

# APPENDIX F

**2012 Minnesota Special Redistricting Panel  
Summary Statistics - Senate**

	Measures of Compactness								Split Political Subdivisions	
	(0 to 1: larger = more compact)					(smaller = more compact)			Counties n = 87	Cities/ Townships* n = 2,754
	Reock	Polsby-Popper	Population Polygon	Population Circle	Ehrenburg	Schwartzberg	Perimeter	Length-Width		
2012 Districts	0.45 .25 to .62	0.41 .19 to .58	0.77 .33 to .98	0.48 .15 to .9	0.42 .21 to .72	1.53 1.30 to 2.12	9,923	9.16	39	45
2002 Districts	0.44 .20 to .66	0.41 .17 to .72	0.77 .33 to .98	0.45 .08 to .87	0.42 .21 to .72	1.53 1.30 to 2.12	10,111	9.16	31	25
Hippert	0.42 .19 to .60	0.4 .15 to .64	0.77 .42 to .98	0.45 .20 to .90	0.39 .19 to .72	1.56 1.24 to 2.34	10,161	10.22	29	28
Martin	0.42 .24 to .59	0.4 .11 to .63	0.76 .31 to .99	0.45 .18 to .91	0.4 .20 to .77	1.57 1.22 to 2.55	10,085	10.46	38	45
Britton	0.43 .25 to .69	0.39 .18 to .57	0.78 .38 to .99	0.44 .16 to .90	0.4 .23 to .71	1.57 1.28 to 2.18	10,067	14.17	41	59

This report was produced from data generated by Maptitude for Redistricting (Version 6.0 Build 975).

The parties are listed in the order in which they appear in the case caption.

Shaded cells indicate measures of compactness that were not considered in 2002

\*When a city or township is split on a county boundary, such a split is not counted.

**2012 Minnesota Special Redistricting Panel  
Summary Statistics - House**

	Measures of Compactness								Split Political Subdivisions	
	(0 to 1: larger = more compact)					(smaller = more compact)			Counties n = 87	Cities/ Townships* n = 2,754
	Reock	Polsby-Popper	Population Polygon	Population Circle	Ehrenburg	Schwartzberg	Perimeter	Length-Width		
2012 Districts	0.44 (.24 to .68)	0.42 (.16 to .64)	0.75 (.24 to 1.0)	0.45 (.13 to .90)	0.41 (.20 to .96)	1.54 (1.21 to 2.20)	13,397	8.47	54	89
2002 Districts	0.44 (.22 to .66)	0.42 (.16 to .73)		0.45 (.14 to .88)			13,605		50	46
Hippert	0.44 (.16 to .63)	0.44 (.15 to .76)	0.78 (.33 to 1.0)	0.44 (.11 to .90)	0.41 (.14 to .73)	1.51 (1.15 to 2.38)	13,142	7.05	40	39
Martin	0.42 (.21 to .64)	0.41 (.13 to .72)	0.75 (.24 to .98)	0.43 (.12 to .90)	0.4 (.17 to 1.21)	1.56 (1.17 to 2.4)	13,577	7.57	49	67
Britton	0.44 (.21 to .63)	0.41 (.13 to .67)	0.77 (.24 to .99)	0.45 (.11 to .94)	0.41 (.18 to .72)	1.55 (1.22 to 2.3)	13,483	7.92	52	87

The parties are listed in the order in which they appear in the case caption.

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