

Alternative Legislative Districts Compactness and Competitiveness Measures

DISTRICT	Reock	Perimeter	Polsby-Popper	Competative Index2			Competative Index3			Corp Com Index		
				Ave Rep %	Ave. Dem %	Diff	Ave Rep %	Ave. Dem %	Diff	Ave Rep %	Ave. Dem %	Diff
1	0.52	942.01	0.18	59.79%	40.21%	19.58%	61.00%	39.00%	22.00%	58.50%	41.50%	17.01%
2	0.34	1,835.88	0.14	55.98%	44.02%	11.95%	55.45%	44.55%	10.91%	25.98%	74.02%	-48.03%
3	0.31	798.37	0.29	53.42%	46.58%	6.83%	54.54%	45.46%	9.09%	57.73%	42.27%	15.46%
4	0.36	248.56	0.25	58.43%	41.57%	16.87%	58.03%	41.97%	16.07%	57.03%	42.97%	14.06%
5	0.34	1,502.28	0.09	39.98%	60.02%	-20.05%	38.33%	61.67%	-23.35%	57.24%	42.76%	14.47%
6	0.56	144.45	0.26	34.00%	66.00%	-32.00%	33.14%	66.86%	-33.72%	61.56%	38.44%	23.13%
7	0.31	96.30	0.30	26.55%	73.45%	-46.90%	25.28%	74.72%	-49.44%	58.17%	41.83%	16.35%
8	0.49	165.72	0.39	33.39%	66.61%	-33.22%	32.36%	67.64%	-35.28%	60.33%	39.67%	20.65%
9	0.65	36.85	0.55	43.68%	56.32%	-12.65%	44.62%	55.38%	-10.76%	55.81%	44.19%	11.63%
10	0.61	30.08	0.59	59.95%	40.05%	19.89%	60.42%	39.58%	20.84%	54.10%	45.90%	8.20%
11	0.61	48.29	0.41	63.34%	36.66%	26.69%	63.91%	36.09%	27.82%	54.10%	45.90%	8.21%
12	0.36	249.95	0.24	29.75%	70.25%	-40.49%	27.78%	72.22%	-44.43%	55.02%	44.98%	10.04%
13	0.37	28.04	0.49	52.21%	47.79%	4.42%	53.50%	46.50%	7.01%	41.94%	58.06%	-16.11%
14	0.23	42.41	0.21	61.47%	38.53%	22.94%	62.56%	37.44%	25.12%	40.25%	59.75%	-19.49%
15	0.46	55.59	0.37	64.84%	35.16%	29.69%	66.03%	33.97%	32.05%	34.33%	65.67%	-31.34%
16	0.25	55.77	0.29	53.86%	46.14%	7.71%	51.63%	48.37%	3.26%	38.22%	61.78%	-23.57%
17	0.22	166.86	0.23	53.23%	46.77%	6.47%	49.97%	50.03%	-0.06%	44.69%	55.31%	-10.62%
18	0.52	37.25	0.40	57.90%	42.10%	15.79%	57.39%	42.61%	14.78%	58.57%	41.43%	17.14%
19	0.56	43.13	0.58	58.24%	41.76%	16.48%	58.02%	41.98%	16.04%	59.97%	40.03%	19.95%
20	0.28	54.50	0.35	40.65%	59.35%	-18.69%	38.61%	61.39%	-22.77%	53.36%	46.64%	6.72%
21	0.29	92.63	0.25	36.30%	63.70%	-27.40%	35.86%	64.14%	-28.28%	58.69%	41.31%	17.38%
22	0.60	47.44	0.53	39.40%	60.60%	-21.20%	37.32%	62.68%	-25.37%	60.70%	39.30%	21.40%
23	0.31	314.04	0.31	65.57%	34.43%	31.13%	64.36%	35.64%	28.72%	47.59%	52.41%	-4.81%
24	0.32	876.60	0.21	53.12%	46.88%	6.25%	53.52%	46.48%	7.04%	46.72%	53.28%	-6.57%
25	0.57	504.70	0.40	60.84%	39.16%	21.68%	60.85%	39.15%	21.70%	53.97%	46.03%	7.94%
26	0.35	342.79	0.25	64.08%	35.92%	28.16%	62.46%	37.54%	24.92%	54.82%	45.18%	9.64%
27	0.33	279.38	0.13	65.69%	34.31%	31.38%	66.41%	33.59%	32.82%	36.26%	63.74%	-27.49%
28	0.32	80.41	0.27	59.93%	40.07%	19.85%	60.93%	39.07%	21.86%	34.81%	65.19%	-30.39%
29	0.28	306.92	0.13	61.44%	38.56%	22.87%	63.30%	36.70%	26.60%	35.22%	64.78%	-29.56%
30	0.25	119.50	0.15	59.33%	40.67%	18.65%	59.18%	40.82%	18.36%	52.08%	47.92%	4.16%

Index 2: Average of 2008 and 2010, each year weighted equally

Index 3: Average of 2008, 2010 and % of major party Registration, each of the three components weighted equally

Corp Com Index: Average of 2008 and 2006 Corporation Commission Races and % of major party Registration, each of the three components weighted equally