

# Compactness Analysis - Area Based Measures

## CONGRESSIONAL DISTRICTS - PLANC2116

District	Area Rubber Band	Perimeter to Area
1	0.714	0.180
2	0.651	0.213
3	0.862	0.363
4	0.615	0.105
5	0.743	0.227
6	0.619	0.182
7	0.478	0.094
8	0.634	0.227
9	0.702	0.192
10	0.642	0.160
11	0.740	0.305
12	0.745	0.203
13	0.670	0.280
14	0.561	0.161
15	0.543	0.122
16	0.674	0.241
17	0.648	0.154
18	0.653	0.115
19	0.839	0.532
20	0.633	0.129
21	0.834	0.305
22	0.651	0.164
23	0.728	0.201
24	0.672	0.114
25	0.709	0.255
26	0.633	0.155
27	0.819	0.369
28	0.645	0.209
29	0.587	0.108
30	0.750	0.197
31	0.719	0.198
32	0.482	0.077
33	0.379	0.034
34	0.757	0.300
35	0.441	0.078
36	0.772	0.248
37	0.718	0.154
38	0.587	0.125

\* Compactness measures: Each measure is reported on a scale from 0 to 1, with numbers closer to 1 being more compact. A score of N/A indicates the measure could not be calculated.

1. "Area Rubber Band" is the ratio of the area of the district to the area of the smallest convex polygon enclosing the district.
2. "Perimeter to Area" is the ratio of the area of a circle with the same perimeter as the district to the area of the district.