EXHIBIT A

Part 1

PENGAD 800-631-6989
DEFENDANT'S EXHIBIT
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Cooper

IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF GEORGIA
ATLANTA DIVISION

ALPHA PHI ALPHA FRATERNITY INC., et al., *Plaintiffs*, vs. BRAD RAFFENSPERGER, in his official capacity as Secretary of State of Georgia. *Defendant*.	Civ. No. 21-5337

DECLARATION OF WILLIAM S. COOPER

WILLIAM S. COOPER, acting in accordance with 28 U.S.C. § 1746, Federal Rule of Civil Procedure 26(a)(2)(B), and Federal Rules of Evidence 702 and 703, does hereby declare and say:

I. INTRODUCTION

1. My name is William S. Cooper. I have a B.A. in Economics from Davidson College. As a private consultant, I serve as a demographic and redistricting expert for the Plaintiffs.

2. I have testified at trial as an expert witness on redistricting and demographics in federal courts in about 45 voting rights cases since the late 1980s. Over 25 of the cases led to changes in local election district plans. Five of the cases

resulted in changes to statewide legislative boundaries: *Rural West Tennessee African-American Affairs Council, Inc. v. McWherter*, No. 92-cv-2407 (W.D. Tenn. 1995); *Old Person v. Brown*, No. 96-cv-0004 (D. Mont. 2002); *Bone Shirt v. Hazeltine*, No. 01-cv-3032 (D.S.D. 2004); *Alabama Legislative Black Caucus v. Alabama*, No. 12-cv-691 (M.D. Ala. 2017), and *Thomas v. Reeves* (S.D. Miss. 2019). In *Bone Shirt v. Hazeltine*, the court adopted the remedial plan I developed.

3. I served as the *Gingles* 1 expert for two post-2010 local-level Section 2 cases in Georgia, *NAACP v. Fayette County* and *NAACP v. Emanuel County*. In both cases, the parties settled on redistricting plans that I developed (with input from the respective defendants). In the latter part of the decade, I served as the *Gingles* 1 expert in three additional Section 2 cases in Georgia, which were all voluntarily dismissed after the 2018 elections: *Georgia NAACP v. Gwinnett County*), No. 1:16-cv-02852-AT; *Thompson v. Kemp*, No. 1:17-cv-01427 (N.D. Ga. 2018); and *Dwight v. Kemp*, No. 1:18-cv-2869 (N.D. Ga. 2018).

4. My redistricting experience is further documented in my curriculum vitae, which is attached as **Exhibit A**.

A. Purpose of Declaration

5. The attorneys for the Plaintiffs in this case asked me to determine whether the African-American[1] population in Georgia is "sufficiently large and geographically compact" to allow for the creation, employing traditional districting principles, of additional majority-Black Senate and House districts beyond those created in the legislative plans that were signed into law by Governor Kemp on December 30, 2021—in other words, districts that meet the first *Gingles* precondition ("*Gingles* 1").[2]

6. For purposes of the *Gingles* 1 analysis in this declaration, and unless otherwise noted, I define majority-Black districts as those that are majority-Black voting age ("BVAP"). I also report whether districts are majority-Black citizen voting age ("BCVAP").[3]

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[1] In this declaration, "African-American" refers to persons who are single-race Black or Any Part Black (i.e. persons of two or more races and some part Black), including Hispanic Black. In some instances (e.g. for historical comparisons) numerical or percentage references identify single-race Black as "SR Black" and Any Part Black as "AP Black." Unless noted otherwise, "Black" means AP Black. It is my understanding that following the U.S. Supreme Court decision in *Georgia v. Ashcroft*, 539 U.S. 461 (2003), the "Any Part" definition is an appropriate Census classification to use in most Section 2 cases. Notably, the Census presents the question as a checkbox, giving respondents a yes-or-no, binary choice to identify as Black; using the AP Black metric ensures that anyone who self-identifies in this manner is included.

Throughout this report, I refer to the two legislative plans signed into law by Governor Kemp as the 2021 Senate Plan and the 2021 House Plan, respectively.

[2] *See Thornburg v. Gingles*, 478 U.S. 30, 50 (1986).

[3] The CVAP estimates I report count only persons who are non-Hispanic single-race Black. The estimates are disaggregated from the block group level as published by the U.S. Census Bureau. The most current data available is from the 2015-2019 Special Tabulation, with a survey

7. The two illustrative plans that I have prepared (one for the State House and one for the State Senate) demonstrate that Georgia's Black population is sufficiently numerous and geographically compact to allow for the creation of at least three additional majority-Black Senate districts and five additional majority-Black House districts.

8. The illustrative plans comply with traditional redistricting principles, including population equality, compactness, contiguity, respect for communities of interest, and the non-dilution of minority voting strength.

9. The illustrative plans are drawn to follow, to the extent possible, county and VTD[4] boundaries. Where counties are split to comply with one-person one-vote requirements or to avoid pairing incumbents, I have generally used whole 2020 Census VTDs as sub-county components. Where VTDs are split, I have followed census block boundaries that are aligned with roads, natural features, census block groups, or municipal boundaries.

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midpoint of July, 1 2017.
https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.html

The 2016-2020 ACS Special Tabulation has been delayed due to the pandemic. The 2016-2020 estimates will reflect Census 2020 population distribution, which could require updates to the number of majority-BCVAP districts.

[4] "VTD" is a Census Bureau term meaning "voting tabulation district." VTDs generally correspond to precincts. Statewide, there are 2,698 2020 VTDs.

10. **Exhibit B** describes the sources and methodology I have employed in the preparation of this report and the illustrative plans. Briefly, I used the Maptitude software program as well as data and shapefiles from the U.S. Census Bureau and the Georgia Legislative and Congressional Reapportionment Office, among other sources.

B. Summary of Expert Conclusions

11. Based on my *Gingles* 1 analysis, I conclude the following:

State Senate

- The 2021 Senate Plan contains 14 majority-Black districts (15 that are both BVAP and BCVAP).
- As shown in the Plaintiffs' Illustrative Senate Plan, a statewide Senate plan can be drawn with 19 majority-Black districts, including two additional majority-Black districts in south Metro Atlanta and an additional majority-Black district anchored in the eastern portion of Georgia's Black Belt (encompassing part of Augusta and extending west to Baldwin and Houston Counties).[5]

[5] In addition, the Illustrative Senate Plan described *infra* also creates an additional majority-Black Senate district in Gwinnett and Dekalb Counties (District 9), and an additional majority-Black Senate district in Cobb County (District 6), for a total of 19 statewide.

- The Black population in south Metro Atlanta is sufficiently numerous and geographically compact to allow for the creation of at least two additional compact majority-Black Senate districts.

- The Black population in and around Georgia's eastern Black Belt counties (an area I define in greater detail below) is sufficiently numerous and geographically compact to form an additional compact majority-Black Senate district.

State House

- The 2021 House Plan contains 49 majority-Black districts (47 of which are also majority BCVAP).

- As shown in the Plaintiffs' Illustrative House Plan, a statewide House Plan can be drawn with at least 54 majority-Black districts (53 that are both BVAP and BCVAP), including four additional majority-Black districts anchored in south Metro Atlanta and two additional majority-Black districts in Georgia's Black Belt.

- The Black population in south Metro Atlanta is sufficiently numerous and geographically compact to allow for the creation of at least three additional compact majority-Black House districts in Metro Atlanta.

- The Black population in and around the eastern Black Belt counties is sufficiently numerous and geographically compact to form an additional compact majority-Black House district.

- The Black population in and around the western Black Belt counties is sufficiently numerous and geographically compact to form an additional compact majority-Black House district.

C. *Gingles* 1 Analysis – Focus Areas

12. According to the data collected in the 2020 Census, and as discussed in further detail below, Georgia's Black population has grown significantly since 2010. The State's Black population is up by 484,848 persons, the equivalent of 2.5 State Senate districts or eight entire State House districts. By contrast, the State's white population actually declined during that same period. Yet despite the significant growth in Georgia's Black population since 2010, almost no additional majority-Black districts are created in Georgia's 2021 Senate and House Plans.[6]

13. The 2021 Senate Plan merely maintains the status quo, with 14 majority-Black districts, the same number as in the previous plan which was enacted in 2012

[6] The ideal population size for a Senate district is 191,284 and 59,511 for a House district. Those numbers are derived from the State's total population and the number of seats in each body.

and first used in 2014 during mid-decade redistricting (the "2014 Benchmark Senate Plan").[7]

14. The 2021 House Plan has two more majority-Black districts than the previous plan, which was enacted in 2015 (the "2015 Benchmark House Plan") (and which in turn incorporated a discrete set of changes to the plan enacted in 2012).[8] That small increase is nowhere near commensurate with the significant growth of Georgia's Black population during that period.

15. Under the 2021 Senate Plan, 10 of the 14 majority-Black districts are in Metro Atlanta. Under the 2021 House Plan, 33 of the 49 majority-Black districts are in Metro Atlanta.[9]

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[7] I am counting Senate District 41 as majority-Black under the 2014 Benchmark Senate Plan. That district, which was 51.4% BVAP when drawn under the 2010 Census, slipped to 49.76% BVAP according to the 2020 Census (though it remained a BCVAP-majority district at 57.22% BCVAP).

Notably, Senate District 2 in the 2014 Benchmark Senate Plan was similarly drawn at 50.94% BVAP based on 2010 Census data, but had fallen to 47.09% BVAP under the 2020 Census (though it remained at 53.43% BCVAP). Under the 2021 Senate Plan and the Illustrative Senate Plan, District 2 is no longer majority-BVAP (46.86% in both plans) but remains majority-BCVAP (53.13% in both plans). I am not counting Senate District 2 as majority-Black under the 2014 Benchmark Senate Plan, though I note that doing so would result in the 2021 Senate Plan having one *fewer* majority-Black Senate district than its predecessor plan.

[8] The Senate and House plans initially enacted after the 2010 Census are included in Exhibits I-2 and V-2, *infra.* These historical plans are not substantially different than the Benchmark plans with respect to the number of majority-Black districts. The prior Senate and House maps, enacted in 2006, are also included in Exhibits I-3 and V-3, respectively.

[9] In this declaration, Metro Atlanta refers to the 29-county Atlanta Metropolitan Statistical Area ("MSA") defined by the U.S. Office of Management and Budget. It includes the Counties of Barrow, Bartow, Butts, Carroll, Cherokee, Clayton, Cobb, Coweta, Dawson, DeKalb, Douglas,

16. To determine where additional majority-Black districts could be drawn, I initially focused on areas with substantial Black populations, in particular:

(1) Metro Atlanta counties (as defined by the Atlanta-Sandy Springs-Alpharetta MSA boundaries) shown in the Census Bureau's map in **Exhibit C**;

(2) Georgia's Black Belt (as defined by the Georgia Budget and Policy Institute ("GBPI") shown in the map in **Figure 1**.[10] **Exhibit D** is an excerpt from the GBPI report (Appendix A) identifying the Black Belt counties and school districts depicted in Figure 1. More broadly, and as the GBPI report explains, the term "Black Belt" refers to a swath of the American South that historically had large numbers of enslaved Black persons, and that today continues to have substantial Black populations; in Georgia, the area comprising the Black Belt

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Fayette, Forsyth, Fulton, Gwinnett, Haralson, Heard, Henry, Jasper, Lamar, Meriwether, Morgan, Newton, Paulding, Pickens, Pike, Rockdale, Spalding, and Walton.

MSA is an abbreviation for "metropolitan statistical area." Metropolitan statistical areas are defined by the U.S. Office of Management and Budget and reported in historical and current census data produced by the Census Bureau. MSAs "consist of the county or counties (or equivalent entities) associated with at least one urbanized area of at least 50,000 population, plus adjacent counties having a high degree of social and economic integration with the core as measured through commuting ties."
https://www.census.gov/programs-surveys/metro-micro/about.html

[10] For a current and historical analysis of Georgia's Black Belt, see *Education in Georgia's Black Belt: Policy Solutions to Help Overcome a History of Exclusion* (Stephen Owens, October 10, 2019), published by the Georgia Budget & Policy Institute.
https://gbpi.org/education-in-georgias-black-belt.

extends roughly southwest from the area around Augusta to the southwest corner of the State.

Figure 1

Georgia's Black Belt School Districts

17. Upon review, I narrowed my focus to three regions within those larger areas (see maps in **Exhibit E** and **Figure 4** *infra*):

18. **(Region A) South Metro Atlanta**: suburban /exurban counties in a significantly Black, racially diverse, and geographically compact region that has emerged over the past quarter of a century—specifically, the counties of Fayette, Spalding, Henry, Rockdale, and Newton.

19. The Georgia Governor's Office of Planning and Budget projects that this 5-county region will have 725,000 residents by the time of the 2030 Census –

up by about 92,000 persons over the Census 2020 enumeration, of whom 61% will be non-White. African Americans are projected to account for about 60% of the non-White population increase.[11]

20. Under the 2021 Senate Plan, parts of three majority-Black districts are in the south Metro counties—Senate Districts 10, 34, and 43.

21. Under the 2021 House Plan, parts of seven majority-Black House districts are in these five south Metro counties.

22. **(Region B) Eastern Black Belt Area**: urban Black Belt Richmond County (Augusta) plus a group of rural Black Belt counties in a geographically compact area. The rural counties are home to a long-standing Black community that has not been in a majority-Black Senate district since the passage of the 1965 Voting Rights Act.

23. All of the Region B counties are part of the Central Savannah River Area, as shown in **Exhibit F** on the regional commission map prepared by the Georgia Department of Community Affairs ("GDCA").

24. As shown on the GDCA map, Region B encompasses the following Central Savannah River Area counties: (counter clockwise from east to west) Jenkins, Burke, Richmond, Jefferson, McDuffie, Wilkes, Taliaferro, Glascock,

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[11] https://opb.georgia.gov/census-data/population-projections.

Warren, Washington, and Hancock. Ten of these 11 contiguous counties—excluding Glascock (pop. 2,884)—are identified as part of Georgia's Black Belt by GBPI. Moreover, additional adjacent counties, such as Baldwin County, lie outside the Central Savannah River Area Regional Commission area but are also identified as part of the Black Belt by GBPI and have substantial Black populations.

25. The 2021 Senate Plan includes one majority-Black district in Region B—Senate District 22 (56.5% BVAP)—in Augusta/Richmond County, and a small part of another majority Black district—Senate District 26 (56.99% BVAP)—anchored in Macon/Bibb County.

26. The 2021 House Plan contains five majority-Black districts in the Region B area.

27. **(Region C) Western Black Belt Area**: urban Black Belt Dougherty County (Albany) plus a group of southwest Georgia rural Black Belt counties in a geographically compact area, implicitly identified in the area encompassed by majority-Black Senate District 12 (57.97% BVAP) in the 2021 Senate Plan.

28. Region C encompasses part of the Southwest Georgia and Valley River Area regional commission areas depicted on the GDCA map in **Exhibit F.**

29. The 2021 House Plan contains just two majority-Black House districts in Region C, even though there is obviously sufficient Black population to create

three districts in an area generally circumscribed by Senate District 12 in the 2021 Senate Plan.

30. Senate District 12 encompasses 13 counties: (counter clockwise from north to south on the GDCA map) Sumter, Webster, Stewart, Quitman, Randolph, Terrell, Clay, Calhoun, Dougherty, Early, Miller, Baker, and Mitchell. Twelve of the 13 counties—excluding Miller (pop. 6,000)— are identified by GBPI as Black Belt counties.[12] Moreover, additional adjacent counties, such as Thomas County, lie outside of Senate District 12 in 2021 Senate Plan but are also identified as part of the Black Belt by GBPI and have substantial Black populations.

D. Organization of Declaration

31. The remainder of this declaration is organized as follows: **Section II** reviews state and regional demographics since 1990. **Section III** reviews the benchmark 2014 Senate Plan and the 2021 Senate Plan**. Section IV** presents the Illustrative Senate Plan that I have prepared, containing 19 majority-Black districts. **Section V** reviews the benchmark 2015 House Plan and the enacted 2021 House Plan**. Section VI** presents the Illustrative House Plan that I have prepared, containing 54 majority-Black districts.

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[12] Plaintiffs' Illustrative Senate Plan also contains a majority-Black Senate District in the same general area of southwest Georgia, Illustrative Senate District 12 (57.34% BVAP).

II. DEMOGRAPHIC PROFILE – STATEWIDE AND REGIONAL

32. This section provides current and historical population summaries for Georgia, Metro Atlanta, and for the three distinct areas where additional majority-Black House districts can be created—generally defined by **(Region A)** the 5-county south Metro Atlanta area, **(Region B)** the 11-county in the eastern Black Belt within the Augusta/Central Savannah River Regional Commission area, and **(Region C)** the 13-county western Black Belt around Albany and Southwest Georgia.

A. 2010 to 2020: A Decade of Minority Population Growth in Georgia

33. According to the 2020 Census, Georgia has a total population of 10,711,908—up by 1.02 million since 2010. Georgia's population growth since 2010 can be attributed entirely to gains in the overall minority population.

34. Between 2010 and 2020, nearly half (47.26%) of the State's population gain is attributed to Black population growth.

35. **Figure 2** reveals that Georgia's Black population, as a share of the overall statewide population, increased between 2010 and 2020 from **31.53%** Black in 2010 to **33.03%** in 2020. Over the 2010 to 2020 decade, the Black population in Georgia increased by 484,048 persons—an increase of nearly 16% from the 2010 baseline. By contrast, between 2010 and 2020, the non-Hispanic White ("NH White") population fell by -51,764 persons.

Figure 2

Georgia – 2010 Census to 2020 Census Population by Race and Ethnicity

	2010 Number	Percent	2020 Number	Percent	2010 - 2020 Change	% 2010 - 2020 Change
Total Population	9,687,653	100.0%	10,711,908	100.00%	1,024,255	10.57%
NH White*	5,413,920	55.88%	5,362,156	50.06%	-51,764	-0.96%
Total Minority Pop.	4,273,733	44.12%	5,349,752	49.94%	1,076,019	25.18%
Latino	853,689	8.81%	1,123,457	10.49%	269,768	31.60%
NH Black*	2,910,800	30.05%	3,278,119	30.60%	367,319	12.62%
NH Asian*	311,692	3.22%	475,680	4.44%	163,988	52.61%
NH Hawaiian and PI*	5,152	0.05%	6,101	0.06%	949	18.42%
NH American Indian and Alaska Native*	21,279	0.22%	20,375	0.19%	-904	-4.25%
NH Other*	19,141	0.20%	55,887	0.52%	36,746	191.98%
NH Two or More Races	151,980	1.57%	390,133	3.65%	238,153	156.70%
SR Black (Single-race Black)	2,950,435	30.46%	3,320,513	31.00%	370,078	12.54%
AP Black (Any Part Black)	3,054,098	31.53%	3,538,146	33.03%	484,048	15.85%
NH Any Part Black	2,997,627	30.94%	3,455,484	32.26%	457,857	10.57%

* Single-race, non-Hispanic.

36. Non-Hispanic Whites are a razor-thin majority of the 2020 population (50.06%). Black Georgians account for one-third (33.03%) of the population and comprise the largest minority population, followed by Latinos (10.05%).

B. Voting Age and Citizen Voting Age Populations in Georgia

37. As shown in **Figure 3**, African Americans in Georgia constitute a slightly smaller percentage of the voting age population (VAP) than the total population. According to the 2020 Census, Georgia has a total VAP of 8,220,274 – of whom 2,607,986 (31.73%) are AP Black. The NH White VAP is 4,342,333 (52.82%).

Figure 3

Georgia – 2020 Voting Age Population &2019 Estimated Citizen Voting Age Population by Race and Ethnicity[13]

	2020 VAP	2020 VAP Percent	2019 CVAP Percent
Total	8,220,274	100.00%	100.00%
NH White 18+	4,342,333	52.82%	.57.6%
Total Minority 18+	3,877,941	47.18%	42.4%
Latino 18+	742,918	9.04%	5.0%
Single-race Black (Including Black Hispanics) 18+	2,488,419	30.27%	32.9%
Any Part Black (Including Black Hispanics) 18+	2,607,986	31.73%	33.8%

38. The rightmost column in **Figure 3** reveals that both the Black and NH White population comprise a higher percentage of CVAP than the corresponding VAP, owing to higher non-citizenship rates among other minority populations.

39. According to estimates from the 1-year 2019 *American Community Survey* ("ACS"), African Americans represent 33.8% of the statewide CVAP—

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[13] Sources:
PL94-171 Redistricting File (Census 2020);

Table S2901 – CITIZEN, VOTING-AGE POPULATION BY SELECTED CHARACTERISTICS (1-year 2019 ACS)
https://data.census.gov/cedsci/table?q=S2901&g=0400000US13&tid=ACSST1Y2019.S2901.

2019 ACS 1-Year Estimates 1-Year Estimates-Public Use Microdata Sample
https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP(18:99)&cv=RACBLK(1)&rv=ucgid,CIT(1,2,3,4)&wt=PWGTP&g=0400000US13.

about 2 percentage points higher than the 2020 AP Black VAP. The NH White CVAP is 57.6%, nearly 5 points higher than NH White VAP in the 2020 Census.[14]

C. 2020 Census Spatial Distribution of Georgia's Black Population

40. The map in **Figure 4** depicts the 2020 Black population percentage for Georgia's 159 counties. 67 are in the 20% to 40% range, 33 are 40% to 60%, and 8 are between 60% and 73%. The bold black boundary identifies the Atlanta MSA.

Figure 4

2020 Census – Black Population by County

[14] Due to the COVID-19 pandemic, the 1-year 2020 ACS results will not be published. Source: https://www.census.gov/newsroom/press-releases/2021/changes-2020-acs-1-year.html.

41. Color lines on the **Figure 4** map demarcate the areas I focused on to determine prospects for additional majority-Black House districts: **Region A** (blue outline), which is south Metro Atlanta; **Region B** (red outline), a group of Black Belt counties around Augusta (Richmond County); and **Region C** (green outline), a group of Black Belt counties around Albany (Dougherty County). A high-resolution version of the **Figure 4** map is in **Exhibit E**.

42. **Exhibit G-1** is a table showing 2010 and 2020 county populations by race and ethnicity, with population change between 2010 and 2020. **Exhibit G-2** is a table showing the percentage Black population changes by county between 2010 and 2020. **Exhibit G-3** is a table showing 2000 and 2010 county populations by race and ethnicity, with population change between 2000 and 2010. **Exhibit G-4** is a table showing 1990 and 2000 county populations by race and ethnicity, with population change between 1990 and 2000.

D. Black Population as a Component of Total Population from 1990 to 2020

(1) Georgia – Statewide

43. As shown in **Figure 5**, Georgia's Black population has increased significantly in absolute and percentage terms since 1990, from about 27% in 1990 to 33% in 2020. Over the same time period, the percentage of the population identifying as NH White has dropped from 70% to 50%.

Figure 5

Georgia – 1990 Census to 2020 Census
Population by Race and Ethnicity

	1990 Number	Percent	2000 Number	Percent	2010 Number	Percent	2020 Number	Percent
Total Population	6,478,216	100.00%	8,186,453	100.00%	9,687,653	100.0%	10,711,908	100.00%
NH White	4,543,425	70.13%	5,128,661	62.65%	5,413,920	55.88%	5,362,156	50.06%
Total Minority Pop.	1,934,791	29.87%	3,057,792	37.35%	4,273,733	44.12%	5,349,752	49.94%
Latino	108,922	1.68%	435,227	5.32%	853,689	8.81%	1,123,457	**10.49%**
Black*	1,746,565	26.96%	2,393,425	**29.24%**	3,054,098	**31.53%**	3,538,146	**33.03%**

* SR Black in 1990 – AP Black 2000-2020.

(2) Metro Atlanta – 29-County MSA

44. **Figure 6** summarizes the obvious. The key driver of population growth in Georgia this century has been Metro Atlanta, led in no small measure by a large increase in the Black population in the area. (See **Exhibit C** depicting the 29-county MSA area with bold green lines).

Figure 6

29-County MSA – Metro Atlanta – 1990 to 2020
Population by Race and Ethnicity

	1990 Number	Percent	2000 Number	Percent	2010 Number	Percent	2020 Number	Percent
Total Population	3,082,308	100.00%	4,263,438	100.00%	5,286,728	100.00	6,089,815	100.00%
NH White	2,190,859	71.08%	2,576,109	60.42%	2,684,571	50.78%	2,661,835	43.71%
Total Minority Pop.	891,449	28.92%	1,687,329	39.58%	2,602,157	49.22%	3,427,980	56.29%
Latino	58,917	1.91%	270,655	6.35%	547,894	10.36%	730,470	11.99%
Black*	779,134	25.28%	1,248,809	29.29%	1,776,888	33.61%	2,186,815	35.91%

* SR Black in 1990, AP Black 2000-2020.

45. Under the 1990 Census, today's 29 county-MSA was 25.28% Black, increasing to 35.91% in 2020. Since 2000, the Black population in Metro Atlanta has climbed by 75%, from 1,248,809 to 2,186,815 in 2020.

46. According to the 2020 Census, 56.29% of Metro Atlanta residents are non-White—a major shift compared to the previous decade. In 2010, NH Whites represented 50.78% of the population.

47. According to the 2020 Census, the 11 core counties comprising the Atlanta Regional Commission ("ARC") service area[15] account for more than half (54.7%) of the statewide Black population. After expanding the Metro Atlanta area to include the 29 counties in the Atlanta MSA (including the 11 ARC counties), Metro Atlanta encompasses 61.81% of the state's Black population.

(3) Region A – 5-County South Metro Atlanta

48. The table in **Figure 7** presents similar 1990 to 2020 population details for the five south Metro Atlanta counties (**Region A**), where I have determined that two additional majority-Black Senate districts and at least three additional majority-Black House districts can be drawn.

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[15] https://atlantaregional.org/atlanta-region/about-the-atlanta-region.

Figure 7

Region A – 5-County South Metro Atlanta – 1990 to 2020
Population by Race and Ethnicity

	1990 Number	Percent	2000 Number	Percent	2010 Number	Percent	2020 Number	Percent
Total Population	271,512	100.00%	401,133	100.00%	559,735	100.00%	633,265	100.00%
NH White	227,297	83.72%	305,779	76.23%	305,092	54.51%	262,792	41.50%
Total Minority Pop.	44,215	16.28%	95,354	23.77%	254,643	45.49%	370,473	58.50%
Latino	2,757	1.02%	11,560	2.88%	33,722	6.02%	48,287	7.63%
Black*	38,945	14.34%	74,249	18.51%	205,426	36.70%	294,914	46.57%

* SR Black in 1990, AP Black 2000-2020.

