Compactness Analysis - Area Based Measures
SENATE DISTRICTS - PLANS172

District	Area Rubber Band	Perimeter to Area
1	0.841	0.271
2	0.749	0.274
3	0.749	0.181
4	0.552	0.152
5	0.669	0.211
6	0.516	0.072
7	0.625	0.187
8	0.812	0.349
9	0.651	0.116
10	0.664	0.172
11	0.741	0.249
12	0.657	0.209
13	0.529	0.132
14	0.802	0.211
15	0.510	0.080
16	0.732	0.211
17	0.563	0.096
18	0.803	0.290
19	0.630	0.165
20	0.534	0.162
21	0.580	0.148
22	0.796	0.390
23	0.814	0.257
24	0.607	0.201
25	0.736	0.286
26	0.607	0.144
27	0.748	0.312
28	0.689	0.218
29	0.784	0.345
30	0.710	0.228
31	0.610	0.273

* 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.