EXHIBIT A

Part 4

EXHIBIT AA

034
21.3%
037
31.5%
041
35.4%
Macland
50
.3%
Mill Creek Lk
Cindys Lk
038
51.5%
Powder Springs
Floyd
278
Clarkdale
039
51.2%
Austell
Perkerson Lk
Mableton
Illustrative House
0
.75
1.5
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

053
27.5%
Mill Creek Lk
Cindys Lk
Smyrna
041
35.4%
Powder Springs
038
51.5%
Laurel Lk
Cooper Lk
278
Austell
Perkerson Lk
COBB
Summerlin Lk
039
51.2%
Mableton
Greystone Lk
6
Penns Lk
Shues Lk
Lithia Springs
Kings Lk
061
72.2%
Williams Lk
Chism Lk
040
Illustrative House
DOUGLAS
Douglasville
Lk Careca
0
1
2
Miles
066
66.0%
20
©2019 CALIPER; ©2018 HERE
District by BVAP

Smyrna
038
51.5%
053
27.5%
Vinings
Chattahoochee Riv
Laurel Lk
Cooper Lk
041
35.4%
COBB
Rivermeade Lk
Peachtree Crk
039
51.2%
Summerlin Lk
055
52.6%
Austell
Mableton
Atlanta
Kings Lk
040
65.6%
056
52.8%
Lk Careca
Lithia Springs
Illustrative House
0 .75 1.5
Miles
061
72.2%
DOUGLAS
Chattahoochee Riv
Tatum Lk
Wildwood Lk
FULTON
Lk Palmyra
060
57
District by BVAP
©2019 CALIPER; ©2018 HERE

COBB
041
35.4%
Mableton
039
51.2%
054
16.3%
055
52.6%
082
18.2%
058
17.0%
083
56.2%
Druid Hills
040
65.6%
056
52.8%
DEKALB
Atlanta
FULTON
057
56.7%
089
54.0%
061
72.2%
059
55.9%
060
76.9%
062
90.5%
©2019 CALIPER; ©2018 HERE
Illustrative House
0 .75 1.5
Miles
District by BVAP

040
65.6%
Carey Park
Center Hill
055
52.6%
Rockdale
Grove Park
Atlanta Water Works Reservoirs
058
17.0%
Atlanta
056
52.8%
059
55.9%
Battle Hill Haven
Five Points
Lk Palmyra
060
76.9%
057
56.7%
©2019 CALIPER
Illustrative House
0 .4 .8
Miles
District by BVAP

056
52.8%
Inman Park
Five Points
Atlanta
057
56.7%
060
76.9%
West End
059
55.9%
©2019 CALIPER
Illustrative House
0 .3 .6
Miles
District by BVAP

055
52.6%
056
52.8%
057
56.7%
059
55.9%
060
76.9%
062
90.5%
089
54.0%
Battle Hill Haven
Five Points
Inman Park
Edgewood
Atlanta
West End
East Atlanta
Beulah Heights
Ormewood
Cascade Heights
Eastland Heights
Sylvan Hills
Lakewood Heights
Lakewood Park
Lk Palmyra
Thomasville
East Point
Constitution
Illustrative House
0 .5 1
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

056
52.8%
West End
057
56.7%
East Atlanta
Beulah Heights
Ormewood
055
52.6%
Cascade Heights
Atlanta
Sylvan Hills
059
55.9%
Lakewood Park Lk
089
54.0%
DEKALB
FULTON
Reservoir
Constitution
Constitution Lk
062
90.5%
East Point
060
76.9%
Hapeville
Blair Village
College Park
Judy's Lake
CLAYTON
Mountain View
074
70.5%
076
72.0%
©2019 CALIPER; ©2018 HERE
Illustrative House
0 .75 1.5
Miles
District by BVAP

Austell
039
51.2%
041
35.4%
150
31.3%
Greystone Lk
Mableton
COBB
Penns Lk
Shues Lk
Lithia Springs
Chism Lk
Williams Lk
Grovers Lk
040
65.6%
Lk Careca
061
72.2%
Tatum Lk
Lk Shawnee
Lk Echo
Wildwood Lk
DOUGLAS
Douglasville
055
52.6%
066
66.0%
Kings Lk
Wrights Lk
Niskey Lk
Lk Monroe
City of East Point
Atlanta
Illustrative House
0
1
2
Miles
067
62.8%
Chattahoochee
FULTON
062
90.5%
District by BVAP
©2019 CALIPER; ©2018 HERE

Atlanta
055
52.6%
059
55.9%
061
72.2%
City of East Point Reservoir
Carol Lk
Jan Lk
Cowart Lk
062
90.5%
066
66.0%
FULTON
East Point
060
76.9%
Hapeville
Reservoir
Judy's Lake
College Park
067
62.8%
Union City
Lk Frances
064
64.8%
063
66.1%
CLAYTON
Crystal Lk
Koweta Lk
Valley Lks
065
64.7%
Fairburn
Dixie Lks
074
Miles
Illustrative House
0
.75
1.5
District by BVAP
©2019 CALIPER; ©2018 HERE

067
62.8%
062
90.5%
074
70.5%
Lake City
076
72.0%
Union City
Morrow
CLAYTON
065
64.7%
FULTON
Fairburn
Riverdale
077
76.1%
078
55.1%
Jonesboro
075
68.0%
109
55.9%
071
9.6%
Tyrone
063
66.1%
FAYETTE
064
64.8%
Bonanza
111
55.8%
Fayetteville
073
60.6%
Lovejoy
Illustrative House
0 1.5 3
Miles
District by BVAP
072
9.5%
Peachtree City
COWETA
©2019 CALIPER; ©2018 HERE

067
62.8%
062
90.5%
Forest Park
074
70.5%
Union City
Riverdale
077
76.1%
CLAYTON
FULTON
Fairburn
065
64.7%
Jonesboro
Palmetto
075
68.0%
109
55.9%
FAYETTE
063
66.1%
Tyrone
064
64.8%
071
9.6%
COWETA
Fayetteville
Illustrative House
0
1.5
3
Miles
073
60.6%
District by BVAP
070
9.9%
072
9.5%
©2019 CALIPER; ©2018 HERE

068
25.1%
061
72.2%
066
66.0%
062
90.5%
DOUGLAS
067
62.8%
FULTON
Union City
Fairburn
018
3.0%
CARROLL
065
64.7%
069
11.9%
Palmetto
COWETA
071
9.6%
FAYETTE
064
64.8%
©2019 CALIPER; ©2018 HERE
Illustrative House
0
1.5
3
Miles
District by BVAP

150
1.3%
039
51.2%
COBB
040
65.6%
061
72.2%
068
25.1%
066
66.0%
062
90.5%
Lithia Springs
Douglasville
DOUGLAS
FULTON
Shues Lk
Chism Lk
Williams Lk
Grovers Lk
Crystal Lk
Lk Shawnee
Lk Echo
Legion Lk
Lk Monroe
Coursey Lk
20
6
©2019 CALIPER; ©2018 HERE
Illustrative House
0
1
2
Miles
District by BVAP

068
25.1%
DOUGLAS
061
72.2%
066
66.0%
062
90.5%
067
62.8%
064
64.8%
FULTON
Union City
069
1.9%
065
64.7%
Fairburn
Illustrative House
0 1 2
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

075
68.0%
063
66.1%
064
64.8%
Fayetteville
Bonanza
CLAYTON
Lovejoy
109
55.9%
111
55.8%
McDonough
Blacksville
HENRY
Hampton
073
60.6%
FAYETTE
Woolsey
072
9.5%
Sunny Side
Heron Bay
110
52.4%
Brooks
SPALDING
Experiment
071
9.6%
130
15.5%
©2019 CALIPER; ©2018 HERE
Griffin
East Griffin
129
Illustrative House
0
1.5
3
Miles
District by BVAP

060
76.9%
062
90.5%
College Park
Coxs Crossing
Mountain View
Lk Murray
Conley
285
Mirror Lk
Ballard Pond
Forest Park
076
72.0%
85
Joy Lk
Howell Lk
Crystal Lk
Lake City
074
70.5%
Shellnut Lk
75
063
66.1%
Four Oaks Lk
Lk Louise
Morrow
075
68.0%
077
76.1%
Riverdale
Dukes Pond
078
Illustrative House
0 .5 1
Miles
Camelot
19
District by BVAP
©2019 CALIPER; ©2018 HERE

062
90.5%
074
70.5%
077
76.1%
076
72.0%
078
55.1%
075
68.0%
109
55.9%
063
66.1%
073
60.6%
Forest Park
Morrow
Riverdale
CLAYTON
FULTON
Jonesboro
Stockbridge
HENRY
Irondale
FAYETTE
Four Oaks Lk
Lk Louise
Dukes Pond
Wrights Lk
Lk Tare
Rockhill Lk
Askew Lks
Lk Spivey
Thornton Lk
Lk Jodeco
Whaleys Lk
Mundys Mill
19
675
75
©2019 CALIPER; ©2018 HERE
Illustrative House
0
1
2
Miles
District by BVAP

60
.9%
089
54.0%
Ward Lk
083
56.2%
South Riv
Corn Crk
090
75.0%
Panola
Lk Murray
Conley
DEKALB
Lonnie Lk
Scarbrough Cross Roads
076
72.0%
Mitchell Br
Harps Lk
Forest Park
HENRY
Joy Lk
Howell Lk
Lake City
Ellenwood
James Crk
074
70.5%
CLAYTON
675
Rex
Lk Louise
Swan Lake
Swan Lk
Morrow
North Clayton
075
68.0%
077
76.1%
078
55.1%
Illustrative House
0
.75
1.5
Miles
District by BVAP
75
Stockbridge
©2019 CALIPER; ©2018 HERE

062
90.5%
074
70.5%
076
72.0%
Forest Park
Four Oaks Lk
UPPER RIVERDALE RD
TARA BLVD
75
Morrow
Riverdale
077
76.1%
Dukes Pond
Camelot
075
68.0%
Wrights Lk
Lk Tare
Lake Tara
063
66.1%
Rockhill Lk
19
078
55.1%
0
.5
1
Miles
Illustrative House
District by BVAP
©2019 CALIPER; ©2018 HERE

Forest Park
Lake City
074
70.5%
076
72.0%
ROCKDALE
Mitchell Br
Harps Lk
Joy Lk
Howell Lk
James Crk
Jinco Lk
675
Lk Louise
Swan Lk
Morrow
077
76.1%
Scotts Lk
CLAYTON
75
078
55.1%
Askew Lks
075
68.0%
Stockbridge
HENRY
Big Cotton
Indian Crk
Rockhill Lk
Clayton Co
Reservoir
Lk Spivey
Thornton Lk
Lk Jodeco
19
Illustrative House
0
090
75.0%
1.5
Miles
District by BVAP
©2019 CALIPER; ©201
109

055
52.6%
058
17.0%
056
52.8%
057
56.7%
059
55.9%
060
76.9%
082
18.2%
087
56.5%
088
57.1%
086
55.3%
085
41.6%
092
92.5%
084
68.7%
091
77.6%
083
56.2%
089
54.0%
090
North Decatur
Scottdale
Druid Hills
Decatur
Avondale Estates
Belvedere Park
Atlanta
FULTON
Candler-McAfee
DEKALB
Panthersville
Hapeville
©2019 CALIPER; ©2018 HERE
Illustrative House
0 1 2
Miles
District by BVAP

082
18.2%
North Decatur
Scottdale
Decatur
Avondale Estates
Avondale Lk
Oakhurst
Atlanta
East Lake
East Lk
Glenwood Hills
085
41.6%
Belvedere Park
086
55.3%
Lk Arrowhead
088
57.1%
Glen Haven
DEKALB
Redan
092
92.5%
Candler-McAfee
Belmont
084
68.7%
Smiths Lk
089
54.0%
Gresham Park
Panthersville
083
56.2%
Snapfinger
South Riv
090
75.0%
091
77.6%
Illustrative House
0
.75
1.5
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

080
17.0%
081
23.7%
GWINNETT
108
21.8%
094
52.6%
Brookhaven
Echo Lk
Simmons Lk
Tucker
Twin Brothers Lk
082
18.2%
North Druid Hills
087
56.5%
Clarkston
North Decatur
Stone Mountain Lk
Stone Mountain
088
57.1%
Candler Lk
Scottdale
Stonehaven Lk
Wohelo Lk
Venable Lk
Kenilworth Lk
Rockbridge Lk
085
41.6%
DEKALB
Pine Lake
Druid Hills
086
55.3%
Lk Arrowhead
Decatur
084
68.7%
Atlanta
089
54.0%
083
56.2%
East Lk
Belvedere Park
092
92.5%
Candler-McAfee
Illustrative House
0
1
2
Redan
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

080
17.0%
081
23.7%
099
22.3%
GWINNETT
Lilburn
108
21.8%
Pittsburg
Lucky Shoals Ck
Tucker
088
57.1%
Mountain Park
Echo Lk
Simmons Lk
087
56.5%
Mountain Park
Trickem
DEKALB
094
52.6%
Rehoboth
086
55.3%
North Decatur
Clarkston
Stone Mountain Lk
Stone Mountain
Scottdale
Kenilworth Lk
Stonehaven
Wohelo Lk
Rockbridge Lk
Illustrative House
0
.75
1.5
Miles
District by BVAP
082
18.2%
085
41.6%
Pine Lake
092
Decatur
©2019 CALIPER; ©2018 HERE

Doraville
Chamblee
081
23.7%
099
22.3%
Lilburn
GWINNETT
108
21.8%
10
43.
080
17.0%
85
Tucker
087
56.5%
106
48.9%
085
41.6%
086
55.3%
Clarkston
Stone Mountain
088
57.1%
094
52.6%
082
18.2%
North Decatur
285
Scottdale
Pine Lake
Decatur
084
68.7%
Avondale Estates
083
56.2%
Belvedere Park
092
92.5%
DEKALB
Redan
Illustrative House
0 .75 1.5
Miles
District by BVAP
091
©2019 CALIPER; ©2018 HERE

058
17.0%
056
52.8%
Atlanta
057
56.7%
FULTON
059
55.9%
Lakewood Park Lk
060
76.9%
Hapeville
Scottdale
Decatur
Avondale Estates
Avondale Lk
085
41.6%
Belvedere Park
East Lk
088
57.1%
086
55.3%
Candler-McAfee
DEKALB
084
68.7%
Gresham Park
Panthersville
083
56.2%
Constitution Lk
089
54.0%
Moore Lks
Crawford Lks
Ward Lk
South Riv
090
75.0%
Illustrative House
0 .75 1.5
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

Panthersville
Lithonia
Lakeview Estates
059
5.9%
084
68.7%
091
77.6%
060
6.9%
089
54.0%
083
56.2%
DEKALB
Conyers
Conley
093
54.9%
074
70.5%
Lake City
076
72.0%
090
75.0%
ROCKDALE
112
53.6%
Morrow
077
76.1%
CLAYTON
075
68.0%
078
55.1%
Stockbridge
113
56.9%
NEWTON
Jonesboro
109
55.9%
HENRY
073
60.6%
129
21.1%
Illustrative House
0
1.5
3
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