49. As is readily apparent from the **Figure 7** timeline, south Metro Atlanta has undergone a dramatic demographic transformation over the past 30 years. In 1990, just 14.34% of the population in the 5-county south Metro Atlanta area was Black. By 2010, the Black population had more than doubled to reach 36.70% of the overall population, then climbing to 46.57% in 2020.

50. Between 2000 and 2020, the Black population in the 5-county south Metro Atlanta region quadrupled, from 74,249 to 294,914. The NH White population in the region actually decreased during the same period.

(4) Region B – Eastern Black Belt

51. In contrast to south Metro Atlanta, the Black Belt counties in the Augusta area have experienced a slight overall population decline since 1990, from 331,615 to 325,164 in 2020. However, the Black population in the region has

grown. **Figure 8** reveals that a 19% increase in the Black population since 1990 has been offset by a 28.7% decline in the NH White population.

Figure 8

Region B – Eastern Black Belt Area - 1990 to 2020
Population by Race and Ethnicity

	1990 Number	Percent	2000 Number	Percent	2010 Number	Percent	2020 Number	Percent
Total Population	331,615	100.00%	321,998	100.00%	322,852	100.00	325,164	100.00%
NH White	174,163	52.52%	146,870	45.61%	133,467	41.34%	124,115	38.17%
Total Minority Pop.	157,452	47.48%	175,128	54.39%	189,385	58.66%	201,049	61.83%
Latino	4,412	1.33%	7,173	2.23%	11,179	3.46%	14,751	4.54%
Black*	149,307	45.02%	163,130	50.66%	173,238	53.66%	177,610	54.62%

* SR Black in 1990 – AP Black 2000-2020.

52. In 1990, the Black population in Region B represented 45.02% of the total population, climbing to 54.62% in 2020.

53. The 2020 population in the 11-county area that I identified as Region B is sufficient to form only about 1.7 Senate districts or 5.5 House districts, which is below what would be necessary to create a second majority-Black Senate district or a sixth majority-Black House district. However, as shown in the Illustrative Senate and House Plans discussed in this report, this population deficit can be overcome, and additional majority-Black Senate and House districts can be drawn, by including contiguous, demographically similar Black Belt counties such as Baldwin, Putnam, and Wilkinson in the additional districts.

(5) Region C – Western Black Belt

54. As shown in **Figure 9**, the western Black Belt has experienced a population decline since 2010, after holding relatively stable between 1990 and 2010. All of the population loss can be attributed to a steady decline in the NH White population over the past several decades

Figure 9

Region C – Western Black Belt Area - 1990 to 2020
Population by Race and Ethnicity

	1990 Number	Percent	2000 Number	Percent	2010 Number	Percent	2020 Number	Percent
Total Population	205,742	100.00%	214,686	100.00%	209,747	100.00	190,819	100.00%
NH White	100,751	48.97%	90,946	42.36%	76,748	36.59%	64,553	33.83%
Total Minority Pop.	104,991	51.03%	123,740	57.64%	132,999	63.41%	126,266	66.17%
Latino	1,485	0.72%	3,588	1.67%	7,377	3.52%	7,429	3.89%
Black*	102,728	49.93%	118,786	55.33%	123,663	58.96%	115,621	60.59%

* SR Black in 1990, AP Black 2000.

55. In 1990, NH Whites constituted about half of the overall population. By 2020, NH Whites comprised only about one-third. Over the same time period, the Black population grew in absolute terms from 102,728 to 115,621, representing just under half the population in 1990, but 60.6% of the population by 2020.

56. There is insufficient population to create an additional majority-Black Senate district in Region C and the counties immediately adjacent to Region C in the western Black Belt. However, as shown in the illustrative plans discussed in this report, an additional House district can be drawn in the area.

E. County and Municipal Socioeconomic Characteristics

57. For background on socioeconomic characteristics by race and ethnicity at the county and community level in Georgia, I have prepared charts based on the 5-year 2015-2019 American Community Survey. That data is compiled online[16] and has been included in a compact-disk as **Exhibit CD**.

[16] The county level data is available at http://www.fairdata2000.com/ACS_2015_19/Georgia/ and the community-level data is available at http://www.fairdata2000.com/ACS_2015_19/Georgia/00_Places_2500+/.

III. SENATE – HISTORICAL BENCHMARK PLANS AND 2021 PLAN

A. Majority-Black Senate Districts – 1990s Plan to 2021 Plan

58. As shown in **Figure 10**, despite the significant growth in Georgia's Black population since 2000—climbing by 1.2 million persons—the number of majority-Black Senate districts has only inched up to 14 from 13 in the 2006 Plan, and has remained static for the last decade.

Figure 10

Number of Majority-Black Senate Districts by Plan – 2000 to 2021

Senate Plans[17]	Statewide Majority-Black Districts	Metro Atlanta Majority-Black Districts
1990s Plan – 2000 Census	12	7
2006 Plan – 2010 Census	13	10
2014 Plan – 2020 Census	14	10
2021 Plan – 2020 Census	14	10

59. As **Figure 11** reveals, despite the major changes in the composition of the State's population, the percentage of Black Georgians of voting age in majority-Black Senate districts has hovered around 50% since the mid-2000s, while the percentage of the NH White VAP in majority-White districts has stayed above 80%

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[17] As discussed *supra* n.8, I am including Senate District 41 as majority-Black under the 2014 Benchmark Senate Plan, even though it had fallen to 49.76% BVAP by the 2020 Census. Notably, when the 2014 Benchmark Senate Plan was drawn, it had 15 total BVAP-majority districts under the 2010 Census, including both Senate District 41 and Senate District 2 in Savannah. In that sense, the 2021 Senate Plan actually represents a *diminution* of one majority-Black district from the last districting effort.

over the same timeframe—indicating that Black populations are disproportionately "cracked" or divided into majority-White districts rather than placed in majority-Black districts.[18]

Figure 11

Same Race VAP in Majority-Black and Majority NH White Districts – 2000 to 2021

Senate Plans	Statewide % Black VAP in Majority-Black Districts*	Statewide %NH White VAP in Majority-White Districts
1990s Plan – 2000 Census	43.51%	90.51%
2006 Plan – 2010 Census	53.84%	83.88%
2014 Plan – 2020 Census	52.29%	80.64%
2021 Plan – 2020 Census	52.45%	80.54%

* Including Senate District 2 for all years and Senate District 41 for 2014 and 2021.

B. 2014 Benchmark Senate Plan

60. The map in **Figure 12** displays 2014 Benchmark Senate Plan districts in south Metro Atlanta (Region A) and in the eastern Black Belt (Region B). Labels on the map display the district number and the BVAP percentages, according to the 2020 Census. Green labels and borders identify majority-Black districts. **Exhibit H** is a higher resolution version of the **Figure 12** map.

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[18] "Packing" describes election districts where a minority population is unnecessarily concentrated, resulting in an overall dilution of minority voting strength in the voting plan. "Cracking" describes election plans with one or more districts that fragment or divide the minority population, also resulting in an overall dilution of minority voting strength in the voting plan.

Figure 12: *2014 Benchmark Senate Plan – Region A and Region B*

61. **Exhibit I-1** contains a map packet depicting the 2014 Benchmark Senate Plan, with corresponding Census 2010 statistics, prepared by the Georgia Legislative & Congressional Reapportionment Office ("GLCRO"). **Exhibit I-2** shows the map for the prior 2011-enacted Senate plan, and **Exhibit I-3** shows the map for the Senate plan enacted in 2006.

62. **Exhibit J-1** is a table reporting Census 2020 population statistics for the 56 districts in the 2014 Benchmark Senate Plan, as well as CVAP estimates from

the 5-year 2015-2019 Special Tabulation.[19] **Exhibits J-2** and **J-3** provide similar population data for the prior, 2011-enacted and 2006-enacted plans.

63. As a result of the dramatic population shifts in Georgia since 2010, the 2014 Benchmark Senate Plan is severely malapportioned, with an overall deviation of 47.75%, according to the 2020 Census.

64. Including Senate District 41 in Metro Atlanta, *see supra* nn.8 & 19, 2014 Benchmark Senate Plan contains 14 majority-Black districts. Fifteen districts in the 2014 Benchmark Plan are BCVAP-majority (the 14 BVAP majority ones plus Senate District 2 in Chatham County). Seventeen are B+L+ACVAP.

65. Additional 2014 Benchmark Senate Plan information regarding compactness scores, county splits, and VTD splits is reported *infra* for comparison with the Illustrative Senate Plan metrics.

C. 2021 Senate Plan

66. The map in **Figure 13** displays 2021 Senate Plan districts in south Metro Atlanta (Region A) and in the eastern Black Belt (Region B). Green labels and borders identify majority-Black districts. **Exhibit K** is a higher resolution version of the **Figure 13** map.

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[19] https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.html.

Figure 13: *2021 Senate Plan – Region A and Region B*

67. **Exhibit L** contains a map packet depicting the 2021 Senate Plan, with corresponding Census 2020 statistics, prepared by GLCRO.

68. **Exhibit M** is a table reporting Census 2020 population statistics for the 56 districts in the 2021 Plan, as well as CVAP estimates from the 5-year 2015-2019 Special Tabulation.

69. The 2021 Senate Plan contains 14 majority-Black districts (BVAP). Fifteen are BCVAP majority (the 14 BVAP-majority plus Senate District 2 in

Chatham County). Eighteen districts in the 2021 Senate Plan are majority B+L+ACVAP.

70. Additional 2021 Plan information regarding compactness scores, county splits, VTD splits, and incumbent conflicts is reported for comparison with the Illustrative Senate Plan described in the next section.

IV. ILLUSTRATIVE SENATE PLAN

A. Statewide

71. The map in **Figure 14** displays Illustrative Senate Plan districts, with the map zoomed to identify the three additional majority Black districts (large green labels and borders) in south Metro Atlanta (Region A) and in the Black Belt (Regions B). **Exhibit N-1** is a higher resolution version of the **Figure 14** map.

Figure 14

72. **Exhibit N-2** contains maps for each of the 19 majority-Black districts in the Illustrative Plan.

73. **Exhibit O** is a table reporting Census 2020 population statistics for the 56 districts in the Illustrative Senate Plan, as well as CVAP estimates from the 5-year 2015-2019 Special Tabulation.

74. The Illustrative Senate Plan contains 19 majority-Black districts (BVAP). As with the 2014 Benchmark Senate and 2021 Senate Plans, there is an additional BCVAP-majority district in District 2 in Chatham County. Twenty-one districts in the Illustrative Senate Plan are majority B+L+ACVAP.

B. Additional Majority Black Districts in the Illustrative Senate Plan

75. The text descriptions of the additional majority-Black Senate districts in the Illustrative Senate Plan set forth below are illustrated with side-by-side comparison map exhibits, depicting the Illustrative Senate Plan and 2021 Senate Plan at the same scale. For ease of reference, these side-by-side pairings are also included in Exhibits as marked below.

76. In these maps, majority-Black districts are outlined with bold green boundaries and labels.

(1) South Metro Atlanta (Region A)

Illustrative District 28 (**Exhibit P-1**) and 2021 Plan District 16 (**Exhibit P-2**)

Figure 15: *Illustrative District 28 and vicinity*

77. Senate District 16 in the 2021 Senate Plan lies in the south and southwestern part of the Atlanta Metro area. It includes parts of Fayette and Spalding County. Both Fayette and Spalding County in particular have seen significant, double-digit growth in their Black populations over the last decade, including a near-doubling of the Black population in Fayette County in particular,

even as the White population there fell. Senate District 16 was nevertheless drawn with a BVAP of under 23% by combining Fayette and Spalding Counties with Whiter and more rural Pike and Lamar Counties.

Figure 16: *2021 Plan District 16 and vicinity*

78. A majority-Black Senate District can be drawn around where 2021 Senate Plan District 16 was drawn by "unpacking" some of the Black population in neighboring Senate Districts 34 and 44 (which include parts of Clayton County as well as part of Fayette County in Senate District 34 and part of Dekalb County in Senate District 44). In the 2021 Senate Plan, those neighboring districts are drawn with around 70% and 65% BVAP. Unpacking those districts allows a majority-Black Illustrative Senate Plan District 28 to be drawn in Fayette, Spalding, and a neighboring part Clayton County (which has also seen 30% growth in its substantial Black population), "uncracking" the Black population that had been drawn into 2021 Senate Plan District 16.

Illustrative District 17 (**Exhibit Q-1**) and 2021 Plan District 17 (**Exhibit Q-2**)

Figure 17: *Illustrative District 17 and Vicinity*

79. An additional majority-Black State Senate district can be drawn around where Senate District 17 in the 2021 Senate Plan was drawn. Senate District 17 as drawn in the 2021 Senate Plan, includes parts of Henry, Newton, and Walton Counties, and all of Morgan County, and lies in the southeastern part of the Atlanta Metro area.

Figure 18: *2021 Plan District 17 and Vicinity*

80. Of the counties in 2021 Senate District 17: Henry County's BVAP increased by almost 75% in the last decade (to nearly 60%) and Newton County's increased by more than 45% (to almost 50% of the total VAP of the county). Meanwhile, Dekalb and Rockdale Counties, which border Henry and Newton Counties, also have substantial Black populations. For example, Rockdale County is majority Black, and the county's BVAP increased by 53% over the last decade. Senate District 17 was nevertheless drawn in 2021 with a BVAP under 34%.

81. A majority-Black Senate District 17 can be drawn around where 2021 Senate Plan District 17 was drawn by "unpacking" the Black population in a number of neighboring districts, including 2021 Senate Plan Districts 10 and 43 (which include parts of Henry, Rockdale, and Newton Counties). Under the 2021 Senate Plan, those two districts were drawn with BVAPs of over 70% and almost 65%, respectively. Unpacking those districts allows a majority-Black Illustrative Senate Plan District 17 to be drawn in Henry as well as Rockdale and Dekalb Counties, "uncracking" the Black population in Henry County that had been drawn into 2021 Senate Plan District 17, which under the 2021 Senate Plan has been combined with predominantly White populations in Walton and Morgan Counties.[20]

[20] In addition, the Illustrative Senate Plan places the booming Black population of Newton County in another majority-Black district, District 43.

(2) Eastern Black Belt (Region B)

Illustrative District 23 (**Exhibit R-1**) and 2021 Plan District 23 (**Exhibit R-2**)

Figure 19: *Illustrative District 23 and Vicinity*

82. Another additional majority-Black State Senate district can be drawn around where Senate District 23 in the 2021 Senate Plan was drawn. Senate District 23 as drawn in the 2021 Senate Plan lies around the City of Augusta, including outlying parts of Richmond County and a number of surround Black Belt counties in the larger Augusta region, including Burke, Jefferson, Warren, and Taliaferro Counties. As noted already, the Black population in that region has increased,

although that growth has been offset by White population decline. Senate District 23 was drawn with a BVAP of under 36%.

Figure 20: *2021 Plan District 23 and Vicinity*

83. An additional majority-Black State Senate district can be drawn in the Augusta region, around where SD 23 was drawn, by "unpacking" the Black population in Senate District 22 (central Augusta) and Senate District 26 (which includes adjacent Black Belt counties to the west, such as Hancock County) and by "uncracking" the Black populations in Senate District 23 and Senate District 25 (which includes additional contiguous Black Belt counties such as Baldwin

County). This more even distribution allows a majority-Black Illustrative Senate Plan District 23 to be drawn in the area including Richmond County and much of the Augusta-area Black Belt counties, "uncracking" the Black population that had been drawn into 2021 Senate Plan District 23.

C. Supplemental Plan Information

84. Compactness scores for the Illustrative Senate Plan are within the norm. The **Exhibit S** series contains compactness scores generated by the software program Maptitude for Redistricting.

85. The table in **Figure 21** (condensed from the Exhibit S series) reports Reock[21] and Polsby-Popper[22] scores for the Illustrative Senate Plan (**Exhibit S-1**), alongside scores for the 2014 Benchmark Senate Plan (**Exhibit S-2**) and the 2021 Senate Plan (**Exhibit S-3**).

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[21] "The Reock test is an area-based measure that compares each district to a circle, which is considered to be the most compact shape possible. For each district, the Reock test computes the ratio of the area of the district to the area of the minimum enclosing circle for the district. The measure is always between 0 and 1, with 1 being the most compact. The Reock test computes one number for each district and the minimum, maximum, mean and standard deviation for the plan." Caliper Corporation, *Maptitude For Redistricting* Software Documentation.

[22] The Polsby-Popper test computes the ratio of the district area to the area of a circle with the same perimeter: 4pArea/(Perimeter2). The measure is always between 0 and 1, with 1 being the most compact. The Polsby-Popper test computes one number for each district and the minimum, maximum, mean and standard deviation for the plan. *See* Caliper Corporation, *Maptitude For Redistricting* Software Documentation.

Figure 21

Compactness Scores – Illustrative Senate Plan and 2014 Benchmark and 2021 Senate Plans

	Reock			Polsby-Popper	
	Mean	Low		Mean	Low
Illustrative Senate Plan	.38	.17		.25	.11
2014 Benchmark Senate Plan	.43	.14		.27	.11
2021 Senate Plan	.42	.18		.29	.12

86. **Exhibit T-1** contains a county and VTD split report generated by Maptitude for all districts in the Illustrative Senate Plan. See also **Exhibit T-2** (2014 Benchmark Senate Plan) and **Exhibit T-3** (2021 Senate Plan).

87. County and VTD splits are within the norm for a typical legislative plan. The table in **Figure 22** summarizes county and 2020 VTD splits under the Illustrative Senate Plan, the 2014 Benchmark Senate Plan, and the 2021 Senate Plan.

Figure 22

County and VTD Splits – Illustrative Plan versus 2014 Benchmark and 2021 Senate Plans

	County Splits (Populated)	Unique County-District Combinations	2020 VTD Splits (Populated)
Illustrative Senate Plan	33	59	54
2014 Benchmark Senate Plan	38	65	84
2021 Senate Plan	29	63	37

88. Based on incumbent address information obtained from the Redistricting Data Hub, the following districts in the Illustrative Senate Plan may have incumbent conflicts: 20 and 56.

89. Based on incumbent address information obtained from the Redistricting Data Hub, the following districts in the 2021 Senate Plan may have incumbent conflicts: 13 and 52.

D. Online Interactive Map

90. The Illustrative Senate Plan can also be viewed online in detail on the *Dave's Redistricting Application* (DRA) website via the link below. https://davesredistricting.org/join/f029239b-b5cc-444a-89cb-6409f92d8eb9.

V. HOUSE – HISTORICAL BENCHMARK PLANS AND 2021 PLAN

A. Majority-Black House Districts – 1990s Plan to 2021 Plan

91. As shown in **Figure 23**, and despite the significant growth in Georgia's Black population over the past two decades discussed earlier in this report, the number of majority-Black House districts has climbed by just five districts from 45 (25% of districts) in the 2006 plan to 49 (27.2%) in the 2021 Plan, and has remained more or less static for the last decade.

Figure 23

Number of Majority- Black House Districts by Plan –2000 to 2021

House Plans	Statewide Majority-Black Districts	Metro Atlanta Majority-Black Districts
1990s Plan – 2000 Census	37	22
2006 Plan – 2010 Census	45	30
2012 Plan – 2010 Census	48	32
2015 Plan – 2020 Census	47	31
2021 Plan – 2020 Census	49	33

92. Since the enactment of the 2006 Plan, just three majority-Black districts have been added in Metro Atlanta, even as the Black population in the 29-county area has climbed by over 400,00 persons—the equivalent of nearly seven House districts based on the 2020 ideal district size.

93. Despite the nominal increase in majority-Black House districts since 2006, **Figure 24** reveals that the percentage of Black Georgians of voting age in

majority-Black House districts is only slightly higher than in the 1990s (52% vs. 45%). Under the 2021 Plan, the percentage of the NH White population in majority-White districts is down from the 1990s (76% vs. 90%). Still, as with the Senate, given the 25-point Black-White gap, Black populations are disproportionately "cracked" or divided into majority-White districts in the House as well.

Figure 24

Same Race VAP in Majority-Black and Majority NH White Districts– 2000 to 2021

House Plans	Statewide % Black VAP in Majority-Black Districts*	Statewide %NH White VAP in Majority-White Districts
1990s Plan – 2000 Census	44.81%	90.49%
2006 Plan – 2010 Census	44.61%	83.73%
2015 Plan – 2020 Census	47.94%	77.6%
2021 Plan – 2020 Census	51.65%	76.16%

*Including Districts that are both BVAP- and BCVAP-majority.

B. 2015 Benchmark House Plan

94. The map in **Figure 25** displays 2015 Benchmark House Plan districts in south Metro Atlanta (Region A) and in the eastern and western Black Belt (Regions B and C). Labels on the map display the district number and the BVAP percentages, according to the 2020 Census. Green labels and borders identify majority-Black districts.

Figure 25: *2015 Benchmark House Plan – Regions A, B, and C*

95. The map depicted in **Figure 25** is also included as **Exhibit U**.

96. **Exhibit V-1** contains a map packet depicting the Benchmark 2015 House Plan, with corresponding Census 2010 statistics, prepared by GLCRO. **Exhibit V-2** shows the map for the prior 2012-enacted House plan, and **Exhibit V-3** shows the map for the House plan enacted in 2006.

97. **Exhibit W-1** is a table reporting Census 2020 population statistics for the 180 districts in the 2015 Benchmark House Plan, as well as CVAP estimates

from the 5-year 2015-2019 Special Tabulation.[23] **Exhibits W-2** and **W-3** provide similar population information for the prior, 2012-enacted and 2006-enacted plans.

98. As a result of the dramatic population shifts in Georgia since 2010, the 2015 Benchmark House Plan is severely malapportioned, with an overall deviation of 56.66%, according to the 2020 Census.

99. The 2015 Benchmark House Plan contains 47 majority-Black districts, with 48 BCVAP-majority districts and 62 districts that are B+L+ACVAP majority.

100. For comparison with the Illustrative House Plan, additional 2015 Benchmark House Plan information regarding compactness scores, county splits, VTD splits, and incumbent conflicts is reported *infra*.

C. 2021 House Plan

101. The map in **Figure 26** displays 2021 House Plan districts in south Metro Atlanta (Region A) and in the eastern and western Black Belt (Regions B and C). Green labels and borders identify majority-Black districts.

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[23] https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.html.

Figure 26: *2021 Plan – Regions A, B, and C*

102. A version of **Figure 26** is included as **Exhibit X**.

103. **Exhibit Y-1** contains a map packet depicting the 2021 House Plan, with corresponding Census 2020 statistics, prepared by GLCRO. **Exhibit Y-2** is a table reporting Census 2020 population statistics for the 180 districts in the 2021 House Plan, as well as CVAP estimates from the 5-year 2015-2019 Special Tabulation.

104. The 2021 House Plan contains 49 majority-Black districts, with 49 BCVAP-majority districts, and 47 that are both BVAP and BCVAP-majority. Sixty-two districts in the 2021 House Plan are majority B+L+ACVAP.

105. For comparison, additional 2021 House Plan information regarding compactness scores, county splits, VTD splits, and incumbent conflicts is reported *infra*.

VI. ILLUSTRATIVE HOUSE PLAN

A. Statewide

106. The map in **Figure 27** displays Illustrative House Plan districts, with the map zoomed to identify additional majority Black districts (large green labels) in south Metro Atlanta (Region A) and in the Black Belt (Regions B and C).

Exhibit Z-1 is a higher resolution version of the **Figure 27** map.

Figure 27: *Illustrative Plan – New Majority-Black Districts –73, 110, 111, 144, and 153*

107. **Exhibit Z-2** is a table reporting Census 2020 population statistics for the 180 districts in the Illustrative House Plan, as well as CVAP estimates from the 5-year 2015-2019 Special Tabulation.[24]

108. The Illustrative House Plan contains 54 majority-Black districts (BVAP), with 54 majority-BCVAP districts and 53 that are both BVAP and BCVAP-majority. Sixty-nine districts in the Illustrative House Plan are majority B+L+ACVAP.

109. **Exhibit AA** contains detailed maps for the 54 districts that are BVAP-majority under the Illustrative House Plan, including the additional majority-Black districts in the Illustrative Plan.

B. Additional Majority Black Districts in the Illustrative Plan

110. The text descriptions of four of the additional majority-Black districts in the Illustrative House Plan set forth below are illustrated with paired comparison map exhibits, depicting the Illustrative House Plan and 2021 House Plan at the same scale. For ease of reference, these side-by-side pairings are also included in Exhibits as marked below.

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[24] https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.html.

111. In these maps, majority-Black districts are outlined with bold green boundaries and green labels.

(1) South Metro Atlanta (Region A)

Illustrative District 73 (**Exhibit AB-1**) & 2021 Plan District 74 (**Exhibit AB-2**)

Figure 28: *Illustrative Plan District 73 and Vicinity*

112. House District 74 in the 2021 House Plan lies in the south Atlanta Metro area and includes parts of Fayette, Spalding, and Henry Counties. The BVAP of the district as drawn is under 26%.

Figure 29: *2021 Plan District 74 and Vicinity*

113. An additional majority-Black House District could have been drawn in that area by "unpacking" the Black population in (among others) 2021 House Plan District 78 (which stretches into Clayton County) and "uncracking" the Black population in House Districts 74 and 117, both of which include counties such as Henry County that have seen substantial Black population growth and are now themselves majority Black. Unpacking those districts allows a majority-Black

Illustrative House Plan District 73 to be drawn in Henry, Spalding, and a neighboring part of Clayton County.[25]

Illustrative District 110 (**Exhibit AC-1**) & 2021 Plan District 117 (**Exhibit AC-2**)

Figure 30: *Illustrative Plan: District 110 and vicinity*

114. At least one additional majority-Black House district can be drawn around where House District 117 in the 2021 House Plan was drawn. House

[25] As shown on the **Figure 28** map, Illustrative House Plan District 109 in Henry and Clayton Counties is majority-BVAP (55.9%), but is just barely below the 50% BCVAP threshold (49.97% BCVAP).

District 117 in the 2021 House Plan lies in the south Atlanta Metro area and includes parts of Henry and Spalding Counties. The BVAP of the district as drawn is just under 37%, and the BVAP of the neighboring district that includes the rest of Spalding County, District 134, is just almost 34%.

