

User:

Plan Name: **AL_House_adopted_2021**Plan Type: **Congress**

Measures of Compactness Report

Friday, December 17, 2021

3:04 PM

	Reock	Polsby-Popper	Area/Convex Hull	Schwartzberg
Mean	0.39	0.24	0.71	1.97
Min	0.11	0.07	0.45	1.27
Max	0.62	0.60	0.92	3.53
Std. Dev.	0.11	0.10	0.11	0.42
Sum				

Higher Number is Better

Lower Number is Better

District	Reock	Polsby-Popper	Area/Convex Hull	Schwartzberg
1	0.24	0.28	0.82	1.77
2	0.38	0.29	0.70	1.71
3	0.38	0.27	0.83	1.86
4	0.38	0.30	0.72	1.73
5	0.37	0.27	0.70	1.77
6	0.47	0.24	0.77	2.00
7	0.54	0.34	0.82	1.64
8	0.33	0.15	0.81	2.25
9	0.40	0.21	0.75	1.97
10	0.52	0.35	0.78	1.60
11	0.44	0.16	0.74	2.22
12	0.58	0.22	0.79	1.76
13	0.39	0.27	0.81	1.69
14	0.35	0.11	0.56	2.72
15	0.25	0.15	0.61	2.29
16	0.43	0.21	0.70	1.93

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District	Higher Number is Better			Lower Number is Better	
	Reock	Polsby-Popper	Area/Convex Hull	Schwartzberg	
17	0.41	0.47	0.83	1.44	
18	0.51	0.53	0.92	1.33	
19	0.34	0.18	0.58	2.31	
20	0.27	0.18	0.64	2.10	
21	0.26	0.19	0.62	2.15	
22	0.44	0.19	0.76	1.86	
23	0.55	0.38	0.89	1.40	
24	0.34	0.43	0.83	1.44	
25	0.47	0.27	0.71	1.87	
26	0.53	0.22	0.75	1.86	
27	0.56	0.20	0.73	1.90	
28	0.34	0.14	0.68	2.31	
29	0.36	0.16	0.61	2.26	
30	0.39	0.13	0.66	2.44	
31	0.41	0.22	0.68	1.98	
32	0.16	0.07	0.54	3.53	
33	0.50	0.27	0.78	1.77	
34	0.37	0.17	0.76	2.04	
35	0.53	0.23	0.80	1.96	
36	0.19	0.07	0.45	3.33	
37	0.35	0.37	0.85	1.61	
38	0.46	0.29	0.79	1.72	
39	0.41	0.32	0.71	1.69	
40	0.47	0.30	0.78	1.72	
41	0.38	0.33	0.82	1.52	
42	0.50	0.38	0.78	1.56	
43	0.36	0.22	0.73	1.91	
44	0.50	0.39	0.84	1.51	
45	0.24	0.14	0.63	2.33	
46	0.11	0.09	0.46	3.10	

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District	Higher Number is Better			Lower Number is Better	
	Reock	Polsby-Popper	Area/Convex Hull	Schwartzberg	
47	0.41	0.21	0.69	1.98	
48	0.39	0.21	0.77	2.02	
49	0.54	0.25	0.76	1.79	
50	0.30	0.15	0.62	2.34	
51	0.56	0.36	0.88	1.47	
52	0.23	0.14	0.60	2.59	
53	0.28	0.33	0.73	1.72	
54	0.21	0.14	0.62	2.61	
55	0.19	0.10	0.45	3.15	
56	0.31	0.24	0.74	1.80	
57	0.41	0.12	0.61	2.52	
58	0.33	0.18	0.66	2.20	
59	0.31	0.15	0.72	2.30	
60	0.42	0.13	0.67	2.35	
61	0.44	0.40	0.87	1.50	
62	0.23	0.17	0.65	2.10	
63	0.30	0.23	0.57	1.99	
64	0.25	0.20	0.62	2.14	
65	0.33	0.15	0.74	2.20	
66	0.26	0.17	0.53	2.13	
67	0.51	0.40	0.88	1.32	
68	0.38	0.11	0.57	2.60	
69	0.40	0.19	0.61	1.97	
70	0.50	0.21	0.70	2.09	
71	0.29	0.12	0.55	2.43	
72	0.52	0.19	0.75	1.83	
73	0.32	0.15	0.59	2.33	
74	0.36	0.26	0.69	1.94	
75	0.34	0.19	0.66	1.98	
76	0.41	0.23	0.70	1.93	

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District	Higher Number is Better			Lower Number is Better	
	Reock	Polsby-Popper	Area/Convex Hull	Schwartzberg	
77	0.58	0.27	0.75	1.91	
78	0.25	0.12	0.56	2.39	
79	0.51	0.23	0.72	1.91	
80	0.48	0.35	0.76	1.57	
81	0.50	0.41	0.81	1.46	
82	0.58	0.35	0.87	1.45	
83	0.32	0.18	0.57	2.19	
84	0.51	0.32	0.75	1.54	
85	0.43	0.46	0.84	1.38	
86	0.53	0.36	0.87	1.58	
87	0.36	0.39	0.85	1.53	
88	0.42	0.23	0.67	1.88	
89	0.35	0.19	0.57	2.03	
90	0.28	0.15	0.56	2.36	
91	0.46	0.27	0.71	1.83	
92	0.32	0.24	0.78	1.83	
93	0.39	0.32	0.78	1.60	
94	0.62	0.60	0.91	1.27	
95	0.37	0.36	0.78	1.52	
96	0.58	0.46	0.86	1.39	
97	0.30	0.18	0.55	2.17	
98	0.32	0.18	0.63	2.12	
99	0.35	0.18	0.55	2.29	
100	0.52	0.28	0.72	1.72	
101	0.28	0.22	0.64	2.01	
102	0.43	0.16	0.64	2.22	
103	0.36	0.18	0.66	2.16	
104	0.35	0.22	0.58	2.08	
105	0.50	0.41	0.83	1.46	

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Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.
Area / Convex Hull	The measure is always between 0 and 1, with 1 being the most compact.
Schwartzberg	The measure is usually greater than or equal to 1, with 1 being the most compact.