094
52.6%
GWINNETT
115
13.2%
WALTON
088
57.1%
106
48.9%
Redan
DEKALB
092
92.5%
084
68.7%
Lithonia
091
77.6%
Lakeview Estates
ROCKDALE
20
090
75.0%
Conyers
093
54.9%
076
72.0%
HENRY
113
56.9%
©2019 CALIPER; ©2018 HERE
Illustrative House
0
1
2
Miles
NEWTON
112
District by BVAP

094
52.6%
Bermuda
Yellow Riv
Lk Arrowhead
088
57.1%
092
92.5%
Redan
Belmont
084
68.7%
Smiths Lk
Lithonia
091
77.6%
Lk Capri
Lk Capistrano
093
54.9%
Illustrative House
0
.5
1
Miles
District by BVAP
20
©2019 CALIPER; ©2018 HERE

094
52.6%
106
48.9%
092
92.5%
DEKALB
WALTON
115
13.2%
Walnut Grove
091
77.6%
Jersey
Lithonia
Lakeview Estates
145
21.1%
Conyers
093
54.9%
Social Circle
ROCKDALE
Oxford
Covington
113
56.9%
Porterdale
090
75.0%
NEWTON
HENRY
112
53.6%
Illustrative House
0 1.5 3
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

99
3%
Lilburn
108
21.8%
107
43.4%
GWINNETT
Snellville
Mountain Park
Edwards Lks
106
48.9%
Lk Lucerne
087
56.5%
094
52.6%
088
57.1%
Stonehaven Lk
Wohelo Lk
Venable Lk
Rockbridge Lk
115
13.2%
Yellow Riv
DEKALB
092
92.5%
Norris Lk
ROCKDALE
091
77.6%
©2019 CALIPER; ©2018 HERE
Illustrative House
0 .75 1.5
Miles
District by BVAP

CLAYTON
073
60.6%
Hampton
HENRY
111
55.8%
Locust Grove
Sunny Side
Heron Bay
110
52.4%
Jenkinsburg
SPALDING
Experiment
Griffin
East Griffin
129
21.1%
130
15.5%
BUTTS
Illustrative House
0 1.5 3
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

090
75.0%
109
55.9%
McDonough
111
55.8%
Blacksville
129
21.1%
Hampton
073
60.6%
HENRY
Locust Grove
Sunny Side
Heron Bay
110
52.4%
SPALDING
Illustrative House
0
1
2
Miles
BUTTS
District by BVAP
©2019 CALIPER; ©2018 HERE

ROCKDALE
Social Circle
145
21.1%
WALTON
093
54.9%
Oxford
Covington
MORGAN
Porterdale
113
56.9%
NEWTON
112
53.6%
Mansfield
Newborn
HENRY
BUTTS
JASPER
129
21.1%
Illustrative House
0
1.5
3
Miles
District by BVAP
©2019 CALIPER, ©2018 HERE

091
77.6%
DEKALB
093
54.9%
ROCKDALE
090
75.0%
078
55.1%
113
56.9%
112
53.6%
Oxford
Porterdale
20
NEWTON
109
55.9%
HENRY
129
21.1%
2019 CALIPER; ©2018 HERE
Illustrative House
0 1 2
Miles
District by BVAP

122
14.9%
COLUMBIA
Bowen Pond
Savannah Riv
Augusta Cnl
Stevens Crk
Belvedere
Martinez
North Augusta
Clearwater
Storm Br
Johns Pond
Boy Scout Pond
123
20.6%
Lk Olmstead
Raes Crk
Lk Aumond
124
51.2%
Augusta-Richmond County
127
52.7%
RICHMOND
Rosedale Pond
Wilkinson Pond
Wades Lk
Lombards Pond
125
58.6%
Illustrative House
0
.75
1.5
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

123
20.6%
124
51.2%
Augusta
127
52.7%
520
1
25
126
53.3%
Hephzibah
RICHMOND
125
58.6%
Jackson
BURKE
Illustrative House
0
1.5
3
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

COLUMBIA
123
20.6%
Martinez
North Augusta
124
51.2%
Augusta
Thomson
121
24.0%
Grovetown
WARREN
144
50.5%
MCDUFFIE
127
52.7%
RICHMOND
125
58.6%
GLASCOCK
126
53.3%
JEFFERSON
Waynesboro
BURKE
WASHINGTON
128
56.1%
JENKINS
159
29.5%
JOHNSON
EMANUEL
Millen
©2019 CALIPER; ©2018 HERE
Illustrative House
0
5
10
Miles
District by BVAP

121
24.0%
COLUMBIA
Evans
122
14.9%
Martinez
123
20.6%
124
51.2%
Thomson
Grovetown
MCDUFFIE
Dearing
Harlem
127
52.7%
RICHMOND
144
50.5%
WARREN
Hephzibah
Blythe
GLASCOCK
BURKE
125
58.6%
126
53.3%
JEFFERSON
Gibson
Keysville
Illustrative House
0
2.5
5
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

144
50.5%
HANCOCK
GLASCOCK
126
53.3%
45
1%
JEFFERSON
Waynesboro
BALDWIN
BURKE
WASHINGTON
Sandersville
128
56.1%
WILKINSON
JENKINS
Millen
159
29.5%
JOHNSON
149
27.9%
LAURENS
Dublin
Swainsboro
160
28.4%
EMANUEL
146
7.1%
BULLOCH
CANDLER
TREUTLEN
Illustrative House
0 5 10
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

Glenns
Morningside
Lincoln Hills
134
21.6%
Chattahoochee Riv
Laurel Hills
Caroline Park
Lk Somerset
Heards Lk
Crystal Valley
Crystal Lk
Gentian
Cascade Hills
136
60.2%
Moon Lk
North Highlands
Clubview Heights
Woodlawn Estates
Edgewood
City Village
Hilton Heights
East Edgewood
East Highlands
135
51.5%
Columbus
Weracoba Heights
Glen Arden
MUSCOGEE
Dinglewood
Wynnton
Vista Terrace
Linden
Avondale
Girard
Parkchester
Englewood
Brookhaven
Willett
Sunset Terrace
Kaolin
Phenix City
Benning Park
138
52.4%
Pine Hill
©2019 CALIPER; ©2018 HERE
Illustrative House
0
.75
1.5
Miles
District by BVAP

TALBOT
132
46.0%
134
21.6%
80
80
MUSCOGEE
136
60.2%
135
51.5%
CHATTAHOOCHEE
185
27
280
138
52.4%
Illustrative House
0 1 2
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

133
17.9%
HARRIS
TALBOT
132
46.0%
134
21.6%
MUSCOGEE
136
60.2%
135
51.5%
Phenix City
Columbus
Butler
TAYLOR
139
53.0%
MACON
Montezuma
CHATTAHOOCHEE
138
52.4%
MARION
SCHLEY
152
27.1%
STEWART
Richland
WEBSTER
Americus
SUMTER
151
56.6%
154
61.0%
TERRELL
©2019 CALIPER; ©2018 HERE
Illustrative House
0 5 10
Miles
District by BVAP

MERIWETHER
Manchester
Thomaston
UPSON
130
15.5%
131
25.1%
141
26.8%
144
50.5%
Macon
142
62.9%
143
59.0%
BIBB
133
17.9%
132
46.0%
TALBOT
140
25.0%
CRAWFORD
TWIGGS
147
41.1%
Warner Robins
136
60.2%
Butler
TAYLOR
PEACH
Fort Valley
146
27.1%
139
53.0%
Perry
HOUSTON
BLECKLEY
Cochran
138
52.4%
MARION
MACON
Montezuma
148
34.0%
Hawkinsville
SCHLEY
152
27.1%
PULASKI
DOOLY
STEWART
Richland
151
56.6%
SUMTER
Americus
WEBSTER
WILCOX
155
Illustrative House
0 5 10
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

131
25.1%
141
26.8%
JONES
MONROE
Payne
475
142
62.9%
BIBB
75
140
25.0%
CRAWFORD
Illustrative House
0 .75 1.5
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

141
26.8%
JONES
49
129
75
Payne
475
16
129A
•Macon
143
59.0%
142
62.9%
BIBB
140
25.0%
146
27.1%
CRAWFORD
TWIGGS
Illustrative House
0
1.5
3
Miles
District by BVAP
PEACH
147
41.1%
©2019 CALIPER; ©2018 HERE

115
13.2%
093
54.9%
Covington
NEWTON
112
53.6%
Madison
MORGAN
145
21.1%
OGLETHORPE
120
26.2%
GREENE
Greensboro
Washington
WILKES
033
18.4%
LINCOLN
TALIAFERRO
121
24.0%
122
14.9%
MCDUFFIE
Thomson
COLUMBIA
Martinez
124
51.2%
Grovetown
WARREN
144
50.5%
127
52.7%
125
58.6%
RICHMOND
129
21.1%
JASPER
Eatonton
PUTNAM
HANCOCK
GLASCOCK
126
53.3%
JONES
141
26.8%
Milledgeville
BALDWIN
JEFFERSON
Waynesboro
BURKE
131
25.1%
Sandersville
128
56.1%
WASHINGTON
Macon
142
62.9%
143
59.0%
BIBB
WILKINSON
JENKINS
Millen
159
Illustrative House
0
7.5
15
Miles
140
25.0%
146
27.1%
JOHNSON
EMANUEL
158
28.7%
LAURENS
147
41.1%
PEACH
TWIGGS
149
27.9%
District by BVAP
ALIPER; ©2018 HERE

MARION
SCHLEY
139
53.0%
STEWART
Richland
WEBSTER
138
52.4%
Americus
SUMTER
151
56.6%
Eufaula
Georgetown
QUITMAN
152
27.1%
TERRELL
Dawson
Cuthbert
RANDOLPH
154
61.0%
LEE
Leesburg
CLAY
CALHOUN
DOUGHERTY
Albany
153
58.0%
Illustrative House
0
5
10
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

RANDOLPH
TERRELL
LEE
TURNER
CLAY
CALHOUN
DOUGHERTY
Albany
151
56.6%
152
27.1%
Sylvester
WORTH
154
61.0%
Putney
TIFT
155
29.0%
BAKER
EARLY
172
28.0%
Camilla
COLQUITT
Moultrie
MILLER
MITCHELL
153
58.0%
Pelham
Donalsonville
SEMINOLE
171
35.6%
DECATUR
Bainbridge
GRADY
Cairo
THOMAS
Thomasville
173
27.6%
BROOKS
Illustrative House
0 5 10
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

STEWART
151
56.6%
WEBSTER
138
52.4%
CRISP
148
34.0%
Eufaula
Georgetown
QUITMAN
82
520
TERRELL
Dawson
LEE
Cuthbert
RANDOLPH
300
Leesburg
152
27.1%
WORTH
431
Abbeville
CLAY
CALHOUN
Albany
82
DOUGHERTY
234
62
154
61.0%
Putney
216
155
29.0%
BAKER
Blakely
Headland
EARLY
95
52
MITCHELL
172
28.0%
Camilla
COLQUITT
Illustrative House
153
58.0%
19
0
5
10
Pelham
Miles
MILLER
84
District by BVAP
©2019 CALIPER; ©2018 HERE

EFFINGHAM
95
30
21
Port Wentworth
162
51.1%
Bloomingdale
Pooler
161
16.5%
Garden City
95
516
Savannah
CHATHAM
16
164
27.8%
163
44.3%
©2019 CALIPER; ©2018 HER
Illustrative House
0
1.5
3
Miles
165
45.6%
166
10.5%
District by BVAP

LANIER
175
20.9%
LOWNDES
177
51.6%
BROOKS
Remerton
Valdosta
173
27.6%
75
84
38
221
©2019 CALIPER; ©2018 HERE
Illustrative House
0 1 2
Miles
District by BVAP

EXHIBIT AB-1

Fairburn
FULTON
065
64.7%
074
70.5%
CLAYTON
077
76.1%
078
55.1%
Stockbridge
Jonesboro
064
64.8%
075
68.0%
109
55.9%
090
75.0%
Tyrone
063
66.1%
Fayetteville
Bonanza
McDonough
111
55.8%
Lovejoy
Blacksville
HENRY
FAYETTE
Peachtree City
Hampton
072
9.5%
Woolsey
073
60.6%
Sharpsburg
Turin
Sunny Side
Heron Bay
110
52.4%
COWETA
071
9.6%
Senoia
Brooks
SPALDING
Experiment
130
15.5%
Griffin
East Griffin
©2018 HERE
Georgia House
Illustrative
0
2
4
Miles
District by BVAP

EXHIBIT AB-2

Georgia House
2021_
0 2 4
Miles
District by BVAP
065
62.0%
067
58.9%
077
76.1%
079
71.6%
076
67.2%
091
70.0%
068
55.7%
069
63.6%
075
74.4%
078
71.6%
116
58.1%
115
52.1%
073
12.1%
070
7.8%
074
25.5%
117
36.6%
136
28.7%
134
33.6%
118
23.6
FULTON
CLAYTON
ROCKDALE
FAYETTE
HENRY
COWETA
SPALDING
BUTTS
Union City
Fairburn
Morrow
Stockbridge
Palmetto
Jonesboro
Tyrone
Bonanza
Fayetteville
McDonough
Blacksville
Lovejoy
Peachtree City
Hampton
Woolsey
Sharpsburg
Turin
Sunny Side
Heron Bay
Locust Grove
Senoia
Brooks
Experiment
Griffin
East Griffin
Haralson
©2019 CALIPER; ©2018 HERE

EXHIBIT AC-1

075
68.0%
Bonanza
CLAYTON
Fayetteville
063
66.1%
Lovejoy
090
75.0%
McDonough
Blacksville
112
53.6%
NEWTON
129
21.1%
HENRY
Hampton
FAYETTE
Woolsey
073
60.6%
111
55.8%
JASPER
072
9.5%
Sunny Side
Heron Bay
Locust Grove
110
52.4%
Jenkinsburg
Jackson
SPALDING
Experiment
19
Griffin
East Griffin
16
Flovilla
BUTTS
75
41
Orchard Hill
Williamson
131
25.1%
PIKE
130
15.5%
LAMAR
MONROE
Milner
Hilltop
Zebulon
©2019 CALIPER; ©2018 HERE
Georgia House
Illustrative
0
2.5
5
Miles
District by BVAP

EXHIBIT AC-2

Georgia House
2021_
0 2.5 5
Miles
District by BVAP
069
63.6%
075
74.4%
078
71.6%
116
58.1%
115
52.1%
113
59.5%
073
2.1%
074
25.5%
117
36.6%
118
23.6%
134
33.6%
135
23.8%
144
29.3%
NEWTON
CLAYTON
HENRY
FAYETTE
JASPER
BUTTS
SPALDING
PIKE
LAMAR
MONROE
Bonanza
Fayetteville
Lovejoy
McDonough
Blacksville
Hampton
Woolsey
Sunny Side
Heron Bay
Locust Grove
Jenkinsburg
Jackson
Brooks
Experiment
Griffin
East Griffin
Flovilla
Orchard Hill
Williamson
Milner
Hilltop
Concord
Zebulon
19
16
41
75
©2019 CALIPER; ©2018 HERE