Figure 31: *2021 Plan: District 117 and Vicinity*

115. At least one additional majority-Black House District could have been drawn in that area by (among other things) "unpacking" the Black population in 2021 House Plan District 116 (which includes part of Henry County just to the north, closer in to the center of the Metro Atlanta area) and "uncracking" the Black

populations in House Districts 117 and 134, bringing more of the growing Black populations in Henry and Spalding Counties into majority-Black districts. Unpacking those districts allows, among other things, for a majority-Black Illustrative House Plan District 110 to be drawn in Henry and Spalding.[26]

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[26] The Illustrative House Plan includes another majority-Black district, which could be characterized as District 111, in Henry County, or District 112, in the area around Newton County near where 2021 House Plan District 114 was drawn. District 112 could have been drawn by "unpacking" the Black population in (among others) House District 92 (which includes parts of Rockdale and Dekalb counties) and thus "uncracking" the Black population in House District 114. Both districts are depicted in the **Exhibit AA** series.

(2) Eastern Black Belt (Region B)

Illustrative Plan District 144 (**Exhibit AD-1**) and 2021 Plan (**Exhibit AD-2**)

Figure 32: *Illustrative Plan: District 144 and Vicinity*

116. Another additional majority-Black House District could have been drawn in the area in and outside Augusta, including a number of Black Belt-area counties such as Baldwin, Wilkinson, and Taliaferro Counties that are included in non-majority-Black districts under the 2021 House Plan. In the 2021 House Plan, the area in and around Augusta includes five majority-Black districts: Districts 129 and 130 (both in Augusta entirely within

Richmond County), as well as Districts 128, 131, and 132.

Figure 33: *2021 Plan: Districts 133, 149 and eastern Black Belt*

117. An additional majority-Black district could have been drawn in this area by (among other things) "unpacking" the Black populations of those majority-Black districts in the 2021 House Plan and also "uncracking" parts of other districts in the 2021 House Plan, such as District 133 (which includes parts of Baldwin County and Milledgeville) and 155 (which includes Wilkinson County), where there are substantial populations of Black voters who have been drawn into districts with BVAPs of between 35 and 40%. Looking at the Augusta region as a whole, it is

possible to draw six total majority-Black districts, as with Illustrative House Plan Districts 124, 125, 126, 127, 128, and 144. Illustrative House Plan District 144, in particular, includes substantial number of Black voters from the Augusta region who are spread across non-majority-Black districts in the 2021 House Plan.

(3) Western Black Belt (Region C)

Illustrative District 153 (**Exhibit AE-1**) and 2021 Plan District 171 (**Exhibit AE-2**)

Figure 34: *Illustrative Plan: District 153 and vicinity*

118. An additional majority-Black House District could also have been drawn in the area south of Albany, including Dougherty, Mitchell, and Thomas

Counties, all of which are in the southwestern portion of the Black Belt, near where House District 171 in the 2021 House Plan was drawn. The BVAP of 2021 House Plan District 171, which contains Mitchell County, is just under 40%. In addition, the BVAP of neighboring 2021 House Plan District 173, which includes Thomas County, is similarly just over 36%. And nearby Dougherty County, which contains the majority-Black City of Albany, is split among four districts in the 2021 House Plan, two of which (2021 House Plan Districts 151 and 152) have no Black majority, and one of which (2021 House Plan District 153) is nearly 70% Black.

Figure 35: *2021 Plan: District 151, 153, 171 and Vicinity*

119. In sum, another additional majority-Black House District could have drawn in southwest Georgia by "unpacking" the Black population in 2021 House Plan District 153 and "uncracking" the Black populations in 2021 House Plan Districts 171 and 173. Unpacking those districts allows a majority-Black Illustrative House Plan District 153 to be drawn including part of Dougherty, Mitchell, and Thomas Counties.

120. Looking at the southwest Georgia/western Black Belt region as a whole, it is possible to draw seven total majority-Black districts, as with Illustrative House Plan Districts 135, 136, 138, 139, 151, 153, and 154. However, the 2021 House Plan contains only six: 2021 House Plan Districts 137, 140, 141, 150, 153, and 154.

C. Supplemental Plan Information

121. Compactness scores for the Illustrative House Plan are within the norm. **Exhibits BB-1** contains compactness scores generated by Maptitude for all districts in the Illustrative House Plan, alongside scores for the 2015 Benchmark House Plan (**Exhibit BB-2**) and the 2021 House Plan (**Exhibit BB-3**).

122. The table in **Figure 36** (condensed from the **Exhibit BB** series) reports Reock and Polsby-Popper scores for the Illustrative House Plan, alongside scores for the 2015 Benchmark House Plan and the 2021 House Plan.

Figure 36

Compactness Scores – Illustrative House Plan vs 2014 Benchmark and 2021 House Plans

	Reock			Polsby-Popper	
	Mean	Low		Mean	Low
Illustrative House Plan	.39	.16		.27	.11
2014 Benchmark House Plan	.39	.13		.27	.09
2021 House Plan	.39	.12		.28	.10

123. In my experience, the compactness scores for the Illustrative Plan are clearly within the normal range for a state legislative plan.

124. County and VTD splits are also within the norm for a typical legislative plan. The table in **Figure 37** summarizes county and 2020 VTD splits under the Illustrative Plan, the 2015 Plan, and the 2021 Plan.

Figure 37

County and VTD Splits – Illustrative Plan vs 2006 and 2015 Plans

	County Splits (Populated)	Unique County-District Combinations	2020 VTD Splits (Populated)
Illustrative House Plan	74	206	262
2015 Benchmark House Plan	73	215	232
2021 House Plan	70	211	179

125. **Exhibit AF-1** contains a county and VTD split report generated by Maptitude for all districts in the Illustrative House Plan. *See also* **Exhibit AF-2** (2015 Benchmark House Plan) and **Exhibit AF-3** (2021 House Plan).

126. Based on incumbent address information obtained from the Redistricting Data Hub[27], the following 8 districts in the Illustrative House Plan may have incumbent conflicts: 015, 029, 138, 141, 148, 149, 154, and 173.

127. Based on incumbent address information obtained from the Redistricting Data Hub, the following 15 districts in the 2021 House Plan may have incumbent conflicts: 019, 021, 031, 045, 054, 062, 087, 100, 101, 106, 118, 132, 133, 154, and 176.

128. **Exhibit AG-1** contains a table showing the district number for all Senate incumbents under the 2014 Benchmark, 2021, and Illustrative Senate Plans. **Exhibit AG-2** contains a table showing the district number for all House incumbents under the 2015 Benchmark, 2021, and Illustrative House Plans

D. Illustrative Plan – Online Interactive Map

129. The Illustrative Plan can also be viewed online in detail on the *Dave's Redistricting Application* (DRA) website via the link below.

https://davesredistricting.org/join/360e975b-5f46-47f3-bb2e-37385155f028

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[27] https://redistrictingdatahub.org/dataset/2021-ga-state-senate-incumbent-addresses/.

# # #

I reserve the right to continue to supplement my declaration in light of additional facts, testimony and/or materials that may come to light.

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury of the laws of the United States that the foregoing is true and correct according to the best of my knowledge, information and belief.

Executed on January 7, 2022:

William S. Cooper

WILLIAM S. COOPER

EXHIBIT A

October 31, 2021

William S. Cooper
P.O. Box 16066
Bristol, VA 24209
276-669-8567
bcooper@msn.com

Summary of Redistricting Work

I have a B.A. in Economics from Davidson College in Davidson, North Carolina.

Since 1986, I have prepared proposed redistricting maps of approximately 750 jurisdictions for Section 2 litigation, Section 5 comment letters, and for use in other efforts to promote compliance with the Voting Rights Act of 1965. I have analyzed and prepared election plans in over 100 of these jurisdictions for two or more of the decennial censuses – either as part of concurrent legislative reapportionments or, retrospectively, in relation to litigation involving many of the cases listed below.

From 1986 to 2020, I have prepared election plans for Section 2 litigation in Alabama, Connecticut, Florida, Georgia, Louisiana, Maryland, Mississippi, Missouri, Montana, Nebraska, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, and Wyoming.

Post-2010 Redistricting Experience

Since the release of the 2010 Census in February 2011, I have developed statewide legislative plans on behalf of clients in nine states (Alabama, Connecticut, Florida, Georgia, Kentucky, Mississippi, South Carolina, Texas, and Virginia), as well as over 150 local redistricting plans in approximately 30 states – primarily for groups working to protect minority voting rights. In addition, I have prepared congressional plans for clients in eight states (Alabama, Florida, Georgia, Louisiana, Maryland, Ohio, Pennsylvania, South Carolina, and Virginia).

October 31, 2021

In March 2011, I was retained by the Sussex County, Virginia Board of Supervisors and the Bolivar County, Mississippi Board of Supervisors to draft new district plans based on the 2010 Census. In the summer of 2011, both counties received Section 5 preclearance from the U.S. Department of Justice (DOJ).

Also in 2011, I was retained by way of a subcontract with Olmedillo X5 LLC to assist with redistricting for the Miami-Dade County, Florida Board of Commissioners and the Miami-Dade, Florida School Board. Final plans were adopted in late 2011 following public hearings.

In the fall of 2011, I was retained by the City of Grenada, Mississippi to provide redistricting services. The ward plan I developed received DOJ preclearance in March 2012.

In 2012 and 2013, I served as a redistricting consultant to the Tunica County, Mississippi Board of Supervisors and the Claiborne County, Mississippi Board of Supervisors.

In *Montes v. City of Yakima* (E.D. Wash. Feb. 17, 2015) the court adopted, as a remedy for the Voting Rights Act Section 2 violation, a seven single-member district plan that I developed for the Latino plaintiffs. I served as the expert for the Plaintiffs in the liability and remedy phases of the case.

In *Pope v. Albany County* (N.D.N.Y. Mar. 24, 2015), the court approved, as a remedy for a Section 2 violation, a plan drawn by the defendants, creating a new Black-majority district. I served as the expert for the Plaintiffs in the liability and remedy phases of the case.

In 2016, two redistricting plans that I developed on behalf of the plaintiffs for consent decrees in Section 2 lawsuits in Georgia were adopted (*NAACP v. Fayette County, Georgia* and *NAACP v. Emanuel County, Georgia).*

October 31, 2021

In 2016, two federal courts granted summary judgment to the plaintiffs based in part on my *Gingles 1* testimony: *Navajo Nation v. San Juan County, Utah* (C.D. Utah 2016) and NAACP v. *Ferguson-Florissant School District, Missouri* (E. D. Mo. August 22, 2016).

Also in 2016, based in part on my analysis, the City of Pasco, Washington admitted to a Section 2 violation. As a result, in *Glatt v. City of Pasco* (E.D. Wash. Jan. 27, 2017), the court ordered a plan that created three Latino majority single-member districts in a 6 district, 1 at-large plan.

In 2018, I served as the redistricting consultant to the Governor Wolf interveners at the remedial stage of *League of Women Voters, et al. v. Commonwealth of Pennsylvania*.

In August 2018, the Wenatchee City Council adopted a hybrid election plan that I developed – five single-member districts with two members at-large. The Wenatchee election plan is the first plan adopted under the Washington Voting Rights Acts of 2018.

In February 2019, a federal court ruled in favor of the plaintiffs in a Section 2 case regarding Senate District 22 in Mississippi, based in part on my *Gingles* 1 testimony in *Thomas v. Bryant (S.D. Ms. Feb 16, 2019).*

In the summer of 2019, I developed redistricting plans for the Grand County (Utah) Change of Form of Government Study Committee.

In the fall of 2019, a redistricting plan I developed for a consent decree involving the Jefferson County, Alabama Board of Education was adopted *Traci Jones, et al. v. Jefferson County Board of Education, et al.*

In May 2020, a federal court ruled in favor of the plaintiffs in a Section 2 case in *NAACP et al. v. East Ramapo Central School District, NY,* based in part on my *Gingles* 1 testimony. In October 2020, the federal court adopted a consent decree plan I developed for elections to be held in February 2021.

In May and June of 2020, I served as a consultant to the City of Quincy, Florida – the Defendant in a Section 2 lawsuit filed by two Anglo voters (*Baroody v. City of Quincy*). The federal court for the Northern District of Florida ruled in favor of the Defendants. The Plaintiffs voluntarily dismissed the case.

In the summer of 2020, I provided technical redistricting assistance to the City of Chestertown, Maryland.

I am currently a redistricting consultant and expert for the plaintiffs in *Jayla Allen v. Waller County, Texas.* I testified remotely at trial in October 2020.

Since 2011, I have served as a redistricting and demographic consultant to the Massachusetts-based Prison Policy Initiative for a nationwide project to end prison-based gerrymandering. I have analyzed proposed and adopted election plans in about 25 states as part of my work.

In 2018 (Utah) and again in 2020 (Arizona), I have provided technical assistance to the Rural Utah Project for voter registration efforts on the Navajo Nation Reservation.

Post-2010 Demographics Experience

My trial testimony in Section 2 lawsuits usually includes presentations of U.S. Census data with charts, tables, and/or maps to demonstrate socioeconomic disparities between non-Hispanic Whites and racial or ethnic minorities.

I served as a demographic expert for plaintiffs in four state-level voting cases related to the Covid-19 pandemic (South Carolina, Alabama, and Louisiana) and state court in North Carolina.

I have also served as an expert witness on demographics in non-voting trials. For example, in an April 2017 opinion in *Stout v. Jefferson County Board of Education* (Case no.2:65-cv-00396-MHH), a school desegregation case involving the City of Gardendale,

Ala., the court made extensive reference to my testimony.

I provide technical demographic and mapping assistance to the Food Research and Action Center (FRAC) in Washington D.C and their constituent organizations around the country. Most of my work with FRAC involves the Summer Food Program and Child and Adult Care Food Program. Both programs provide nutritional assistance to school-age children who are eligible for free and reduced price meals. As part of this project, I developed an online interactive map to determine site eligibility for the two programs that has been in continuous use by community organizations and school districts around the country since 2003. The map is updated annually with new data from a Special Tabulation of the American Community Survey prepared by the U.S. Census Bureau for the Food and Nutrition Service of the U.S. Department of Agriculture.

Historical Redistricting Experience

In the 1980s and 1990s, I developed voting plans in about 400 state and local jurisdictions – primarily in the South and Rocky Mountain West. During the 2000s and 2010s, I prepared draft election plans involving about 350 state and local jurisdictions in 25 states. Most of these plans were prepared at the request of local citizens' groups, national organizations such as the NAACP, tribal governments, and for Section 2 or Section 5 litigation.

Election plans I developed for governments in two counties – Sussex County, Virginia and Webster County, Mississippi – were adopted and precleared in 2002 by the U.S. Department of Justice. A ward plan I prepared for the City of Grenada, Mississippi was precleared in August 2005. A county supervisors' plan I produced for Bolivar County, Mississippi was precleared in January 2006.

In August 2005, a federal court ordered the State of South Dakota to remedy a

Section 2 voting rights violation and adopt a state legislative plan I developed (*Bone Shirt v. Hazeltine*).

A county council plan I developed for Native American plaintiffs in a Section 2 lawsuit (*Blackmoon v. Charles Mix County*) was adopted by Charles Mix County, South Dakota in November 2005. A plan I drafted for Latino plaintiffs in Bethlehem, Pennsylvania (*Pennsylvania Statewide Latino Coalition v. Bethlehem Area School District*) was adopted in March 2009. Plans I developed for minority plaintiffs in Columbus County, North Carolina and Montezuma- Cortez School District in Colorado were adopted in 2009.

Since 1986, I have testified at trial as an expert witness on redistricting and demographics in federal courts in the following voting rights cases (approximate most recent testimony dates are in parentheses). I also filed declarations and was deposed in most of these cases.

Alabama
Chestnut v Merrill (2019)
Alabama State Conference of the NAACP v. Alabama (2018)
Alabama Legislative Black Caucus et al. v. Alabama et al. (2013)

Colorado
Cuthair v. Montezuma-Cortez School Board (1997)

Florida
Baroody v. City of Quincy (2020)

Georgia
Cofield v. City of LaGrange (1996)
Love v. Deal (1995)
Askew v. City of Rome (1995)
Woodard v. Lumber City (1989)

Louisiana
Terrebonne Parish NAACP v. Jindal, et al. (2017)
Wilson v. Town of St. Francisville (1996)
Reno v. Bossier Parish (1995)
Knight v. McKeithen (1994)

Maryland
Cane v. Worcester County (1994

Mississippi

Thomas v. Bryant (2019)
Fairley v. Hattiesburg (2014)
Boddie v. Cleveland School District (2010)
Fairley v. Hattiesburg (2008)
Boddie v. Cleveland (2003)
Jamison v. City of Tupelo (2006)
Smith v. Clark (2002)
NAACP v. Fordice (1999)
Addy v Newton County (1995)
Ewing v. Monroe County (1995)
Gunn v. Chickasaw County (1995)
Nichols v. Okolona (1995)

Montana
Old Person v. Brown (on remand) (2001)
Old Person v. Cooney (1998)

Missouri
Missouri NAACP v. Ferguson-Florissant School District (2016)

Nebraska
Stabler v. Thurston County (1995)

New York
NAACP v. East Ramapo Central School District (2020)
Pope v. County of Albany (2015)
Arbor Hills Concerned Citizens v. Albany County (2003)

Ohio
A. Philip Randolph Institute, et al. v. Ryan (2019)

South Carolina
Smith v. Beasley (1996)

South Dakota
Bone Shirt v. Hazeltine (2004)
Cottier v. City of Martin (2004)

Tennessee
Cousins v. McWherter (1994)
Rural West Tennessee African American Affairs Council v. McWherter (1993)

October 31, 2021

Texas
Jayla Allen v. Waller County, Texas

Utah
*Navajo Nation v. San Juan County (2017),*brief testimony –11 declarations, 2 depositions

Virginia
Smith v. Brunswick County (1991)
Henderson v. Richmond County (1988)
McDaniel v. Mehfoud (1988)
White v. *Daniel (1989)*

Wyoming
Large v. Fremont County (2007)

In addition, I have filed expert declarations or been deposed in the following cases that did not require trial testimony. The dates listed indicate the deposition date or date of last declaration or supplemental declaration:

Alabama
People First of Alabama v. Merrill (2020), Covid-19 demographics only
Alabama State NAACP v. City of Pleasant Grove (2019)
James v. Jefferson County Board of Education (2019)
Voketz v. City of Decatur (2018)

Arkansas
Mays v. Thurston (2020)-- Covid-19 demographics only)

Connecticut
NAACP v. Merrill (2020)

Florida
Florida State Conference of the NAACP v. Lee, et al, (2021)
Calvin v. Jefferson County (2016)
Thompson v. Glades County (2001)
Johnson v. DeSoto County (1999)
Burton v. City of Belle Glade (1997)

Georgia
Dwight v. Kemp (2018)
Georgia NAACP et al. v. Gwinnett County, GA (2018
Georgia State Conference NAACP et al v. Georgia (2018)
Georgia State Conference NAACP, et al. v. Fayette County (2015)
Knighton v. Dougherty County (2002)
Johnson v. Miller (1998)

Jones v. Cook County (1993)

Kentucky
Herbert v. Kentucky State Board of Elections (2013)

Louisiana
Power Coalition for Equity and Justice v. Edwards (2020), Covid-19 demographics only
Johnson v. Ardoin (2019
NAACP v. St. Landry Parish Council (2005)
Prejean v. Foster (1998)
Rodney v. McKeithen (1993)

Maryland
Benisek v. Lamone (2017)
Fletcher v. Lamone (2011)

Mississippi
Partee v. Coahoma County (2015)
Figgs v. Quitman County (2015)
West v. Natchez (2015)
Williams v. Bolivar County (2005)
Houston v. Lafayette County (2002)
Clark v. Calhoun County (on remand)(1993)
Teague v. Attala County (on remand)(1993)
Wilson v. Clarksdale (1992)
Stanfield v. Lee County(1991)

Montana
Alden v. Rosebud County (2000)

North Carolina
Lewis v. Alamance County (1991)
Gause v. Brunswick County (1992)
Webster v. Person County (1992)

Rhode Island
Davidson v. City of Cranston (2015)

South Carolina
Thomas v. Andino (2020), Covid-19 demographics only
Vander Linden v. Campbell (1996

South Dakota
Kirkie v. Buffalo County (2004
Emery v. Hunt (1999)

Tennessee
NAACP v. Frost, et al. (2003)

Virginia
Moon v. Beyer (1990)

Washington
Glatt v. City of Pasco (2016)
Montes v. City of Yakima (2014

# # #

EXHIBIT B

Exhibit B – Methodology and Sources

1. In the preparation of this report, I analyzed population and geographic data from the Decennial Census and the American Community Survey.

2. For my redistricting analysis, I used a geographic information system (GIS) software package called *Maptitude for Redistricting*, developed by the Caliper Corporation. This software is deployed by many local and state governing bodies across the country for redistricting and other types of demographic analysis.

3. The geographic boundary files that I used with *Maptitude* are created from the U.S. Census 1990-2010 TIGER (Topologically Integrated Geographic Encoding and Referencing) files.

4. I used population data from the 1990-2020 PL 94-171 data files published by the U.S. Census Bureau. The PL 94-171 dataset is published in electronic format and is the complete count population file designed by the Census Bureau for use in legislative redistricting. The file contains basic race and ethnicity data on the total population and voting-age population found in units of Census geography such as states, counties, municipalities, townships, reservations, school districts, census tracts, census block groups, precincts (called voting districts or "VTDs" by the Census Bureau) and census blocks.

5. I obtained 2020 block-level disaggregated citizenship (2015-19 ACS data from the Redistricting Data Hub.

6. The attorneys for the plaintiffs provided me with incumbent addresses from the Redistricting Data Hub.

7. For my analysis, I also relied on shapefiles for current and historical legislative plans available on the website of the Legislative and Congressional Reapportionment Office.

8. I developed the illustrative plans presented in this report using *Maptitude for Redistricting,* The *Maptitude for Redistricting* software processes the TIGER files to produce a map for display on a computer screen. The software also merges demographic data from the PL 94-171 files to match the relevant decennial Census geography.

9. I also reviewed and used data from the American Community Survey ("ACS") conducted by the Census Bureau – specifically, the 1-year 2019 ACS, the 5-year 2015-2019 ACS, and the 5-year 2015-2019 ACS Special Tabulation of citizen population and voting age population by race and ethnicity (prepared by the Census Bureau for the U.S. Department of Justice) and available from the link below:

https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.html

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EXHIBIT C

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Georgia: 2020 Core Based Statistical Areas and Counties

Statistical area titles and boundary delineations are based on March 2020 delineation files released by the U.S. Office of Management and Budget. All other names and boundaries are as of January 1, 2020.

U.S. Census Bureau, Population Division

EXHIBIT D

Appendix A: Sample Selection

This analysis relied on three measures to select the Black Belt school systems: historical data of enslaved labor, current enrollments of Black students and current enrollments of students living in poverty. School systems were considered if they had one of the following criteria: a majority-Black student population, majority of students living in poverty and a history of enslaved labor. Enslaved labor data is based on the 1860 U.S. Census data of the distribution of enslaved populations. A review of the data showed a normal distribution of enslaved people as a portion of the population except for a dip in the number of counties with 30 to 39 percent enslaved. The following chart displays the drop in enslaved populations and the subsequent increase in the number of counties that held 40 to 49 percent enslaved people.

Source: Distribution of Slave Population of the Southern States of the United States, U.S. Census, 1861

This sharp increase of counties and cities that contained more than 40 percent of their population enslaved made for a natural threshold for this analysis. This analysis considered all school systems that currently operate in an area that previously had enslaved people greater than 40 percent of the population as having a history of slavery.

School systems that met two of the criteria were included in the selection. Of the remaining systems, the current enrollment had to exceed 30 percent Black and 30

percent living in poverty. This threshold made it possible that even if the school system were not majority Black, Black students might represent a plurality of the student body. Metro Atlanta school systems were excluded due to the unique challenges and opportunities that come with educating in the region. A table with the data is below, with Black Belt districts highlighted.

