914	38.39%	118,345	32.71%	11,165	3.09%	87,306	24.13%	6,113	1.69%
0035	621,267	70,029	11.27%	425,842	68.54%	9,857	1.59%	106,975	17.22%	8,564	1.38%
0036	653,674	93,577	14.32%	473,250	72.40%	26,320	4.03%	45,657	6.98%	14,870	2.27%
0037	675,117	178,371	26.42%	396,775	58.77%	52,914	7.84%	34,244	5.07%	12,813	1.90%
0038	591,632	91,854	15.53%	427,275	72.22%	16,608	2.81%	45,488	7.69%	10,407	1.76%
0039	621,451	90,937	14.63%	394,880	63.54%	48,102	7.74%	76,544	12.32%	10,988	1.77%
0040	503,499	246,955	49.05%	170,476	33.86%	34,344	6.82%	42,213	8.38%	9,511	1.89%

Data Source: Statewide Database, 2011



2001 Senate Districts: 2010 General Election Voter Latino Surname Registration & Latino Surname Vote- Statewide Database

District	Total Registration	Spanish Surname Registration	%Spanish Surname Registration	Total Vote	% Vote++	Spanish Surname Vote	%Spanish Surname Vote
0001	556,009	39,010	7.02%	392,885	70.66%	23,377	5.95%
0002	470,851	46,554	9.89%	320,101	67.98%	24,891	7.78%
0003	512,022	39,883	7.79%	344,361	67.26%	22,835	6.63%
0004	510,709	37,352	7.31%	349,817	68.50%	19,885	5.68%
0005	435,976	91,154	20.91%	252,462	57.91%	43,621	17.28%
0006	421,247	57,313	13.61%	245,369	58.25%	29,150	11.88%
0007	501,708	59,299	11.82%	332,144	66.20%	32,086	9.66%
0008	440,922	59,041	13.39%	276,305	62.67%	31,700	11.47%
0009	474,088	47,341	9.99%	292,825	61.77%	24,921	8.51%
0010	393,032	70,365	17.90%	226,919	57.74%	36,548	16.11%
0011	456,002	45,913	10.07%	304,327	66.74%	24,947	8.20%
0012	349,722	132,188	37.80%	181,293	51.84%	55,731	30.74%
0013	336,219	77,684	23.11%	207,212	61.63%	41,411	19.98%
0014	496,959	92,623	18.64%	300,534	60.47%	41,283	13.74%
0015	461,950	63,722	13.79%	316,681	68.55%	33,536	10.59%
0016	274,672	141,485	51.51%	121,099	44.09%	52,604	43.44%
0017	488,807	107,288	21.95%	263,985	54.01%	45,646	17.29%
0018	431,770	91,682	21.23%	255,664	59.21%	39,774	15.56%
0019	518,579	70,642	13.62%	337,760	65.13%	36,557	10.82%
0020	305,732	139,699	45.69%	138,969	45.45%	58,833	42.34%
0021	446,809	80,705	18.06%	240,864	53.91%	39,461	16.38%
0022	259,412	134,107	51.70%	112,020	43.18%	57,266	51.12%
0023	502,365	66,535	13.24%	282,396	56.21%	31,031	10.99%
0024	331,798	186,077	56.08%	148,432	44.74%	81,971	55.22%
0025	389,804	96,028	24.63%	181,733	46.62%	37,094	20.41%
0026	395,605	76,226	19.27%	186,658	47.18%	31,891	17.09%
0027	391,755	126,099	32.19%	190,978	48.75%	53,002	27.75%
0028	463,143	89,866	19.40%	253,664	54.77%	41,245	16.26%
0029	475,772	98,499	20.70%	268,188	56.37%	49,138	18.32%
0030	344,396	224,623	65.22%	160,743	46.67%	99,292	61.77%
0031	449,706	107,351	23.87%	257,783	57.32%	49,532	19.21%
0032	315,539	150,336	47.64%	144,118	45.67%	61,656	42.78%
0033	545,867	69,886	12.80%	314,413	57.60%	31,870	10.14%
0034	323,568	123,369	38.13%	142,167	43.94%	47,314	33.28%
0035	562,604	52,272	9.29%	316,579	56.27%	24,260	7.66%
0036	507,409	61,503	12.12%	331,796	65.39%	31,174	9.40%
0037	494,882	118,227	23.89%	279,833	56.55%	50,198	17.94%
0038	467,260	58,908	12.61%	307,758	65.86%	29,337	9.53%
0039	449,502	61,066	13.59%	274,774	61.13%	29,851	10.86%
0040	346,519	173,669	50.12%	180,251	52.02%	75,905	42.11%