EXHIBIT AD-1

Georgia House
Illustrative
0 7.5 15
Miles
District by BVAP
114 21.6%
119 7.8%
120 26.2%
033 18.4%
145 21.1%
093 54.9%
112 53.6%
121 24.0%
122 14.9%
123 20.6%
124 51.2%
129 21.1%
144 50.5%
127 52.7%
125 58.6%
126 53.3%
141 26.8%
128 56.1%
143 59.0%
146 27.1%
147 41.1%
149 27.9%
158 28.7%
OGLETHORPE
WILKES
LINCOLN
GREENE
TALIAFERRO
MORGAN
MCDUFFIE
WARREN
RICHMOND
JASPER
PUTNAM
HANCOCK
GLASCOCK
JEFFERSON
BURKE
JONES
BALDWIN
WASHINGTON
WILKINSON
JENKINS
TWIGGS
JOHNSON
EMANUEL
Madison
Greensboro
Thomson
Grovetown
Augusta
Martinez
Eatonton
Milledgeville
Sandersville
Waynesboro
Swainsboro
Washington
Edgefield
Macon
©2019 CALIPER; ©2018 HERE

EXHIBIT AD-2

Georgia House
2021_
District by BVAP
0 7.5 15
Miles
112 19.2%
WALTON
121 9.6%
OGLETHORPE
Washington
123 24.3%
WILKES
LINCOLN
Edgefield
MORGAN
Madison
GREENE
Greensboro
114 24.7%
124 25.6%
TALIAFERRO
125 23.7%
COLUMBIA
MCDUFFIE
Thomson
Augusta
Grovetown
RICHMOND
130 59.9%
WARREN
JASPER
Eatonton
PUTNAM
118 23.6%
HANCOCK
128 50.4%
GLASCOCK
JEFFERSON
132 52.3%
BALDWIN
Milledgeville
144 29.3%
JONES
133 36.8%
Sandersville
WASHINGTON
Waynesboro
BURKE
126 54.5%
JENKINS
Millen
Macon
142 59.5%
143 60.8%
WILKINSON
149 32.1%
BIBB
TWIGGS
JOHNSON
155 35.9%
EMANUEL
158 31.2%
159 24.5%
147 30.1%
Warner Robins
LAURENS
Swainsboro
BULLOCH
©2019 CALIPER; ©2018 HERE

EXHIBIT AE-1

151
56.6%
Richland
STEWART
WEBSTER
138
52.4%
SUMTER
139
53.0%
DODGE
148
34.0%
CRISP
WILCOX
149
27.9%
TELFAIR
152
27.1%
520
82
TERRELL
Dawson
Cuthbert
RANDOLPH
LEE
Leesburg
300
TURNER
Ashburn
BEN HILL
Fitzgerald
155
29.0%
IRWIN
CLAY
CALHOUN
234
Albany
DOUGHERTY
62
Sylvester
TIFT
COFFEE
154
61.0%
Putney
WORTH
Tifton
176
25.7%
216
Blakely
BAKER
172
28.0%
82
EARLY
153
58.0%
Camilla
170
19.6%
RIEN
COLQUITT
Nashville
Moultrie
MILLER
Adel
MITCHELL
Pelham
COOK
75
319
Donalsonville
171
35.6%
19
Georgia House
Illustrative
0
7.5
15
Miles
SEMINOLE
DECATUR
THOMAS
BROOKS
Bainbridge
GRADY
84
Cairo
35
173
27.6%
27
Thomasville
District by BVAP
©2019 CALIPER; ©2018 HERE

EXHIBIT AF-1

User:
Plan Name: **Ga_House_Illustrative_Plan**
Plan Type:

Political Subdivison Splits Between Districts

Thursday, January 6, 2022 8:45 AM

Split Counts

Number of subdivisions split into more than one district:		Number of splits involving no population:	
County	74	County	0

Number of times a subdivision is split into multiple districts:

County	206
Voting District	278

County	District	Population
Split Counties:		
Appling GA	156	8,078
Appling GA	178	10,366
Baldwin GA	144	26,814
Baldwin GA	145	16,985
Barrow GA	114	29,368
Barrow GA	116	40,657
Barrow GA	119	13,480
Bartow GA	014	44,612
Bartow GA	015	59,492
Bartow GA	036	4,797
Bibb GA	140	6,329
Bibb GA	141	31,288
Bibb GA	142	59,571
Bibb GA	143	60,158
Bryan GA	157	31,000
Bryan GA	164	13,738
Bulloch GA	158	14,375
Bulloch GA	160	60,376
Bulloch GA	164	6,348
Burke GA	126	20,345
Burke GA	128	4,251
Butts GA	129	11,561
Butts GA	131	13,873
Carroll GA	016	5,253
Carroll GA	018	59,116
Carroll GA	068	45,287
Carroll GA	069	9,492
Catoosa GA	002	7,673
Catoosa GA	003	60,199
Charlton GA	174	10,904
Charlton GA	180	1,614
Chatham GA	161	18,589
Chatham GA	162	58,812

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Chatham GA	163	60,132
Chatham GA	164	38,620
Chatham GA	165	58,747
Chatham GA	166	60,391
Chattooga GA	002	7,303
Chattooga GA	012	17,662
Cherokee GA	011	26,562
Cherokee GA	020	59,666
Cherokee GA	021	60,270
Cherokee GA	023	60,197
Cherokee GA	169	59,925
Clarke GA	117	48,704
Clarke GA	118	60,268
Clarke GA	120	19,699
Clayton GA	062	6,868
Clayton GA	073	37,295
Clayton GA	074	58,666
Clayton GA	075	58,818
Clayton GA	076	44,724
Clayton GA	077	58,912
Clayton GA	078	18,396
Clayton GA	109	13,916
Cobb GA	017	8,063
Cobb GA	034	58,806
Cobb GA	035	59,432
Cobb GA	036	53,951
Cobb GA	037	58,759
Cobb GA	038	58,628
Cobb GA	039	59,217
Cobb GA	040	30,828
Cobb GA	041	58,750
Cobb GA	042	59,492
Cobb GA	043	58,895
Cobb GA	044	58,816
Cobb GA	045	38,002
Cobb GA	046	60,086
Cobb GA	053	44,424
Coffee GA	155	3,595
Coffee GA	176	39,497
Columbia GA	121	51,535
Columbia GA	122	58,712
Columbia GA	123	45,763
Coweta GA	069	26,292
Coweta GA	070	59,744
Coweta GA	071	60,122
Crawford GA	139	5,687
Crawford GA	140	6,443

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
DeKalb GA	079	58,770
DeKalb GA	080	59,573
DeKalb GA	081	42,476
DeKalb GA	082	59,452
DeKalb GA	083	58,898
DeKalb GA	084	58,670
DeKalb GA	085	58,922
DeKalb GA	086	59,065
DeKalb GA	087	59,585
DeKalb GA	088	37,209
DeKalb GA	089	59,915
DeKalb GA	090	38,397
DeKalb GA	091	45,171
DeKalb GA	092	59,982
DeKalb GA	094	8,297
Dougherty GA	151	41,723
Dougherty GA	153	20,758
Dougherty GA	154	23,309
Douglas GA	061	33,185
Douglas GA	065	12,451
Douglas GA	066	51,285
Douglas GA	067	33,805
Douglas GA	068	13,511
Effingham GA	159	24,580
Effingham GA	161	40,189
Emanuel GA	158	9,800
Emanuel GA	159	12,968
Fayette GA	063	34,836
Fayette GA	064	25,702
Fayette GA	072	58,656
Floyd GA	005	1,448
Floyd GA	012	41,214
Floyd GA	013	55,922
Forsyth GA	024	60,138
Forsyth GA	025	59,131
Forsyth GA	026	58,847
Forsyth GA	027	1,312
Forsyth GA	097	12,284
Forsyth GA	137	59,571
Fulton GA	022	58,963
Fulton GA	040	28,259
Fulton GA	045	20,710
Fulton GA	047	59,665
Fulton GA	048	59,887
Fulton GA	049	58,771
Fulton GA	050	12,563
Fulton GA	051	60,227

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Fulton GA	052	60,265
Fulton GA	053	14,406
Fulton GA	054	59,230
Fulton GA	055	59,073
Fulton GA	056	59,420
Fulton GA	057	59,610
Fulton GA	058	59,735
Fulton GA	059	58,942
Fulton GA	060	59,197
Fulton GA	061	26,481
Fulton GA	062	52,516
Fulton GA	063	23,970
Fulton GA	064	33,449
Fulton GA	065	46,469
Fulton GA	066	9,062
Fulton GA	067	25,840
Glynn GA	167	21,219
Glynn GA	179	59,502
Glynn GA	180	3,778
Grady GA	171	21,867
Grady GA	173	4,369
Gwinnett GA	050	46,621
Gwinnett GA	081	16,712
Gwinnett GA	088	21,496
Gwinnett GA	094	50,987
Gwinnett GA	095	58,825
Gwinnett GA	096	58,713
Gwinnett GA	097	46,487
Gwinnett GA	098	46,390
Gwinnett GA	099	58,815
Gwinnett GA	100	58,895
Gwinnett GA	101	60,372
Gwinnett GA	102	59,365
Gwinnett GA	103	59,725
Gwinnett GA	104	58,654
Gwinnett GA	105	58,966
Gwinnett GA	106	58,654
Gwinnett GA	107	59,972
Gwinnett GA	108	58,895
Gwinnett GA	116	18,518
Habersham GA	010	22,398
Habersham GA	028	23,633
Hall GA	010	14,042
Hall GA	027	58,514
Hall GA	029	58,965
Hall GA	030	59,376
Hall GA	098	12,239

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Henry GA	073	15,552
Henry GA	076	15,389
Henry GA	078	40,652
Henry GA	090	15,884
Henry GA	109	46,209
Henry GA	110	23,709
Henry GA	111	59,060
Henry GA	129	24,257
Houston GA	140	35,208
Houston GA	146	39,667
Houston GA	147	60,203
Houston GA	148	28,555
Jackson GA	031	59,858
Jackson GA	117	11,264
Jackson GA	119	4,785
Jeff Davis GA	149	7,904
Jeff Davis GA	156	6,875
Jefferson GA	126	7,976
Jefferson GA	128	7,733
Johnson GA	128	6,076
Johnson GA	158	3,113
Laurens GA	128	21,730
Laurens GA	149	20,087
Laurens GA	158	7,753
Liberty GA	157	5,486
Liberty GA	168	59,770
Lowndes GA	173	11,611
Lowndes GA	175	46,752
Lowndes GA	177	59,888
Madison GA	032	897
Madison GA	033	29,223
McDuffie GA	121	7,521
McDuffie GA	127	14,111
Murray GA	004	6,097
Murray GA	006	30,431
Murray GA	007	3,445
Muscogee GA	134	60,267
Muscogee GA	135	60,394
Muscogee GA	136	60,319
Muscogee GA	138	25,942
Newton GA	093	22,158
Newton GA	112	60,318
Newton GA	113	25,448
Newton GA	129	4,559
Paulding GA	017	50,739
Paulding GA	019	58,641
Paulding GA	150	59,281

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Peach GA	139	15,754
Peach GA	140	12,227
Polk GA	013	4,131
Polk GA	014	14,698
Polk GA	016	24,024
Putnam GA	144	7,835
Putnam GA	145	14,212
Richmond GA	123	13,551
Richmond GA	124	59,743
Richmond GA	125	60,329
Richmond GA	126	28,114
Richmond GA	127	44,870
Rockdale GA	090	6,091
Rockdale GA	091	15,219
Rockdale GA	093	38,102
Rockdale GA	113	34,158
Spalding GA	073	7,517
Spalding GA	110	36,624
Spalding GA	129	4,059
Spalding GA	130	19,106
Stephens GA	028	17,392
Stephens GA	032	9,392
Sumter GA	138	17,047
Sumter GA	151	1,671
Sumter GA	152	10,898
Talbot GA	132	5,416
Talbot GA	138	317
Tattnall GA	156	9,717
Tattnall GA	157	13,125
Thomas GA	153	17,802
Thomas GA	173	27,996
Tift GA	155	4,093
Tift GA	170	24,034
Tift GA	172	13,217
Troup GA	069	12,338
Troup GA	132	32,744
Troup GA	133	24,344
Upson GA	130	21,592
Upson GA	139	6,108
Walker GA	001	43,186
Walker GA	002	24,468
Walton GA	114	30,092
Walton GA	115	59,186
Walton GA	145	7,395
Ware GA	174	23,895
Ware GA	176	12,356
Wayne GA	167	11,105

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Wayne GA	178	19,039
White GA	008	5,357
White GA	010	22,646
Whitfield GA	002	20,506
Whitfield GA	004	53,618
Whitfield GA	006	28,740
Wilcox GA	148	1,030
Wilcox GA	155	7,736
Wilkes GA	033	3,036
Wilkes GA	120	6,529
Worth GA	152	11,775
Worth GA	155	9,009
Split VTDs:		
Appling GA	156	3,560
Appling GA	178	3
Baldwin GA	144	1,306
Baldwin GA	145	337
Baldwin GA	144	348
Baldwin GA	145	3,316
Baldwin GA	144	364
Baldwin GA	145	4,528
Baldwin GA	144	1,417
Baldwin GA	145	1,947
Baldwin GA	144	3,443
Baldwin GA	145	263
Baldwin GA	144	0
Baldwin GA	145	2,631
Barrow GA	114	3,331
Barrow GA	119	1,441
Barrow GA	114	4,628
Barrow GA	116	1,350
Barrow GA	114	1,280
Barrow GA	116	3,104
Bartow GA	014	4,660
Bartow GA	015	5,708
Bartow GA	014	16,566
Bartow GA	015	39
Bartow GA	014	5,753
Bartow GA	015	7
Bartow GA	014	2,236
Bartow GA	015	25
Bartow GA	036	344
Bibb GA	142	1,777
Bibb GA	143	9,157
Bibb GA	141	4,677
Bibb GA	142	1,266
Bibb GA	140	1,051

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Bibb GA	142	2,418
Bryan GA	157	2,342
Bryan GA	164	1,291
Bryan GA	157	1,480
Bryan GA	164	1,439
Bulloch GA	158	2,073
Bulloch GA	160	10,606
Bulloch GA	158	45
Bulloch GA	160	2,562
Bulloch GA	158	858
Bulloch GA	160	657
Bulloch GA	160	1,049
Bulloch GA	164	2,128
Burke GA	126	3,371
Burke GA	128	1,160
Butts GA	129	11,561
Butts GA	131	13,873
Chatham GA	164	6,491
Chatham GA	166	1,863
Chatham GA	161	3,060
Chatham GA	164	1,794
Chatham GA	163	349
Chatham GA	166	3,278
Chatham GA	164	1,519
Chatham GA	166	4,043
Chatham GA	163	332
Chatham GA	165	2,049
Chatham GA	163	1,613
Chatham GA	166	3,310
Chatham GA	163	2,625
Chatham GA	166	146
Chatham GA	163	2,292
Chatham GA	166	527
Cherokee GA	020	1,844
Cherokee GA	023	3,527
Cherokee GA	021	243
Cherokee GA	169	5,261
Cherokee GA	021	149
Cherokee GA	023	6,236
Cherokee GA	011	8,887
Cherokee GA	023	4,027
Cherokee GA	011	5,281
Cherokee GA	169	1,218
Cherokee GA	020	133
Cherokee GA	021	9,885
Cherokee GA	020	2,462
Cherokee GA	021	1,388