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Appling County	18%	23%	44%
Atkinson County	23%	16%	43%
Atlanta Public Schools	17%	74%	52%
Bacon County	18%	22%	43%
Baker County	70%	64%	68%
Baldwin County	55%	66%	53%
Banks County	23%	2%	28%
Barrow County	32%	13%	25%
Bartow County	27%	10%	26%
Ben Hill County	15%	42%	48%
Berrien County	13%	12%	40%
Bibb County	42%	73%	55%
Bleckley County	47%	26%	37%
Brantley County	20%	3%	40%
Bremen City	8%	6%	13%
Brooks County	52%	53%	54%
Bryan County	59%	16%	14%
Buford City	20%	11%	15%
Bulloch County	38%	37%	39%
Burke County	71%	65%	52%
Butts County	48%	32%	41%
Calhoun City	21%	6%	23%
Calhoun County	56%	93%	74%
Camden County	77%	22%	27%
Candler County	27%	29%	46%
Carroll County	16%	17%	29%
Carrollton City	16%	33%	29%
Cartersville City	27%	23%	24%
Catoosa County	14%	3%	23%
Charlton County	31%	29%	38%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Chatham County	49%	57%	40%
Chattahoochee County	48%	27%	32%
Chattooga County	29%	9%	44%
Cherokee County	11%	8%	10%
Chickamauga City	15%	0%	11%
Clarke County	51%	49%	46%
Clay County	46%	95%	74%
Clayton County	28%	70%	42%
Clinch County	15%	34%	46%
Cobb County	27%	31%	15%
Coffee County	23%	31%	45%
Colquitt County	8%	27%	49%
Columbia County	70%	20%	15%
Commerce City	32%	11%	27%
Cook County	13%	33%	46%
Coweta County	49%	23%	20%
Crawford County	56%	22%	40%
Crisp County	46%	58%	50%
Dade County	10%	1%	22%
Dalton City	17%	5%	18%
Dawson County	9%	1%	22%
Decatur City	26%	21%	9%
Decatur County	50%	50%	49%
DeKalb County	26%	62%	41%
Dodge County	47%	35%	45%
Dooly County	46%	72%	52%
Dougherty County	73%	89%	64%
Douglas County	24%	53%	28%
Dublin City	47%	91%	72%
Early County	66%	70%	59%
Echols County	21%	2%	52%
Effingham County	46%	15%	20%
Elbert County	55%	34%	42%
Emanuel County	26%	42%	53%
Evans County	27%	35%	54%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Fannin County	3%	0%	31%
Fayette County	29%	28%	11%
Floyd County	39%	7%	28%
Forsyth County	12%	4%	6%
Franklin County	18%	10%	36%
Fulton County	17%	42%	23%
Gainesville City	14%	18%	35%
Gilmer County	3%	0%	26%
Glascock County	31%	8%	29%
Glynn County	73%	35%	38%
Gordon County	21%	2%	28%
Grady County	58%	34%	46%
Greene County	67%	47%	41%
Gwinnett County	20%	32%	20%
Habersham County	13%	2%	29%
Hall County	14%	5%	23%
Hancock County	68%	96%	63%
Haralson County	8%	2%	40%
Harris County	56%	16%	16%
Hart County	25%	23%	36%
Heard County	36%	9%	36%
Henry County	42%	53%	25%
Houston County	69%	38%	30%
Irwin County	15%	32%	42%
Jackson County	32%	6%	25%
Jasper County	65%	23%	41%
Jeff Davis County	23%	15%	43%
Jefferson City	32%	8%	13%
Jefferson County	59%	68%	56%
Jenkins County	71%	52%	55%
Johnson County	29%	42%	50%
Jones County	66%	25%	29%
Lamar County	47%	32%	37%
Lanier County	30%	25%	43%
Laurens County	47%	29%	39%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Lee County	52%	21%	28%
Liberty County	73%	53%	36%
Lincoln County	69%	38%	40%
Long County	74%	26%	38%
Lowndes County	46%	22%	28%
Lumpkin County	9%	1%	28%
Macon County	58%	81%	53%
Madison County	34%	9%	33%
Marietta City	27%	39%	23%
Marion County	48%	34%	42%
McDuffie County	70%	55%	52%
McIntosh County	74%	42%	44%
Meriwether County	57%	58%	45%
Miller County	36%	38%	46%
Mitchell County	37%	59%	54%
Monroe County	64%	24%	38%
Montgomery County	33%	32%	56%
Morgan County	70%	26%	30%
Murray County	20%	0%	29%
Muscogee County	45%	58%	40%
Newton County	45%	56%	40%
Oconee County	51%	4%	9%
Oglethorpe County	65%	17%	33%
Paulding County	8%	24%	19%
Peach County	56%	51%	46%
Pelham City	37%	56%	55%
Pickens County	5%	1%	24%
Pierce County	12%	9%	33%
Pike County	47%	8%	21%
Polk County	39%	14%	42%
Pulaski County	47%	40%	50%
Putnam County	71%	37%	47%
Quitman County	47%	72%	57%
Rabun County	6%	1%	33%
Randolph County	47%	96%	66%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Richmond County	40%	74%	52%
Rockdale County	45%	67%	39%
Rome City	39%	35%	38%
Schley County	51%	16%	26%
Screven County	55%	47%	47%
Seminole County	50%	41%	50%
Social Circle City	42%	22%	29%
Spalding County	44%	47%	45%
Stephens County	13%	13%	40%
Stewart County	59%	95%	61%
Sumter County	52%	72%	57%
Talbot County	63%	91%	53%
Taliaferro County	63%	77%	61%
Tattnall County	27%	25%	46%
Taylor County	40%	41%	42%
Telfair County	31%	41%	52%
Terrell County	46%	93%	74%
Thomas County	58%	35%	41%
Thomaston-Upson County	49%	35%	42%
Thomasville City	58%	57%	41%
Tift County	23%	35%	44%
Toombs County	27%	18%	54%
Towns County	4%	1%	29%
Treutlen County	33%	40%	47%
Trion City	29%	1%	15%
Troup County	62%	43%	36%
Turner County	23%	63%	57%
Twiggs County	65%	62%	55%
Union County	3%	0%	24%
Valdosta City	46%	75%	59%
Vidalia City	27%	50%	43%
Walker County	15%	6%	30%
Walton County	42%	23%	27%
Ware County	17%	36%	48%
Warren County	55%	91%	67%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Washington County	52%	64%	50%
Wayne County	28%	22%	41%
Webster County	46%	44%	45%
Wheeler County	33%	36%	49%
White County	8%	2%	30%
Whitfield County	17%	1%	20%
Wilcox County	20%	34%	44%
Wilkes County	70%	51%	49%
Wilkinson County	42%	55%	52%
Worth County	23%	34%	46%

Source: Institute of Taxation and Economic Policy, February 2019; "Who Pays? A Distributional Analysis of the Tax Systems in All 50 States," Institute on Taxation and Economic Policy, October 2018

Appendix B: Methods

This analysis focuses on K-12 public education funding and outcomes as a measure of the state's responsibility to its citizens. Schools operate in a complex environment of federal and state laws and local district decisions. The state constitution outlines the ultimate responsibility for public education, however.

For decades school finance experts studied state funding systems by comparing inputs, or investments, meaning that two similar students, regardless of the location of their schools, should be provided similar funding amounts.[47] Additionally, if there were notable differences between students that affected the school program each would require, then different funding amounts might also be required. It is for this very reason that students with disabilities are provided more funding than students without disabilities.[48] This focus on inputs led to the *McDaniel* case mentioned in the report's timeline. The *McDaniel* case was a primary driver for state policymakers to draft and pass the Quality Basic Education Act, an overhaul to the state's education funding formula, in 1985.[49]

More recently, education finance has been analyzed through outputs, or outcomes. Instead of solely judging a funding system by the amount of money provided, states have been held accountable for the level of student performance.[50] The question no longer stops at whether funding amounts are equal, but whether they are adequate to produce high levels of learning for students across the state. This analysis considers various inputs such as staffing, budgets and educational opportunities, but the focus remains on outputs.

EXHIBIT E

Georgia
Georgia Counties
Region A
Region B
Region C
Atlanta MSA
% Black by County -- 2020
0.0% to 20.0% (51)
20.0% to 40.0% (67)
40.0% to 60.0% (33)
60.0% to 73.0% (8)
0 30 60
Miles
©2019 CALIPER; ©2018 HERE
Chattanooga
Huntsville
Scottsboro
Fort Payne
Rome
Dalton
Calhoun
Cartersville
Canton
Alpharetta
Roswell
Marietta
Atlanta
East Point
Carrollton
Sandy Springs
Redan
Covington
McDonough
Gainesville
Jasper
Milledgeville
Macon
Warner Robins
Dublin
Vidalia
Statesboro
Hinesville
Savannah
Georgetown
Brunswick
Jesup
Douglas
Waycross
Valdosta
Tifton
Moultrie
Thomasville
Bainbridge
Albany
Americus
Cordele
Eufaula
Columbus
Dothan
Tallahassee
Saint Marys
Yulee
Hilton Head Island
Beaufort
North Charleston
Charleston
Summerville
Goose Creek
Orangeburg
Aiken
Augusta
Columbia
Sumter
Florence
Laurinburg
Monroe
Fort Mill
Rock Hill
Gaffney
Spartanburg
Greenville
Easley
Clemson
Anderson
Evergreen Hills
Newberry
Greenwood
Irmo
Gadsden
Jacksonville
Oxford
Pell City
Talladega
Moody
Chelsea
Sylacauga
Alexander City
Auburn
Prattville
Montgomery
Troy
Ozark
Enterprise
Crestview
Wright
Albertville
Fort Payne
Scottsboro
Huntsville

EXHIBIT F

Regional Commissions

State of Georgia

Georgia® Department of Community Affairs

Effective July 1, 2021

EXHIBIT G-1

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
APPLING	18444	3647	1825	12674	13958	2540	1118	10048	208	164	416	121	5.00%	
ATKINSON	8286	1284	2048	4801	6129	937	1282	3787	-89	-216	184	-103	-9.90%	Douglas,
BACON	11140	1970	875	8103	8310	1245	547	6374	44	182	40	31	2.55%	
BAKER	2876	1178	143	1514	2275	932	77	1235	-575	-459	-375	-291	-23.79%	
BALDWIN	43799	18985	1139	22432	35732	14515	835	19377	-1921	-300	-637	488	3.48%	Milledgeville,
BANKS	18035	589	1164	15578	13900	365	721	12278	-360	103	148	14	3.99%	
BARROW	83505	11907	10560	55582	62195	8222	6726	43241	14138	3287	12417	2553	45.03%	**Atlanta-Sandy Sprin**
BARTOW	108901	13395	10751	80159	83570	9377	6817	63759	8744	2365	10213	2083	28.56%	**Atlanta-Sandy Sprin**
BEN HILL	17194	6537	1054	9219	13165	4745	653	7459	-440	320	199	498	11.73%	Fitzgerald,
BERRIEN	18160	2198	1045	14396	13690	1499	622	11181	-1126	53	-657	66	4.61%	
BIBB	157346	88865	6737	56787	120902	64270	4734	47979	1799	6394	5474	7743	13.70%	Macon-Bibb County,
BLECKLEY	12583	2951	469	8867	9613	2036	311	7032	-480	-682	-501	-672	-24.82%	
BRANTLEY	18021	733	326	16317	13692	470	212	12522	-390	130	174	67	16.63%	Brunswick,
BROOKS	16301	5958	955	9066	12747	4357	635	7483	58	164	354	212	5.11%	Valdosta,
BRYAN	44738	7463	3269	31321	31828	5025	1919	23033	14505	2837	10452	2048	68.79%	Savannah,
BULLOCH	81099	24375	4180	49712	64494	18220	3021	41041	10882	4369	8670	3305	22.16%	Statesboro,
BURKE	24596	11430	777	11941	18778	8362	494	9566	1280	-282	2047	501	6.37%	Augusta-Richmond C
BUTTS	25434	7212	803	16628	20360	5660	559	13510	1779	595	2030	564	11.07%	**Atlanta-Sandy Sprin**
CALHOUN	5573	3629	149	1766	4687	2998	90	1567	-1121	-520	-687	-264	-8.09%	
CAMDEN	54768	11072	3658	37203	41808	7828	2457	29410	4255	508	4947	818	11.67%	St. Marys,
CANDLER	10981	2807	1378	6567	8241	2009	835	5229	-17	76	62	59	3.03%	
CARROLL	119148	24618	9586	80725	90996	17827	6129	63803	8621	3049	8593	2916	19.56%	**Atlanta-Sandy Sprin**
CATOOSA	67872	2642	2341	59280	52448	1684	1492	46578	3930	849	4446	642	61.61%	Chattanoo, TN-
CHARLTON	12518	2798	2036	7532	10135	2147	1971	5929	347	-764	606	-654	-23.35%	
CHATHAM	295291	115458	23790	139433	234715	85178	16551	119161	30163	6030	29594	7835	10.13%	Savannah,
CHATTAHOOCHEE	9565	1825	1610	5403	7199	1287	1160	4212	-1702	-483	-1015	-284	-18.08%	Columbus, -AL
CHATTOOGA	24965	2865	1297	20079	19416	2235	733	15885	-1050	-226	-741	-306	-12.04%	Summerville,
CHEROKEE	266620	21687	32111	197867	202928	14976	20915	156155	52274	7817	47502	6222	71.08%	**Atlanta-Sandy Sprin**
CLARKE	128671	33672	14336	72201	106830	24776	10213	64531	11957	1589	10539	1713	7.43%	Athens-Clarke Count
CLAY	2848	1634	41	1143	2246	1231	19	973	-335	-311	-220	-153	-11.05%	
CLAYTON	297595	216351	42546	25902	220578	158854	27378	23396	38171	40374	36133	37475	30.87%	**Atlanta-Sandy Sprin**
CLINCH	6749	2096	253	4256	5034	1406	156	3372	-49	157	79	151	12.03%	
COBB	766149	223116	111240	369182	591848	166141	74505	303300	78071	42151	80257	41430	33.22%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
COFFEE	43092	12575	5430	24158	32419	9191	3324	19146	736	981	1164	972	11.83%	Douglas,
COLQUITT	45898	10648	8709	25588	34193	7461	5467	20507	400	181	1279	440	6.27%	Moultrie,
COLUMBIA	156010	32516	11858	99111	114823	22273	7355	76070	31957	12635	24580	9062	68.59%	Augusta-Richmond C
COOK	17229	5014	1134	10658	12938	3595	704	8310	17	221	408	325	9.94%	
COWETA	146158	28289	11053	99421	111155	20196	7384	78073	18841	5130	18670	4501	28.68%	**Atlanta-Sandy Sprin**
CRAWFORD	12130	2455	415	8866	9606	1938	287	7079	-500	-448	-156	-241	-11.06%	Macon-Bibb County,
CRISP	20128	9194	634	9892	15570	6603	414	8248	-3311	-1036	-1747	-214	-3.14%	Cordele,
DADE	16251	228	364	14786	12987	140	243	11925	-382	40	-60	4	2.94%	Chattanoo, TN-
DAWSON	26798	392	1605	23544	21441	249	1047	19183	4468	203	4194	146	141.75%	**Atlanta-Sandy Sprin**
DECATUR	29367	12583	1911	14280	22443	9189	1196	11586	1525	984	1683	1112	13.77%	Bainbridge,
DEKALB	764382	407451	81471	215895	595276	314230	55506	180161	72489	22898	68519	34330	12.27%	**Atlanta-Sandy Sprin**
DODGE	19925	6148	620	12865	15709	4725	406	10360	-1871	-480	-1010	-94	-1.95%	
DOOLY	11208	5652	797	4611	9187	4526	493	4029	-3710	-1859	-2572	-1168	-20.51%	
DOUGHERTY	85790	61457	2413	20631	66266	45631	1591	17909	-8775	-2790	-3965	648	1.44%	Albany,
DOUGLAS	144237	74260	16035	49877	108428	53377	10212	41416	11834	20007	13558	17860	50.29%	**Atlanta-Sandy Sprin**
EARLY	10854	5688	186	4813	8315	4075	113	3985	-154	178	208	284	7.49%	
ECHOLS	3697	193	1091	2328	2709	121	667	1856	-337	10	-142	-18	-12.95%	Valdosta,
EFFINGHAM	64769	10035	3492	48204	47295	6831	2054	36237	12519	2578	9951	1888	38.20%	Savannah,
ELBERT	19637	5520	996	12610	15493	4122	660	10322	-529	-537	26	-210	-4.85%	
EMANUEL	22768	7556	993	13815	17320	5404	589	11013	170	-112	470	135	2.56%	
EVANS	10774	3273	1237	6038	8127	2410	731	4826	-226	19	-36	90	3.88%	
FANNIN	25319	199	753	23351	21188	133	505	19721	1637	84	2037	62	87.32%	
FAYETTE	119194	32076	9480	68144	91798	23728	6168	55102	12627	9578	13330	8373	54.53%	**Atlanta-Sandy Sprin**
FLOYD	98584	15606	11466	67747	76295	11064	7167	55088	2267	1175	3423	1136	11.44%	Rome,
FORSYTH	251283	13222	25226	159407	181193	8751	16204	122017	75772	7917	59087	5460	165.91%	**Atlanta-Sandy Sprin**
FRANKLIN	23424	2207	1121	19262	18307	1523	678	15466	1340	170	1179	95	6.65%	
FULTON	1066710	477624	86302	404793	847182	368635	61914	340541	146129	60732	146287	62029	20.23%	**Atlanta-Sandy Sprin**
GILMER	31353	296	3599	26365	25417	161	2158	22187	3061	84	3354	53	49.07%	
GLASCOCK	2884	226	52	2573	2236	167	31	2003	-198	-39	-33	-18	-9.73%	
GLYNN	84499	22098	6336	52987	66468	15620	4116	44302	4873	633	6073	1061	7.29%	Brunswick,
GORDON	57544	2919	8957	43317	43500	1939	5592	34084	2358	527	3189	323	19.99%	Calhoun,
GRADY	26236	7693	3273	14715	19962	5678	1857	11968	1225	363	1378	563	11.01%	
GREENE	18915	6027	1289	11126	15358	4470	826	9675	2921	-178	2661	62	1.41%	

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
GWINNETT	957062	287687	220460	310583	709484	202762	146659	252041	151741	86155	138870	71745	54.76%	**Atlanta-Sandy Sprin**
HABERSHAM	46031	2165	6880	34694	35878	1675	4115	28299	2990	498	3141	396	30.96%	Cornelia,
HALL	203136	17006	57010	120418	153844	12094	36146	98800	23452	2609	24326	2332	23.89%	inesville,
HANCOCK	8735	6131	63	2413	7487	5108	47	2220	-694	-887	-223	-421	-7.61%	Milledgeville,
HARALSON	29919	1541	497	26825	22854	1106	323	20617	1139	13	1307	44	4.14%	**Atlanta-Sandy Sprin**
HARRIS	34668	5742	1417	25925	26799	4431	908	20298	2644	64	2393	188	4.43%	Columbus, -AL
HART	25828	4732	931	19250	20436	3447	578	15761	615	-167	834	-49	-1.40%	
HEARD	11412	1142	253	9589	8698	832	153	7407	-422	-101	-88	-60	-6.73%	**Atlanta-Sandy Sprin**
HENRY	240712	125211	18437	86297	179973	89657	12030	69744	36790	46914	35708	38225	74.32%	**Atlanta-Sandy Sprin**
HOUSTON	163633	56520	11807	86211	122118	39605	7530	68018	23733	14719	19709	11436	40.60%	Warner Robins,
IRWIN	9666	2333	663	6402	7547	1720	545	5047	128	-182	324	-110	-6.01%	
JACKSON	75907	6148	6712	59064	56451	4268	4261	45015	15422	1618	12011	1140	36.45%	Jefferson,
JASPER	14588	2676	684	10771	11118	1966	402	8400	688	-466	693	-306	-13.47%	**Atlanta-Sandy Sprin**
JEFF DAVIS	14779	2493	2047	9950	10856	1752	1233	7643	-289	191	-46	183	11.66%	
JEFFERSON	15709	8208	462	6834	12301	6324	280	5536	-1221	-1095	-358	-372	-5.56%	
JENKINS	8674	3638	303	4611	7005	2843	194	3874	334	197	901	561	24.58%	
JOHNSON	9189	3124	117	5800	7474	2513	82	4790	-791	-407	-416	-175	-6.51%	Dublin,
JONES	28347	7114	476	20074	21575	5341	302	15428	-322	-55	379	130	2.49%	Macon-Bibb County,
LAMAR	18500	5220	475	12344	14541	4017	323	9852	183	-611	93	-577	-12.56%	**Atlanta-Sandy Sprin**
LANIER	9877	2369	572	6595	7326	1683	370	5010	-201	-133	16	-27	-1.58%	Valdosta,
LAURENS	49570	19132	1424	27881	37734	13695	923	22229	1136	1478	1775	1478	12.10%	Dublin,
LEE	33163	7755	953	22758	24676	5503	603	17356	4865	2324	4313	1733	45.97%	Albany,
LIBERTY	65256	31146	7786	24004	48014	21700	5231	19065	1803	2495	3752	2676	14.07%	Hinesville,
LINCOLN	7690	2212	92	5196	6270	1728	54	4316	-306	-387	-75	-241	-12.24%	Augusta-Richmond C
LONG	16168	4734	1979	8774	11234	3107	1227	6422	1704	827	1189	530	20.57%	Hinesville,
LOWNDES	118251	46758	7872	59306	89031	33302	5201	47140	9018	6468	6768	4906	17.28%	Valdosta,
LUMPKIN	33488	685	1790	29241	27689	507	1345	24419	3522	218	3964	169	50.00%	
MACON	12082	7296	472	4078	9938	6021	322	3379	-2658	-1723	-1549	-910	-13.13%	
MADISON	30120	3196	1956	23549	23112	2225	1198	18643	2000	698	1866	437	24.44%	Athens-Clarke Count
MARION	7498	2223	560	4486	5854	1687	337	3643	-1244	-688	-792	-426	-20.16%	
MCDUFFIE	21632	9045	790	11417	16615	6425	536	9359	-243	167	438	367	6.06%	Augusta-Richmond C
MCINTOSH	10975	3400	231	7060	9040	2641	166	5998	-3358	-1845	-2215	-1292	-32.85%	Brunswick,
MERIWETHER	20613	7547	475	12084	16526	5845	299	9994	-1379	-1204	-256	-393	-6.30%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
MILLER	6000	1831	136	3949	4749	1358	92	3239	-125	70	60	112	8.99%	
MITCHELL	21755	10394	964	10106	17065	7917	615	8284	-1743	-935	-597	-257	-3.14%	
MONROE	27957	6444	714	19954	21913	5068	464	15771	1533	57	1442	215	4.43%	Macon-Bibb County,
MONTGOMERY	8610	2224	571	5665	6792	1781	377	4527	-513	-233	-247	-110	-5.82%	Vidalia,
MORGAN	20097	4339	712	14487	15574	3280	434	11452	2229	20	2145	160	5.13%	**Atlanta-Sandy Sprin**
MURRAY	39973	556	5914	32164	30210	321	3696	25146	345	143	1230	101	45.91%	Dalton,
MUSCOGEE	206922	102212	16513	79083	157052	74301	10894	64635	17037	12315	15765	11327	17.99%	Columbus, -AL
NEWTON	112483	55901	7164	46746	84748	40433	4561	37631	12525	13634	13663	12748	46.05%	**Atlanta-Sandy Sprin**
OCONEE	41799	2280	2347	33886	30221	1660	1405	24942	8991	504	6716	409	32.69%	Athens-Clarke Count
OGLETHORPE	14825	2468	869	10903	11639	1853	531	8799	-74	-272	295	-162	-8.04%	Athens-Clarke Count
PAULDING	168661	41296	12564	108444	123998	28164	7974	83066	26337	15231	24768	11767	71.76%	**Atlanta-Sandy Sprin**
PEACH	27981	12645	2547	12119	22111	9720	1788	10071	286	-309	736	-223	-2.24%	Warner Robins,
PICKENS	33216	512	1198	30122	26799	319	755	24626	3785	124	4005	81	34.03%	**Atlanta-Sandy Sprin**
PIERCE	19716	1801	998	16403	14899	1262	595	12662	958	38	1037	50	4.13%	Waycross,
PIKE	18889	1613	348	16313	14337	1254	207	12422	1020	-333	1306	-210	-14.34%	**Atlanta-Sandy Sprin**
POLK	42853	5816	5585	30161	32238	3991	3252	24049	1378	280	1809	274	7.37%	Cedartown,
PULASKI	9855	3250	327	6022	8012	2564	224	5027	-2155	-642	-1420	-387	-13.11%	
PUTNAM	22047	5701	1557	14316	17847	4229	1031	12209	829	64	1230	245	6.15%	
QUITMAN	2235	965	31	1190	1870	765	18	1037	-278	-248	-129	-141	-15.56%	Eufaula, AL-
RABUN	16883	210	1452	14625	13767	129	928	12236	607	-6	920	25	24.04%	
RANDOLPH	6425	3947	143	2250	4977	2913	82	1922	-1294	-862	-1014	-619	-17.53%	
RICHMOND	206607	119970	11449	68397	160899	87930	8445	58403	6058	7979	9655	9329	11.87%	Augusta-Richmond C
ROCKDALE	93570	57204	9540	24500	71503	41935	6089	21457	8355	16468	9202	14643	53.65%	**Atlanta-Sandy Sprin**
SCHLEY	4547	933	175	3357	3328	644	103	2520	-463	-247	-179	-166	-20.49%	Americus,
SCREVEN	14067	5527	287	8018	10893	4144	188	6387	-526	-897	-10	-326	-7.29%	
SEMINOLE	9147	3093	228	5617	7277	2275	160	4681	418	133	552	209	10.12%	
SPALDING	67306	24522	3666	37105	52123	17511	2377	30612	3233	2894	4261	2752	18.65%	**Atlanta-Sandy Sprin**
STEPHENS	26784	3527	857	21323	21163	2467	578	17310	609	387	940	314	14.58%	Toccoa,
STEWART	5314	2538	1217	1338	4617	2048	1196	1161	-744	-360	-492	-156	-7.08%	Columbus, -AL
SUMTER	29616	15546	1770	11528	23036	11479	1147	9800	-3203	-1654	-1482	-395	-3.33%	Americus,
TALBOT	5733	3145	112	2427	4783	2537	56	2129	-1132	-964	-618	-544	-17.66%	Columbus, -AL
TALIAFERRO	1559	876	69	591	1289	722	46	506	-158	-167	-105	-109	-13.12%	
TATTNALL	22842	6331	2303	13825	17654	4886	1419	11020	-2678	-1295	-2460	-1348	-21.62%	

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
TAYLOR	7816	2946	168	4584	6120	2235	107	3686	-1090	-602	-608	-380	-14.53%	
TELFAIR	12477	4754	1928	5970	10190	3806	1757	4802	-4023	-1380	-2994	-924	-19.53%	
TERRELL	9185	5707	177	3189	7204	4274	121	2709	-130	-57	193	241	5.98%	Albany,
THOMAS	45798	16975	1577	25994	35037	12332	970	20740	1078	236	1454	417	3.50%	Thomasville,
TIFT	41344	12734	5219	22189	31224	8963	3295	18011	1226	859	1466	803	9.84%	Tifton,
TOOMBS	27030	7402	3044	16007	20261	5036	1978	12810	-193	453	653	552	12.31%	Vidalia,
TOWNS	12493	168	415	11469	10923	137	338	10100	2022	115	2093	94	218.60%	
TREUTLEN	6406	2114	170	4065	4934	1514	98	3272	-479	-167	-238	-69	-4.36%	Dublin,
TROUP	69426	25473	2956	38099	52581	18202	1822	30377	2382	2501	3339	2433	15.43%	LaGrange, -AL
TURNER	9006	3813	372	4700	6960	2752	256	3891	76	68	233	140	5.36%	
TWIGGS	8022	3226	124	4487	6589	2627	79	3733	-1001	-559	-578	-271	-9.35%	Macon-Bibb County,
UNION	24632	228	816	22646	20808	147	563	19351	3276	112	3245	66	81.48%	
UPSON	27700	8324	633	18009	21711	6202	411	14548	547	572	975	627	11.25%	Thomaston,
WALKER	67654	3664	1685	59654	52794	2454	1066	47292	-1102	368	294	239	10.79%	Chattanoo, TN-
WALTON	96673	18804	5228	68499	73098	13165	3236	53647	12905	5086	11918	4068	44.72%	**Atlanta-Sandy Sprin**
WARE	36251	11421	1612	22275	27788	8226	1012	17818	-61	411	33	377	4.80%	Waycross,
WARREN	5215	3128	53	1974	4159	2360	46	1716	-619	-496	-302	-229	-8.85%	
WASHINGTON	19988	10969	334	8412	15709	8333	235	6944	-1199	-354	-432	47	0.57%	
WAYNE	30144	6390	1732	21301	23105	4662	1116	16754	45	92	467	119	2.62%	Jesup,
WEBSTER	2348	1107	59	1136	1847	844	36	931	-451	-94	-242	-17	-1.97%	
WHEELER	7471	2949	272	4157	6217	2561	174	3418	50	302	195	342	15.41%	
WHITE	28003	721	913	24959	22482	484	605	20318	859	153	1538	104	27.37%	
WHITFIELD	102864	4919	36916	57875	76262	3349	23553	46881	265	400	2946	286	9.34%	Dalton,
WILCOX	8766	3161	272	5185	7218	2693	209	4215	-489	-144	-250	-1	-0.04%	
WILKES	9565	3989	399	4952	7651	3071	243	4154	-1028	-651	-586	-386	-11.17%	
WILKINSON	8877	3330	239	5110	7026	2549	152	4165	-686	-390	-213	-144	-5.35%	
WORTH	20784	5517	381	14427	16444	4108	244	11747	-895	-574	108	-141	-3.32%	Albany,
Total	**10711908**	**3538146**	**1123457**	**5362156**	**8220274**	**2607986**	**742918**	**4342333**	**1024255**	**484048**	**1024173**	**467197**		

