

## Compactness Analysis - Area Based Measures

### HOUSE DISTRICTS - PLANH414

District	Area Rubber Band	Perimeter to Area
1	0.641	0.121
2	0.685	0.220
3	0.499	0.119
4	0.634	0.239
5	0.572	0.163
6	0.872	0.404
7	0.821	0.451
8	0.701	0.228
9	0.714	0.201
10	0.632	0.220
11	0.759	0.194
12	0.736	0.123
13	0.752	0.208
14	0.663	0.132
15	0.722	0.253
16	0.657	0.238
17	0.658	0.239
18	0.737	0.291
19	0.854	0.322
20	0.674	0.233
21	0.689	0.120
22	0.561	0.104
23	0.843	0.360
24	0.718	0.236
25	0.847	0.424
26	0.587	0.104
27	0.844	0.419
28	0.763	0.244
29	0.850	0.506
30	0.839	0.413
31	0.630	0.234
32	0.785	0.224
33	0.397	0.099
34	0.774	0.213
35	0.568	0.160
36	0.687	0.155
37	0.825	0.271
38	0.647	0.159
39	0.780	0.329
40	0.755	0.329
41	0.646	0.231
42	0.626	0.277
43	0.641	0.148
44	0.779	0.364
45	0.830	0.545
46	0.596	0.126
47	0.819	0.259
48	0.547	0.118
49	0.573	0.157
50	0.608	0.120
51	0.907	0.311

\* 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	0.597	0.218
53	0.709	0.260
54	0.697	0.282
55	0.723	0.343
56	0.817	0.261
57	0.748	0.166
58	0.704	0.367
59	0.685	0.270
60	0.735	0.339
61	0.880	0.584
62	0.652	0.177
63	0.867	0.411
64	0.751	0.276
65	0.780	0.289
66	0.884	0.486
67	0.665	0.250
68	0.517	0.146
69	0.787	0.349
70	0.753	0.202
71	0.855	0.587
72	0.861	0.550
73	0.729	0.358
74	0.692	0.189
75	0.865	0.475
76	0.721	0.342
77	0.728	0.350
78	0.850	0.398
79	0.860	0.500
80	0.737	0.264
81	0.784	0.374
82	0.745	0.355
83	0.576	0.209
84	0.704	0.260
85	0.741	0.258
86	0.782	0.458
87	0.907	0.626
88	0.626	0.241
89	0.839	0.264
90	0.545	0.072
91	0.868	0.487
92	0.732	0.298
93	0.453	0.104
94	0.792	0.307
95	0.603	0.111
96	0.763	0.227
97	0.801	0.321
98	0.839	0.382
99	0.820	0.444
100	0.466	0.104
101	0.783	0.279
102	0.784	0.335

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District	Area Rubber Band	Perimeter to Area
103	0.568	0.096
104	0.471	0.076
105	0.612	0.108
106	0.756	0.258
107	0.501	0.116
108	0.693	0.324
109	0.704	0.175
110	0.741	0.194
111	0.618	0.162
112	0.674	0.198
113	0.716	0.143
114	0.750	0.284
115	0.795	0.299
116	0.720	0.281
117	0.712	0.297
118	0.518	0.136
119	0.514	0.141
120	0.803	0.289
121	0.767	0.332
122	0.757	0.289
123	0.615	0.218
124	0.663	0.283
125	0.761	0.275
126	0.746	0.296
127	0.613	0.270
128	0.601	0.112
129	0.800	0.248
130	0.621	0.229
131	0.676	0.146
132	0.830	0.461
133	0.762	0.243
134	0.693	0.189
135	0.605	0.278
136	0.819	0.323
137	0.710	0.267
138	0.800	0.271
139	0.514	0.124
140	0.793	0.323
141	0.607	0.204
142	0.567	0.144
143	0.583	0.124
144	0.649	0.195
145	0.472	0.107
146	0.517	0.105
147	0.669	0.218
148	0.574	0.132
149	0.803	0.365
150	0.744	0.254

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