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Cherokee GA	011	1,257
Cherokee GA	023	1,998
Cherokee GA	011	1,690
Cherokee GA	021	1,204
Cherokee GA	023	10,189
Cherokee GA	021	318
Cherokee GA	023	2,677
Cherokee GA	169	4,972
Clarke GA	117	414
Clarke GA	118	4,066
Clarke GA	117	0
Clarke GA	118	12,671
Clayton GA	074	5,659
Clayton GA	075	3,109
Clayton GA	074	1,469
Clayton GA	075	1,151
Clayton GA	075	5,775
Clayton GA	109	187
Clayton GA	074	601
Clayton GA	076	5,159
Clayton GA	075	2,143
Clayton GA	078	1,084
Clayton GA	074	1,753
Clayton GA	077	2,950
Cobb GA	035	3,155
Cobb GA	044	954
Cobb GA	045	1,650
Cobb GA	046	2,209
Cobb GA	042	12,920
Cobb GA	053	481
Cobb GA	041	8,663
Cobb GA	042	4,037
Cobb GA	039	7,665
Cobb GA	040	1,882
Cobb GA	034	2,972
Cobb GA	035	0
Cobb GA	044	1,471
Cobb GA	034	9,502
Cobb GA	035	0
Cobb GA	039	4,878
Cobb GA	040	484
Cobb GA	041	898
Cobb GA	039	4,044
Cobb GA	041	25
Cobb GA	039	1,005
Cobb GA	041	823
Cobb GA	037	234

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Cobb GA	042	9,760
Cobb GA	034	1,950
Cobb GA	037	525
Cobb GA	034	1,844
Cobb GA	037	7,055
Cobb GA	037	689
Cobb GA	042	2,294
Cobb GA	043	1,351
Cobb GA	042	5,515
Cobb GA	043	1,396
Cobb GA	035	185
Cobb GA	036	4,776
Cobb GA	043	2,827
Cobb GA	045	951
Cobb GA	040	3,792
Cobb GA	041	45
Cobb GA	053	774
Cobb GA	034	0
Cobb GA	037	12,064
Cobb GA	041	924
Cobb GA	034	4,405
Cobb GA	037	500
Cobb GA	038	5,005
Cobb GA	039	9
Cobb GA	042	815
Cobb GA	043	6,122
Cobb GA	041	1,308
Cobb GA	053	8,484
Cobb GA	040	350
Cobb GA	041	7,858
Cobb GA	041	2,067
Cobb GA	053	4,922
Cobb GA	040	810
Cobb GA	053	7,281
Cobb GA	039	0
Cobb GA	040	642
Cobb GA	041	7,953
Cobb GA	042	9,626
Cobb GA	053	17
Cobb GA	040	700
Cobb GA	053	5,110
Cobb GA	040	847
Cobb GA	053	3,355
Columbia GA	122	684
Columbia GA	123	2,647
Columbia GA	121	772
Columbia GA	122	2,323

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Columbia GA	121	811
Columbia GA	122	5,473
Coweta GA	070	15,758
Coweta GA	071	521
Coweta GA	069	2,155
Coweta GA	071	1,475
Crawford GA	139	1,495
Crawford GA	140	695
Crawford GA	139	1,533
Crawford GA	140	929
Crawford GA	139	271
Crawford GA	140	2,284
DeKalb GA	084	3,567
DeKalb GA	085	0
DeKalb GA	086	1,106
DeKalb GA	087	2,743
DeKalb GA	084	2,314
DeKalb GA	085	0
DeKalb GA	090	403
DeKalb GA	091	4,797
DeKalb GA	083	779
DeKalb GA	084	3,624
DeKalb GA	085	403
DeKalb GA	086	14,351
DeKalb GA	079	3,908
DeKalb GA	081	3,992
DeKalb GA	090	768
DeKalb GA	091	3,291
DeKalb GA	083	382
DeKalb GA	084	2,898
DeKalb GA	080	4,945
DeKalb GA	081	854
DeKalb GA	085	415
DeKalb GA	086	6,214
DeKalb GA	086	3,101
DeKalb GA	087	3,876
DeKalb GA	084	934
DeKalb GA	085	1,671
DeKalb GA	085	2,550
DeKalb GA	086	3,331
DeKalb GA	083	1,013
DeKalb GA	089	945
DeKalb GA	084	0
DeKalb GA	085	3,890
DeKalb GA	085	4,163
DeKalb GA	086	1,861
DeKalb GA	086	2,277

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
DeKalb GA	088	433
DeKalb GA	081	752
DeKalb GA	087	4,158
DeKalb GA	087	2,712
DeKalb GA	088	1,317
DeKalb GA	088	694
DeKalb GA	094	3,457
Dougherty GA	151	1,819
Dougherty GA	154	302
Dougherty GA	153	2,035
Dougherty GA	154	148
Dougherty GA	151	3,032
Dougherty GA	153	878
Dougherty GA	153	615
Dougherty GA	154	3,165
Dougherty GA	151	1,796
Dougherty GA	154	166
Douglas GA	061	2,979
Douglas GA	066	1,575
Douglas GA	065	6,145
Douglas GA	068	354
Douglas GA	066	7,208
Douglas GA	068	1,639
Emanuel GA	158	853
Emanuel GA	159	242
Emanuel GA	158	4,998
Emanuel GA	159	7,025
Floyd GA	005	894
Floyd GA	012	1,297
Floyd GA	012	408
Floyd GA	013	1,474
Floyd GA	012	4,296
Floyd GA	013	786
Forsyth GA	024	335
Forsyth GA	137	12,582
Forsyth GA	024	7,920
Forsyth GA	027	1,312
Forsyth GA	026	0
Forsyth GA	137	7,076
Forsyth GA	025	526
Forsyth GA	097	10,026
Forsyth GA	024	2,983
Forsyth GA	026	2,563
Forsyth GA	137	12,914
Forsyth GA	025	19,693
Forsyth GA	097	2,258
Fulton GA	057	4,436

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Fulton GA	059	0
Fulton GA	040	2,709
Fulton GA	055	574
Fulton GA	053	171
Fulton GA	054	640
Fulton GA	055	2,082
Fulton GA	053	1,711
Fulton GA	055	432
Fulton GA	055	1,344
Fulton GA	056	1,268
Fulton GA	055	4,401
Fulton GA	056	723
Fulton GA	055	928
Fulton GA	056	785
Fulton GA	055	340
Fulton GA	061	3,418
Fulton GA	059	803
Fulton GA	060	878
Fulton GA	048	0
Fulton GA	049	7,302
Fulton GA	048	1,303
Fulton GA	049	1,989
Fulton GA	022	2,554
Fulton GA	047	0
Fulton GA	060	3,090
Fulton GA	062	914
Fulton GA	047	3,739
Fulton GA	050	1,318
Fulton GA	049	1,777
Fulton GA	050	2,641
Fulton GA	047	2,389
Fulton GA	049	1,899
Fulton GA	047	1,407
Fulton GA	049	2,672
Fulton GA	048	1,657
Fulton GA	049	1,988
Fulton GA	022	2,152
Fulton GA	047	2,763
Fulton GA	048	1,296
Fulton GA	051	2,573
Fulton GA	022	7,593
Fulton GA	048	343
Fulton GA	049	296
Fulton GA	048	2,300
Fulton GA	051	1,971
Fulton GA	065	1,190
Fulton GA	067	2,844

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Fulton GA	062	44
Fulton GA	067	215
Glynn GA	167	2,071
Glynn GA	179	1,858
Grady GA	171	874
Grady GA	173	1,436
Gwinnett GA	088	2,772
Gwinnett GA	099	2,931
Gwinnett GA	094	4,339
Gwinnett GA	106	1,431
Gwinnett GA	106	3,891
Gwinnett GA	107	121
Gwinnett GA	104	5,206
Gwinnett GA	105	2,106
Gwinnett GA	050	5,030
Gwinnett GA	095	2,607
Gwinnett GA	050	4,452
Gwinnett GA	095	1,063
Gwinnett GA	095	5,610
Gwinnett GA	096	4,665
Gwinnett GA	050	3,389
Gwinnett GA	095	1,426
Gwinnett GA	102	4,961
Gwinnett GA	104	1,211
Gwinnett GA	105	0
Gwinnett GA	050	2,872
Gwinnett GA	100	4,105
Gwinnett GA	094	1,919
Gwinnett GA	106	6,540
Gwinnett GA	098	4,932
Gwinnett GA	103	3,647
Gwinnett GA	050	5,272
Gwinnett GA	097	3,984
Gwinnett GA	097	1,351
Gwinnett GA	098	5,685
Gwinnett GA	050	255
Gwinnett GA	097	5,020
Habersham GA	010	654
Habersham GA	028	2,334
Habersham GA	010	3,683
Habersham GA	028	8,861
Habersham GA	010	1,428
Habersham GA	028	9,231
Hall GA	029	1,976
Hall GA	030	3,509
Hall GA	029	13,214
Hall GA	030	1,135

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Henry GA	090	4,198
Henry GA	109	2,954
Henry GA	109	2,292
Henry GA	111	827
Henry GA	129	3,411
Henry GA	109	1,677
Henry GA	111	2,444
Henry GA	090	17
Henry GA	109	5,952
Henry GA	073	7,823
Henry GA	111	2,631
Henry GA	078	1,536
Henry GA	109	5,733
Henry GA	078	2,361
Henry GA	090	2,907
Henry GA	073	7,729
Henry GA	111	214
Henry GA	111	1,217
Henry GA	129	3,566
Houston GA	146	2,680
Houston GA	147	4,003
Houston GA	140	6,474
Houston GA	148	775
Houston GA	146	8,031
Houston GA	147	1,815
Houston GA	146	2,885
Houston GA	147	14,913
Houston GA	140	1,542
Houston GA	148	19,300
Houston GA	140	369
Houston GA	147	8,749
Houston GA	146	5,586
Houston GA	148	4,039
Jackson GA	031	23,432
Jackson GA	119	951
Jackson GA	031	14,866
Jackson GA	117	4,381
Jackson GA	031	693
Jackson GA	117	6,883
Jackson GA	119	3,834
Jefferson GA	126	889
Jefferson GA	128	4,832
Laurens GA	128	1,456
Laurens GA	149	4,133
Liberty GA	157	843
Liberty GA	168	8,610
Lowndes GA	173	4,399

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Lowndes GA	175	10,755
Lowndes GA	175	14,140
Lowndes GA	177	7,207
Muscogee GA	135	2,669
Muscogee GA	136	2,199
Muscogee GA	136	402
Muscogee GA	138	13,374
Muscogee GA	134	7,922
Muscogee GA	136	2,222
Newton GA	112	4,731
Newton GA	113	2,544
Newton GA	112	1,154
Newton GA	129	3,884
Newton GA	112	4,205
Newton GA	113	331
Newton GA	129	675
Paulding GA	019	916
Paulding GA	150	9,977
Paulding GA	019	12,851
Paulding GA	150	1,145
Paulding GA	017	2,427
Paulding GA	019	1,111
Paulding GA	150	18,616
Putnam GA	144	2,003
Putnam GA	145	3,200
Putnam GA	144	4,783
Putnam GA	145	496
Putnam GA	144	1,049
Putnam GA	145	685
Richmond GA	123	994
Richmond GA	124	2,262
Richmond GA	123	1,981
Richmond GA	127	4,662
Richmond GA	125	3,272
Richmond GA	127	1,659
Richmond GA	123	1,423
Richmond GA	124	1,520
Rockdale GA	090	1,310
Rockdale GA	113	4,727
Rockdale GA	093	3,322
Rockdale GA	113	1,814
Rockdale GA	091	4,936
Rockdale GA	093	0
Rockdale GA	091	1,151
Rockdale GA	093	5,293
Rockdale GA	093	10,575
Rockdale GA	113	392

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Rockdale GA	091	3,730
Rockdale GA	093	1,088
Spalding GA	110	1,020
Spalding GA	129	1,366
Spalding GA	130	586
Spalding GA	110	450
Spalding GA	130	2,620
Spalding GA	073	3,711
Spalding GA	110	10
Spalding GA	073	231
Spalding GA	110	6,661
Spalding GA	110	2,213
Spalding GA	130	1,499
Spalding GA	110	0
Spalding GA	130	2,548
Sumter GA	138	3,517
Sumter GA	152	1
Sumter GA	138	297
Sumter GA	152	2,384
Sumter GA	138	2,040
Sumter GA	152	4,077
Sumter GA	138	373
Sumter GA	151	1,245
Sumter GA	138	5,197
Sumter GA	152	429
Sumter GA	138	632
Sumter GA	151	426
Talbot GA	132	233
Talbot GA	138	317
Tattnall GA	156	722
Tattnall GA	157	3,511
Tattnall GA	156	2,392
Tattnall GA	157	1,578
Tattnall GA	156	1,684
Tattnall GA	157	8
Tattnall GA	156	4,919
Tattnall GA	157	157
Thomas GA	153	1,476
Thomas GA	173	71
Thomas GA	153	2,640
Thomas GA	173	297
Thomas GA	153	238
Thomas GA	173	3,111
Thomas GA	153	569
Thomas GA	173	3,063
Tift GA	155	308
Tift GA	170	2,707

Political Subdivison Splits Between Districts

Ga_House_Illustrative_Plan

County	District	Population
Tift GA	170	1,147
Tift GA	172	960
Tift GA	155	1,509
Tift GA	172	316
Tift GA	155	386
Tift GA	170	5,710
Troup GA	132	2,015
Troup GA	133	3,700
Troup GA	069	2,057
Troup GA	132	2,290
Upson GA	130	7,249
Upson GA	139	4,819
Walton GA	114	887
Walton GA	115	423
Walton GA	145	163
Walton GA	114	4,160
Walton GA	115	1,781
Walton GA	115	1,034
Walton GA	145	507
Wayne GA	167	329
Wayne GA	178	2,932
Whitfield GA	002	791
Whitfield GA	004	1,723
Wilcox GA	148	784
Wilcox GA	155	171
Wilcox GA	148	246
Wilcox GA	155	1,158
Wilkes GA	033	541
Wilkes GA	120	679
Worth GA	152	4,067
Worth GA	155	273
Worth GA	152	118
Worth GA	155	2,015

EXHIBIT AF-2

User:
Plan Name: **Benchmark 2014 Plan**
Plan Type: **Senate**

Political Subdivison Splits Between Districts

Thursday, January 6, 2022 8:55 AM

Split Counts

Number of subdivisions split into more than one district:		Number of splits involving no population:	
County	38	County	0

Number of times a subdivision is split into multiple districts:

County	65
Voting District	136

County	District	Population
Split Counties:		
Bartow GA	14	66,766
Bartow GA	52	42,135
Bibb GA	18	57,255
Bibb GA	25	13,774
Bibb GA	26	86,317
Carroll GA	28	12,484
Carroll GA	30	106,664
Charlton GA	3	9,186
Charlton GA	7	3,332
Chatham GA	1	105,799
Chatham GA	2	189,492
Chattooga GA	52	2,099
Chattooga GA	53	22,866
Cherokee GA	14	113,395
Cherokee GA	21	144,103
Cherokee GA	56	9,122
Clarke GA	46	80,075
Clarke GA	47	48,596
Clayton GA	34	155,066
Clayton GA	44	142,529
Cobb GA	6	112,153
Cobb GA	14	21,460
Cobb GA	32	166,845
Cobb GA	33	194,620
Cobb GA	37	192,450
Cobb GA	38	78,621
Columbia GA	23	34,830
Columbia GA	24	121,180
DeKalb GA	10	91,065
DeKalb GA	40	154,756
DeKalb GA	41	139,553
DeKalb GA	42	188,406
DeKalb GA	43	51,713