EXHIBIT G-2

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
APPLING		18236	13542	2419	1016	9968	17.9%	18444	13958	2540	10048	18.2%	0.3%	
ATKINSON		8375	5945	1040	1209	3642	17.5%	8286	6129	937	3787	15.3%	-2.2%	Douglas,
BACON		11096	8270	1214	514	6481	14.7%	11140	8310	1245	6374	15.0%	0.3%	
BAKER	Region C	3451	2650	1223	73	1331	46.2%	2876	2275	932	1235	41.0%	-5.2%	
BALDWIN		45720	36369	14027	677	21005	38.6%	43799	35732	14515	19377	40.6%	2.1%	Milledgeville,
BANKS		18395	13752	351	615	12531	2.6%	18035	13900	365	12278	2.6%	0.1%	
BARROW		69367	49778	5669	3613	38607	11.4%	83505	62195	8222	43241	13.2%	1.8%	**Atlanta-Sandy S**
BARTOW		100157	73357	7294	4506	60334	9.9%	108901	83570	9377	63759	11.2%	1.3%	**Atlanta-Sandy S**
BEN HILL		17634	12966	4247	572	7983	32.8%	17194	13165	4745	7459	36.0%	3.3%	Fitzgerald,
BERRIEN		19286	14347	1433	501	12265	10.0%	18160	13690	1499	11181	10.9%	1.0%	
BIBB		155547	115428	56527	2849	53639	49.0%	157346	120902	64270	47979	53.2%	4.2%	Macon-Bibb Cou
BLECKLEY		13063	10114	2708	189	7124	26.8%	12583	9613	2036	7032	21.2%	-5.6%	
BRANTLEY		18411	13518	403	194	12739	3.0%	18021	13692	470	12522	3.4%	0.5%	Brunswick,
BROOKS		16243	12393	4145	553	7564	33.4%	16301	12747	4357	7483	34.2%	0.7%	Valdosta,
BRYAN		30233	21376	2977	777	17090	13.9%	44738	31828	5025	23033	15.8%	1.9%	Savannah,
BULLOCH		70217	55824	14915	1726	37973	26.7%	81099	64494	18220	41041	28.3%	1.5%	Statesboro,
BURKE	Region B	23316	16731	7861	414	8340	47.0%	24596	18778	8362	9566	44.5%	-2.5%	Augusta-Richmo
BUTTS		23655	18330	5096	394	12648	27.8%	25434	20360	5660	13510	27.8%	0.0%	**Atlanta-Sandy S**
CALHOUN	Region C	6694	5374	3262	194	1893	60.7%	5573	4687	2998	1567	64.0%	3.3%	
CAMDEN		50513	36861	7010	1622	27230	19.0%	54768	41808	7828	29410	18.7%	-0.3%	St. Marys,
CANDLER		10998	8179	1950	774	5392	23.8%	10981	8241	2009	5229	24.4%	0.5%	
CARROLL		110527	82403	14911	4258	62068	18.1%	119148	90996	17827	63803	19.6%	1.5%	**Atlanta-Sandy S**
CATOOSA		63942	48002	1042	880	45014	2.2%	67872	52448	1684	46578	3.2%	1.0%	Chattanoo, TN-
CHARLTON		12171	9529	2801	252	6343	29.4%	12518	10135	2147	5929	21.2%	-8.2%	
CHATHAM		265128	205121	77343	9986	111471	37.7%	295291	234715	85178	119161	36.3%	-1.4%	Savannah,
CHATTAHOOCHEE		11267	8214	1571	940	5353	19.1%	9565	7199	1287	4212	17.9%	-1.2%	Columbus, -AL
CHATTOOGA		26015	20157	2541	621	16780	12.6%	24965	19416	2235	15885	11.5%	-1.1%	Summerville,
CHEROKEE		214346	155426	8754	12908	129832	5.6%	266620	202928	14976	156155	7.4%	1.7%	**Atlanta-Sandy S**
CLARKE		116714	96291	23063	7933	60254	24.0%	128671	106830	24776	64531	23.2%	-0.8%	Athens-Clarke C
CLAY	Region C	3183	2466	1384	16	1045	56.1%	2848	2246	1231	973	54.8%	-1.3%	
CLAYTON		259424	184445	121379	21831	32242	65.8%	297595	220578	158854	23396	72.0%	6.2%	**Atlanta-Sandy S**
CLINCH		6798	4955	1255	142	3505	25.3%	6749	5034	1406	3372	27.9%	2.6%	
COBB		688078	511591	124711	53080	307377	24.4%	766149	591848	166141	303300	28.1%	3.7%	**Atlanta-Sandy S**

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
COFFEE		42356	31255	8219	2554	20113	26.3%	43092	32419	9191	19146	28.4%	2.1%	Douglas,
COLQUITT		45498	32914	7021	4701	20826	21.3%	45898	34193	7461	20507	21.8%	0.5%	Moultrie,
COLUMBIA		124053	90243	13211	3862	68414	14.6%	156010	114823	22273	76070	19.4%	4.8%	Augusta-Richmo
COOK		17212	12530	3270	603	8505	26.1%	17229	12938	3595	8310	27.8%	1.7%	
COWETA		127317	92485	15695	5588	69124	17.0%	146158	111155	20196	78073	18.2%	1.2%	**Atlanta-Sandy S**
CRAWFORD		12630	9762	2179	196	7266	22.3%	12130	9606	1938	7079	20.2%	-2.1%	Macon-Bibb Cou
CRISP		23439	17317	6817	461	9863	39.4%	20128	15570	6603	8248	42.4%	3.0%	Cordele,
DADE		16633	13047	136	177	12466	1.0%	16251	12987	140	11925	1.1%	0.0%	Chattanoo, TN-
DAWSON		22330	17247	103	602	16265	0.6%	26798	21441	249	19183	1.2%	0.6%	**Atlanta-Sandy S**
DECATUR		27842	20760	8077	821	11670	38.9%	29367	22443	9189	11586	40.9%	2.0%	Bainbridge,
DEKALB		691893	526757	279900	46921	171336	53.1%	764382	595276	314230	180161	52.8%	-0.3%	**Atlanta-Sandy S**
DODGE		21796	16719	4819	495	11280	28.8%	19925	15709	4725	10360	30.1%	1.3%	
DOOLY		14918	11759	5694	558	5437	48.4%	11208	9187	4526	4029	49.3%	0.8%	
DOUGHERTY	Region C	94565	70231	44983	1360	23106	64.1%	85790	66266	45631	17909	68.9%	4.8%	Albany,
DOUGLAS		132403	94870	35517	6581	51014	37.4%	144237	108428	53377	41416	49.2%	11.8%	**Atlanta-Sandy S**
EARLY	Region C	11008	8107	3791	99	4156	46.8%	10854	8315	4075	3985	49.0%	2.2%	
ECHOLS		4034	2851	139	697	1925	4.9%	3697	2709	121	1856	4.5%	-0.4%	Valdosta,
EFFINGHAM		52250	37344	4943	867	30847	13.2%	64769	47295	6831	36237	14.4%	1.2%	Savannah,
ELBERT		20166	15467	4332	588	10422	28.0%	19637	15493	4122	10322	26.6%	-1.4%	
EMANUEL		22598	16850	5269	582	10793	31.3%	22768	17320	5404	11013	31.2%	-0.1%	
EVANS		11000	8163	2320	861	4918	28.4%	10774	8127	2410	4826	29.7%	1.2%	
FANNIN		23682	19151	71	293	18506	0.4%	25319	21188	133	19721	0.6%	0.3%	
FAYETTE	Region A	106567	78468	15355	4183	55492	19.6%	119194	91798	23728	55102	25.8%	6.3%	**Atlanta-Sandy S**
FLOYD		96317	72872	9928	5376	56175	13.6%	98584	76295	11064	55088	14.5%	0.9%	Rome,
FORSYTH		175511	122106	3291	10403	100172	2.7%	251283	181193	8751	122017	4.8%	2.1%	**Atlanta-Sandy S**
FRANKLIN		22084	17128	1428	560	14944	8.3%	23424	18307	1523	15466	8.3%	0.0%	
FULTON		920581	700895	306606	48745	304024	43.7%	1066710	847182	368635	340541	43.5%	-0.2%	**Atlanta-Sandy S**
GILMER		28292	22063	108	1557	20116	0.5%	31353	25417	161	22187	0.6%	0.1%	
GLASCOCK	Region B	3082	2269	185	18	2040	8.2%	2884	2236	167	2003	7.5%	-0.7%	
GLYNN		79626	60395	14559	3283	41521	24.1%	84499	66468	15620	44302	23.5%	-0.6%	Brunswick,
GORDON		55186	40311	1616	4603	33417	4.0%	57544	43500	1939	34084	4.5%	0.4%	Calhoun,
GRADY		25011	18584	5115	1570	11674	27.5%	26236	19962	5678	11968	28.4%	0.9%	
GREENE		15994	12697	4408	573	7609	34.7%	18915	15358	4470	9675	29.1%	-5.6%	

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
GWINNETT		805321	570614	131017	102225	272913	23.0%	957062	709484	202762	252041	28.6%	5.6%	**Atlanta-Sandy S**
HABERSHAM		43041	32737	1279	2997	27461	3.9%	46031	35878	1675	28299	4.7%	0.8%	Cornelia,
HALL		179684	129518	9762	27227	89587	7.5%	203136	153844	12094	98800	7.9%	0.3%	inesville,
HANCOCK	Region B	9429	7710	5529	118	2018	71.7%	8735	7487	5108	2220	68.2%	-3.5%	Milledgeville,
HARALSON		28780	21547	1062	187	19985	4.9%	29919	22854	1106	20617	4.8%	-0.1%	**Atlanta-Sandy S**
HARRIS		32024	24406	4243	567	19136	17.4%	34668	26799	4431	20298	16.5%	-0.9%	Columbus, -AL
HART		25213	19602	3496	474	15405	17.8%	25828	20436	3447	15761	16.9%	-1.0%	
HEARD		11834	8786	892	123	7635	10.2%	11412	8698	832	7407	9.6%	-0.6%	**Atlanta-Sandy S**
HENRY	Region A	203922	144265	51432	7182	80733	35.7%	240712	179973	89657	69744	49.8%	14.2%	**Atlanta-Sandy S**
HOUSTON		139900	102409	28169	5357	65255	27.5%	163633	122118	39605	68018	32.4%	4.9%	Warner Robins,
IRWIN		9538	7223	1830	140	5209	25.3%	9666	7547	1720	5047	22.8%	-2.5%	
JACKSON		60485	44440	3128	2251	38046	7.0%	75907	56451	4268	45015	7.6%	0.5%	Jefferson,
JASPER		13900	10425	2272	308	7724	21.8%	14588	11118	1966	8400	17.7%	-4.1%	**Atlanta-Sandy S**
JEFF DAVIS		15068	10902	1569	893	8352	14.4%	14779	10856	1752	7643	16.1%	1.7%	
JEFFERSON	Region B	16930	12659	6696	340	5550	52.9%	15709	12301	6324	5536	51.4%	-1.5%	
JENKINS	Region B	8340	6104	2282	214	3556	37.4%	8674	7005	2843	3874	40.6%	3.2%	
JOHNSON		9980	7890	2688	128	5047	34.1%	9189	7474	2513	4790	33.6%	-0.4%	Dublin,
JONES		28669	21196	5211	188	15538	24.6%	28347	21575	5341	15428	24.8%	0.2%	Macon-Bibb Cou
LAMAR		18317	14448	4594	219	9500	31.8%	18500	14541	4017	9852	27.6%	-4.2%	**Atlanta-Sandy S**
LANIER		10078	7310	1710	259	5195	23.4%	9877	7326	1683	5010	23.0%	-0.4%	Valdosta,
LAURENS		48434	35959	12217	725	22496	34.0%	49570	37734	13695	22229	36.3%	2.3%	Dublin,
LEE		28298	20363	3770	348	15672	18.5%	33163	24676	5503	17356	22.3%	3.8%	Albany,
LIBERTY		63453	44262	19024	3649	20233	43.0%	65256	48014	21700	19065	45.2%	2.2%	Hinesville,
LINCOLN		7996	6345	1969	63	4250	31.0%	7690	6270	1728	4316	27.6%	-3.5%	Augusta-Richmo
LONG		14464	10045	2577	1031	6249	25.7%	16168	11234	3107	6422	27.7%	2.0%	Hinesville,
LOWNDES		109233	82263	28396	3467	48506	34.5%	118251	89031	33302	47140	37.4%	2.9%	Valdosta,
LUMPKIN		29966	23725	338	861	22026	1.4%	33488	27689	507	24419	1.8%	0.4%	
MACON		14740	11487	6931	346	9690	60.3%	12082	9938	6021	3379	60.6%	**0.2%**	
MADISON		28120	21246	1788	642	7069	8.4%	30120	23112	2225	18643	9.6%	1.2%	Athens-Clarke C
MARION		8742	6646	2113	353	4035	31.8%	7498	5854	1687	3643	28.8%	-3.0%	Columbus, -AL
MCDUFFIE	Region B	21875	16177	6058	282	18544	37.4%	21632	16615	6425	9359	38.7%	**1.2%**	Augusta-Richmo
MCINTOSH		14333	11255	3933	147	4057	34.9%	10975	9040	2641	5998	29.2%	-5.7%	Brunswick,
MERIWETHER		21992	16782	6238	216	10121	37.2%	20613	16526	5845	9994	35.4%	-1.8%	**Atlanta-Sandy S**

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MILLER	Region C	6125	4689	1246	51	3364	26.6%	6000	4749	1358	3239	28.6%	2.0%	
MITCHELL	Region C	23498	17662	8174	675	8626	46.3%	21755	17065	7917	8284	46.4%	0.1%	
MONROE		26424	20471	4853	351	14967	23.7%	27957	21913	5068	15771	23.1%	-0.6%	Macon-Bibb Cou
MONTGOMERY		9123	7039	1891	294	4822	26.9%	8610	6792	1781	4527	26.2%	-0.6%	Vidalia,
MORGAN		17868	13429	3120	304	9845	23.2%	20097	15574	3280	11452	21.1%	-2.2%	**Atlanta-Sandy S**
MURRAY		39628	28980	220	2875	25580	0.8%	39973	30210	321	25146	1.1%	0.3%	Dalton,
MUSCOGEE		189885	141287	62974	7954	66462	44.6%	206922	157052	74301	64635	47.3%	2.7%	Columbus, -AL
NEWTON	Region A	99958	71085	27685	2719	39806	38.9%	112483	84748	40433	37631	47.7%	8.8%	**Atlanta-Sandy S**
OCONEE		32808	23505	1251	854	20545	5.3%	41799	30221	1660	24942	5.5%	0.2%	Athens-Clarke C
OGLETHORPE		14899	11344	2015	318	8876	17.8%	14825	11639	1853	8799	15.9%	-1.8%	Athens-Clarke C
PAULDING		142324	99230	16397	4235	77000	16.5%	168661	123998	28164	83066	22.7%	6.2%	**Atlanta-Sandy S**
PEACH		27695	21375	9943	1225	9937	46.5%	27981	22111	9720	10071	44.0%	-2.6%	Warner Robins,
PICKENS		29431	22794	238	488	21759	1.0%	33216	26799	319	24626	1.2%	0.1%	**Atlanta-Sandy S**
PIERCE		18758	13862	1212	510	11953	8.7%	19716	14899	1262	12662	8.5%	-0.3%	Waycross,
PIKE		17869	13031	1464	130	11275	11.2%	18889	14337	1254	12422	8.7%	-2.5%	**Atlanta-Sandy S**
POLK		41475	30429	3717	2781	23535	12.2%	42853	32238	3991	24049	12.4%	0.2%	Cedartown,
PULASKI		12010	9432	2951	275	6097	31.3%	9855	8012	2564	5027	32.0%	0.7%	
PUTNAM		21218	16617	3984	825	11647	24.0%	22047	17847	4229	12209	23.7%	-0.3%	
QUITMAN	Region C	2513	1999	906	21	1072	45.3%	2235	1870	765	1037	40.9%	-4.4%	Eufaula, AL-
RABUN		16276	12847	104	819	11728	0.8%	16883	13767	129	12236	0.9%	0.1%	
RANDOLPH	Region C	7719	5991	3532	89	2366	59.0%	6425	4977	2913	1922	58.5%	-0.4%	
RICHMOND	Region B	200549	151244	78601	5630	63232	52.0%	206607	160899	87930	58403	54.6%	2.7%	Augusta-Richmo
ROCKDALE	Region A	85215	62301	27292	5017	28709	43.8%	93570	71503	41935	21457	58.6%	14.8%	**Atlanta-Sandy S**
SCHLEY		5010	3507	810	82	2579	23.1%	4547	3328	644	2520	19.4%	-3.7%	Americus,
SCREVEN		14593	10903	4470	106	6241	41.0%	14067	10893	4144	6387	38.0%	-3.0%	
SEMINOLE		8729	6725	2066	124	4489	30.7%	9147	7277	2275	4681	31.3%	0.5%	
SPALDING	Region A	64073	47862	14759	1612	30775	30.8%	67306	52123	17511	30612	33.6%	2.8%	**Atlanta-Sandy S**
STEPHENS		26175	20223	2153	363	17423	10.6%	26784	21163	2467	17310	11.7%	1.0%	Toccoa,
STEWART	Region C	6058	5109	2204	1438	1421	43.1%	5314	4617	2048	1161	44.4%	1.2%	Columbus, -AL
SUMTER	Region C	32819	24518	11874	1098	11129	48.4%	29616	23036	11479	9800	49.8%	1.4%	Americus,
TALBOT		6865	5401	3081	66	2228	57.0%	5733	4783	2537	2129	53.0%	-4.0%	Columbus, -AL
TALIAFERRO	Region B	1717	1394	831	20	533	59.6%	1559	1289	722	506	56.0%	-3.6%	
TATTNALL		25520	20114	6234	1598	12120	31.0%	22842	17654	4886	11020	27.7%	-3.3%	

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
TAYLOR		8906	6728	2615	112	3944	38.9%	7816	6120	2235	3686	36.5%	-2.3%	
TELFAIR		16500	13184	4730	1838	6720	35.9%	12477	10190	3806	4802	37.4%	1.5%	
TERRELL	Region C	9315	7011	4033	105	2854	57.5%	9185	7204	4274	2709	59.3%	1.8%	Albany,
THOMAS		44720	33583	11915	793	20401	35.5%	45798	35037	12332	20740	35.2%	-0.3%	Thomasville,
TIFT		40118	29758	8160	2376	18742	27.4%	41344	31224	8963	18011	28.7%	1.3%	Tifton,
TOOMBS		27223	19608	4484	1779	13099	22.9%	27030	20261	5036	12810	24.9%	2.0%	Vidalia,
TOWNS		10471	8830	43	149	8559	0.5%	12493	10923	137	10100	1.3%	0.8%	
TREUTLEN		6885	5172	1583	70	3499	30.6%	6406	4934	1514	3272	30.7%	0.1%	Dublin,
TROUP		67044	49242	15769	1359	31106	32.0%	69426	52581	18202	30377	34.6%	2.6%	LaGrange, -AL
TURNER		8930	6727	2612	175	3879	38.8%	9006	6960	2752	3891	39.5%	0.7%	
TWIGGS		9023	7167	2898	89	4130	40.4%	8022	6589	2627	3733	39.9%	-0.6%	Macon-Bibb Cou
UNION		21356	17563	81	347	16853	0.5%	24632	20808	147	19351	0.7%	0.2%	
UPSON		27153	20736	5575	375	14562	26.9%	27700	21711	6202	14548	28.6%	1.7%	Thomaston,
WALKER		68756	52500	2215	673	48872	4.2%	67654	52794	2454	47292	4.6%	0.4%	Chattanoo, TN-
WALTON		83768	61180	9097	1619	49336	14.9%	96673	73098	13165	53647	18.0%	3.1%	**Atlanta-Sandy S**
WARE		36312	27755	7849	764	18749	28.3%	36251	27788	8226	17818	29.6%	1.3%	Waycross,
WARREN	Region B	5834	4461	2589	36	1815	58.0%	5215	4159	2360	1716	56.7%	-1.3%	
WASHINGTON	Region B	21187	16141	8286	299	7477	51.3%	19988	15709	8333	6944	53.0%	1.7%	
WAYNE		30099	22638	4543	1181	16655	20.1%	30144	23105	4662	16754	20.2%	0.1%	Jesup,
WEBSTER	Region C	2799	2089	861	49	1173	41.2%	2348	1847	844	931	45.7%	4.5%	
WHEELER		7421	6022	2219	253	3548	36.8%	7471	6217	2561	3418	41.2%	4.3%	
WHITE		27144	20944	380	370	19852	1.8%	28003	22482	484	20318	2.2%	0.3%	
WHITFIELD		102599	73316	3063	18717	50242	4.2%	102864	76262	3349	46881	4.4%	0.2%	Dalton,
WILCOX		9255	7468	2694	261	4470	36.1%	8766	7218	2693	4215	37.3%	1.2%	
WILKES	Region B	10593	8237	3457	218	4505	42.0%	9565	7651	3071	4154	40.1%	-1.8%	
WILKINSON		9563	7239	2693	137	4340	37.2%	8877	7026	2549	4165	36.3%	-0.9%	
WORTH		21679	16336	4249	217	11699	26.0%	20784	16444	4108	11747	25.0%	-1.0%	Albany,
Total		9687653	7196101	2140789	539002	4242514	29.7%	10711908	8220274	2607986	4342333	**31.7%**	**2.0%**	

