

User:  
Plan Name: **AI\_Illustrative\_Plan\_7**  
Plan Type: **Congress**

Measures of Compactness Report

Friday, May 10, 20245:35 PM

Number of cut edges: 3,670

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
Sum	N/A	N/A	N/A	N/A
Min	0.20	0.13	0.55	0.58
Max	0.56	0.39	0.83	0.82
Mean	0.41	0.21	0.66	0.71
Std. Dev.	0.13	0.10	0.09	0.10

District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
1	0.20	0.13	0.72	0.58
2	0.39	0.19	0.65	0.72
3	0.32	0.17	0.65	0.68
4	0.54	0.32	0.63	0.82
5	0.47	0.39	0.83	0.82
6	0.56	0.14	0.61	0.77
7	0.37	0.13	0.55	0.59

## Measures of Compactness Report

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### Measures of Compactness Summary

<b>Reock</b>	The measure is always between 0 and 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>Population Polygon</b>	The measure is always between 0 and 1, with 1 being the most compact.
<b>Area / Convex Hull</b>	The measure is always between 0 and 1, with 1 being 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.