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
DeKalb GA	44	55,842
DeKalb GA	55	83,047
Douglas GA	30	38,405
Douglas GA	35	105,832
Emanuel GA	4	15,972
Emanuel GA	23	6,796
Fayette GA	16	80,417
Fayette GA	34	38,777
Forsyth GA	27	247,844
Forsyth GA	51	3,439
Fulton GA	6	98,379
Fulton GA	21	69,557
Fulton GA	28	2,645
Fulton GA	32	24,975
Fulton GA	35	101,619
Fulton GA	36	194,797
Fulton GA	38	115,726
Fulton GA	39	205,632
Fulton GA	40	10,084
Fulton GA	48	63,353
Fulton GA	56	179,943
Gordon GA	52	36,593
Gordon GA	54	20,951
Gwinnett GA	5	196,143
Gwinnett GA	9	208,385
Gwinnett GA	40	30,729
Gwinnett GA	41	56,587
Gwinnett GA	45	214,703
Gwinnett GA	48	134,053
Gwinnett GA	55	116,462
Hall GA	49	196,756
Hall GA	50	6,380
Henry GA	10	98,285
Henry GA	17	142,427
Houston GA	18	28,294
Houston GA	20	122,866
Houston GA	26	12,473
Jackson GA	47	39,860
Jackson GA	50	36,047
Jones GA	25	10,646
Jones GA	26	17,701
Liberty GA	1	48,350
Liberty GA	19	16,906
Mitchell GA	11	10,482
Mitchell GA	12	11,273
Muscogee GA	15	120,417
Muscogee GA	29	86,505

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
Newton GA	17	42,844
Newton GA	43	69,639
Paulding GA	30	40,559
Paulding GA	31	128,102
Pickens GA	51	20,594
Pickens GA	54	12,622
Richmond GA	22	177,079
Richmond GA	23	28,691
Richmond GA	24	837
Rockdale GA	17	18,357
Rockdale GA	43	75,213
Sumter GA	12	22,647
Sumter GA	13	6,969
Tattnall GA	4	9,697
Tattnall GA	19	13,145
Thomas GA	8	7,615
Thomas GA	11	38,183
Troup GA	28	21,060
Troup GA	29	48,366
Walton GA	25	14,790
Walton GA	46	81,883
Wilcox GA	7	4,634
Wilcox GA	13	4,132
Split VTDs:		
Bartow GA	14	7,937
Bartow GA	52	2,431
Bartow GA	14	0
Bartow GA	52	11,544
Bartow GA	14	55
Bartow GA	52	4,398
Bartow GA	14	0
Bartow GA	52	5,760
Bibb GA	18	0
Bibb GA	26	7,233
Bibb GA	18	3,716
Bibb GA	25	8,938
Bibb GA	18	2,840
Bibb GA	26	1,941
Carroll GA	28	2,102
Carroll GA	30	2,084
Carroll GA	28	0
Carroll GA	30	6,319
Charlton GA	3	250
Charlton GA	7	796
Charlton GA	3	74
Charlton GA	7	299
Chatham GA	1	4,854

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
Chatham GA	2	0
Chatham GA	1	10,322
Chatham GA	2	0
Chatham GA	1	136
Chatham GA	2	11,852
Chatham GA	1	1,940
Chatham GA	2	1,221
Cherokee GA	14	2,161
Cherokee GA	21	3,210
Cherokee GA	14	235
Cherokee GA	21	5,348
Cherokee GA	21	896
Cherokee GA	56	9,122
Clayton GA	34	0
Clayton GA	44	5,962
Clayton GA	34	0
Clayton GA	44	5,626
Cobb GA	14	4,918
Cobb GA	32	3,763
Cobb GA	6	13,386
Cobb GA	33	15
Cobb GA	33	1,395
Cobb GA	37	2,527
Cobb GA	32	3,257
Cobb GA	33	1,944
Cobb GA	33	465
Cobb GA	37	5,405
Cobb GA	32	2,462
Cobb GA	33	1,956
Cobb GA	14	599
Cobb GA	37	3,844
Cobb GA	14	0
Cobb GA	37	9,502
Cobb GA	33	3,613
Cobb GA	38	2,070
Cobb GA	33	5,734
Cobb GA	37	0
Cobb GA	6	4,288
Cobb GA	33	5,706
Cobb GA	33	2,163
Cobb GA	37	312
Cobb GA	33	8,899
Cobb GA	37	0
Cobb GA	33	3,175
Cobb GA	37	1,586
Cobb GA	32	1,996
Cobb GA	33	2,558

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
Cobb GA	6	2,819
Cobb GA	33	4,092
Cobb GA	33	4,563
Cobb GA	37	0
Cobb GA	6	6,108
Cobb GA	38	18
Cobb GA	6	0
Cobb GA	38	7,801
Cobb GA	6	3,998
Cobb GA	38	613
Cobb GA	6	1,580
Cobb GA	33	11,408
Cobb GA	33	6,498
Cobb GA	37	0
Cobb GA	14	1,785
Cobb GA	32	1,900
Cobb GA	6	9,407
Cobb GA	38	385
Cobb GA	6	3,009
Cobb GA	38	5,199
Cobb GA	6	6,937
Cobb GA	33	52
Cobb GA	6	7,365
Cobb GA	38	726
Cobb GA	6	5,076
Cobb GA	32	4,735
Cobb GA	14	6,409
Cobb GA	37	0
Columbia GA	23	3,125
Columbia GA	24	24
Columbia GA	23	0
Columbia GA	24	2,945
Columbia GA	23	6,021
Columbia GA	24	18
DeKalb GA	41	277
DeKalb GA	42	3,290
DeKalb GA	42	0
DeKalb GA	44	3,608
DeKalb GA	41	14,754
DeKalb GA	42	0
DeKalb GA	41	2,485
DeKalb GA	42	0
DeKalb GA	40	2,899
DeKalb GA	42	10,190
DeKalb GA	42	4,553
DeKalb GA	44	398
DeKalb GA	10	7,575

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
DeKalb GA	43	0
DeKalb GA	41	1,304
DeKalb GA	42	4,577
DeKalb GA	10	6,326
DeKalb GA	55	35
DeKalb GA	43	3,296
DeKalb GA	55	460
DeKalb GA	42	0
DeKalb GA	44	3,001
DeKalb GA	43	193
DeKalb GA	55	2,871
DeKalb GA	43	5,432
DeKalb GA	55	0
DeKalb GA	42	0
DeKalb GA	44	2,987
DeKalb GA	40	831
DeKalb GA	41	4,079
DeKalb GA	10	0
DeKalb GA	43	4,576
Fayette GA	16	3,730
Fayette GA	34	9
Forsyth GA	27	6,673
Forsyth GA	51	3,439
Fulton GA	38	867
Fulton GA	39	0
Fulton GA	6	6,397
Fulton GA	39	0
Fulton GA	21	5,975
Fulton GA	48	46
Fulton GA	21	2,488
Fulton GA	56	0
Fulton GA	21	72
Fulton GA	48	1,344
Fulton GA	48	0
Fulton GA	56	4,390
Fulton GA	28	208
Fulton GA	35	287
Fulton GA	28	991
Fulton GA	35	0
Fulton GA	36	1,672
Fulton GA	39	0
Fulton GA	36	5
Fulton GA	39	0
Fulton GA	36	0
Fulton GA	39	914
Fulton GA	36	0
Fulton GA	39	6,508

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
Fulton GA	36	0
Fulton GA	39	1,815
Fulton GA	21	0
Fulton GA	48	4,079
Fulton GA	40	0
Fulton GA	56	2,120
Fulton GA	40	0
Fulton GA	56	3,258
Fulton GA	40	0
Fulton GA	56	4,302
Fulton GA	35	53
Fulton GA	39	5,294
Fulton GA	35	14,076
Fulton GA	39	7
Fulton GA	35	4,388
Fulton GA	39	3
Gordon GA	52	730
Gordon GA	54	1,950
Gwinnett GA	9	6,326
Gwinnett GA	55	0
Gwinnett GA	9	9,916
Gwinnett GA	55	0
Gwinnett GA	9	13
Gwinnett GA	41	11,832
Gwinnett GA	9	2,144
Gwinnett GA	41	597
Gwinnett GA	9	0
Gwinnett GA	55	6,264
Gwinnett GA	9	2,296
Gwinnett GA	55	3,412
Gwinnett GA	9	0
Gwinnett GA	55	4,391
Gwinnett GA	45	27
Gwinnett GA	48	9,374
Gwinnett GA	5	4,670
Gwinnett GA	9	303
Gwinnett GA	9	2,677
Gwinnett GA	45	3,198
Gwinnett GA	5	4,472
Gwinnett GA	41	4,639
Gwinnett GA	5	32
Gwinnett GA	40	8,268
Gwinnett GA	5	6,633
Gwinnett GA	48	25
Gwinnett GA	5	8,302
Gwinnett GA	40	4
Gwinnett GA	9	0

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
Gwinnett GA	55	6,339
Gwinnett GA	9	0
Gwinnett GA	55	7,169
Gwinnett GA	9	1,298
Gwinnett GA	45	7,338
Gwinnett GA	45	2,772
Gwinnett GA	48	0
Gwinnett GA	45	5,275
Gwinnett GA	48	0
Hall GA	49	0
Hall GA	50	1,826
Hall GA	49	9,795
Hall GA	50	4,554
Houston GA	18	7,590
Houston GA	20	6,770
Houston GA	26	1,031
Houston GA	18	3,279
Houston GA	26	169
Houston GA	18	1,964
Houston GA	20	4,561
Houston GA	26	11,273
Houston GA	18	3,577
Houston GA	20	5,541
Jackson GA	47	7,583
Jackson GA	50	16,800
Muscogee GA	15	4,114
Muscogee GA	29	5,033
Muscogee GA	15	5,139
Muscogee GA	29	2,784
Muscogee GA	15	6,170
Muscogee GA	29	1,870
Paulding GA	30	7,586
Paulding GA	31	2,162
Paulding GA	30	8,647
Paulding GA	31	5,349
Richmond GA	22	0
Richmond GA	23	1,114
Richmond GA	22	0
Richmond GA	23	2,013
Richmond GA	22	0
Richmond GA	23	4,853
Richmond GA	22	23
Richmond GA	23	3,807
Sumter GA	12	153
Sumter GA	13	2,528
Sumter GA	12	6,105
Sumter GA	13	12

Political Subdivison Splits Between Districts

Enacted Senate B-V-C

County	District	Population
Sumter GA	12	5,204
Sumter GA	13	422
Tattnall GA	4	21
Tattnall GA	19	1,671
Tattnall GA	4	1,708
Tattnall GA	19	3,368
Thomas GA	8	3,208
Thomas GA	11	11
Thomas GA	8	8
Thomas GA	11	2,823
Wilcox GA	7	1,245
Wilcox GA	13	335

EXHIBIT AF-3

User:
Plan Name: **GA_2021_House**
Plan Type:

Political Subdivison Splits Between Districts

Thursday, January 6, 2022 9:04 AM

Split Counts

Number of subdivisions split into more than one district:

County	70

Number of splits involving no population:

County	2

Number of times a subdivision is split into multiple districts:

County	211
Voting District	210

County	District	Population
Split Counties:		
Appling GA	157	12,825
Appling GA	178	5,619
Baldwin GA	128	5,158
Baldwin GA	133	38,641
Barrow GA	104	24,245
Barrow GA	119	54,736
Barrow GA	120	4,524
Bartow GA	14	49,688
Bartow GA	15	59,213
Ben Hill GA	148	5,115
Ben Hill GA	156	12,079
Bibb GA	142	59,608
Bibb GA	143	59,469
Bibb GA	144	33,948
Bibb GA	145	4,321
Bryan GA	160	11,008
Bryan GA	164	21,420
Bryan GA	166	12,310
Bulloch GA	158	19,285
Bulloch GA	159	12,887
Bulloch GA	160	48,927
Burke GA	126	24,596
Burke GA	132	0
Carroll GA	18	18,789
Carroll GA	70	2,854
Carroll GA	71	59,538
Carroll GA	72	37,967
Catoosa GA	2	7,673
Catoosa GA	3	60,199
Chatham GA	161	28,269
Chatham GA	162	60,308
Chatham GA	163	60,123
Chatham GA	164	38,681

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Chatham GA	165	59,978
Chatham GA	166	47,932
Cherokee GA	11	6,557
Cherokee GA	14	9,447
Cherokee GA	20	60,107
Cherokee GA	21	59,529
Cherokee GA	22	30,874
Cherokee GA	23	59,048
Cherokee GA	44	21,989
Cherokee GA	46	15,178
Cherokee GA	47	3,891
Clarke GA	120	30,095
Clarke GA	121	26,478
Clarke GA	122	59,632
Clarke GA	124	12,466
Clayton GA	75	59,743
Clayton GA	76	59,759
Clayton GA	77	59,242
Clayton GA	78	55,197
Clayton GA	79	59,500
Clayton GA	116	4,154
Cobb GA	22	28,586
Cobb GA	34	59,875
Cobb GA	35	59,889
Cobb GA	36	59,994
Cobb GA	37	59,176
Cobb GA	38	59,317
Cobb GA	39	59,381
Cobb GA	40	59,044
Cobb GA	41	60,122
Cobb GA	42	59,620
Cobb GA	43	59,464
Cobb GA	44	38,013
Cobb GA	45	59,738
Cobb GA	46	43,930
Coffee GA	169	33,736
Coffee GA	176	9,356
Columbia GA	123	2,205
Columbia GA	125	55,389
Columbia GA	127	39,526
Columbia GA	131	58,890
Cook GA	170	7,342
Cook GA	172	9,887
Coweta GA	65	13,008
Coweta GA	67	17,272
Coweta GA	70	56,267
Coweta GA	73	31,608

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Coweta GA	136	28,003
Dawson GA	7	2,409
Dawson GA	9	24,389
DeKalb GA	52	28,300
DeKalb GA	80	59,461
DeKalb GA	81	59,007
DeKalb GA	82	59,724
DeKalb GA	83	59,416
DeKalb GA	84	59,862
DeKalb GA	85	59,373
DeKalb GA	86	59,205
DeKalb GA	87	59,709
DeKalb GA	88	47,844
DeKalb GA	89	59,866
DeKalb GA	90	59,812
DeKalb GA	91	19,700
DeKalb GA	92	15,607
DeKalb GA	93	11,690
DeKalb GA	94	31,207
DeKalb GA	95	14,599
Dougherty GA	151	6,268
Dougherty GA	152	6,187
Dougherty GA	153	59,299
Dougherty GA	154	14,036
Douglas GA	61	30,206
Douglas GA	64	35,576
Douglas GA	65	19,408
Douglas GA	66	59,047
Effingham GA	159	32,941
Effingham GA	160	0
Effingham GA	161	31,828
Fayette GA	68	29,719
Fayette GA	69	37,303
Fayette GA	73	28,428
Fayette GA	74	23,744
Floyd GA	5	5,099
Floyd GA	12	34,335
Floyd GA	13	59,150
Forsyth GA	11	19,019
Forsyth GA	24	59,011
Forsyth GA	25	46,134
Forsyth GA	26	59,248
Forsyth GA	28	50,864
Forsyth GA	100	17,007
Fulton GA	25	13,280
Fulton GA	47	55,235
Fulton GA	48	43,976