EXHIBIT G-3

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
APPLING	18236	3483	1704	12854	13542	2419	1016	9968	817	33	852	160	7.08%	
ATKINSON	8375	1500	2039	4776	5945	1040	1209	3642	766	-6	644	15	1.46%	Douglas,
BACON	11096	1788	791	8431	8270	1214	514	6481	993	161	815	218	21.89%	
BAKER	3451	1637	145	1642	2650	1223	73	1331	-623	-425	-311	-184	-13.08%	
BALDWIN	45720	19285	919	24704	36369	14027	677	21005	1020	-288	1390	-314	-2.19%	Milledgeville,
BANKS	18395	486	1041	16526	13752	351	615	12531	3973	9	3106	11	3.24%	
BARROW	69367	8620	6037	51736	49778	5669	3613	38607	23223	3945	16759	2554	81.99%	**Atlanta-Sandy Sprin**
BARTOW	100157	11030	7690	79803	73357	7294	4506	60334	24138	4201	18537	2753	60.63%	**Atlanta-Sandy Sprin**
BEN HILL	17634	6217	1026	10164	12966	4247	572	7983	150	463	291	505	13.50%	Fitzgerald,
BERRIEN	19286	2145	885	16050	14347	1433	501	12265	3051	263	2536	235	19.62%	
BIBB	155547	82471	4389	65494	115428	56527	2849	53639	1660	9069	2421	7533	15.38%	Macon-Bibb County,
BLECKLEY	13063	3633	301	9000	10114	2708	189	7124	1397	742	1549	830	44.20%	
BRANTLEY	18411	603	343	17198	13518	403	194	12739	3782	-9	3034	7	1.77%	Brunswick,
BROOKS	16243	5794	853	9425	12393	4145	553	7564	-207	-735	368	-122	-2.86%	Valdosta,
BRYAN	30233	4626	1336	23446	21376	2977	777	17090	6816	1195	5248	776	35.26%	Savannah,
BULLOCH	70217	20006	2439	46251	55824	14915	1726	37973	14234	3735	12321	3115	26.40%	Statesboro,
BURKE	23316	11712	617	10844	16731	7861	414	8340	1073	291	1442	634	8.77%	Augusta-Richmond C
BUTTS	23655	6617	597	16200	18330	5096	394	12648	4133	912	3507	902	21.51%	**Atlanta-Sandy Sprin**
CALHOUN	6694	4149	262	2250	5374	3262	194	1893	374	304	449	354	12.17%	
CAMDEN	50513	10564	2590	35977	36861	7010	1622	27230	6849	1487	7029	1355	23.96%	St. Marys,
CANDLER	10998	2731	1227	6949	8179	1950	774	5392	1421	108	1170	154	8.57%	
CARROLL	110527	21569	6800	80531	82403	14911	4258	62068	23259	6922	17765	4959	49.83%	**Atlanta-Sandy Sprin**
CATOOSA	63942	1793	1469	59149	48002	1042	880	45014	10660	1026	8476	587	129.01%	Chattanoo, TN-
CHARLTON	12171	3562	310	8116	9529	2801	252	6343	1889	505	2073	644	29.86%	
CHATHAM	265128	109428	14370	133492	205121	77343	9986	111471	33080	14186	31156	13015	20.23%	Savannah,
CHATTAHOOCHEE	11267	2308	1398	7089	8214	1571	940	5353	-3615	-2393	-2442	-1497	-48.79%	Columbus, -AL
CHATTOOGA	26015	3091	1043	21589	20157	2541	621	16780	545	131	521	202	8.64%	Summerville,
CHEROKEE	214346	13870	20566	174243	155426	8754	12908	129832	72443	10019	53633	6272	252.70%	**Atlanta-Sandy Sprin**
CLARKE	116714	32083	12192	66674	96291	23063	7933	60254	15225	3918	12910	3630	18.68%	Athens-Clarke Count
CLAY	3183	1945	26	1188	2466	1384	16	1045	-174	-99	-27	7	0.51%	
CLAYTON	259424	175977	35447	36610	184445	121379	21831	32242	22907	51427	18849	41548	52.04%	**Atlanta-Sandy Sprin**
CLINCH	6798	1939	236	4536	4955	1255	142	3505	-80	-118	-7	-100	-7.38%	
COBB	688078	180965	84330	387438	511591	124711	53080	307377	80327	62736	62246	44994	56.44%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
COFFEE	42356	11594	4352	25907	31255	8219	2554	20113	4943	1788	4424	1720	26.47%	Douglas,
COLQUITT	45498	10467	7763	26759	32914	7021	4701	20826	3445	478	2404	644	10.10%	Moultrie,
COLUMBIA	124053	19881	6175	91517	90243	13211	3862	68414	34765	9506	27385	6325	91.85%	Augusta-Richmond C
COOK	17212	4793	1024	11171	12530	3270	603	8505	1441	148	1212	345	11.79%	
COWETA	127317	23159	8493	92604	92485	15695	5588	69124	38102	6873	28912	5051	47.45%	**Atlanta-Sandy Sprin**
CRAWFORD	12630	2903	301	9282	9762	2179	196	7266	135	-116	715	36	1.68%	Macon-Bibb County,
CRISP	23439	10230	748	12216	17317	6817	461	9863	1443	606	1699	827	13.81%	Cordele,
DADE	16633	188	292	15796	13047	136	177	12466	1479	85	1506	50	58.14%	Chattanoo, TN-
DAWSON	22330	189	920	20847	17247	103	602	16265	6331	116	5256	64	164.10%	**Atlanta-Sandy Sprin**
DECATUR	27842	11599	1404	14615	20760	8077	821	11670	-398	246	582	705	9.56%	Bainbridge,
DEKALB	691893	384553	67824	203395	526757	279900	46921	171336	26028	16037	24870	26315	10.38%	**Atlanta-Sandy Sprin**
DODGE	21796	6628	732	14273	16719	4819	495	11280	2625	958	2527	997	26.09%	
DOOLY	14918	7511	862	6461	11759	5694	558	5437	3393	1768	3182	1662	41.22%	
DOUGHERTY	94565	64247	2073	27315	70231	44983	1360	23106	-1500	6093	742	6129	15.77%	Albany,
DOUGLAS	132403	54253	11125	64911	94870	35517	6581	51014	40229	36600	28131	23987	208.04%	**Atlanta-Sandy Sprin**
EARLY	11008	5510	171	5250	8107	3791	99	4156	-1346	-486	-706	-14	-0.37%	
ECHOLS	4034	183	1183	2555	2851	139	697	1925	280	-78	197	-30	-17.75%	Valdosta,
EFFINGHAM	52250	7457	1501	42311	37344	4943	867	30847	14715	2472	11043	1746	54.61%	Savannah,
ELBERT	20166	6057	967	12956	15467	4332	588	10422	-345	-303	258	8	0.19%	
EMANUEL	22598	7668	921	13733	16850	5269	582	10793	761	350	1088	607	13.02%	
EVANS	11000	3254	1441	6228	8163	2320	861	4918	505	-223	552	26	1.13%	
FANNIN	23682	115	431	22761	19151	71	293	18506	3884	83	3497	51	255.00%	
FAYETTE	106567	22498	6760	72202	78468	15355	4183	55492	15304	11666	13759	8269	116.69%	**Atlanta-Sandy Sprin**
FLOYD	96317	14431	8987	70959	72872	9928	5376	56175	5752	2086	4543	1595	19.14%	Rome,
FORSYTH	175511	5305	16550	140943	122106	3291	10403	100172	77104	4535	51165	2758	517.45%	**Atlanta-Sandy Sprin**
FRANKLIN	22084	2037	866	18913	17128	1428	560	14944	1799	200	1697	155	12.18%	
FULTON	920581	416892	72566	376014	700895	306606	48745	304024	104575	47878	84179	45410	17.39%	**Atlanta-Sandy Sprin**
GILMER	28292	212	2677	25078	22063	108	1557	20116	4836	136	4310	65	151.16%	
GLASCOCK	3082	265	33	2750	2269	185	18	2040	526	47	322	22	13.50%	
GLYNN	79626	21465	5126	51602	60395	14559	3283	41521	12058	3318	9935	2637	22.12%	Brunswick,
GORDON	55186	2392	7738	44107	40311	1616	4603	33417	11082	759	7705	512	46.38%	Calhoun,
GRADY	25011	7330	2500	14879	18584	5115	1570	11674	1352	123	1378	407	8.64%	
GREENE	15994	6205	893	8771	12697	4408	573	7609	1588	-229	1905	124	2.89%	

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
GWINNETT	805321	201532	162035	354316	570614	131017	102225	272913	216873	119728	148159	76424	139.99%	**Atlanta-Sandy Sprin**
HABERSHAM	43041	1667	5333	34621	32737	1279	2997	27461	7139	-41	5266	-99	-7.18%	Cornelia,
HALL	179684	14397	46906	114300	129518	9762	27227	89587	40407	3911	27758	2670	37.65%	inesville,
HANCOCK	9429	7018	139	2212	7710	5529	118	2018	-647	-837	59	-168	-2.95%	Milledgeville,
HARALSON	28780	1528	318	26516	21547	1062	187	19985	3090	85	2555	96	9.94%	**Atlanta-Sandy Sprin**
HARRIS	32024	5678	872	24848	24406	4243	567	19136	8329	1016	6776	899	26.88%	Columbus, -AL
HART	25213	4899	786	19213	19602	3496	474	15405	2216	382	2007	375	12.02%	
HEARD	11834	1243	223	10190	8786	892	123	7635	822	22	938	36	4.21%	**Atlanta-Sandy Sprin**
HENRY	203922	78297	11813	107083	144265	51432	7182	80733	84581	60321	59785	39567	333.48%	**Atlanta-Sandy Sprin**
HOUSTON	139900	41801	8515	84703	102409	28169	5357	65255	29135	13755	22860	9779	53.18%	Warner Robins,
IRWIN	9538	2515	228	6719	7223	1830	140	5209	-393	-70	152	220	13.66%	
JACKSON	60485	4530	3736	50695	44440	3128	2251	38046	18896	1174	13922	705	29.10%	Jefferson,
JASPER	13900	3142	510	10095	10425	2272	308	7724	2474	-3	2108	119	5.53%	**Atlanta-Sandy Sprin**
JEFF DAVIS	15068	2302	1577	11056	10902	1569	893	8352	2384	370	1672	267	20.51%	
JEFFERSON	16930	9303	517	7015	12659	6696	340	5550	-336	-453	296	143	2.18%	
JENKINS	8340	3441	334	4508	6104	2282	214	3556	-235	-55	-28	2	0.09%	
JOHNSON	9980	3531	186	6219	7890	2688	128	5047	1420	363	1909	797	42.15%	Dublin,
JONES	28669	7169	315	20830	21196	5211	188	15538	5030	1600	3968	1159	28.60%	Macon-Bibb County,
LAMAR	18317	5831	341	11943	14448	4594	219	9500	2405	936	2435	1098	31.41%	**Atlanta-Sandy Sprin**
LANIER	10078	2502	461	6899	7310	1710	259	5195	2837	624	2052	422	32.76%	Valdosta,
LAURENS	48434	17654	1143	28920	35959	12217	725	22496	3560	2035	3130	1774	16.99%	Dublin,
LEE	28298	5431	560	21453	20363	3770	348	15672	3541	1542	3195	1048	38.50%	Albany,
LIBERTY	63453	28651	6159	27085	44262	19024	3649	20233	1843	1184	2346	1757	10.18%	Hinesville,
LINCOLN	7996	2599	98	5201	6345	1969	63	4250	-352	-284	34	-92	-4.46%	Augusta-Richmond C
LONG	14464	3907	1778	8491	10045	2577	1031	6249	4160	1331	3152	1017	65.19%	Hinesville,
LOWNDES	109233	40290	5238	61234	82263	28396	3467	48506	17118	8523	14282	6956	32.44%	Valdosta,
LUMPKIN	29966	467	1344	27519	23725	338	861	22026	8950	124	7811	94	38.52%	
MACON	14740	9019	475	12310	11487	6931	282	9690	666	600	1300	1074	18.34%	
MADISON	28120	2498	227	8716	21246	1788	147	7069	2390	282	2280	275	18.18%	Athens-Clarke Count
MARION	8742	2911	527	4961	6646	2113	346	4035	1598	446	1527	477	29.16%	
MCDUFFIE	21875	8878	1139	24106	16177	6058	642	18544	644	833	862	744	14.00%	Augusta-Richmond C
MCINTOSH	14333	5245	570	5100	11255	3933	353	4057	3486	1203	3450	1269	47.64%	Brunswick,
MERIWETHER	21992	8751	347	12606	16782	6238	216	10121	-542	-809	246	-265	-4.08%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
MILLER	6125	1761	93	4237	4689	1246	51	3364	-258	-87	-16	58	4.88%	
MITCHELL	23498	11329	1028	10894	17662	8174	675	8626	-434	-195	270	347	4.43%	
MONROE	26424	6387	535	19101	20471	4853	351	14967	4667	260	4427	430	9.72%	Macon-Bibb County,
MONTGOMERY	9123	2457	480	6144	7039	1891	294	4822	853	195	840	222	13.30%	Vidalia,
MORGAN	17868	4319	494	12814	13429	3120	304	9845	2411	-162	2078	6	0.19%	**Atlanta-Sandy Sprin**
MURRAY	39628	413	5154	33666	28980	220	2875	25580	3122	109	2678	51	30.18%	Dalton,
MUSCOGEE	189885	89897	12110	82890	141287	62974	7954	66462	3594	6740	4998	7142	12.79%	Columbus, -AL
NEWTON	99958	42267	4635	51995	71085	27685	2719	39806	37957	28259	26241	18457	200.01%	**Atlanta-Sandy Sprin**
OCONEE	32808	1776	1436	28306	23505	1251	854	20545	6583	45	5211	87	7.47%	Athens-Clarke Count
OGLETHORPE	14899	2740	546	11429	11344	2015	318	8876	2264	192	1967	225	12.57%	Athens-Clarke Count
PAULDING	142324	26065	7264	106739	99230	16397	4235	77000	60646	20113	42631	12658	338.54%	**Atlanta-Sandy Sprin**
PEACH	27695	12954	1890	12499	21375	9943	1225	9937	4027	2138	3870	2057	26.08%	Warner Robins,
PICKENS	29431	388	819	27802	22794	238	488	21759	6448	80	5224	27	12.80%	**Atlanta-Sandy Sprin**
PIERCE	18758	1763	887	15860	13862	1212	510	11953	3122	17	2395	47	4.03%	Waycross,
PIKE	17869	1946	193	15506	13031	1464	130	11275	4181	-110	3122	-46	-3.05%	**Atlanta-Sandy Sprin**
POLK	41475	5536	4885	30492	30429	3717	2781	23535	3348	327	2239	194	5.51%	Cedartown,
PULASKI	12010	3892	465	7494	9432	2951	275	6097	2422	579	2060	518	21.29%	
PUTNAM	21218	5637	1347	14024	16617	3984	825	11647	2406	-66	2173	129	3.35%	
QUITMAN	2513	1213	34	1265	1999	906	21	1072	-85	-14	24	91	11.17%	Eufaula, AL-
RABUN	16276	216	1301	14468	12847	104	819	11728	1226	70	1083	26	33.33%	
RANDOLPH	7719	4809	119	2781	5991	3532	89	2366	-72	161	329	385	12.23%	
RICHMOND	200549	111991	8207	76236	151244	78601	5630	63232	774	10663	5077	10870	16.05%	Augusta-Richmond C
ROCKDALE	85215	40736	8063	34826	62301	27292	5017	28709	15104	27644	11478	18911	225.64%	**Atlanta-Sandy Sprin**
SCHLEY	5010	1180	161	3612	3507	810	82	2579	1244	-14	844	33	4.25%	Americus,
SCREVEN	14593	6424	180	7898	10903	4470	106	6241	-781	-571	-180	-210	-4.49%	
SEMINOLE	8729	2960	204	5516	6725	2066	124	4489	-640	-303	-194	4	0.19%	
SPALDING	64073	21628	2451	38986	47862	14759	1612	30775	5656	3287	5377	2792	23.33%	**Atlanta-Sandy Sprin**
STEPHENS	26175	3140	633	22006	20223	2153	363	17423	740	-8	755	-12	-0.55%	Toccoa,
STEWART	6058	2898	1454	1655	5109	2204	1438	1421	806	-363	1164	-132	-5.65%	Columbus, -AL
SUMTER	32819	17200	1717	13413	24518	11874	1098	11129	-381	841	550	1118	10.39%	Americus,
TALBOT	6865	4109	91	2639	5401	3081	66	2228	367	72	473	139	4.72%	Columbus, -AL
TALIAFERRO	1717	1043	35	625	1394	831	20	533	-360	-218	-183	-82	-8.98%	
TATTNALL	25520	7626	2502	15196	20114	6234	1598	12120	3215	542	2917	724	13.14%	

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
TAYLOR	8906	3548	164	5123	6728	2615	112	3944	91	-230	282	66	2.59%	
TELFAIR	16500	6134	2026	8429	13184	4730	1838	6720	4706	1566	4043	1319	38.67%	
TERRELL	9315	5764	157	3366	7011	4033	105	2854	-1655	-929	-845	-361	-8.22%	Albany,
THOMAS	44720	16739	1275	26081	33583	11915	793	20401	1983	-6	2447	673	5.99%	Thomasville,
TIFT	40118	11875	4037	23555	29758	8160	2376	18742	1711	995	1810	1146	16.34%	Tifton,
TOOMBS	27223	6949	3055	16887	19608	4484	1779	13099	1156	591	984	465	11.57%	Vidalia,
TOWNS	10471	53	206	10102	8830	43	149	8559	1152	36	1028	27	168.75%	
TREUTLEN	6885	2281	103	4466	5172	1583	70	3499	31	-2	99	22	1.41%	Dublin,
TROUP	67044	22972	2170	40408	49242	15769	1359	31106	8265	4053	6836	3280	26.26%	LaGrange, -AL
TURNER	8930	3745	282	4820	6727	2612	175	3879	-574	-160	20	156	6.35%	
TWIGGS	9023	3785	124	5059	7167	2898	89	4130	-1567	-863	-564	-306	-9.55%	Macon-Bibb County,
UNION	21356	116	519	20345	17563	81	347	16853	4067	5	3733	-10	-10.99%	
UPSON	27153	7752	588	18522	20736	5575	375	14562	-444	-5	171	192	3.57%	Thomaston,
WALKER	68756	3296	1113	63343	52500	2215	673	48872	7703	838	6563	523	30.91%	Chattanoo, TN-
WALTON	83768	13718	2683	65677	61180	9097	1619	49336	23081	4821	17716	3338	57.96%	**Atlanta-Sandy Sprin**
WARE	36312	11010	1207	23583	27755	7849	764	18749	829	978	1076	927	13.39%	Waycross,
WARREN	5834	3624	54	2133	4461	2589	36	1815	-502	-159	-205	19	0.74%	
WASHINGTON	21187	11323	407	9339	16141	8286	299	7477	11	-2	669	483	6.19%	
WAYNE	30099	6298	1719	21749	22638	4543	1181	16655	3534	817	2964	679	17.57%	Jesup,
WEBSTER	2799	1201	98	1492	2089	861	49	1173	409	76	302	45	5.51%	
WHEELER	7421	2647	356	4405	6022	2219	253	3548	1242	578	1226	639	40.44%	
WHITE	27144	568	647	25453	20944	380	370	19852	7200	101	5622	36	10.47%	
WHITFIELD	102599	4519	32471	63818	73316	3063	18717	50242	19074	1015	12625	718	30.62%	Dalton,
WILCOX	9255	3305	338	5544	7468	2694	261	4470	678	183	844	358	15.33%	
WILKES	10593	4640	361	5495	8237	3457	218	4505	-94	-2	111	41	1.20%	
WILKINSON	9563	3720	214	5529	7239	2693	137	4340	-657	-477	-198	-146	-5.14%	
WORTH	21679	6091	335	15044	16336	4249	217	11699	-288	-441	653	120	2.91%	Albany,
Total	**9687653**	**3054098**	**853689**	**5413920**	**7196101**	**2140789**	**539002**	**4242514**	**1501200**	**660673**	**1178882**	**517311**	**24.16%**	

EXHIBIT G-4

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
APPLING	17419	3450	792	13053	12690	2259	513	9826	1675	182	1530	299	15.26%	
ATKINSON	7609	1506	1290	4760	5301	1025	750	3487	1396	-152	950	-23	-2.19%	Douglas,
BACON	10103	1627	342	8068	7455	996	235	6176	537	147	747	163	19.57%	
BAKER	4074	2062	111	1889	2961	1407	64	1482	459	201	426	204	16.96%	
BALDWIN	44700	19573	607	23920	34979	14341	430	19749	5170	2867	4607	2322	19.32%	Milledgeville,
BANKS	14422	477	493	13256	10646	340	309	9856	4114	113	3075	82	31.78%	
BARROW	46144	4675	1460	38543	33019	3115	961	28072	16423	1321	11612	873	38.94%	**Atlanta-Sandy Sprin**
BARTOW	76019	6829	2524	65644	54820	4541	1631	47917	20108	1803	14285	1042	29.78%	**Atlanta-Sandy Sprin**
BEN HILL	17484	5754	800	10818	12675	3742	565	8287	1239	666	1412	663	21.53%	Fitzgerald,
BERRIEN	16235	1882	384	13761	11811	1198	220	10252	2082	234	1567	189	18.73%	
BIBB	153887	73402	2023	76262	113007	48994	1392	60951	3920	10876	2903	7252	17.37%	Macon-Bibb County,
BLECKLEY	11666	2891	107	8505	8565	1878	76	6503	1236	559	884	382	25.53%	
BRANTLEY	14629	612	152	13712	10484	396	96	9879	3552	16	2772	17	4.49%	Brunswick,
BROOKS	16450	6529	505	9303	12025	4267	360	7329	1052	139	1219	345	8.80%	Valdosta,
BRYAN	23417	3431	465	19138	16128	2201	284	13367	7979	1138	5694	755	52.21%	Savannah,
BULLOCH	55983	16271	1052	37998	43503	11800	816	30318	12858	5045	10215	4275	56.81%	Statesboro,
BURKE	22243	11421	316	10336	15289	7227	196	7735	1664	665	1539	675	10.30%	Augusta-Richmond C
BUTTS	19522	5705	277	13366	14823	4194	196	10298	4196	267	3444	308	7.93%	**Atlanta-Sandy Sprin**
CALHOUN	6320	3845	189	2368	4925	2908	155	1939	1307	892	1368	968	49.90%	
CAMDEN	43664	9077	1585	31975	29832	5655	975	22486	13497	2998	8815	1592	39.18%	St. Marys,
CANDLER	9577	2623	882	6028	7009	1796	594	4592	1833	218	1369	233	14.91%	
CARROLL	87268	14647	2243	69258	64638	9952	1625	52256	15846	3416	12357	2350	30.91%	**Atlanta-Sandy Sprin**
CATOOSA	53282	767	621	51013	39526	455	392	38065	10818	410	8085	197	76.36%	Chattanoo, TN-
CHARLTON	10282	3057	81	7014	7456	2157	48	5154	1786	702	1601	675	45.55%	
CHATHAM	232048	95242	5403	125802	173965	64328	3822	101588	15113	12634	14316	9112	16.50%	Savannah,
CHATTAHOOCHEE	14882	4701	1551	8181	10656	3068	1042	6209	-2052	-534	-1548	-502	-14.06%	Columbus, -AL
CHATTOOGA	25470	2960	537	21776	19636	2339	396	16774	3228	1019	3088	1002	74.94%	Summerville,
CHEROKEE	141903	3851	7695	127618	101793	2482	5281	92111	51699	2158	36932	1277	105.98%	**Atlanta-Sandy Sprin**
CLARKE	101489	28165	6436	62895	83381	19433	4529	56121	13895	5230	13339	4138	27.05%	Athens-Clarke Count
CLAY	3357	2044	32	1282	2493	1377	17	1096	-7	0	112	46	3.46%	
CLAYTON	236517	124550	17728	82637	165596	79831	11823	65444	54465	81147	34399	51042	177.30%	**Atlanta-Sandy Sprin**
CLINCH	6878	2057	54	4713	4962	1355	32	3537	718	375	646	317	30.54%	
COBB	607751	118229	46964	417947	449345	79717	32367	319272	160006	74075	114844	48983	159.38%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
COFFEE	37413	9806	2550	24701	26831	6499	1609	18475	7821	2302	6093	1820	38.90%	Douglas,
COLQUITT	42053	9989	4554	27252	30510	6377	3037	20906	5408	1128	4242	986	18.29%	Moultrie,
COLUMBIA	89288	10375	2313	72438	62858	6886	1463	51640	23257	3093	16971	1741	33.84%	Augusta-Richmond C
COOK	15771	4645	485	10526	11318	2925	307	7987	2315	614	1723	405	16.07%	
COWETA	89215	16286	2797	68867	63573	10644	2072	49992	35362	4092	25071	2676	33.58%	**Atlanta-Sandy Sprin**
CRAWFORD	12495	3019	301	9037	9047	2143	235	6572	3504	262	2597	239	12.55%	Macon-Bibb County,
CRISP	21996	9624	382	11778	15618	5990	274	9193	1985	1471	1602	1072	21.80%	Cordele,
DADE	15154	103	137	14685	11541	86	90	11198	2007	2	1816	8	10.26%	Chattanoo, TN-
DAWSON	15999	73	254	15429	11991	39	180	11598	6570	69	5177	37	1850.00%	**Atlanta-Sandy Sprin**
DECATUR	28240	11353	905	15800	20178	7372	565	12097	2729	1283	2267	996	15.62%	Bainbridge,
DEKALB	665865	368516	52542	214685	501887	253585	39251	185270	120028	138091	85603	96167	61.09%	**Atlanta-Sandy Sprin**
DODGE	19171	5670	248	13142	14192	3822	162	10126	1564	806	1145	485	14.53%	
DOOLY	11525	5743	537	5161	8577	4032	339	4135	1624	891	1666	1013	33.55%	
DOUGHERTY	96065	58154	1292	35794	69489	38854	874	29091	-246	9767	2495	8532	28.14%	Albany,
DOUGLAS	92174	17653	2640	69965	66739	11530	1679	52179	21054	12056	15768	7868	214.86%	**Atlanta-Sandy Sprin**
EARLY	12354	5996	152	6159	8813	3805	86	4877	500	770	523	591	18.39%	
ECHOLS	3754	261	739	2688	2654	169	501	1936	1420	-3	1017	18	11.92%	Valdosta,
EFFINGHAM	37535	4985	531	31493	26301	3197	324	22422	11848	1365	8589	894	38.82%	Savannah,
ELBERT	20511	6360	489	13505	15209	4324	372	10407	1562	642	1348	531	14.00%	
EMANUEL	21837	7318	745	13663	15762	4662	562	10451	1291	637	1461	683	17.17%	
EVANS	10495	3477	625	6333	7611	2294	435	4837	1771	514	1445	435	23.40%	
FANNIN	19798	32	130	19312	15654	20	88	15314	3806	27	3369	16	400.00%	
FAYETTE	91263	10832	2582	74820	64709	7086	1702	53926	28848	7452	20521	4849	216.76%	**Atlanta-Sandy Sprin**
FLOYD	90565	12345	4983	71674	68329	8333	3288	55597	9314	1239	6547	926	12.50%	Rome,
FORSYTH	98407	770	5477	90820	70941	533	3787	65662	54324	756	38231	519	3707.14%	**Atlanta-Sandy Sprin**
FRANKLIN	20285	1837	187	18064	15431	1273	132	13880	3635	156	2734	156	13.97%	
FULTON	816006	369014	48056	369997	616716	261196	35704	297707	167055	45006	124950	35953	15.96%	**Atlanta-Sandy Sprin**
GILMER	23456	76	1815	21287	17753	43	1200	16301	10088	39	7749	9	26.47%	
GLASCOCK	2556	218	12	2309	1947	163	6	1761	199	-80	145	-63	-27.88%	
GLYNN	67568	18147	2019	46566	50460	11922	1380	36533	5072	2206	4207	1562	15.08%	Brunswick,
GORDON	44104	1633	3268	38642	32606	1104	2318	28782	9032	312	7032	214	24.04%	Calhoun,
GRADY	23659	7207	1222	14954	17206	4708	827	11473	3380	812	2653	572	13.83%	
GREENE	14406	6434	420	7481	10792	4284	267	6181	2613	547	2609	626	17.11%	

