

User:  
Plan Name: **House Final 2011**  
Plan Type:

## Measures of Compactness Report

Sunday, February 21, 2021

2:43 PM

Number of cut edges: 17,374

	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
Sum	N/A	N/A	N/A	12,239.15
Min	0.11	1.36	0.11	N/A
Max	0.61	3.06	0.54	N/A
Mean	0.39	1.98	0.28	N/A
Std. Dev.	0.09	0.34	0.09	N/A

<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
1	0.43	1.89	0.28	148.67
2	0.41	1.87	0.28	90.12
3	0.43	2.00	0.25	75.56
4	0.59	1.93	0.27	122.62
5	0.36	1.86	0.29	53.88
6	0.55	1.65	0.37	70.35
7	0.39	1.63	0.38	89.98
8	0.46	1.74	0.33	76.85
9	0.25	2.28	0.19	56.85
10	0.41	2.03	0.24	66.74
11	0.56	1.77	0.32	155.05

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
12	0.29	2.33	0.18	183.24
13	0.35	2.53	0.16	159.39
14	0.35	1.81	0.31	131.21
15	0.37	2.18	0.21	62.90
16	0.30	2.17	0.21	114.48
17	0.41	2.09	0.23	125.04
18	0.26	1.83	0.30	61.28
19	0.47	1.91	0.27	39.25
20	0.45	1.93	0.27	32.29
21	0.39	2.01	0.25	35.28
22	0.28	2.16	0.21	32.39
23	0.27	2.92	0.12	40.48
24	0.19	2.94	0.12	52.74
25	0.33	2.27	0.19	61.04

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
26	0.36	1.52	0.43	34.54
27	0.46	1.69	0.35	28.81
28	0.47	1.88	0.28	83.44
29	0.42	2.29	0.19	182.94
30	0.24	1.98	0.26	107.68
31	0.41	2.08	0.23	37.14
32	0.47	1.56	0.41	48.87
33	0.33	1.69	0.35	96.80
34	0.40	1.89	0.28	50.19
35	0.45	1.84	0.30	72.07
36	0.51	1.52	0.43	45.79
37	0.44	1.91	0.27	45.55
38	0.43	1.58	0.40	73.92
39	0.37	1.85	0.29	151.08

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
40	0.57	1.54	0.42	138.52
41	0.44	1.80	0.31	183.42
42	0.44	1.55	0.42	141.97
43	0.50	1.98	0.25	151.67
44	0.46	1.97	0.26	117.69
45	0.27	1.87	0.29	80.33
46	0.34	2.19	0.21	42.57
47	0.53	1.58	0.40	63.26
48	0.29	2.02	0.24	45.82
49	0.34	2.13	0.22	74.97
50	0.52	1.95	0.26	173.44
51	0.46	2.00	0.25	61.24
52	0.50	1.98	0.26	139.05
53	0.28	2.03	0.24	158.96

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
54	0.48	2.13	0.22	182.46
55	0.25	2.36	0.18	219.81
56	0.31	1.93	0.27	74.07
57	0.28	2.69	0.14	210.04
58	0.41	1.98	0.26	121.37
59	0.44	1.75	0.33	78.20
60	0.41	2.23	0.20	145.83
61	0.36	2.16	0.21	175.91
62	0.46	2.50	0.16	126.71
63	0.39	1.62	0.38	30.45
64	0.44	1.92	0.27	190.65
65	0.36	2.17	0.21	180.39
66	0.45	1.88	0.28	160.54
67	0.30	2.28	0.19	74.26

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
68	0.41	1.53	0.43	35.85
69	0.56	1.75	0.33	38.78
70	0.37	2.30	0.19	172.02
71	0.44	2.07	0.23	62.68
72	0.17	2.07	0.23	31.06
73	0.36	2.25	0.20	65.99
74	0.31	2.16	0.22	27.61
75	0.54	1.57	0.41	20.38
76	0.21	2.08	0.23	33.32
77	0.49	1.56	0.41	54.37
78	0.52	1.53	0.42	48.59
79	0.44	1.39	0.52	20.62
80	0.39	2.23	0.20	125.05
81	0.37	1.65	0.37	46.91

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
82	0.50	1.87	0.29	161.71
83	0.43	1.62	0.38	56.40
84	0.31	2.08	0.23	105.37
85	0.28	2.31	0.19	70.59
86	0.38	1.68	0.36	160.81
87	0.53	1.78	0.31	64.03
88	0.53	1.47	0.46	39.08
89	0.48	1.47	0.46	29.54
90	0.34	2.21	0.21	255.19
91	0.36	2.29	0.19	266.88
92	0.42	1.73	0.34	26.83
93	0.42	2.16	0.22	192.11
94	0.31	1.90	0.28	27.44
95	0.43	2.05	0.24	95.55

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
96	0.61	1.49	0.45	76.98
97	0.37	2.21	0.20	159.40
98	0.32	1.92	0.27	26.93
99	0.36	2.18	0.21	63.53
100	0.41	2.41	0.17	148.72
101	0.39	1.92	0.27	210.15
102	0.28	3.06	0.11	320.26
103	0.41	2.27	0.19	214.27
104	0.35	2.06	0.23	93.88
105	0.44	1.63	0.38	92.27
106	0.43	1.47	0.46	34.52
107	0.39	1.36	0.54	47.21
108	0.24	2.09	0.23	225.89
109	0.11	3.05	0.11	49.49



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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
110	0.42	1.73	0.33	30.55
111	0.28	2.54	0.16	36.09
112	0.41	1.76	0.32	56.26
113	0.12	2.80	0.13	56.94
114	0.31	1.81	0.31	67.49
115	0.31	1.68	0.36	79.57
116	0.37	1.98	0.26	161.22
117	0.39	2.06	0.24	38.20
118	0.39	2.13	0.22	122.09
119	0.28	2.34	0.18	64.50
120	0.44	2.07	0.23	111.36
121	0.35	2.54	0.15	258.31
122	0.49	1.66	0.36	185.71
123	0.41	1.61	0.39	65.87

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<b>District</b>	<b>Reock</b>	<b>Alternate Schwartzberg</b>	<b>Polsby- Popper</b>	<b>Perimeter</b>
124	0.36	1.70	0.35	66.63

### Measures of Compactness Summary

<b>Reock</b>	The measure is always between 0 and 1, with 1 being the most compact.
<b>Alternate Schwartzberg</b>	This measure is always greater than or equal to 1, with 1 being the most compact.
<b>Polsby-Popper</b>	The measure is always between 0 and 1, with 1 being the most compact.
<b>Perimeter</b>	The Perimeter test computes one number for the whole plan. If you are comparing several plans, the plan with the smallest total perimeter is the most compact.
<b>Cut Edges</b>	A smaller number implies a more compact plan. The measure should only be used to compare plans defined on the same base layer.