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Fulton GA	49	59,153
Fulton GA	50	59,523
Fulton GA	51	58,952
Fulton GA	52	31,511
Fulton GA	53	59,953
Fulton GA	54	60,083
Fulton GA	55	59,971
Fulton GA	56	58,929
Fulton GA	57	59,969
Fulton GA	58	59,057
Fulton GA	59	59,434
Fulton GA	60	59,709
Fulton GA	61	29,096
Fulton GA	62	59,450
Fulton GA	63	59,381
Fulton GA	65	27,048
Fulton GA	67	41,863
Fulton GA	68	29,758
Fulton GA	69	21,379
Glynn GA	167	20,499
Glynn GA	179	59,356
Glynn GA	180	4,644
Gordon GA	5	53,738
Gordon GA	6	3,806
Grady GA	171	8,115
Grady GA	173	18,121
Gwinnett GA	30	8,620
Gwinnett GA	48	15,027
Gwinnett GA	88	11,845
Gwinnett GA	94	28,004
Gwinnett GA	95	34,221
Gwinnett GA	96	59,515
Gwinnett GA	97	59,072
Gwinnett GA	98	59,998
Gwinnett GA	99	59,850
Gwinnett GA	100	35,204
Gwinnett GA	101	59,938
Gwinnett GA	102	58,959
Gwinnett GA	103	51,691
Gwinnett GA	104	35,117
Gwinnett GA	105	59,344
Gwinnett GA	106	59,112
Gwinnett GA	107	59,702
Gwinnett GA	108	59,577
Gwinnett GA	109	59,630
Gwinnett GA	110	59,951
Gwinnett GA	111	22,685

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Habersham GA	10	42,636
Habersham GA	32	3,395
Hall GA	27	54,508
Hall GA	28	8,108
Hall GA	29	59,200
Hall GA	30	50,646
Hall GA	31	14,349
Hall GA	100	7,819
Hall GA	103	8,506
Harris GA	138	21,634
Harris GA	139	13,034
Henry GA	74	18,397
Henry GA	78	3,847
Henry GA	91	35,569
Henry GA	115	60,174
Henry GA	116	55,759
Henry GA	117	54,737
Henry GA	118	12,229
Houston GA	145	28,132
Houston GA	146	60,203
Houston GA	147	59,178
Houston GA	148	16,120
Jackson GA	31	45,552
Jackson GA	32	10,931
Jackson GA	119	4,211
Jackson GA	120	15,213
Jasper GA	114	2,855
Jasper GA	118	11,733
Jones GA	133	20,561
Jones GA	144	7,786
Lamar GA	134	5,026
Lamar GA	135	13,474
Liberty GA	167	5,109
Liberty GA	168	60,147
Lowndes GA	174	9,770
Lowndes GA	175	43,692
Lowndes GA	176	4,797
Lowndes GA	177	59,992
Lumpkin GA	9	29,201
Lumpkin GA	27	4,287
Madison GA	33	9,935
Madison GA	123	20,185
McDuffie GA	125	4,748
McDuffie GA	128	16,884
Meriwether GA	136	13,382
Meriwether GA	137	7,231
Monroe GA	134	9,272

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Monroe GA	144	17,498
Monroe GA	145	1,187
Muscogee GA	137	30,443
Muscogee GA	138	12,190
Muscogee GA	139	45,976
Muscogee GA	140	59,294
Muscogee GA	141	59,019
Newton GA	93	15,515
Newton GA	113	60,053
Newton GA	114	36,915
Oconee GA	120	9,150
Oconee GA	121	32,649
Paulding GA	16	16,549
Paulding GA	17	59,120
Paulding GA	18	10,627
Paulding GA	19	58,955
Paulding GA	64	23,410
Peach GA	145	14,093
Peach GA	150	13,888
Putnam GA	118	10,591
Putnam GA	124	11,456
Richmond GA	126	25,990
Richmond GA	127	19,152
Richmond GA	129	58,829
Richmond GA	130	59,203
Richmond GA	132	43,433
Rockdale GA	91	4,781
Rockdale GA	92	44,666
Rockdale GA	93	32,913
Rockdale GA	95	11,210
Spalding GA	74	16,815
Spalding GA	117	5,393
Spalding GA	134	45,098
Sumter GA	150	14,282
Sumter GA	151	15,334
Tattnall GA	156	1,263
Tattnall GA	157	21,579
Telfair GA	149	9,486
Telfair GA	156	2,991
Thomas GA	172	4,176
Thomas GA	173	41,622
Tift GA	169	6,730
Tift GA	170	34,614
Troup GA	72	10,281
Troup GA	136	17,913
Troup GA	137	16,144
Troup GA	138	25,088

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Walker GA	1	43,415
Walker GA	2	24,239
Walton GA	111	37,324
Walton GA	112	59,349
Ware GA	174	9,097
Ware GA	176	27,154
Wayne GA	167	6,742
Wayne GA	178	23,402
White GA	8	22,119
White GA	9	5,884
Whitfield GA	2	27,861
Whitfield GA	4	59,070
Whitfield GA	6	15,933
Split VTDs:		
Barrow GA	104	1,708
Barrow GA	119	8,060
Bartow GA	14	15,558
Bartow GA	15	1,047
Bartow GA	14	3,335
Bartow GA	15	211
Ben Hill GA	148	5,115
Ben Hill GA	156	5,229
Bibb GA	142	2,326
Bibb GA	144	3,617
Bibb GA	142	2,369
Bibb GA	144	3,076
Bibb GA	142	0
Bibb GA	144	12,654
Bibb GA	142	4,426
Bibb GA	145	852
Bryan GA	164	1,268
Bryan GA	166	1,741
Bryan GA	164	4,552
Bryan GA	166	4,707
Bryan GA	164	3,489
Bryan GA	166	144
Bulloch GA	158	3,764
Bulloch GA	159	5,869
Burke GA	126	788
Burke GA	132	0
Carroll GA	71	410
Carroll GA	72	5,554
Carroll GA	18	2,162
Carroll GA	72	0
Carroll GA	18	0
Carroll GA	72	8,617
Chatham GA	162	2,134

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Chatham GA	166	1,493
Chatham GA	164	5,562
Chatham GA	166	0
Chatham GA	163	2,064
Chatham GA	165	397
Chatham GA	163	0
Chatham GA	164	5,207
Chatham GA	161	5,335
Chatham GA	164	4,987
Chatham GA	162	5,096
Chatham GA	163	0
Chatham GA	162	1,177
Chatham GA	163	1,109
Chatham GA	163	785
Chatham GA	166	1,890
Cherokee GA	20	5,626
Cherokee GA	22	1,222
Cherokee GA	44	0
Cherokee GA	21	3,200
Cherokee GA	47	3,891
Cherokee GA	21	2,250
Cherokee GA	23	2,578
Clarke GA	122	2,758
Clarke GA	124	2,286
Clarke GA	121	7,082
Clarke GA	122	5,589
Clarke GA	120	1,922
Clarke GA	121	3,184
Clayton GA	75	5,018
Clayton GA	78	601
Clayton GA	78	9,099
Clayton GA	116	4,154
Clayton GA	76	1,911
Clayton GA	78	1,316
Cobb GA	35	7,322
Cobb GA	36	142
Cobb GA	22	5,226
Cobb GA	35	1,996
Cobb GA	22	4,918
Cobb GA	44	3,763
Cobb GA	38	8,476
Cobb GA	41	0
Cobb GA	42	11,055
Cobb GA	43	2,346
Cobb GA	34	700
Cobb GA	37	5,170
Cobb GA	37	2,031

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Cobb GA	43	2,387
Cobb GA	22	599
Cobb GA	35	3,844
Cobb GA	22	0
Cobb GA	34	871
Cobb GA	35	8,631
Cobb GA	44	2,121
Cobb GA	46	2,600
Cobb GA	39	5,678
Cobb GA	40	582
Cobb GA	38	1,589
Cobb GA	39	5,513
Cobb GA	38	256
Cobb GA	39	5,427
Cobb GA	37	3,349
Cobb GA	43	6,645
Cobb GA	34	1,664
Cobb GA	37	811
Cobb GA	37	2,877
Cobb GA	43	1,457
Cobb GA	37	1,532
Cobb GA	43	3,022
Cobb GA	42	1,494
Cobb GA	43	5,417
Cobb GA	35	2,611
Cobb GA	36	559
Cobb GA	41	1,955
Cobb GA	42	5,846
Cobb GA	37	6,683
Cobb GA	41	6,305
Cobb GA	34	3,976
Cobb GA	35	0
Cobb GA	40	1,292
Cobb GA	42	5,341
Cobb GA	40	6,599
Cobb GA	42	1,609
Cobb GA	39	905
Cobb GA	40	7,690
Coffee GA	169	19,642
Coffee GA	176	8,929
Columbia GA	125	326
Columbia GA	131	5,958
Coweta GA	70	12,590
Coweta GA	73	1,521
DeKalb GA	89	2,204
DeKalb GA	90	316
DeKalb GA	85	5,454

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
DeKalb GA	86	9,300
DeKalb GA	81	5,398
DeKalb GA	83	7,691
DeKalb GA	86	1,002
DeKalb GA	87	3,088
DeKalb GA	82	2,059
DeKalb GA	84	1,221
DeKalb GA	85	1,698
DeKalb GA	86	1,064
DeKalb GA	86	2,226
DeKalb GA	87	2,547
DeKalb GA	86	3,296
DeKalb GA	94	460
DeKalb GA	87	1,419
DeKalb GA	88	1,633
DeKalb GA	94	3,736
DeKalb GA	95	1,104
DeKalb GA	84	920
DeKalb GA	91	1,271
DeKalb GA	87	1,863
DeKalb GA	88	4,069
DeKalb GA	87	1,338
DeKalb GA	88	2,865
DeKalb GA	88	2,963
DeKalb GA	94	0
DeKalb GA	87	656
DeKalb GA	88	3,960
DeKalb GA	81	2,394
DeKalb GA	88	1,635
Dougherty GA	151	4,018
Dougherty GA	153	2,465
Dougherty GA	153	1,245
Dougherty GA	154	3,972
Douglas GA	64	3,762
Douglas GA	66	0
Effingham GA	159	2,105
Effingham GA	160	0
Effingham GA	159	1,960
Effingham GA	161	959
Fayette GA	68	983
Fayette GA	73	1,392
Fayette GA	73	605
Fayette GA	74	1,646
Fayette GA	73	1,932
Fayette GA	74	2,452
Floyd GA	12	1,576
Floyd GA	13	3,847

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Floyd GA	12	1,080
Floyd GA	13	4,509
Forsyth GA	26	10,116
Forsyth GA	28	2,801
Forsyth GA	11	7,687
Forsyth GA	28	7,982
Forsyth GA	26	4,666
Forsyth GA	28	2,410
Forsyth GA	11	11,332
Forsyth GA	24	1,335
Forsyth GA	28	333
Forsyth GA	24	3,988
Forsyth GA	26	6,597
Forsyth GA	28	7,875
Forsyth GA	24	9,868
Forsyth GA	25	0
Forsyth GA	26	15,990
Forsyth GA	25	10,064
Forsyth GA	100	11,887
Forsyth GA	26	11,718
Forsyth GA	100	5,120
Fulton GA	58	3,122
Fulton GA	59	0
Fulton GA	53	1,524
Fulton GA	60	335
Fulton GA	55	6,091
Fulton GA	57	0
Fulton GA	55	3,033
Fulton GA	60	4,105
Fulton GA	55	1,756
Fulton GA	60	4,311
Fulton GA	55	340
Fulton GA	60	3,418
Fulton GA	48	862
Fulton GA	49	2,505
Fulton GA	47	1,250
Fulton GA	49	1,304
Fulton GA	48	4,109
Fulton GA	49	281
Fulton GA	59	2,393
Fulton GA	62	2,049
Fulton GA	48	3,608
Fulton GA	51	1,792
Fulton GA	47	0
Fulton GA	49	3,818
Fulton GA	47	501
Fulton GA	49	123

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Fulton GA	47	284
Fulton GA	49	61
Fulton GA	51	1,292
Fulton GA	53	6,066
Fulton GA	47	2,971
Fulton GA	49	4,750
Fulton GA	60	220
Fulton GA	61	773
Fulton GA	61	1,575
Fulton GA	65	2,978
Fulton GA	65	1,028
Fulton GA	67	7,728
Fulton GA	62	92
Fulton GA	68	5,255
Fulton GA	65	2,858
Fulton GA	67	1,176
Fulton GA	65	1,070
Fulton GA	67	13,013
Gwinnett GA	106	934
Gwinnett GA	110	2,651
Gwinnett GA	102	3,729
Gwinnett GA	110	2,597
Gwinnett GA	98	2,475
Gwinnett GA	108	1,991
Gwinnett GA	94	955
Gwinnett GA	108	4,255
Gwinnett GA	96	7,245
Gwinnett GA	107	5,149
Gwinnett GA	96	1,426
Gwinnett GA	99	3,389
Gwinnett GA	30	8,620
Gwinnett GA	104	1,575
Gwinnett GA	102	2,073
Gwinnett GA	105	3,924
Gwinnett GA	102	4,231
Gwinnett GA	105	7,770
Gwinnett GA	107	8,164
Gwinnett GA	109	892
Gwinnett GA	96	5,745
Gwinnett GA	97	2,561
Gwinnett GA	103	1,506
Gwinnett GA	105	7,421
Gwinnett GA	100	2,158
Gwinnett GA	103	6,421
Gwinnett GA	99	3,224
Gwinnett GA	103	2,836
Habersham GA	10	8,687

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Habersham GA	32	1,972
Hall GA	28	3,803
Hall GA	29	4,979
Henry GA	115	0
Henry GA	116	5,686
Henry GA	115	7,135
Henry GA	116	17
Henry GA	116	5,233
Henry GA	117	8,688
Henry GA	115	0
Henry GA	117	4,121
Henry GA	78	3,847
Henry GA	116	3,999
Henry GA	78	0
Henry GA	91	7,453
Henry GA	91	3,240
Henry GA	115	1,518
Houston GA	145	69
Houston GA	147	11,815
Houston GA	146	9,734
Houston GA	147	3,595
Houston GA	145	8,748
Houston GA	147	6,643
Houston GA	146	3,947
Houston GA	147	9,547
Houston GA	145	15,867
Houston GA	146	0
Houston GA	147	1,931
Houston GA	146	13,202
Houston GA	148	7,640
Houston GA	145	0
Houston GA	147	9,118
Houston GA	146	5,586
Houston GA	148	4,039
Jackson GA	31	4,513
Jackson GA	32	10,931
Jackson GA	120	3,803
Jackson GA	31	16,656
Jackson GA	119	4,211
Jones GA	133	384
Jones GA	144	2,481
Lamar GA	134	3,043
Lamar GA	135	2,725
Liberty GA	167	5,109
Liberty GA	168	4,344
Lowndes GA	175	8,373
Lowndes GA	177	37,217