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
GWINNETT	588448	81804	64137	394164	422455	54593	44167	289400	235538	63629	168259	41685	322.94%	**Atlanta-Sandy Sprin**
HABERSHAM	35902	1708	2750	30486	27471	1378	1707	23711	8281	154	6384	13	0.95%	Cornelia,
HALL	139277	10486	27242	98942	101760	7092	17424	75382	43849	2291	30791	1607	29.30%	inesville,
HANCOCK	10076	7855	54	2141	7651	5697	44	1885	1168	778	1536	1128	24.69%	Milledgeville,
HARALSON	25690	1443	143	23799	18992	966	97	17691	3724	16	2848	7	0.73%	**Atlanta-Sandy Sprin**
HARRIS	23695	4662	260	18444	17630	3344	186	13853	5907	91	4342	82	2.51%	Columbus, -AL
HART	22997	4517	196	18087	17595	3121	137	14205	3285	515	2774	529	20.41%	
HEARD	11012	1221	116	9580	7848	856	65	6856	2384	58	1669	92	12.04%	**Atlanta-Sandy Sprin**
HENRY	119341	17976	2692	95550	84480	11865	1690	68770	60600	11908	41955	7570	176.25%	**Atlanta-Sandy Sprin**
HOUSTON	110765	28046	3363	76391	79549	18390	2252	56784	21557	8670	15523	6073	49.31%	Warner Robins,
IRWIN	9931	2585	202	7102	7071	1610	126	5309	1282	-45	904	-14	-0.86%	
JACKSON	41589	3356	1249	36314	30518	2423	793	26894	11584	452	8464	372	18.14%	Jefferson,
JASPER	11426	3145	236	7964	8317	2153	153	5959	2973	205	2249	190	9.68%	**Atlanta-Sandy Sprin**
JEFF DAVIS	12684	1932	651	9992	9230	1302	436	7407	652	98	575	89	7.34%	
JEFFERSON	17266	9756	259	7215	12363	6553	185	5607	-142	56	203	293	4.68%	
JENKINS	8575	3496	287	4766	6132	2280	203	3634	328	84	320	126	5.85%	
JOHNSON	8560	3168	78	5307	5981	1891	54	4034	231	329	91	167	9.69%	Dublin,
JONES	23639	5569	169	17649	17228	4052	102	12888	2900	252	2277	344	9.28%	Macon-Bibb County,
LAMAR	15912	4895	172	10683	12013	3496	128	8274	2874	453	2419	468	15.46%	**Atlanta-Sandy Sprin**
LANIER	7241	1878	126	5122	5258	1288	80	3811	1710	408	1343	341	36.01%	Valdosta,
LAURENS	44874	15619	529	28199	32829	10443	334	21689	4886	2315	4099	1883	22.00%	Dublin,
LEE	24757	3889	300	20203	17168	2722	178	14023	8507	754	6134	547	25.15%	Albany,
LIBERTY	61610	27467	5022	27244	41916	17267	3181	20050	8865	6812	5214	3843	28.63%	Hinesville,
LINCOLN	8348	2883	81	5321	6311	2061	54	4149	906	57	857	147	7.68%	Augusta-Richmond C
LONG	10304	2576	870	6678	6893	1560	541	4687	4102	1234	2571	699	81.18%	Hinesville,
LOWNDES	92115	31767	2447	55992	67981	21440	1655	43485	16134	7526	13241	5744	36.60%	Valdosta,
LUMPKIN	21016	343	728	19381	15914	244	447	14812	6443	105	4889	68	38.64%	
MACON	14074	8419	364	5184	10187	5857	233	4011	960	725	1215	900	18.16%	
MADISON	25730	2216	507	22713	18966	1513	307	16936	4680	367	3532	233	18.20%	Athens-Clarke Count
MARION	7144	2465	413	4182	5119	1636	294	3128	1554	159	1127	93	6.03%	
MCDUFFIE	21231	8045	284	12795	15315	5314	167	9717	1112	725	1107	610	12.97%	Augusta-Richmond C
MCINTOSH	10847	4042	99	6607	7805	2664	55	5007	5257	1736	3813	1121	72.65%	Brunswick,
MERIWETHER	22534	9560	191	12579	16536	6503	134	9747	123	-429	665	57	0.88%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
MILLER	6383	1848	44	4456	4705	1188	26	3465	103	122	155	96	8.79%	
MITCHELL	23932	11524	491	11746	17392	7827	294	9137	3657	1877	3545	1929	32.71%	
MONROE	21757	6127	281	15150	16044	4423	188	11288	4644	721	3557	574	14.91%	Macon-Bibb County,
MONTGOMERY	8270	2262	271	5684	6199	1669	162	4325	1107	236	898	233	16.23%	Vidalia,
MORGAN	15457	4481	248	10619	11351	3114	159	7996	2574	22	2030	17	0.55%	**Atlanta-Sandy Sprin**
MURRAY	36506	304	2006	33890	26302	169	1223	24692	10359	263	7573	145	604.17%	Dalton,
MUSCOGEE	186291	83157	8372	90668	136289	55832	5772	71510	7013	14996	5452	10698	23.70%	Columbus, -AL
NEWTON	62001	14008	1157	46007	44844	9228	741	34274	20193	4651	14712	2995	48.05%	**Atlanta-Sandy Sprin**
OCONEE	26225	1731	833	23112	18294	1164	520	16259	8607	416	5734	301	34.88%	Athens-Clarke Count
OGLETHORPE	12635	2548	174	9817	9377	1790	115	7401	2872	129	2167	153	9.35%	Athens-Clarke Count
PAULDING	81678	5952	1398	73188	56599	3739	845	51262	40067	4304	27099	2640	240.22%	**Atlanta-Sandy Sprin**
PEACH	23668	10816	998	11654	17505	7886	663	8812	2479	741	2081	809	11.43%	Warner Robins,
PICKENS	22983	308	467	21897	17570	211	313	16827	8551	61	6754	32	17.88%	**Atlanta-Sandy Sprin**
PIERCE	15636	1746	357	13425	11467	1165	231	10009	2308	177	1892	135	13.11%	Waycross,
PIKE	13688	2056	167	11350	9909	1510	99	8229	3464	3	2479	61	4.21%	**Atlanta-Sandy Sprin**
POLK	38127	5209	2921	29684	28190	3523	1862	22577	4312	418	3315	323	10.09%	Cedartown,
PULASKI	9588	3313	270	5932	7372	2433	174	4713	1480	681	1448	713	41.45%	
PUTNAM	18812	5703	407	12471	14444	3855	282	10163	4675	955	3945	699	22.15%	
QUITMAN	2598	1227	13	1351	1975	815	8	1142	389	120	336	83	11.34%	Eufaula, AL-
RABUN	15050	146	683	14023	11764	78	456	11086	3402	105	2674	40	105.26%	
RANDOLPH	7791	4648	92	3016	5662	3147	58	2427	-232	3	-4	185	6.25%	
RICHMOND	199775	101328	5545	88660	146167	67731	3794	71158	10056	21689	7921	15059	28.59%	Augusta-Richmond C
ROCKDALE	70111	13092	4182	50967	50823	8381	2961	38183	16020	8737	12059	5524	193.35%	**Atlanta-Sandy Sprin**
SCHLEY	3766	1194	89	2462	2663	777	52	1825	178	-28	91	-35	-4.31%	Americus,
SCREVEN	15374	6995	147	8182	11083	4680	94	6268	1532	786	1294	732	18.54%	
SEMINOLE	9369	3263	347	5734	6919	2062	225	4598	359	320	274	226	12.31%	
SPALDING	58417	18341	947	38435	42485	11967	632	29386	3960	2556	3338	1839	18.16%	**Atlanta-Sandy Sprin**
STEPHENS	25435	3148	250	21673	19468	2165	165	16880	2178	361	1819	244	12.70%	Toccoa,
STEWART	5252	3261	79	1926	3945	2336	45	1567	-402	-317	-164	-146	-5.88%	Columbus, -AL
SUMTER	33200	16359	891	15672	23968	10756	600	12389	2972	2314	2575	1879	21.17%	Americus,
TALBOT	6498	4037	82	2354	4928	2942	62	1909	-26	-30	171	134	4.77%	Columbus, -AL
TALIAFERRO	2077	1261	19	787	1577	913	13	649	162	94	192	114	14.27%	
TATTNALL	22305	7084	1883	13218	17197	5510	1219	10380	4583	1907	3758	1723	45.50%	

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bl	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
TAYLOR	8815	3778	163	4847	6446	2549	125	3746	1173	478	940	375	17.25%	
TELFAIR	11794	4568	215	6993	9141	3411	170	5542	794	795	1186	936	37.82%	
TERRELL	10970	6693	136	4101	7856	4394	88	3341	317	316	367	359	8.90%	Albany,
THOMAS	42737	16745	734	24875	31136	11242	471	19129	3751	1986	3309	1684	17.62%	Thomasville,
TIFT	38407	10880	2944	24092	27948	7014	1923	18625	3409	1509	3008	1245	21.58%	Tifton,
TOOMBS	26067	6358	2310	17226	18624	4019	1406	13069	1995	721	1648	530	15.19%	Vidalia,
TOWNS	9319	17	67	9159	7802	16	57	7673	2565	17	2224	16	#DIV/0!	
TREUTLEN	6854	2283	79	4463	5073	1561	58	3433	860	299	782	283	22.14%	Dublin,
TROUP	58779	18919	1004	38261	42406	12489	695	28827	3243	2225	2376	1564	14.32%	LaGrange, -AL
TURNER	9504	3905	244	5315	6707	2456	180	4040	801	371	724	445	22.13%	
TWIGGS	10590	4648	112	5784	7731	3204	83	4407	784	147	922	284	9.73%	Macon-Bibb County,
UNION	17289	111	153	16837	13830	91	125	13474	5296	92	4510	76	506.67%	
UPSON	27597	7757	327	19271	20565	5383	222	14788	1297	485	944	357	7.10%	Thomaston,
WALKER	61053	2458	565	57336	45937	1692	364	43356	2713	212	2620	31	1.87%	Chattanoo, TN-
WALTON	60687	8897	1163	49731	43464	5759	775	36362	22101	1792	15610	1032	21.83%	**Atlanta-Sandy Sprin**
WARE	35483	10032	688	24434	26679	6922	445	19098	12	794	708	821	13.46%	Waycross,
WARREN	6336	3783	51	2483	4666	2570	27	2050	258	127	305	197	8.30%	
WASHINGTON	21176	11325	134	9620	15472	7803	86	7511	2064	1451	1993	1288	19.77%	
WAYNE	26565	5481	1013	19838	19674	3864	720	14922	4209	1123	3813	1154	42.58%	Jesup,
WEBSTER	2390	1125	66	1186	1787	816	43	916	127	-7	149	29	3.68%	
WHEELER	6179	2069	219	3866	4796	1580	150	3046	1276	595	1301	655	70.81%	
WHITE	19944	467	311	18804	15322	344	209	14516	6938	107	5307	87	33.85%	
WHITFIELD	83525	3504	18419	60338	60691	2345	11396	46058	11063	603	7164	330	16.38%	Dalton,
WILCOX	8577	3122	139	5299	6624	2336	92	4178	1569	897	1602	942	67.58%	
WILKES	10687	4642	212	5758	8126	3416	164	4495	90	-267	337	30	0.89%	
WILKINSON	10220	4197	101	5893	7437	2839	74	4501	-8	-105	218	87	3.16%	
WORTH	21967	6532	240	14999	15683	4129	140	11267	2222	481	1928	420	11.32%	Albany,
Total	**8186453**	**2393425**	**435227**	**5128661**	**6017219**	**1623478**	**299258**	**3925585**	**1711281**	**648273**	**1268525**	**456307**		

EXHIBIT H

Georgia Senate
Benchmark_2014
Region A
Region B
0 7.5 15
Miles
District by BVAP
20.6%
046 16.9%
025 28.5%
042 24.3%
055 70.0%
043 68.7%
017 41.7%
010 75.0%
038 64.0%
035 1.4%
034 68.3%
016 22.0%
018 30.8%
015 56.7%
026 60.1%
023 35.6%
020 30.5%
004 23.8%
WILKES
LINCOLN
OGLETHORPE
TALIAFERRO
WARREN
MCDUFFIE
GREENE
MORGAN
HANCOCK
GLASCOCK
JEFFERSON
WASHINGTON
JOHNSON
EMANUEL
JENKINS
SCREVEN
BULLOCH
BRYAN
LIBERTY
LONG
EVANS
TATTNALL
TOOMBS
CANDLER
TREUTLEN
WHEELER
TELFAIR
LAURENS
DODGE
WILCOX
PULASKI
HOUSTON
DOOLY
CRISP
SUMTER
WEBSTER
MACON
SCHLEY
MARION
TAYLOR
TALBOT
CRAWFORD
PEACH
TWIGGS
WILKINSON
BIBB
JONES
BALDWIN
PUTNAM
JASPER
BUTTS
SPALDING
PIKE
LAMAR
MONROE
UPSON
HENRY
FAYETTE
DEKALB
NEWTON
WALTON
Washington
Madison
Greensboro
Eatonton
Milledgeville
Sandersville
Waynesboro
Sylvania
Millen
Swainsburo
Statesboro
Metter
Vidalia
Soperton
Dublin
Eastman
Hawkinsville
Cochran
Warner Robins
Macon
Perry
Montezuma
Americus
Richland
Cordele
Butler
Thomaston
Manchester
Forsyth
Jackson
Covington
Monroe
McDonough
Peachtree City
East Point
Edgefield
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EXHIBIT I-1

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senate14
Type: Senate

Legislative & Congressional Reapportionment Office
Georgia General Assembly

Map layers
Districts
County
0 20 40 60
Miles

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senate14
Type: Senate

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senato14
Type: Senate

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senate14
Type: Senate

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
001		171,350	-1,644	-0.95%	37,852	22.09%	2,493	40,345	23.55%	10,252	5.98%
	VAP	127,614			26,202	20.53%	878	27,080	21.22%	6,353	4.98%
002		172,067	-927	-0.54%	92,824	53.95%	2,226	95,050	55.24%	9,860	5.73%
	VAP	132,543			66,470	50.15%	1,050	67,520	50.94%	6,981	5.27%
003		171,952	-1,042	-0.60%	39,606	23.03%	1,755	41,361	24.05%	8,534	4.96%
	VAP	129,192			28,065	21.72%	585	28,650	22.18%	5,463	4.23%
004		173,075	81	0.05%	41,571	24.02%	1,245	42,816	24.74%	8,958	5.18%
	VAP	131,149			30,454	23.22%	468	30,922	23.58%	5,691	4.34%
005		172,513	-481	-0.28%	49,881	28.91%	2,901	52,782	30.60%	71,815	41.63%
	VAP	119,904			33,732	28.13%	1,292	35,024	29.21%	45,746	38.15%
006		173,708	714	0.41%	39,863	22.95%	2,400	42,263	24.33%	24,754	14.25%
	VAP	137,161			30,590	22.30%	1,349	31,939	23.29%	16,160	11.78%
007		171,498	-1,496	-0.86%	39,294	22.91%	1,115	40,409	23.56%	11,685	6.81%
	VAP	128,245			28,401	22.15%	309	28,710	22.39%	6,972	5.44%
008		171,383	-1,611	-0.93%	56,380	32.90%	1,515	57,895	33.78%	9,198	5.37%
	VAP	128,253			40,080	31.25%	592	40,672	31.71%	5,852	4.56%
009		173,867	873	0.50%	34,699	19.96%	2,110	36,809	21.17%	18,207	10.47%
	VAP	125,254			22,663	18.09%	832	23,495	18.76%	11,604	9.26%
010		172,386	-608	-0.35%	118,775	68.90%	2,614	121,389	70.42%	7,140	4.14%
	VAP	125,304			84,709	67.60%	1,289	85,998	68.63%	4,386	3.50%
011		172,584	-410	-0.24%	57,123	33.10%	959	58,082	33.65%	13,703	7.94%
	VAP	127,856			39,947	31.24%	352	40,299	31.52%	8,305	6.50%
012		173,031	37	0.02%	107,565	62.17%	1,262	108,827	62.89%	6,147	3.55%
	VAP	130,495			76,605	58.70%	556	77,161	59.13%	4,550	3.49%
013		171,539	-1,455	-0.84%	55,521	32.37%	951	56,472	32.92%	8,156	4.75%
	VAP	128,351			39,341	30.65%	314	39,655	30.90%	5,009	3.90%
014		173,151	157	0.09%	15,505	8.95%	1,636	17,141	9.90%	18,976	10.96%
	VAP	126,557			10,603	8.38%	465	11,068	8.75%	11,707	9.25%
015		173,280	286	0.17%	96,128	55.48%	2,958	99,086	57.18%	10,633	6.14%
	VAP	128,462			69,203	53.87%	1,220	70,423	54.82%	6,935	5.40%

DATA SOURCE: 2010 US Census PL94-171 Population Cou

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
016		172,012	-982	-0.57%	35,797	20.81%	1,478	37,275	21.67%	7,128	4.14%
	VAP	127,450			25,465	19.98%	519	25,984	20.39%	4,552	3.57%
017		171,822	-1,172	-0.68%	51,053	29.71%	2,106	53,159	30.94%	7,980	4.64%
	VAP	121,373			33,663	27.74%	747	34,410	28.35%	4,852	4.00%
018		172,982	-12	-0.01%	48,323	27.94%	1,242	49,565	28.65%	6,126	3.54%
	VAP	132,567			35,668	26.91%	447	36,115	27.24%	3,906	2.95%
019		173,261	267	0.15%	45,980	26.54%	1,751	47,731	27.55%	15,524	8.96%
	VAP	128,915			33,460	25.96%	529	33,989	26.37%	10,084	7.82%
020		173,859	865	0.50%	50,174	28.86%	1,700	51,874	29.84%	7,596	4.37%
	VAP	128,979			35,317	27.38%	567	35,884	27.82%	4,759	3.69%
021		174,508	1,514	0.88%	11,300	6.48%	1,358	12,658	7.25%	11,742	6.73%
	VAP	125,212			7,721	6.17%	489	8,210	6.56%	7,457	5.96%
022		171,645	-1,349	-0.78%	101,076	58.89%	2,998	104,074	60.63%	7,217	4.20%
	VAP	129,039			71,660	55.53%	1,337	72,997	56.57%	4,982	3.86%
023		171,559	-1,435	-0.83%	62,136	36.22%	1,544	63,680	37.12%	5,511	3.21%
	VAP	128,048			43,718	34.14%	496	44,214	34.53%	3,559	2.78%
024		172,595	-399	-0.23%	33,638	19.49%	1,599	35,237	20.42%	6,943	4.02%
	VAP	129,147			24,539	19.00%	470	25,009	19.36%	4,236	3.28%
025		174,016	1,022	0.59%	52,329	30.07%	1,171	53,500	30.74%	5,684	3.27%
	VAP	134,483			38,282	28.47%	378	38,660	28.75%	3,698	2.75%
026		171,351	-1,643	-0.95%	103,229	60.24%	1,561	104,790	61.16%	5,003	2.92%
	VAP	126,588			72,782	57.50%	626	73,408	57.99%	3,298	2.61%
027		172,726	-268	-0.15%	4,490	2.60%	778	5,268	3.05%	16,179	9.37%
	VAP	120,121			2,998	2.50%	277	3,275	2.73%	10,177	8.47%
028		172,358	-636	-0.37%	28,697	16.65%	1,436	30,133	17.48%	9,562	5.55%
	VAP	126,140			20,138	15.96%	414	20,552	16.29%	6,218	4.93%
029		173,911	917	0.53%	45,511	26.17%	1,733	47,244	27.17%	7,317	4.21%
	VAP	131,011			32,576	24.87%	552	33,128	25.29%	4,795	3.66%
030		172,531	-463	-0.27%	33,612	19.48%	2,207	35,819	20.76%	10,302	5.97%
	VAP	125,663			23,275	18.52%	700	23,975	19.08%	6,291	5.01%

DATA SOURCE: 2010 US Census PL94-171 Population Cou

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
031		174,298	1,304	0.75%	23,616	13.55%	1,798	25,414	14.58%	10,762	6.17%
	VAP	124,828			15,799	12.66%	511	16,310	13.07%	6,220	4.98%
032		174,271	1,277	0.74%	14,817	8.50%	1,334	16,151	9.27%	9,811	5.63%
	VAP	130,854			10,791	8.25%	542	11,333	8.66%	6,539	5.00%
033		174,114	1,120	0.65%	62,936	36.15%	3,058	65,994	37.90%	33,571	19.28%
	VAP	128,718			43,422	33.73%	1,379	44,801	34.81%	20,775	16.14%
034		173,063	69	0.04%	108,169	62.50%	2,853	111,022	64.15%	24,642	14.24%
	VAP	123,516			75,265	60.94%	1,375	76,640	62.05%	15,146	12.26%
035		173,728	734	0.42%	107,338	61.79%	3,013	110,351	63.52%	13,774	7.93%
	VAP	122,650			72,472	59.09%	1,309	73,781	60.16%	8,213	6.70%
036		172,083	-911	-0.53%	103,348	60.06%	2,338	105,686	61.42%	12,232	7.11%
	VAP	137,631			78,481	57.02%	1,630	80,111	58.21%	8,800	6.39%
037		172,832	-162	-0.09%	30,548	17.67%	1,919	32,467	18.79%	13,258	7.67%
	VAP	126,053			20,606	16.35%	802	21,408	16.98%	8,429	6.69%
038		174,530	1,536	0.89%	110,537	63.33%	2,421	112,958	64.72%	17,411	9.98%
	VAP	129,186			80,556	62.36%	1,289	81,845	63.35%	10,835	8.39%
039		173,809	815	0.47%	110,761	63.73%	2,303	113,064	65.05%	9,651	5.55%
	VAP	139,465			83,562	59.92%	1,557	85,119	61.03%	6,962	4.99%
040		173,539	545	0.32%	26,747	15.41%	1,754	28,501	16.42%	36,807	21.21%
	VAP	133,946			20,482	15.29%	1,010	21,492	16.05%	25,354	18.93%
041		173,452	458	0.26%	90,037	51.91%	2,732	92,769	53.48%	23,281	13.42%
	VAP	127,577			64,136	50.27%	1,444	65,580	51.40%	14,850	11.64%
042		172,447	-547	-0.32%	42,913	24.88%	1,779	44,692	25.92%	24,229	14.05%
	VAP	138,757			33,570	24.19%	1,094	34,664	24.98%	16,922	12.20%
043		172,105	-889	-0.51%	105,035	61.03%	2,631	107,666	62.56%	12,251	7.12%
	VAP	123,175			71,792	58.28%	1,213	73,005	59.27%	7,461	6.06%
044		174,464	1,470	0.85%	122,966	70.48%	2,787	125,753	72.08%	14,561	8.35%
	VAP	127,853			87,966	68.80%	1,378	89,344	69.88%	9,051	7.08%
045		173,558	564	0.33%	24,226	13.96%	1,927	26,153	15.07%	22,225	12.81%
	VAP	120,526			15,902	13.19%	691	16,593	13.77%	13,760	11.42%

DATA SOURCE: 2010 US Census PL94-171 Population Cou

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
046		174,230	1,236	0.71%	30,244	17.36%	1,313	31,557	18.11%	8,606	4.94%
	VAP	135,912			21,845	16.07%	563	22,408	16.49%	5,673	4.17%
047		174,417	1,423	0.82%	25,803	14.79%	1,534	27,337	15.67%	16,455	9.43%
	VAP	129,264			18,117	14.02%	489	18,606	14.39%	9,911	7.67%
048		171,240	-1,754	-1.01%	25,398	14.83%	1,929	27,327	15.96%	21,232	12.40%
	VAP	122,833			17,133	13.95%	794	17,927	14.59%	13,645	11.11%
049		173,823	829	0.48%	12,877	7.41%	1,070	13,947	8.02%	44,504	25.60%
	VAP	125,571			9,143	7.28%	322	9,465	7.54%	25,911	20.63%
050		171,792	-1,202	-0.69%	9,219	5.37%	1,099	10,318	6.01%	13,621	7.93%
	VAP	131,117			6,960	5.31%	256	7,216	5.50%	7,940	6.06%
051		173,593	599	0.35%	1,471	0.85%	498	1,969	1.13%	7,454	4.29%
	VAP	136,858			1,128	0.82%	148	1,276	0.93%	4,570	3.34%
052		172,494	-500	-0.29%	19,604	11.37%	1,418	21,022	12.19%	18,234	10.57%
	VAP	128,253			13,936	10.87%	368	14,304	11.15%	10,849	8.46%
053		173,151	157	0.09%	7,102	4.10%	1,091	8,193	4.73%	3,905	2.26%
	VAP	132,044			5,563	4.21%	239	5,802	4.39%	2,345	1.78%
054		173,417	423	0.24%	4,520	2.61%	968	5,488	3.16%	38,990	22.48%
	VAP	125,379			3,377	2.69%	250	3,627	2.89%	22,395	17.86%
055		174,196	1,202	0.69%	114,253	65.59%	3,254	117,507	67.46%	11,564	6.64%
	VAP	123,203			78,012	63.32%	1,571	79,583	64.60%	6,951	5.64%
056		174,487	1,493	0.86%	26,018	14.91%	2,040	28,058	16.08%	22,826	13.08%
	VAP	129,856			19,127	14.73%	996	20,123	15.50%	14,917	11.49%

