

Table 22 – Alabama Senate Districts’ Illustrative/Enacted Plan Compactness Measures

	Reock		Polsby-Popper		Area/Convex Hull		
District	Illustrative	Enacted	Illustrative	Enacted	Illustrative	Enacted	More Compact
1	0.22	0.21	0.30	0.29	0.77	0.78	Illustrative
2	0.54	0.63	0.37	0.37	0.85	0.82	Equal
3	0.28	0.62	0.17	0.54	0.68	0.92	Enacted
4	0.26	0.26	0.33	0.33	0.84	0.84	Equal
5	0.57	0.57	0.38	0.38	0.84	0.84	Equal
6	0.41	0.43	0.42	0.44	0.90	0.83	Enacted
7	0.31	0.26	0.16	0.14	0.58	0.59	Illustrative
8	0.41	0.53	0.29	0.35	0.77	0.87	Enacted
9	0.33	0.48	0.18	0.21	0.68	0.67	Enacted
10	0.41	0.44	0.30	0.28	0.79	0.74	Illustrative
11	0.33	0.32	0.13	0.12	0.58	0.56	Illustrative
12	0.19	0.19	0.16	0.16	0.62	0.62	Equal
13	0.30	0.30	0.27	0.27	0.71	0.71	Equal
14	0.49	0.48	0.34	0.29	0.81	0.82	Illustrative
15	0.53	0.53	0.17	0.16	0.71	0.71	Illustrative
16	0.50	0.50	0.20	0.20	0.74	0.74	Equal
17	0.47	0.46	0.16	0.13	0.73	0.73	Illustrative
18	0.26	0.26	0.23	0.23	0.70	0.70	Equal
19	0.37	0.37	0.20	0.20	0.76	0.76	Equal
20	0.43	0.43	0.18	0.18	0.69	0.69	Equal
21	0.29	0.29	0.17	0.17	0.63	0.63	Equal
22	0.30	0.30	0.12	0.12	0.54	0.54	Equal
23	0.57	0.57	0.29	0.29	0.79	0.79	Equal
24	0.39	0.39	0.37	0.37	0.88	0.88	Equal
25	0.32	0.24	0.23	0.14	0.77	0.65	Illustrative
26	0.37	0.50	0.19	0.18	0.67	0.76	Enacted
27	0.27	0.27	0.21	0.21	0.59	0.59	Equal
28	0.42	0.42	0.25	0.25	0.72	0.72	Equal
29	0.33	0.33	0.28	0.28	0.75	0.75	Equal
30	0.47	0.44	0.23	0.23	0.72	0.70	Illustrative
31	0.44	0.44	0.22	0.22	0.70	0.70	Equal
32	0.46	0.46	0.34	0.34	0.81	0.81	Equal
33	0.38	0.38	0.21	0.21	0.64	0.64	Equal
34	0.48	0.48	0.26	0.26	0.84	0.84	Equal
35	0.56	0.56	0.42	0.42	0.88	0.88	Equal
Mean	0.39	0.41	0.25	0.26	0.73	0.74	Enacted

Table 22 – Alabama Senate Districts’ Illustrative/Enacted Plan Compactness Measures

	Reock		Polsby-Popper		Area/Convex Hull		
District	Illustrative	Enacted	Illustrative	Enacted	Illustrative	Enacted	More Compact
Min	0.26	0.19	0.16	0.12	0.58	0.54	Illustrative

Note: Bold text represents a majority Black state senate district. Shaded cells represent a new majority Black district.

Source: Alabama State Senate Illustrative Plan data from Maptitude for Redistricting Compactness Report