

Table 6: Summary of the Enacted 2017 Senate Plan and Senate Simulation Sets 1 and 2:

	2017 Senate Plan:	Senate Simulation Set 1:	Senate Simulation Set 2:
Description:	Current Enacted Plan	Simulated Senate maps following only traditional districting criteria	Simulated Senate maps that: 1) Protect the maximum number of incumbents in each grouping; 2) Protect at least the same incumbents who were protected in the 2017 Senate Plan; and 3) Otherwise follow non-partisan traditional districting criteria.
Total Number of Simulated Plans:		1,000 simulated maps	1,000 simulated maps
Number of Split Municipalities:	25	8 to 12	10 to 16
Number of Split VTDs:	5	0 to 3	0 to 3
Average Reock Score (Compactness):	0.427	0.438 to 0.460	0.433 to 0.458
Average Polsby-Popper Score (Compactness):	0.348	0.365 to 0.398	0.357 to 0.389
Mean-Median Difference:	+0.034	+0.010 to +0.029	+0.008 to 0.028
Democratic Districts (using 2010-2016 Statewide Election Composite, which corresponds to a 47.92% statewide Democratic vote share):	18 (out of 50 districts)	19 (321 simulation) 20 (508 simulations) 21 (171 simulations)	19 (250 simulation) 20 (647 simulations) 21 (98 simulations) 22 (5 simulations)