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Lowndes GA	175	6,400
Lowndes GA	177	8,754
Lowndes GA	174	1,951
Lowndes GA	175	3,755
Lowndes GA	175	9,620
Lowndes GA	176	4,797
Lowndes GA	177	6,930
Lumpkin GA	9	29,201
Lumpkin GA	27	4,287
Muscogee GA	140	5,391
Muscogee GA	141	5,010
Muscogee GA	139	3,363
Muscogee GA	140	4,560
Muscogee GA	137	5,599
Muscogee GA	141	6,645
Muscogee GA	140	13,744
Muscogee GA	141	32
Muscogee GA	137	8,327
Muscogee GA	141	3,143
Muscogee GA	139	5,899
Muscogee GA	141	5,582
Newton GA	93	1,206
Newton GA	113	3,687
Newton GA	93	856
Newton GA	113	3,443
Newton GA	113	0
Newton GA	114	2,971
Newton GA	93	1,668
Newton GA	113	5,075
Paulding GA	18	916
Paulding GA	64	9,977
Paulding GA	16	8,392
Paulding GA	17	16
Paulding GA	17	517
Paulding GA	18	7,991
Paulding GA	19	1,240
Paulding GA	17	5,972
Paulding GA	18	1,720
Paulding GA	16	8,152
Paulding GA	17	12,810
Paulding GA	19	5,455
Paulding GA	16	5
Paulding GA	17	17,525
Richmond GA	129	954
Richmond GA	130	886
Richmond GA	127	2,362
Richmond GA	129	894

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Richmond GA	126	0
Richmond GA	132	9,711
Richmond GA	129	3,260
Richmond GA	132	2,535
Richmond GA	127	586
Richmond GA	129	2,007
Richmond GA	127	1,164
Richmond GA	129	6,148
Richmond GA	126	0
Richmond GA	132	2,432
Richmond GA	126	2,403
Richmond GA	132	0
Rockdale GA	93	6,444
Rockdale GA	95	0
Rockdale GA	93	10,095
Rockdale GA	95	872
Rockdale GA	92	6,218
Rockdale GA	93	79
Rockdale GA	93	4,818
Rockdale GA	95	0
Spalding GA	74	235
Spalding GA	134	2,835
Spalding GA	74	2,075
Spalding GA	134	4,817
Spalding GA	74	787
Spalding GA	134	5,290
Sumter GA	150	4,568
Sumter GA	151	1,549
Sumter GA	150	5,179
Sumter GA	151	447
Troup GA	136	2,068
Troup GA	137	497
Walton GA	111	2,993
Walton GA	112	3,003
Ware GA	174	2,672
Ware GA	176	3,692
Ware GA	174	0
Ware GA	176	4,133
Ware GA	174	0
Ware GA	176	2,107
Ware GA	174	2,506
Ware GA	176	2,526
Wayne GA	167	1,928
Wayne GA	178	637
Whitfield GA	2	3,864
Whitfield GA	4	1,000
Whitfield GA	2	6,210

Political Subdivison Splits Between Districts

GA_House_DRA

County	District	Population
Whitfield GA	6	2,122

EXHIBIT AG-1

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative Senate	2014 Senate	2021 Senate
1	watson	ben	r	w	001	001	001
2	jackson	lester	d	b	002	002	002
3	mcneill	sheila	r	w	003	003	003
4	hickman	billy	r	w	008	004	004
5	rahman	sheikh	d	s	005	005	005
6	jordan	jennifer	d	w	056	006	006
7	harper	tyler	r	w	020	007	013
8	goodman	russ	r	w	007	008	008
9	merritt	nikki	d	b	009	009	009
10	jones	emanuel	d	b	010	010	010
11	burke	dean	r	w	011	011	011
12	sims	freddie	d	b	012	012	012
13	summers	carden	r	w	020	013	013
14	thompson	bruce	r	w	014	014	052
15	harbison	ed	d	b	015	015	015
16	harbin	marty	r	w	028	016	016
17	strickland	brian	r	w	017	017	017
18	kennedy	john	r	w	018	018	018
19	tillery	blake	r	w	013	019	019
20	walker	larry	r	w	020	020	020
21	beach	brandon	r	w	021	021	021
22	jones	harold	d	b	022	022	022
23	burns	max	r	w	004	023	023
24	anderson	lee	r	w	024	024	024
25	jones	burt	r	w	025	025	025
26	lucas	david	d	b	026	026	026
27	dolezal	greg	r	w	027	027	027
28	brass	matt	r	w	016	028	028
29	robertson	randy	r	w	029	029	029
30	dugan	mike	r	w	030	030	030

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative Senate	2014 Senate	2021 Senate
31	anavitarte	jason	r	h	031	031	031
32	kirkpatrick	kay	r	w	032	032	032
33	rhett	michael	d	b	006	033	033
34	seay	valencia	d	b	034	034	034
35	james	donzella	d	b	035	035	035
36	orrock	NA	d	w	036	036	036
37	tippins	lindsey	r	w	037	037	037
38	tate	horacena	d	b	038	038	038
39	halpern	sonya	d	b	039	039	039
40	harrell	sally	d	w	040	040	040
41	jackson	kim	d	b	041	041	041
42	parent	elena	d	w	042	042	042
43	anderson	tonya	d	b	043	043	043
44	davenport	gail	d	b	044	044	044
45	dixon	clint	r	w	019	045	045
46	cowsert	bill	r	w	046	046	046
47	ginn	frank	r	w	047	047	047
48	au	michelle	d	a	048	048	048
49	miller	cecil	r	w	049	049	049
50	hatchett	bo	r	w	050	050	050
51	gooch	steve	r	w	051	051	051
52	hufstetler	chuck	r	w	052	052	052
53	mullis	jeff	r	w	053	053	053
54	payne	chuck	r	w	054	054	054
55	butler	gloria	d	b	055	055	055
56	albers	john	r	w	056	056	056

EXHIBIT AG-2

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative House	2015 House	2021 House
1	cameron	mike	r	w	1	1	1
2	tarvin	steve	r	w	2	2	2
3	hill	dewayne	r	w	3	3	3
4	carpenter	kasey	r	w	4	4	4
5	barton	matt	r	w	5	5	5
6	ridley	jason	r	w	6	6	6
7	ralston	david	r	w	7	7	7
8	gunter	stan	r	w	8	8	8
9	wade	will	r	w	9	9	9
10	anderson	victor	r	w	10	10	10
11	jasperse	rick	r	w	11	11	11
12	lumsden	eddie	r	w	12	12	12
13	dempsey	katie	r	w	13	13	13
14	scoggins	mitchell	r	w	15	14	14
15	gambill	matthew	r	w	15	15	15
16	kelley	trey	r	w	NA	NA	NA
17	momtahan	martin	r	w	19	17	17
18	smith	tyler	r	w	16	18	18
19	gullett	joseph	r	w	17	19	19
20	byrd	charlice	r	w	20	20	20
21	thomas	brad	r	w	21	21	21
22	cantrell	wes	r	w	169	22	21
23	ballinger	mandi	r	w	23	23	23
24	smallwoodgi	sheri	r	w	26	24	24
25	jones	todd	r	w	25	25	25
26	mcdonald	lauren	r	w	NA	NA	NA
27	hawkins	lee	r	w	27	27	27
28	erwin	chris	r	w	28	28	32
29	dubnik	matt	r	w	29	29	29
30	dunahoo	emory	r	w	29	30	31
31	benton	tommy	r	w	31	31	31
32	powell	alan	r	w	32	32	33
33	leverett	rob	r	w	33	33	123

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative House	2015 House	2021 House
34	reeves	bert	r	w	34	34	34
35	setzler	ed	r	w	35	35	22
36	ehrhart	ginny	r	w	36	36	36
37	williams	mary	d	w	37	37	37
38	wilkerson	david	d	b	38	38	38
39	thomas	erica	d	b	39	39	39
40	allen	erick	d	b	42	40	40
41	smith	michael	d	b	41	41	41
42	anulewicz	teri	d	w	53	42	42
43	cooper	sharon	r	w	43	43	45
44	parsons	don	r	w	44	44	44
45	dollar	matt	r	w	45	45	45
46	carson	john	r	w	46	46	46
47	jones	jan	r	w	22	47	47
48	robichaux	mary	d	w	48	48	48
49	martin	charles	r	w	49	49	49
50	kausche	angelika	d	w	50	50	50
51	mclaurin	josh	d	w	51	51	51
52	roberts	shea	d	w	52	52	54
53	jones	sheila	d	b	40	53	60
54	holland	betsy	d	w	54	54	54
55	metze	marie	d	b	55	55	55
56	mainor	mesha	d	b	56	56	56
57	evans	stacey	d	w	58	57	57
58	cannon	park	d	b	59	58	58
59	dreyer	david	d	w	57	59	62
60	schofield	kim	d	b	60	60	63
61	bruce	roger	d	b	61	61	61
62	boddie	william	d	b	62	62	62
63	bazemore	debra	d	b	63	63	69
64	jackson	derrick	d	b	64	64	68
65	thomas	mandisha	d	b	65	65	65
66	alexander	kimberly	d	b	66	66	66

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative House	2015 House	2021 House
67	gravley	micah	r	w	150	67	19
68	collins	j	r	w	68	68	71
69	nix	randy	r	w	69	69	72
70	smith	lynn	r	w	NA	NA	NA
71	singleton	philip	r	w	71	71	67
72	bonner	josh	r	w	72	72	73
73	mathiak	karen	r	w	73	73	74
74	neal	yasmin	d	b	74	74	79
75	glanton	mike	d	b	75	75	75
76	givensscott	sandra	d	b	76	76	76
77	burnough	rhonda	d	b	77	77	77
78	douglas	demetrius	d	b	78	78	78
79	wilensky	michael	d	w	79	79	80
80	wilson	matthew	d	w	80	80	52
81	holcomb	scott	d	w	81	81	81
82	oliver	mary	d	w	82	82	82
83	evans	becky	d	w	83	83	89
84	shannon	renitta	d	b	84	84	84
85	drenner	karla	d	w	85	85	85
86	lopez	zulma	d	h	86	86	86
87	davis	viola	d	b	87	87	87
88	mitchell	billy	d	b	88	88	87
89	nguyen	bee	d	a	89	89	90
91	taylor	rhonda	d	b	93	91	92
92	carter	doreen	d	b	92	92	93
93	kendrick	darshun	d	b	91	93	95
94	bennett	karen	d	b	94	94	94
95	moore	beth	d	w	95	95	97
96	marin	pedro	d	h	96	96	96
97	rich	bonnie	r	w	97	97	100
98	clark	david	r	w	98	98	100
99	lim	marvin	d	a	99	99	98
100	mcclain	dewey	d	b	100	100	109

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative House	2015 House	2021 House
101	park	sam	d	a	101	101	107
102	kennard	gregg	d	w	102	102	101
103	barr	timothy	r	w	103	103	101
104	efstration	chuck	r	w	104	104	104
105	mcleod	donna	d	b	105	105	105
106	mitchell	rebecca	d	w	106	106	106
107	hutchinson	shelly	d	b	107	107	106
108	clark	jasmine	d	b	108	108	108
109	lewisward	regina	d	b	90	109	115
110	crowe	clint	r	w	131	110	118
111	holly	elmahdi	d	b	109	111	116
112	belton	dave	r	w	145	112	114
113	henderson	sharon	d	b	113	113	113
114	kirby	tom	r	w	115	114	111
115	williamson	bruce	r	w	114	115	112
116	england	terry	r	w	116	116	119
117	gaines	houston	r	w	117	117	120
118	frye	spencer	d	w	118	118	122
119	wiedower	marcus	r	w	119	119	121
120	rhodes	trey	r	w	120	120	124
121	fleming	barry	r	w	121	121	125
122	lott	jodi	r	w	122	122	131
123	newton	mark	r	w	123	123	127
124	howard	henry	d	b	124	124	129
125	nelson	sheila	d	b	125	125	130
126	frazier	gloria	d	b	126	126	126
127	prince	brian	d	b	127	127	132
128	jackson	mack	d	b	128	128	132
129	holmes	susan	r	w	129	129	118
130	knight	david	r	w	110	130	134
131	camp	beth	r	w	130	131	135
132	jenkins	david	r	w	132	132	136
133	smith	vance	r	w	133	133	138

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative House	2015 House	2021 House
134	smith	richard	r	w	134	134	139
135	smyre	calvin	d	b	135	135	140
136	hugley	carolyn	d	b	136	136	141
137	buckner	debbie	d	w	138	137	137
138	cheokas	mike	r	w	138	138	151
139	bentley	patty	d	b	139	139	150
140	dickey	robert	r	w	140	140	145
141	washburn	dale	r	w	141	141	144
142	paris	miriam	d	b	142	142	142
143	beverly	james	d	b	143	143	143
144	mathis	danny	r	w	141	144	133
145	williams	ricky	r	w	144	145	133
146	blackmon	shaw	r	w	148	146	146
147	clark	heath	r	w	147	147	147
148	williams	noel	r	w	148	148	148
149	pruitt	robert	r	w	149	149	149
150	hatchett	matt	r	w	149	150	155
151	greene	gerald	r	w	154	151	154
152	yearta	bill	r	w	152	152	152
153	whitakerhop	camia	d	b	151	153	153
154	dukes	winfred	d	b	154	154	154
155	pirkle	clay	r	w	155	155	169
156	morris	greg	r	w	156	156	156
157	werkheiser	william	r	w	157	157	157
158	parrish	butch	r	w	158	158	158
159	burns	jon	r	w	159	159	159
160	tankersley	jan	r	w	160	160	160
161	hitchens	bill	r	w	161	161	161
162	waynegillia	carl	d	b	162	162	163
163	mallow	derek	d	b	165	163	163
164	stephens	ron	r	w	164	164	164
165	stephens	mickey	d	b	NA	NA	NA
166	petrea	jesse	r	w	166	166	166

DISTRICT_N	LASTNAME	FIRSTNAME	PARTY	RACE	Illustrative House	2015 House	2021 House
167	deloach	buddy	r	w	167	167	167
168	williams	al	d	b	168	168	168
169	lariccia	dominic	r	w	176	169	176
170	houston	penny	r	w	170	170	170
171	campbell	joe	r	w	153	171	171
172	watson	sam	r	w	172	172	172
173	taylor	darlene	r	w	173	173	173
174	corbett	john	r	w	175	174	174
175	lahood	john	r	w	173	175	175
176	burchett	james	r	w	174	176	176
177	sharper	dexter	d	b	177	177	177
178	meeks	steven	r	w	178	178	178
179	hogan	don	r	w	179	179	179
180	sainz	steven	r	h	180	180	180

EXHIBIT BB-1

User:
Plan Name: **Ga_House_Illustrative_Plan**
Plan Type:

Measures of Compactness Report

Thursday, January 6, 2022 8:39 AM

	Reock	Polsby-Popper
Mean	0.39	0.27
Min	0.16	0.11
Max	0.66	0.61
Std. Dev.	0.10	0.10
Sum		

