

User:  
Plan Name: **AL\_Illustrative\_5**  
Plan Type: **Congress**

**Measures of Compactness Report**

Friday, May 10, 2024 5:20 PM

Number of cut edges: 4,142

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
Sum	N/A	N/A	N/A	N/A
Min	0.19	0.11	0.35	0.53
Max	0.39	0.33	0.84	0.85
Mean	0.29	0.18	0.63	0.67
Std. Dev.	0.07	0.07	0.16	0.10
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
1	0.19	0.13	0.74	0.53
2	0.39	0.19	0.66	0.70
3	0.33	0.18	0.61	0.62
4	0.29	0.20	0.35	0.68
5	0.33	0.33	0.84	0.85
6	0.30	0.13	0.52	0.66
7	0.23	0.11	0.67	0.65

Measures of Compactness Report

AL\_Illustrative\_5

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.