

User:

Plan Name: **AL\_Illustrative\_3**Plan Type: **Congress**

## Measures of Compactness Report

Friday, May 10, 2024

5:05 PM

Number of cut edges: 4,108

	<b>Reock</b>	<b>Polsby-Popper</b>	<b>Population Polygon</b>	<b>Area/Convex Hull</b>
Sum	N/A	N/A	N/A	N/A
Min	0.20	0.12	0.35	0.58
Max	0.47	0.33	0.84	0.85
Mean	0.34	0.18	0.63	0.68
Std. Dev.	0.09	0.07	0.16	0.10

  

<b>District</b>	<b>Reock</b>	<b>Polsby-Popper</b>	<b>Population Polygon</b>	<b>Area/Convex Hull</b>
1	0.20	0.16	0.73	0.58
2	0.39	0.22	0.69	0.74
3	0.41	0.16	0.63	0.65
4	0.31	0.12	0.35	0.58
5	0.33	0.33	0.84	0.85
6	0.47	0.13	0.53	0.72
7	0.30	0.15	0.66	0.66

## Measures of Compactness Report

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AL\_Illustrative\_3

### 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.