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
001	0.56	0.47	
002	0.29	0.16	
003	0.50	0.41	
004	0.55	0.36	
005	0.47	0.41	
006	0.52	0.27	
007	0.54	0.40	
008	0.31	0.23	
009	0.51	0.40	
010	0.54	0.31	
011	0.54	0.34	
012	0.45	0.21	
013	0.33	0.22	
014	0.32	0.17	
015	0.39	0.16	
016	0.49	0.33	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
017	0.57	0.42	
018	0.32	0.18	
019	0.66	0.45	
020	0.51	0.49	
021	0.37	0.24	
022	0.43	0.37	
023	0.25	0.20	
024	0.35	0.43	
025	0.43	0.37	
026	0.61	0.54	
027	0.51	0.23	
028	0.33	0.24	
029	0.28	0.19	
030	0.36	0.24	
031	0.51	0.34	
032	0.56	0.42	
033	0.24	0.17	
034	0.31	0.17	
035	0.32	0.24	
036	0.33	0.14	
037	0.28	0.11	
038	0.35	0.25	
039	0.28	0.21	
040	0.33	0.13	
041	0.24	0.12	
042	0.36	0.17	
043	0.45	0.22	
044	0.52	0.32	
045	0.36	0.26	
046	0.60	0.42	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
047	0.25	0.21	
048	0.40	0.30	
049	0.25	0.19	
050	0.35	0.20	
051	0.39	0.40	
052	0.40	0.39	
053	0.25	0.13	
054	0.37	0.43	
055	0.21	0.14	
056	0.40	0.36	
057	0.47	0.34	
058	0.49	0.61	
059	0.32	0.20	
060	0.38	0.28	
061	0.33	0.23	
062	0.33	0.20	
063	0.27	0.23	
064	0.35	0.20	
065	0.34	0.21	
066	0.31	0.25	
067	0.30	0.18	
068	0.34	0.23	
069	0.61	0.26	
070	0.46	0.34	
071	0.43	0.28	
072	0.45	0.25	
073	0.44	0.20	
074	0.34	0.26	
075	0.29	0.15	
076	0.46	0.34	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
077	0.54	0.40	
078	0.36	0.24	
079	0.55	0.44	
080	0.51	0.34	
081	0.47	0.28	
082	0.27	0.22	
083	0.16	0.11	
084	0.29	0.18	
085	0.22	0.16	
086	0.21	0.15	
087	0.44	0.27	
088	0.26	0.14	
089	0.29	0.24	
090	0.29	0.13	
091	0.36	0.15	
092	0.47	0.24	
093	0.24	0.14	
094	0.47	0.24	
095	0.36	0.30	
096	0.32	0.34	
097	0.34	0.23	
098	0.38	0.30	
099	0.40	0.45	
100	0.37	0.49	
101	0.37	0.32	
102	0.57	0.51	
103	0.28	0.22	
104	0.47	0.29	
105	0.36	0.26	
106	0.36	0.27	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
107	0.40	0.29	
108	0.39	0.23	
109	0.18	0.13	
110	0.44	0.24	
111	0.30	0.23	
112	0.52	0.26	
113	0.53	0.26	
114	0.36	0.25	
115	0.49	0.36	
116	0.46	0.34	
117	0.29	0.15	
118	0.50	0.29	
119	0.38	0.23	
120	0.51	0.28	
121	0.55	0.28	
122	0.42	0.31	
123	0.21	0.17	
124	0.50	0.36	
125	0.48	0.19	
126	0.26	0.20	
127	0.26	0.21	
128	0.37	0.20	
129	0.38	0.22	
130	0.49	0.25	
131	0.55	0.46	
132	0.46	0.22	
133	0.39	0.33	
134	0.30	0.29	
135	0.49	0.47	
136	0.41	0.25	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
137	0.39	0.33	
138	0.30	0.14	
139	0.37	0.26	
140	0.31	0.21	
141	0.49	0.41	
142	0.44	0.27	
143	0.49	0.30	
144	0.31	0.16	
145	0.27	0.14	
146	0.43	0.30	
147	0.46	0.24	
148	0.41	0.20	
149	0.35	0.18	
150	0.31	0.28	
151	0.34	0.27	
152	0.25	0.17	
153	0.28	0.19	
154	0.53	0.38	
155	0.38	0.22	
156	0.53	0.26	
157	0.17	0.13	
158	0.41	0.16	
159	0.36	0.21	
160	0.37	0.26	
161	0.44	0.19	
162	0.42	0.28	
163	0.45	0.56	
164	0.36	0.20	
165	0.31	0.22	
166	0.50	0.29	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
167	0.40	0.24	
168	0.22	0.26	
169	0.48	0.27	
170	0.63	0.35	
171	0.43	0.45	
172	0.46	0.42	
173	0.34	0.27	
174	0.46	0.23	
175	0.32	0.24	
176	0.48	0.26	
177	0.36	0.39	
178	0.49	0.29	
179	0.34	0.27	
180	0.51	0.33	

Measures of Compactness Report

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.

EXHIBIT BB-2

User:
Plan Name: **2015 Benchmark Plan**
Plan Type: **House**

Measures of Compactness Report

Thursday, January 6, 2022 8:35 AM

	Reock	Polsby-Popper
Mean	0.39	0.27
Min	0.13	0.09
Max	0.63	0.54
Std. Dev.	0.11	0.10
Sum		

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
1	0.51	0.43	
2	0.54	0.29	
3	0.41	0.42	
4	0.62	0.26	
5	0.46	0.26	
6	0.60	0.39	
7	0.62	0.50	
8	0.30	0.21	
9	0.41	0.39	
10	0.52	0.32	
11	0.28	0.19	
12	0.48	0.28	
13	0.45	0.19	
14	0.27	0.23	
15	0.54	0.54	
16	0.50	0.35	

Measures of Compactness Report

Enacted House B-V-C

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
17	0.41	0.45	
18	0.43	0.31	
19	0.28	0.34	
20	0.42	0.38	
21	0.33	0.16	
22	0.43	0.19	
23	0.40	0.22	
24	0.62	0.40	
25	0.43	0.27	
26	0.42	0.28	
27	0.59	0.22	
28	0.44	0.35	
29	0.41	0.22	
30	0.25	0.24	
31	0.52	0.50	
32	0.54	0.47	
33	0.24	0.13	
34	0.59	0.38	
35	0.42	0.34	
36	0.44	0.30	
37	0.27	0.16	
38	0.39	0.29	
39	0.28	0.26	
40	0.29	0.19	
41	0.48	0.34	
42	0.52	0.33	
43	0.45	0.29	
44	0.37	0.31	
45	0.46	0.30	
46	0.49	0.51	

Measures of Compactness Report

Enacted House B-V-C

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
47	0.38	0.20	
48	0.39	0.26	
49	0.45	0.18	
50	0.36	0.43	
51	0.40	0.42	
52	0.37	0.34	
53	0.45	0.26	
54	0.40	0.34	
55	0.16	0.12	
56	0.20	0.20	
57	0.14	0.12	
58	0.16	0.12	
59	0.23	0.20	
60	0.44	0.13	
61	0.25	0.15	
62	0.21	0.13	
63	0.16	0.12	
64	0.31	0.21	
65	0.45	0.39	
66	0.33	0.28	
67	0.40	0.31	
68	0.49	0.32	
69	0.40	0.37	
70	0.51	0.24	
71	0.44	0.28	
72	0.57	0.32	
73	0.40	0.15	
74	0.39	0.28	
75	0.32	0.22	
76	0.49	0.35	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
77	0.55	0.51	
78	0.30	0.21	
79	0.54	0.52	
80	0.21	0.20	
81	0.32	0.17	
82	0.30	0.20	
83	0.14	0.12	
84	0.13	0.09	
85	0.33	0.21	
86	0.23	0.12	
87	0.20	0.14	
88	0.22	0.17	
89	0.29	0.27	
90	0.35	0.16	
91	0.34	0.29	
92	0.23	0.24	
93	0.27	0.34	
94	0.25	0.16	
95	0.40	0.40	
96	0.25	0.32	
97	0.29	0.26	
98	0.43	0.33	
99	0.42	0.36	
100	0.55	0.51	
101	0.36	0.21	
102	0.41	0.33	
103	0.30	0.22	
104	0.38	0.31	
105	0.37	0.24	
106	0.34	0.20	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
107	0.53	0.31	
108	0.38	0.26	
109	0.26	0.15	
110	0.40	0.15	
111	0.32	0.12	
112	0.41	0.26	
113	0.45	0.25	
114	0.25	0.21	
115	0.58	0.52	
116	0.43	0.37	
117	0.41	0.20	
118	0.34	0.32	
119	0.43	0.24	
120	0.35	0.26	
121	0.58	0.18	
122	0.52	0.42	
123	0.33	0.18	
124	0.46	0.25	
125	0.49	0.23	
126	0.45	0.34	
127	0.29	0.26	
128	0.53	0.23	
129	0.49	0.32	
130	0.44	0.23	
131	0.53	0.38	
132	0.36	0.21	
133	0.42	0.25	
134	0.32	0.23	
135	0.26	0.17	
136	0.26	0.21	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
137	0.41	0.23	
138	0.33	0.27	
139	0.39	0.28	
140	0.42	0.20	
141	0.43	0.27	
142	0.57	0.31	
143	0.54	0.36	
144	0.57	0.27	
145	0.44	0.31	
146	0.29	0.24	
147	0.39	0.23	
148	0.43	0.25	
149	0.62	0.32	
150	0.53	0.27	
151	0.49	0.41	
152	0.35	0.31	
153	0.35	0.30	
154	0.24	0.20	
155	0.45	0.36	
156	0.51	0.28	
157	0.28	0.20	
158	0.52	0.38	
159	0.38	0.24	
160	0.51	0.37	
161	0.46	0.25	
162	0.37	0.15	
163	0.29	0.17	
164	0.43	0.29	
165	0.26	0.13	
166	0.43	0.31	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
167	0.39	0.25	
168	0.24	0.27	
169	0.37	0.31	
170	0.63	0.36	
171	0.30	0.24	
172	0.29	0.18	
173	0.36	0.29	
174	0.28	0.16	
175	0.58	0.41	
176	0.30	0.20	
177	0.45	0.31	
178	0.59	0.30	
179	0.34	0.24	
180	0.30	0.20	

Measures of Compactness Report

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.

EXHIBIT BB-3

User:
Plan Name: **GA_House_2021 Plan**
Plan Type:

Measures of Compactness Report

Thursday, January 6, 2022 8:31 AM

	Reock	Polsby-Popper
Mean	0.39	0.28
Min	0.12	0.10
Max	0.66	0.59
Std. Dev.	0.11	0.10
Sum		

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
1	0.53	0.45	
2	0.53	0.24	
3	0.50	0.41	
4	0.37	0.21	
5	0.43	0.25	
6	0.45	0.26	
7	0.62	0.50	
8	0.46	0.27	
9	0.47	0.30	
10	0.34	0.30	
11	0.31	0.26	
12	0.47	0.31	
13	0.47	0.19	
14	0.32	0.23	
15	0.55	0.33	
16	0.31	0.35	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
17	0.28	0.21	
18	0.41	0.25	
19	0.26	0.26	
20	0.46	0.45	
21	0.26	0.27	
22	0.28	0.22	
23	0.40	0.19	
24	0.35	0.30	
25	0.39	0.31	
26	0.27	0.26	
27	0.60	0.34	
28	0.38	0.35	
29	0.34	0.21	
30	0.43	0.30	
31	0.44	0.25	
32	0.39	0.33	
33	0.49	0.37	
34	0.45	0.33	
35	0.32	0.24	
36	0.32	0.23	
37	0.45	0.28	
38	0.59	0.58	
39	0.59	0.40	
40	0.49	0.29	
41	0.60	0.40	
42	0.40	0.21	
43	0.42	0.22	
44	0.31	0.29	
45	0.41	0.32	
46	0.55	0.47	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
47	0.29	0.21	
48	0.34	0.19	
49	0.30	0.16	
50	0.42	0.46	
51	0.54	0.36	
52	0.48	0.35	
53	0.16	0.14	
54	0.37	0.45	
55	0.18	0.16	
56	0.26	0.23	
57	0.57	0.59	
58	0.13	0.13	
59	0.12	0.11	
60	0.19	0.15	
61	0.25	0.20	
62	0.16	0.10	
63	0.16	0.14	
64	0.37	0.36	
65	0.46	0.17	
66	0.36	0.25	
67	0.36	0.12	
68	0.32	0.17	
69	0.40	0.25	
70	0.45	0.23	
71	0.44	0.35	
72	0.42	0.23	
73	0.28	0.20	
74	0.50	0.25	
75	0.42	0.28	
76	0.53	0.51	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
77	0.40	0.21	
78	0.21	0.19	
79	0.50	0.21	
80	0.38	0.42	
81	0.47	0.40	
82	0.49	0.30	
83	0.34	0.36	
84	0.25	0.20	
85	0.36	0.32	
86	0.17	0.17	
87	0.26	0.24	
88	0.26	0.20	
89	0.14	0.10	
90	0.36	0.29	
91	0.45	0.20	
92	0.36	0.20	
93	0.26	0.11	
94	0.31	0.15	
95	0.44	0.25	
96	0.18	0.21	
97	0.28	0.24	
98	0.42	0.52	
99	0.36	0.29	
100	0.34	0.29	
101	0.53	0.46	
102	0.56	0.35	
103	0.33	0.24	
104	0.28	0.25	
105	0.34	0.28	
106	0.66	0.50	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
107	0.51	0.32	
108	0.43	0.32	
109	0.39	0.28	
110	0.36	0.33	
111	0.33	0.29	
112	0.62	0.52	
113	0.50	0.32	
114	0.51	0.28	
115	0.44	0.23	
116	0.41	0.28	
117	0.41	0.28	
118	0.35	0.22	
119	0.39	0.21	
120	0.44	0.25	
121	0.43	0.30	
122	0.48	0.43	
123	0.30	0.18	
124	0.44	0.23	
125	0.41	0.17	
126	0.52	0.41	
127	0.35	0.20	
128	0.60	0.32	
129	0.48	0.25	
130	0.51	0.25	
131	0.38	0.28	
132	0.27	0.30	
133	0.55	0.42	
134	0.33	0.23	
135	0.57	0.42	
136	0.54	0.26	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
137	0.33	0.16	
138	0.33	0.20	
139	0.28	0.23	
140	0.29	0.19	
141	0.26	0.20	
142	0.35	0.23	
143	0.50	0.30	
144	0.51	0.32	
145	0.38	0.19	
146	0.26	0.19	
147	0.33	0.26	
148	0.44	0.24	
149	0.32	0.22	
150	0.44	0.28	
151	0.53	0.22	
152	0.40	0.30	
153	0.30	0.30	
154	0.41	0.33	
155	0.49	0.48	
156	0.23	0.20	
157	0.32	0.19	
158	0.48	0.33	
159	0.34	0.22	
160	0.49	0.37	
161	0.51	0.31	
162	0.37	0.21	
163	0.27	0.17	
164	0.30	0.17	
165	0.23	0.16	
166	0.43	0.36	

Measures of Compactness Report

	Higher Number is Better		Lower Number is Better
District	Reock	Polsby-Popper	
167	0.42	0.19	
168	0.24	0.26	
169	0.28	0.23	
170	0.53	0.34	
171	0.35	0.37	
172	0.44	0.32	
173	0.57	0.38	
174	0.41	0.24	
175	0.47	0.37	
176	0.34	0.16	
177	0.43	0.34	
178	0.48	0.22	
179	0.45	0.42	
180	0.61	0.40	

Measures of Compactness Report

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.

COOPER EXHIBIT CD

To be submitted to
Hon. Steve C. Jones via courier