

## Compactness Analysis - Area Based Measures

### HOUSE DISTRICTS - PLANH2176

District	Area Rubber Band	Perimeter to Area
1	0.750	0.186
2	0.685	0.220
3	0.526	0.133
4	0.765	0.306
5	0.692	0.274
6	0.807	0.334
7	0.891	0.526
8	0.706	0.184
9	0.783	0.172
10	0.976	0.608
11	0.629	0.125
12	0.638	0.135
13	0.688	0.178
14	0.627	0.134
15	0.778	0.283
16	0.808	0.321
17	0.775	0.300
18	0.725	0.273
19	0.693	0.295
20	0.672	0.254
21	0.526	0.088
22	0.612	0.136
23	0.842	0.323
24	0.725	0.191
25	0.746	0.238
26	0.641	0.223
27	0.900	0.531
28	0.667	0.169
29	0.740	0.248
30	0.696	0.280
31	0.581	0.195
32	0.721	0.251
33	0.653	0.308
34	0.769	0.274
35	0.562	0.150
36	0.797	0.240
37	0.784	0.333
38	0.675	0.175
39	0.758	0.314
40	0.683	0.277
41	0.751	0.318
42	0.766	0.289
43	0.581	0.126
44	0.785	0.370
45	0.793	0.400
46	0.639	0.153
47	0.646	0.177
48	0.586	0.140
49	0.581	0.210
50	0.781	0.331
51	0.809	0.319

\* 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.

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District	Area Rubber Band	Perimeter to Area
52	0.819	0.321
53	0.621	0.205
54	0.747	0.192
55	0.697	0.252
56	0.790	0.262
57	0.740	0.258
58	0.803	0.478
59	0.678	0.348
60	0.958	0.575
61	0.497	0.109
62	0.537	0.132
63	0.839	0.258
64	0.864	0.495
65	0.559	0.159
66	0.673	0.171
67	0.647	0.151
68	0.468	0.149
69	0.701	0.319
70	0.516	0.121
71	0.803	0.507
72	0.833	0.494
73	0.746	0.332
74	0.612	0.146
75	0.914	0.633
76	0.688	0.308
77	0.580	0.217
78	0.897	0.486
79	0.638	0.322
80	0.629	0.218
81	0.822	0.326
82	0.928	0.546
83	0.721	0.379
84	0.912	0.566
85	0.733	0.217
86	0.685	0.399
87	0.797	0.513
88	0.580	0.258
89	0.844	0.308
90	0.482	0.064
91	0.814	0.379
92	0.712	0.245
93	0.793	0.316
94	0.603	0.126
95	0.600	0.094
96	0.658	0.181
97	0.775	0.253
98	0.882	0.454
99	0.774	0.264
100	0.622	0.168
101	0.821	0.375
102	0.735	0.269

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District	Area Rubber Band	Perimeter to Area
103	0.692	0.176
104	0.475	0.116
105	0.789	0.328
106	0.779	0.323
107	0.600	0.160
108	0.586	0.107
109	0.752	0.268
110	0.652	0.219
111	0.806	0.348
112	0.491	0.111
113	0.487	0.112
114	0.793	0.307
115	0.761	0.270
116	0.705	0.281
117	0.629	0.204
118	0.520	0.135
119	0.507	0.128
120	0.778	0.259
121	0.686	0.171
122	0.804	0.340
123	0.629	0.206
124	0.729	0.287
125	0.624	0.223
126	0.671	0.245
127	0.582	0.244
128	0.618	0.122
129	0.730	0.206
130	0.623	0.255
131	0.517	0.103
132	0.778	0.297
133	0.861	0.353
134	0.793	0.310
135	0.638	0.175
136	0.732	0.342
137	0.739	0.279
138	0.580	0.164
139	0.604	0.195
140	0.821	0.382
141	0.607	0.198
142	0.555	0.158
143	0.590	0.172
144	0.688	0.278
145	0.568	0.168
146	0.753	0.237
147	0.675	0.203
148	0.462	0.080
149	0.665	0.191
150	0.708	0.219

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