

User:

Plan Name: IdahoLC

Plan Type: Congress

# Measures of Compactness Report

Tuesday, October 12, 2021

5:03 PM

Number of cut edges: 472

	Reock	Schwartzberg	Alternate Schwartzberg	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle	Ehrenburg	Perimeter	Length-Width
Sum	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,935.63	N/A
Min	0.21	1.45	1.75	0.18	0.76	0.73	0.55	0.23	N/A	11.53
Max	0.57	1.97	2.33	0.33	0.95	0.82	0.81	0.51	N/A	341.81
Mean	0.39	1.71	2.04	0.26	0.86	0.78	0.68	0.37	N/A	176.67
Std. Dev.	0.25	0.37	0.41	0.11	0.13	0.06	0.18	0.20	N/A	233.54

District	Reock	Schwartzberg	Alternate Schwartzberg	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle	Ehrenburg	Perimeter	Length-Width
1	0.21	1.97	2.33	0.18	0.76	0.73	0.55	0.23	1,634.07	341.81
2	0.57	1.45	1.75	0.33	0.95	0.82	0.81	0.51	1,301.56	11.53

## Measures of Compactness Summary

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<b>Reock</b>	The measure is always between 0 and 1, with 1 being the most compact.
<b>Schwartzberg</b>	The measure is usually greater than or equal to 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>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>Population Circle</b>	The measure is always between 0 and 1, with 1 being the most compact.
<b>Ehrenburg</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>Length-Width</b>	A lower number indicates better length-width compactness.
<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.