

User:

Plan Name: **AL_Congress_2023_Enacted_**Plan Type: **Congress**

Measures of Compactness Report

Monday, May 13, 2024

11:29 AM

Number of cut edges: 3,246

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
Sum	N/A	N/A	N/A	N/A
Min	0.31	0.18	0.41	0.61
Max	0.61	0.40	0.98	0.91
Mean	0.41	0.28	0.75	0.75
Std. Dev.	0.10	0.09	0.22	0.11

District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
1	0.31	0.24	0.98	0.65
2	0.61	0.37	0.83	0.85
3	0.41	0.35	0.91	0.81
4	0.33	0.20	0.41	0.61
5	0.37	0.40	0.96	0.91
6	0.46	0.18	0.59	0.68
7	0.40	0.23	0.59	0.76

Measures of Compactness Report

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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.
Population Polygon	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.
Cut Edges	A smaller number implies a more compact plan. The measure should only be used to compare plans defined on the same base layer.