

Autobound EDGE - Compactness Report

Plan Name: Congressional:Eid Congress Plan V6 FINAL

[For more information on compactness calculations Click Here](#)



Compactness measure: Polsby-Popper

District	District Area (SQM)	Perimeter (Miles)	Area of Circle with Same Perimeter	Perimeter of Circle with Same Area	Compactness Value
1	253	106	888	56	0.28
2	192	71	396	49	0.48
3	336	101	814	65	0.41
4	1,886	280	6,246	154	0.30
5	2,814	252	5,038	188	0.56
6	242	80	506	55	0.48
7	1,018	180	2,580	113	0.39
8	6,478	554	24,419	285	0.27
9	3,904	347	9,586	222	0.41
10	6,899	404	13,020	294	0.53
11	2,454	267	5,678	176	0.43
12	13,068	637	32,265	405	0.41
13	57,170	1,351	145,227	848	0.39

Most Compact: 0.56 For District: 5

Least Compact: 0.27 For District: 8

Compactness measure: Schwartzberg

District	District Area (SQM)	Perimeter (Miles)	Area of Circle with Same Perimeter	Perimeter of Circle with Same Area	Compactness Value
1	253	106	888	56	0.53
2	192	71	396	49	0.70
3	336	101	814	65	0.64
4	1,886	280	6,246	154	0.55
5	2,814	252	5,038	188	0.75
6	242	80	506	55	0.69
7	1,018	180	2,580	113	0.63
8	6,478	554	24,419	285	0.52
9	3,904	347	9,586	222	0.64
10	6,899	404	13,020	294	0.73
11	2,454	267	5,678	176	0.66
12	13,068	637	32,265	405	0.64
13	57,170	1,351	145,227	848	0.63

Most Compact: 0.75 For District: 5

Least Compact: 0.52 For District: 8

Compactness measure: Reock Score

District	District Area (SQM)	Perimeter (Miles)	Area of Circle with Same Perimeter	Perimeter of Circle with Same Area	Compactness Value
1	253	106	888	56	0.21
2	192	71	396	49	0.59
3	336	101	814	65	0.48
4	1,886	280	6,246	154	0.32
5	2,814	252	5,038	188	0.55

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6	242	80	506	55	0.48
7	1,018	180	2,580	113	0.39
8	6,478	554	24,419	285	0.18
9	3,904	347	9,586	222	0.43
10	6,899	404	13,020	294	0.53
11	2,454	267	5,678	176	0.41
12	13,068	637	32,265	405	0.57
13	57,170	1,351	145,227	848	0.38

Most Compact: 0.59 For District: 2

Least Compact: 0.18 For District: 8

Compactness measure: Length-Width

District	District Area (SQM)	Perimeter (Miles)	Area of Circle with Same Perimeter	Perimeter of Circle with Same Area	Compactness Value
1	253	106	888	56	2.49
2	192	71	396	49	1.11
3	336	101	814	65	1.78
4	1,886	280	6,246	154	3.31
5	2,814	252	5,038	188	2.14
6	242	80	506	55	1.70
7	1,018	180	2,580	113	2.03
8	6,478	554	24,419	285	5.62
9	3,904	347	9,586	222	2.20
10	6,899	404	13,020	294	0.92
11	2,454	267	5,678	176	0.85
12	13,068	637	32,265	405	1.42
13	57,170	1,351	145,227	848	1.83

Most Compact: 5.62 For District: 8

Least Compact: 0.85 For District: 11

Compactness measure: Convex Hull

District	District Area (SQM)	Perimeter (Miles)	Area of Circle with Same Perimeter	Perimeter of Circle with Same Area	Compactness Value
1	253	106	888	56	0.66
2	192	71	396	49	0.84
3	336	101	814	65	0.82
4	1,886	280	6,246	154	0.76
5	2,814	252	5,038	188	0.90
6	242	80	506	55	0.76
7	1,018	180	2,580	113	0.73
8	6,478	554	24,419	285	0.77
9	3,904	347	9,586	222	0.78
10	6,899	404	13,020	294	0.88
11	2,454	267	5,678	176	0.78
12	13,068	637	32,265	405	0.78
13	57,170	1,351	145,227	848	0.87

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Most Compact: 0.9 For District: 5

Least Compact: 0.66 For District: 1