Data Source: Statewide Database, 2011

++Denominator is 2010 General Election, total registered voters

## PROOF OF SERVICE

I declare that I am employed with the law firm of Morrison & Foerster LLP, whose address is 425 Market Street, San Francisco, California 94105-2482. I am not a party to the within cause, and I am over the age of eighteen years.

I further declare that on December 14, 2011, I served a copy of:

### DECLARATION OF KARIN MAC DONALD

**X** **BY ELECTRONIC SERVICE** [Code Civ. Proc sec. 1010.6; CRC 2.251] by electronically mailing a true and correct copy through Morrison & Foerster LLP's electronic mail system from bkeaton@mofo.com to the email addresses stated on the attached service list per instructions of the Court and in accordance with Code of Civil Procedure section 1010.6.

**X** **BY FACSIMILE** [Code Civ. Proc sec. 1013(e)] by sending a true copy from Morrison & Foerster LLP's facsimile transmission telephone number 415.268.7522 to the fax number(s) set forth below, or as stated on the attached service list. The transmission was reported as complete and without error. The transmission report was properly issued by the transmitting facsimile machine.

I am readily familiar with Morrison & Foerster LLP's practice for sending facsimile transmissions, and know that in the ordinary course of Morrison & Foerster LLP's business practice the document(s) described above will be transmitted by facsimile on the same date that it (they) is (are) placed at Morrison & Foerster LLP for transmission.

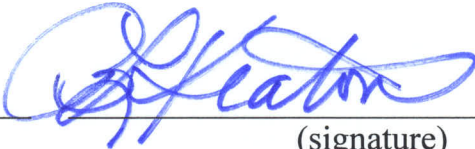
**X** **BY U.S. MAIL** [Code Civ. Proc sec. 1013(a)] by placing a true copy thereof enclosed in a sealed envelope with postage thereon fully prepaid, addressed as follows, for collection and mailing at Morrison & Foerster LLP, 425 Market Street, San Francisco, California 94105-2482 in accordance with Morrison & Foerster LLP's ordinary business practices.

I am readily familiar with Morrison & Foerster LLP's practice for collection and processing of correspondence for mailing with the United States Postal Service, and know that in the ordinary course of Morrison & Foerster LLP's business practice the document(s) described above will be deposited with the United States Postal Service on the same date that it (they) is (are) placed at Morrison & Foerster LLP with postage thereon fully prepaid for collection and mailing.

Please see attached Service List.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed at San Francisco, California, this 14th day of December, 2011.



---

B. Keaton

(signature)

## SERVICE LIST

Charles H. Bell, Jr.  
Bell, McAndrews & Hiltack, LLP  
445 Capital Mall, Ste. 600  
Sacramento, CA 95814  
cbell@bmhlaw.com  
Fax: (916) 442-7759

Service via Email, Fax  
and Mail

Attorneys for Petitioner  
Julie Vandermost

Lowell Finley  
Chief Counsel  
Office of the Secretary of State  
1500 11th St.  
Sacramento, CA 95814  
Lowell.Finley@sos.ca.gov  
Fax: (916) 651-8295

Service via Email, Fax  
and Mail

Attorneys for California  
Secretary of State

Kamala D. Harris  
Attorney General of California  
Douglas J. Woods  
Senior Assistant Attorney General  
Peter A. Krause  
Supervising Deputy Attorney General  
George Waters  
Deputy Attorney General  
1300 I Street, Suite 125  
P.O. Box 944255  
Sacramento, CA 94244-2550  
George.Waters@doj.ca.gov  
Fax: (916) 324-8835

Service via Email, Fax  
and Mail

Attorneys for California  
Secretary of State