APPENDIX F

## 2012 Minnesota Special Redistricting Panel Summary Statistics - Senate

|  | Measures of Compactness |  |  |  |  |  |  |  | Split Political <br> Subdivisions |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (0 to 1: larger = more compact) |  |  |  |  | (smaller = more compact) |  |  |  |  |
|  | Reock | PolsbyPopper | Population Polygon | Population Circle | Ehrenburg | Schwartzberg | Perimeter | LengthWidth | Counties $\mathbf{n}=87$ | $\begin{array}{c\|} \hline \text { Cities/ } \\ \text { Townships* } \\ \mathrm{n}=2,754 \\ \hline \end{array}$ |
| 2012 Districts | $\begin{gathered} 0.45 \\ .25 \text { to } .62 \end{gathered}$ | $\begin{gathered} 0.41 \\ .19 \text { to } .58 \end{gathered}$ | $\begin{gathered} 0.77 \\ .33 \text { to } .98 \end{gathered}$ | $\begin{gathered} 0.48 \\ .15 \text { to } 9 \end{gathered}$ | $\begin{gathered} 0.42 \\ .21 \text { to } .72 \\ \hline \end{gathered}$ | $\begin{gathered} \hline 1.53 \\ 1.30 \text { to } 2.12 \end{gathered}$ | 9,923 | 9.16 | 39 | 45 |
| 2002 Districts | $\begin{gathered} 0.44 \\ .20 \text { to } 66 \\ \hline \end{gathered}$ | $\begin{gathered} \hline 0.41 \\ .17 \text { to } .72 \\ \hline \end{gathered}$ |  | $\begin{gathered} 0.45 \\ .08 \text { to } .87 \\ \hline \end{gathered}$ |  |  | 10,111 |  | 31 | 25 |
| Hippert | $\begin{gathered} 0.42 \\ .19 \text { to } 60 \\ \hline \end{gathered}$ | $\begin{gathered} 0.4 \\ .15 \text { to } .64 \end{gathered}$ | $\begin{gathered} 0.77 \\ .42 \text { to } .98 \end{gathered}$ | $\begin{gathered} 0.45 \\ .20 \text { to } .90 \end{gathered}$ | $\begin{gathered} 0.39 \\ .19 \text { to } .72 \end{gathered}$ | $\begin{gathered} 1.56 \\ 1.24 \text { to } 2.34 \end{gathered}$ | 10,161 | 10.22 | 29 | 28 |
| Martin | $\begin{gathered} 0.42 \\ .24 \text { to } .59 \end{gathered}$ | $\begin{gathered} 0.4 \\ .11 \text { to } .63 \end{gathered}$ | $\begin{gathered} 0.76 \\ .31 \text { to } .99 \end{gathered}$ | $\begin{gathered} 0.45 \\ .18 \text { to } .91 \end{gathered}$ | $\begin{gathered} 0.4 \\ 20 \text { to } .77 \\ \hline \end{gathered}$ | $\begin{gathered} \hline 1.57 \\ 1.22 \text { to } 2.55 \\ \hline \end{gathered}$ | 10,085 | 10.46 | 38 | 45 |
| Britton | $\begin{gathered} 0.43 \\ .25 \text { to } .69 \\ \hline \end{gathered}$ | $\begin{gathered} 0.39 \\ .18 \text { to } .57 \\ \hline \end{gathered}$ | $\begin{gathered} 0.78 \\ .38 \text { to } .99 \\ \hline \end{gathered}$ | $\begin{gathered} 0.44 \\ .16 \text { to } .90 \end{gathered}$ | $\begin{gathered} 0.4 \\ .23 \text { to } .71 \end{gathered}$ | $\begin{gathered} \hline 1.57 \\ 1.28 \text { to } 2.18 \\ \hline \end{gathered}$ | 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 <br> Subdivisions |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (0 to 1: larger = more compact) |  |  |  |  | (smaller = more compact) |  |  |  |  |
|  | Reock | PolsbyPopper | Population Polygon | Population Circle | Ehrenburg | Schwartzberg | Perimeter | LengthWidth | Counties n $=87$ | Cities/ Townships* $\mathrm{n}=2,754$ |
| 2012 Districts | $\begin{gathered} 0.44 \\ (.24 \text { to } .68) \\ \hline \end{gathered}$ | $\begin{gathered} 0.42 \\ (.16 \text { to } .64) \end{gathered}$ | $\begin{gathered} 0.75 \\ (.24 \text { to } 1.0) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 0.45 \\ (.13 \text { to } .90) \\ \hline \end{gathered}$ | $\begin{gathered} 0.41 \\ (.20 \text { to } .96) \\ \hline \end{gathered}$ | $\begin{gathered} 1.54 \\ (1.21 \text { to } 2.20) \end{gathered}$ | 13,397 | 8.47 | 54 | 89 |
| 2002 Districts | $\begin{gathered} 0.44 \\ (.22 \text { to } .66) \\ \hline \end{gathered}$ | $\begin{gathered} 0.42 \\ (.16 \text { to } .73) \end{gathered}$ |  | $\begin{gathered} \hline 0.45 \\ (.14 \text { to } .88) \\ \hline \end{gathered}$ |  |  | 13,605 |  | 50 | 46 |
| Hippert | $\begin{gathered} 0.44 \\ (.16 \text { to } .63) \end{gathered}$ | $\begin{gathered} 0.44 \\ (.15 \text { to } .76) \end{gathered}$ | $\begin{gathered} \hline 0.78 \\ (.33 \text { to } 1.0) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 0.44 \\ (.11 \text { to } .90) \\ \hline \end{gathered}$ | $\begin{gathered} 0.41 \\ (.14 \text { to } .73) \end{gathered}$ | $\begin{gathered} 1.51 \\ (1.15 \text { to } 2.38) \end{gathered}$ | 13,142 | 7.05 | 40 | 39 |
| Martin | $\begin{gathered} \hline 0.42 \\ (.21 \text { to } .64) \\ \hline \end{gathered}$ | $\begin{gathered} 0.41 \\ (.13 \text { to } .72) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 0.75 \\ (.24 \text { to } .98) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 0.43 \\ (.12 \text { to } .90) \\ \hline \end{gathered}$ | $\begin{array}{c\|} \hline 0.4 \\ (.17 \text { to } 1.21) \\ \hline \end{array}$ | $\begin{gathered} 1.56 \\ (1.17 \text { to } 2.4) \\ \hline \end{gathered}$ | 13,577 | 7.57 | 49 | 67 |
| Britton | $\begin{gathered} 0.44 \\ (.21 \text { to } .63) \end{gathered}$ | $\begin{gathered} 0.41 \\ (.13 \text { to } .67) \end{gathered}$ | $\begin{gathered} 0.77 \\ (.24 \text { to } .99) \\ \hline \end{gathered}$ | $\begin{gathered} 0.45 \\ (.11 \text { to } .94) \end{gathered}$ | $\begin{gathered} 0.41 \\ (.18 \text { to } .72) \end{gathered}$ | $\begin{gathered} 1.55 \\ (1.22 \text { to } 2.3) \\ \hline \end{gathered}$ | 13,483 | 7.92 | 52 | 87 |

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

This report was produced from data generated by Maptitude for Redistricting (Version 6.0 Build 975).
*When a city or township is split on a county boundary, such a split is not counted.