Total Population: 9,687,653

Ideal Value: 172,994

Summary Statistics

Population Range: 171,240 to 174,530

Absolute Overall Range: 3,290

Relative Range: -1.01% to 0.89%

Relative Overall Range: 1.90%

EXHIBIT I-2

Proposed Georgia Senate Districts

Client: S028
Plan: senprop1
Type: Senate

Legislative & Congressional Reapportionment Office
Georgia General Assembly

Map layers
Districts
County
0 20 40 60
Miles

EXHIBIT I-3

Georgia Senate Districts 2006

Client: State
Plan: Senate06
Type: Senate

EXHIBIT J-1

Population Summary Report

Georgia State Senate --2014 Benchmark Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*
001	198887	3.97%	152297	35451	23.28%	96772	63.54%	22.69%	5.60%	2.50%	30.79%	68.07%
002	189492	-0.94%	150134	70693	47.09%	60178	40.08%	53.43%	4.30%	1.46%	59.18%	40.00%
003	177449	-7.23%	138541	28640	20.67%	95762	69.12%	22.80%	3.18%	1.40%	27.39%	71.81%
004	193292	1.05%	147437	35090	23.80%	99258	67.32%	24.14%	2.82%	0.76%	27.72%	71.45%
005	196143	2.54%	142732	43538	30.50%	23318	16.34%	39.22%	19.37%	13.57%	72.16%	26.68%
006	210532	10.06%	172356	43196	25.06%	92734	53.80%	25.05%	5.73%	4.64%	35.42%	64.09%
007	171471	-10.36%	130540	30505	23.37%	88112	67.50%	24.31%	3.43%	0.47%	28.21%	71.23%
008	179719	-6.05%	135732	46162	34.01%	77098	56.80%	33.19%	4.02%	1.18%	38.39%	60.73%
009	208385	8.94%	154183	44050	28.57%	70409	45.67%	25.32%	8.13%	8.70%	42.15%	56.96%
010	189350	-1.01%	146159	109589	74.98%	24225	16.57%	73.45%	3.29%	2.66%	79.39%	19.99%
011	176167	-7.90%	134129	43418	32.37%	77682	57.92%	34.09%	3.11%	0.59%	37.78%	61.39%
012	156514	-18.18%	122414	76043	62.12%	39684	32.42%	63.31%	1.39%	0.68%	65.38%	34.05%
013	166659	-12.87%	128573	40500	31.50%	78559	61.10%	32.60%	2.73%	0.91%	36.23%	63.09%
014	201621	5.40%	153905	16759	10.89%	111171	72.23%	10.68%	6.08%	1.75%	18.52%	80.36%
015	167658	-12.35%	127245	72150	56.70%	43673	34.32%	55.52%	5.54%	1.20%	62.26%	36.50%
016	185112	-3.23%	142191	31282	22.00%	96558	67.91%	21.58%	3.25%	1.96%	26.79%	72.18%
017	203628	6.45%	151694	63292	41.72%	74437	49.07%	35.83%	3.75%	1.13%	40.71%	58.47%
018	181317	-5.21%	142464	43919	30.83%	87228	61.23%	30.31%	2.09%	1.11%	33.52%	65.66%
019	171580	-10.30%	130086	35842	27.55%	80326	61.75%	28.65%	4.82%	0.49%	33.95%	65.24%
020	194874	1.88%	146865	44728	30.46%	88596	60.32%	30.31%	3.34%	1.99%	35.64%	63.45%
021	213660	11.70%	161932	12410	7.66%	120173	74.21%	7.30%	4.78%	3.41%	15.49%	83.83%
022	177079	-7.43%	137131	80572	58.76%	44194	32.23%	60.81%	4.00%	1.50%	66.31%	32.82%
023	172283	-9.93%	133828	47670	35.62%	76938	57.49%	34.71%	2.44%	1.16%	38.31%	60.89%
024	201121	5.14%	152283	31388	20.61%	104217	68.44%	20.74%	3.65%	2.67%	27.06%	72.23%
025	184090	-3.76%	146057	41632	28.50%	94913	64.98%	30.11%	2.17%	0.99%	33.27%	66.32%
026	162113	-15.25%	123874	74504	60.14%	42998	34.71%	60.87%	1.71%	0.71%	63.28%	36.27%
027	247844	29.57%	178599	8702	4.87%	119868	67.12%	3.95%	5.33%	7.35%	16.63%	82.62%
028	193759	1.29%	148139	25846	17.45%	106941	72.19%	17.43%	4.00%	1.42%	22.85%	76.32%
029	190152	-0.59%	146692	41511	28.30%	89648	61.11%	28.79%	3.92%	2.16%	34.87%	64.43%
030	185628	-2.96%	140487	32442	23.09%	92957	66.17%	22.57%	3.58%	1.07%	27.23%	71.80%
031	200874	5.01%	148856	26030	17.49%	107611	72.29%	14.69%	4.17%	0.65%	19.51%	79.72%
032	191820	0.28%	146090	15068	10.31%	100623	68.88%	9.43%	4.72%	6.29%	20.45%	78.78%
033	194620	1.74%	149098	57946	38.86%	54199	36.35%	42.38%	9.42%	2.68%	54.48%	44.66%
034	193843	1.34%	143989	98409	68.34%	20582	14.29%	71.98%	5.24%	3.44%	80.65%	18.33%
035	207451	8.45%	155438	110949	71.38%	29749	19.14%	68.38%	4.15%	0.96%	73.49%	25.68%
036	194797	1.84%	160571	86374	53.79%	55677	34.67%	55.27%	3.64%	2.85%	61.76%	37.72%
037	192450	0.61%	149015	32301	21.68%	93201	62.54%	20.68%	5.28%	3.58%	29.54%	69.66%
038	194347	1.60%	149483	95641	63.98%	35249	23.58%	68.29%	4.41%	1.98%	74.69%	24.80%
039	205632	7.50%	170381	98999	58.10%	50264	29.50%	62.02%	2.97%	3.59%	68.58%	30.69%
040	195569	2.24%	151062	27069	17.92%	76038	50.34%	19.37%	6.80%	8.03%	34.21%	65.14%
041	196140	2.54%	146663	72979	49.76%	31519	21.49%	57.22%	6.08%	7.27%	70.57%	28.32%
042	188406	-1.50%	151516	36776	24.27%	82267	54.30%	27.82%	3.82%	5.74%	37.38%	61.71%
043	196565	2.76%	148422	102018	68.74%	33974	22.89%	66.24%	3.75%	1.45%	71.44%	27.81%
044	198371	3.70%	151932	110050	72.43%	22257	14.65%	74.99%	4.65%	3.54%	83.17%	15.89%
045	214703	12.24%	158272	29023	18.34%	80234	50.69%	17.75%	7.78%	10.08%	35.62%	63.70%
046	203757	6.52%	160011	27059	16.91%	113961	71.22%	18.37%	3.08%	2.76%	24.21%	75.11%
047	202081	5.64%	154098	23646	15.34%	105856	68.69%	15.67%	5.12%	2.23%	23.02%	76.30%
048	197406	3.20%	151281	28527	18.86%	57510	38.02%	20.30%	7.68%	20.19%	48.17%	50.90%
049	196756	2.86%	149277	11752	7.87%	96626	64.73%	8.65%	11.42%	2.05%	22.11%	77.08%
050	186077	-2.72%	145138	8642	5.95%	119197	82.13%	6.33%	4.30%	1.03%	11.66%	87.35%
051	193626	1.22%	158512	1962	1.24%	142807	90.09%	1.37%	2.34%	0.49%	4.20%	94.12%
052	179411	-6.21%	137797	16207	11.76%	101967	74.00%	11.79%	4.98%	0.90%	17.67%	81.60%
053	174643	-8.70%	135994	6402	4.71%	120228	88.41%	4.66%	1.45%	0.74%	6.86%	92.13%
054	176410	-7.78%	132248	4100	3.10%	95114	71.92%	3.35%	11.02%	0.79%	15.16%	83.25%
055	199509	4.30%	149542	104737	70.04%	26486	17.71%	72.06%	3.70%	1.73%	77.50%	21.77%
056	189065	-1.16%	146889	23796	16.20%	90510	61.62%	17.68%	5.90%	6.17%	29.75%	69.41%
Total 2020 Pop.	**10,711,908**	**47.75%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**					
Majority Districts					13			15			17	39

CVAP Source:
* 2015-19 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017)

Source for disaggregation: Redistricting Data Hub
https://redistrictingdatahub.org/dataset/georgia-cvap-data-disaggregated-to-the-2020-block-level-2019/

EXHIBIT J-2

Population Summary Report

Georgia State Senate -2011 Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
001	171350	-0.95%	127614	27080	21.2%	89831	70.39%	20.07%	3.90%	2.00%	25.97%
002	172067	-0.54%	132543	67520	50.9%	54497	41.12%	53.36%	2.44%	1.13%	56.93%
003	171952	-0.60%	129192	28650	22.2%	92672	71.73%	22.46%	2.43%	0.74%	25.63%
004	173075	0.05%	131149	30922	23.6%	92265	70.35%	23.57%	1.64%	0.62%	25.83%
005	172323	-0.39%	119823	34545	28.8%	27743	23.15%	37.43%	12.69%	9.70%	59.82%
006	173708	0.41%	137161	31939	23.3%	81413	59.36%	21.15%	3.24%	2.60%	26.99%
007	171777	-0.70%	128025	27351	21.4%	92252	72.06%	22.07%	2.05%	0.06%	24.18%
008	171383	-0.93%	128253	40672	31.7%	79220	61.77%	31.99%	1.87%	0.67%	34.53%
009	173867	0.50%	125254	23495	18.8%	79744	63.67%	15.89%	3.88%	6.64%	26.41%
010	172386	-0.35%	125304	85998	68.6%	31542	25.17%	67.49%	2.23%	2.05%	71.77%
011	172584	-0.24%	127856	40299	31.5%	77812	60.86%	33.06%	1.98%	0.29%	35.33%
012	172926	-0.04%	130407	77155	59.2%	47349	36.31%	59.83%	1.10%	0.36%	61.29%
013	171365	-0.94%	128659	41020	31.9%	80830	62.82%	32.27%	1.88%	0.44%	34.59%
014	173151	0.09%	126557	11068	8.8%	100580	79.47%	8.76%	3.51%	1.03%	13.30%
015	173280	0.17%	128462	70423	54.8%	49110	38.23%	52.78%	3.55%	0.80%	57.13%
016	172012	-0.57%	127450	25984	20.4%	93645	73.48%	19.93%	1.99%	0.92%	22.84%
017	171822	-0.68%	121373	34410	28.4%	79927	65.85%	24.92%	2.66%	1.07%	28.65%
018	172982	-0.01%	132567	36115	27.2%	89587	67.58%	27.40%	1.65%	0.79%	29.84%
019	173261	0.15%	128915	33989	26.4%	83563	64.82%	27.37%	3.49%	0.33%	31.19%
020	173859	0.50%	128979	35884	27.8%	84987	65.89%	27.68%	2.00%	1.32%	31.00%
021	174508	0.88%	125212	8210	6.6%	101929	81.41%	5.89%	3.15%	2.14%	11.18%
022	171645	-0.78%	129039	72997	56.6%	48103	37.28%	55.66%	3.10%	1.26%	60.02%
023	172187	-0.47%	128540	44335	34.5%	78094	60.75%	34.57%	1.03%	0.65%	36.25%
024	171967	-0.59%	128655	24888	19.3%	95312	74.08%	19.50%	2.09%	1.85%	23.44%
025	174016	0.59%	134483	38660	28.8%	89944	66.88%	29.18%	1.35%	0.51%	31.04%
026	171351	-0.95%	126588	73408	58.0%	48667	38.45%	57.89%	1.11%	0.58%	59.58%
027	172726	-0.15%	120121	3275	2.7%	98446	81.96%	2.12%	3.37%	2.78%	8.27%
028	172358	-0.37%	126140	20552	16.3%	96736	76.69%	16.18%	2.45%	0.73%	19.36%
029	173911	0.53%	131011	33128	25.3%	89031	67.96%	26.03%	2.47%	1.41%	29.91%
030	172531	-0.27%	125663	23975	19.1%	93513	74.42%	18.06%	2.19%	0.56%	20.81%
031	174298	0.75%	124828	16310	13.1%	100359	80.40%	11.74%	2.53%	0.61%	14.88%
032	174271	0.74%	130854	11333	8.7%	102432	78.28%	8.75%	2.90%	4.29%	15.94%
033	174114	0.65%	128718	44801	34.8%	59010	45.84%	36.47%	5.14%	1.63%	43.24%
034	173063	0.04%	123516	76640	62.1%	26225	21.23%	64.69%	4.28%	3.71%	72.68%
035	173728	0.42%	122650	73781	60.2%	39009	31.81%	58.56%	2.88%	1.01%	62.45%
036	172083	-0.53%	137631	80111	58.2%	45549	33.10%	58.93%	2.84%	2.36%	64.13%
037	172832	-0.09%	126053	21408	17.0%	90383	71.70%	14.74%	3.86%	3.06%	21.66%
038	174530	0.89%	129186	81845	63.4%	33635	26.04%	68.01%	2.82%	1.36%	72.19%
039	173809	0.47%	139465	85119	61.0%	40407	28.97%	62.14%	2.33%	1.89%	66.36%
040	173539	0.32%	133946	21492	16.1%	74299	55.47%	16.17%	4.92%	6.06%	27.15%
041	173452	0.26%	127577	65580	51.4%	34734	27.23%	55.70%	4.08%	5.28%	65.06%
042	172447	-0.32%	138757	34664	25.0%	76721	55.29%	26.54%	3.61%	3.44%	33.59%
043	172105	-0.51%	123175	73005	59.3%	41279	33.51%	55.95%	2.19%	1.05%	59.19%
044	174464	0.85%	127853	89344	69.9%	24598	19.24%	71.85%	3.07%	2.30%	77.22%
045	173558	0.33%	120526	16593	13.8%	77283	64.12%	13.44%	5.74%	6.32%	25.50%
046	174230	0.71%	135912	22408	16.5%	102352	75.31%	16.77%	1.86%	1.95%	20.58%
047	174417	0.82%	129264	18606	14.4%	96620	74.75%	14.27%	3.16%	1.60%	19.03%
048	171430	-0.90%	122914	18406	15.0%	60176	48.96%	16.51%	4.70%	14.45%	35.66%
049	173823	0.48%	125571	9465	7.5%	87303	69.52%	8.32%	6.14%	1.36%	15.82%
050	171792	-0.69%	131117	7216	5.5%	113429	86.51%	5.27%	1.85%	0.73%	7.85%
051	173593	0.35%	136858	1276	0.9%	128844	94.14%	0.80%	1.41%	0.23%	2.44%
052	172494	-0.29%	128253	14304	11.2%	100866	78.65%	10.80%	2.49%	0.77%	14.06%
053	173151	0.09%	132044	5802	4.4%	121629	92.11%	4.32%	1.21%	0.43%	5.96%
054	173417	0.24%	125379	3627	2.9%	97436	77.71%	3.20%	6.52%	0.47%	10.19%
055	174196	0.69%	123203	79583	64.6%	33740	27.39%	63.88%	2.40%	1.91%	68.19%
056	174,487	0.86%	129,856	20123	15.5%	85,852	66.11%	0.14	3.46%	3.47%	20.93%

CVAP Source:
* 2006-10 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017

EXHIBIT J-3

Population Summary Report -- 2010 Census

Georgia State Senate -2006 Benchmark Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
001	184711	6.77%	138727	28211	20.34%	99045	71.40%	19.04%	3.71%	1.92%	24.67%
002	145784	-15.73%	112658	61726	54.79%	42284	37.53%	57.54%	2.07%	1.03%	60.64%
003	175054	1.19%	131558	28706	21.82%	94902	72.14%	22.04%	2.40%	0.73%	25.17%
004	182797	5.67%	138452	33267	24.03%	97083	70.12%	24.09%	1.57%	0.58%	26.24%
005	165465	-4.35%	116283	33067	28.44%	21463	18.46%	40.07%	13.89%	10.37%	64.33%
006	166643	-3.67%	126854	47911	37.77%	54761	43.17%	39.41%	4.53%	2.56%	46.50%
007	162770	-5.91%	120774	24525	20.31%	87389	72.36%	21.43%	2.19%	0.14%	23.76%
008	165743	-4.19%	124564	44682	35.87%	72509	58.21%	35.97%	1.94%	0.68%	38.59%
009	203621	17.70%	145121	38197	26.32%	75722	52.18%	23.89%	5.40%	6.37%	35.66%
010	173450	0.26%	127296	85751	67.36%	35990	28.27%	66.52%	1.92%	0.92%	69.36%
011	149726	-13.45%	110742	32490	29.34%	69166	62.46%	30.87%	2.01%	0.24%	33.12%
012	141413	-18.26%	106402	64913	61.01%	38212	35.91%	60.86%	1.04%	0.31%	62.21%
013	150866	-12.79%	111625	31860	28.54%	73782	66.10%	28.86%	1.67%	0.45%	30.98%
014	158067	-8.63%	121156	52475	43.31%	61431	50.70%	44.67%	1.42%	0.40%	46.49%
015	133879	-22.61%	98798	54594	55.26%	36113	36.55%	52.77%	4.36%	1.03%	58.16%
016	165379	-4.40%	122416	27345	22.34%	87358	71.36%	22.30%	2.11%	0.96%	25.37%
017	238272	37.73%	169706	48961	28.85%	111309	65.59%	25.89%	2.34%	1.09%	29.32%
018	181223	4.76%	135340	30636	22.64%	95435	70.51%	22.18%	2.17%	1.19%	25.54%
019	161882	-6.42%	118661	32286	27.21%	75769	63.85%	28.34%	3.90%	0.55%	32.79%
020	176026	1.75%	134154	40285	30.03%	87131	64.95%	30.48%	1.52%	0.89%	32.89%
021	171113	-1.09%	125264	8607	6.87%	102102	81.51%	6.68%	3.51%	2.19%	12.38%
022	138542	-19.92%	103278	62421	60.44%	35770	34.63%	59.52%	2.77%	1.07%	63.36%
023	153242	-11.42%	115804	46613	40.25%	62952	54.36%	39.61%	1.57%	0.74%	41.92%
024	182334	5.40%	134569	28263	21.00%	96242	71.52%	21.01%	2.35%	2.09%	25.45%
025	160177	-7.41%	125124	42949	34.33%	77377	61.84%	35.94%	1.21%	0.39%	37.54%
026	135905	-21.44%	99895	59270	59.33%	36366	36.40%	58.03%	1.45%	0.79%	60.27%
027	264822	53.08%	186205	6478	3.48%	154737	83.10%	2.82%	3.59%	2.09%	8.50%
028	191899	10.93%	140568	21340	15.18%	109867	78.16%	15.31%	2.26%	0.67%	18.24%
029	173136	0.08%	130030	33994	26.14%	87586	67.36%	26.29%	2.42%	1.31%	30.02%
030	212492	22.83%	153122	35660	23.29%	106598	69.62%	21.82%	2.75%	0.82%	25.39%
031	204694	18.32%	148103	17314	11.69%	119626	80.77%	10.37%	2.36%	0.55%	13.28%
032	151598	-12.37%	116859	11522	9.86%	88178	75.46%	8.99%	2.88%	3.97%	15.84%
033	158587	-8.33%	116259	42842	36.85%	51012	43.88%	38.30%	5.26%	1.53%	45.09%
034	160881	-7.00%	115085	75542	65.64%	27419	23.82%	65.89%	3.20%	2.29%	71.38%
035	214483	23.98%	152659	110519	72.40%	31056	20.34%	72.82%	2.21%	0.87%	75.90%
036	145158	-16.09%	117776	60646	51.49%	45548	38.67%	51.99%	2.57%	2.41%	56.97%
037	192546	11.30%	140657	23916	17.00%	100422	71.39%	15.00%	3.75%	3.05%	21.80%
038	145163	-16.09%	108443	63546	58.60%	36308	33.48%	61.94%	1.27%	0.83%	64.04%
039	146037	-15.58%	122766	60282	49.10%	48988	39.90%	50.12%	3.27%	2.75%	56.14%
040	153070	-11.52%	119014	15664	13.16%	69656	58.53%	12.70%	4.00%	6.52%	23.22%
041	150651	-12.92%	112808	41216	36.54%	46499	41.22%	38.29%	4.15%	6.40%	48.84%
042	147006	-15.02%	118734	33805	28.47%	64015	53.91%	31.12%	3.20%	3.15%	37.47%
043	177093	2.37%	127999	95437	74.56%	25236	19.72%	73.24%	1.56%	0.83%	75.63%
044	170216	-1.61%	122115	67541	55.31%	29482	24.14%	57.21%	5.31%	5.21%	67.73%
045	256939	48.52%	178613	27938	15.64%	112602	63.04%	14.98%	5.30%	6.28%	26.56%
046	181993	5.20%	141820	27119	19.12%	100341	70.75%	20.14%	2.21%	1.92%	24.27%
047	193917	12.09%	143996	17787	12.35%	114361	79.42%	11.59%	2.34%	1.44%	15.37%
048	198933	14.99%	141413	17034	12.05%	81921	57.93%	13.00%	3.98%	11.47%	28.45%
049	190699	10.23%	137589	10015	7.28%	96620	70.22%	7.91%	6.34%	1.34%	15.59%
050	164656	-4.82%	127509	8870	6.96%	110345	86.54%	7.06%	1.44%	0.59%	9.09%
051	190842	10.32%	149612	1387	0.93%	140803	94.11%	0.76%	1.39%	0.23%	2.38%
052	168885	-2.38%	125503	12854	10.24%	100230	79.86%	10.45%	2.42%	0.85%	13.72%
053	164710	-4.79%	125890	5810	4.62%	115710	91.91%	4.47%	1.11%	0.39%	5.97%
054	173407	0.24%	125160	3705	2.96%	97125	77.60%	3.28%	6.62%	0.53%	10.43%
055	158179	-8.56%	113993	81541	71.53%	22515	19.75%	71.4%	2.27%	2.21%	75.91%
056	160,877	-7.00%	120,580	19454	16.13%	80,045	66.38%	14.04%	3.40%	3.23%	20.67%

CVAP Source:
* 2006-10 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017

EXHIBIT K

Georgia Senate
2021_Plan_
Region A
Region B
0 10 20
Miles
District by BVAP
Edgefield
LINCOLN
WILKES
Washington
OGLETHORPE
19.9%
OCONEE
Monroe
WALTON
GREENE
Greensboro
TALIAFERRO
COLUMBIA
MCDUFFIE
WARREN
GLASCOCK
HANCOCK
JEFFERSON
023
35.5%
Waynesboro
BURKE
JENKINS
Millen
Sylvania
SCREEN
EMANUEL
Swainsboro
Statesboro
BULLOCH
004
23.4%
Metter
CANDLER
EVANS
BRYAN
LIBERTY
LONG
TATTNALL
Vidalia
TOOMBS
TREUTLEN
Soperton
WHEELER
TELFAIR
LAURENS
Dublin
JOHNSON
WASHINGTON
Sandersville
WILKINSON
Milledgeville
BALDWIN
026
57.0%
GWINNETT
055
66.0%
DEKALB
042
30.8%
ROCKDALE
043
64.3%
NEWTON
017
32.0%
Covington
MORGAN
Madison
PUTNAM
Eatonton
JASPER
025
33.5%
JONES
Macon
BIBB
TWIGGS
Warner Robins
BLECKLEY
Cochran
020
31.3%
Hawkinsville
PULASKI
DODGE
Eastman
WILCOX
DOOLY
CRISP
Cordele
HENRY
McDonough
Stockbridge
010
71.5%
Jackson
BUTTS
SPALDING
LAMAR
Barnesville
Forsyth
MONROE
018
30.4%
CRAWFORD
PEACH
Perry
HOUSTON
Montezuma
MACON
Americus
SUMTER
WEBSTER
Richland
SCHLEY
MARION
015
64.0%
TAYLOR
Butler
TALBOT
Manchester
UPSON
Thomaston
PIKE
016
22.7%
FAYETTE
Peachtree City
FULTON
034
69.5%
044
71.3%
036
3%
039
60.7%
038
65.3%
035
71.9%
North Atlanta
COBB
43.0%
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EXHIBIT L

Client: S018
Plan: Senate-prop1-2021
Type: Senate

Proposed Georgia Senate Districts

Legislative and Congressional Reapportionment Office
Georgia General Assembly
Suite 407 Coverdell Legislative Office Bldg

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Map layers
Districts
County
0 20 40
Miles

Proposed Georgia Senate Districts

Client: S018
Plan: Senate-prop1-2021
Type: Senate

Proposed Georgia Senate Districts

Client: S018
Plan: Senate-prop1-2021
Type: Senate

Proposed Georgia Senate Districts

Client: S018
Plan: Senate-prop1-2021
Type: Senate

User: S018
Plan Name: Senate-prop1-2021
Plan Type: Senate

Population Summary

Summary Statistics:

Population Range:	189,320 to 193,163
Ratio Range:	0.02
Absolute Range:	-1,964 to 1,879
Absolute Overall Range:	3,843
Relative Range:	-1.03% to 0.98%
Relative Overall Range:	2.01%
Absolute Mean Deviation:	1,012.61
Relative Mean Deviation:	0.53%
Standard Deviation:	1,154.96

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	191,402	118	0.06%	145,428	75.98%	58.9%	23.66%	8.78%	2.64%	0.25%	0.3%	0.48%	4.99%
002	190,408	-876	-0.46%	150,843	79.22%	36.4%	47.51%	8.36%	3.4%	0.21%	0.15%	0.46%	3.49%
003	191,212	-72	-0.04%	148,915	77.88%	66.23%	20.92%	6.82%	1.22%	0.26%	0.09%	0.42%	4.04%
004	191,098	-186	-0.10%	146,443	76.63%	64.48%	22.6%	6.49%	1.86%	0.23%	0.07%	0.38%	3.9%
005	191,921	637	0.33%	139,394	72.63%	13.35%	26.84%	45.47%	10.98%	0.15%	0.04%	0.64%	2.52%
006	191,401	117	0.06%	155,781	81.39%	56.41%	21.47%	9.18%	7.21%	0.16%	0.03%	1.11%	4.42%
007	189,709	-1,575	-0.82%	147,425	77.71%	35.09%	20.08%	18.57%	21.67%	0.16%	0.04%	0.66%	3.72%
008	192,396	1,112	0.58%	145,144	75.44%	57.39%	30.03%	7.28%	1.21%	0.28%	0.07%	0.35%	3.4%
009	192,915	1,631	0.85%	142,054	73.64%	32.04%	28.46%	21.09%	13.98%	0.18%	0.03%	0.72%	3.48%
010	192,898	1,614	0.84%	147,884	76.66%	17.71%	68.95%	6.03%	3.1%	0.18%	0.03%	0.66%	3.34%
011	189,976	-1,308	-0.68%	144,597	76.11%	55.75%	31.13%	9.36%	0.69%	0.23%	0.03%	0.26%	2.54%
012	190,819	-465	-0.24%	149,154	78.17%	33.83%	58.82%	3.89%	0.86%	0.16%	0.02%	0.21%	2.2%
013	189,326	-1,958	-1.02%	144,141	76.13%	61.25%	27.08%	7.2%	1.2%	0.17%	0.02%	0.26%	2.81%
014	192,533	1,249	0.65%	155,340	80.68%	54.63%	16.79%	13.97%	9.46%	0.13%	0.04%	0.79%	4.19%
015	189,446	-1,838	-0.96%	144,506	76.28%	34.07%	52.31%	7.57%	1.31%	0.23%	0.27%	0.44%	3.79%
016	191,829	545	0.28%	147,133	76.7%	64.19%	22.31%	5.95%	3.04%	0.17%	0.03%	0.51%	3.79%
017	192,510	1,226	0.64%	144,472	75.05%	56.69%	31.21%	6.08%	1.41%	0.16%	0.05%	0.59%	3.81%
018	191,825	541	0.28%	150,196	78.3%	58.41%	30.01%	5.18%	2.42%	0.22%	0.03%	0.4%	3.33%
019	192,316	1,032	0.54%	146,131	75.98%	61.67%	24.76%	9.72%	0.58%	0.17%	0.06%	0.27%	2.77%
020	192,588	1,304	0.68%	147,033	76.35%	59.74%	30.65%	4.21%	1.73%	0.15%	0.05%	0.31%	3.16%
021	192,572	1,288	0.67%	145,120	75.36%	71.13%	6.52%	10.13%	7.38%	0.19%	0.04%	0.53%	4.08%
022	193,163	1,879	0.98%	150,450	77.89%	31.1%	56.58%	5.63%	1.97%	0.24%	0.18%	0.44%	3.86%
023	190,344	-940	-0.49%	144,113	75.71%	54.27%	34.66%	5.46%	1.16%	0.24%	0.1%	0.34%	3.78%
024	192,674	1,390	0.73%	148,602	77.13%	67.45%	18.98%	5.4%	3.31%	0.18%	0.09%	0.43%	4.15%
025	191,161	-123	-0.06%	148,917	77.9%	57.45%	33.4%	4.27%	1.08%	0.16%	0.05%	0.43%	3.16%
026	189,945	-1,339	-0.70%	145,744	76.73%	33.26%	57.37%	4.85%	0.83%	0.21%	0.04%	0.31%	3.14%
027	190,676	-608	-0.32%	139,196	73%	68%	4.31%	11.61%	11.41%	0.18%	0.04%	0.52%	3.94%
028	190,422	-862	-0.45%	144,973	76.13%	67.06%	18.79%	7.4%	1.96%	0.22%	0.04%	0.48%	4.06%
029	189,424	-1,860	-0.97%	145,674	76.9%	60.71%	26.22%	5.34%	3.02%	0.23%	0.1%	0.42%	3.97%

Population Summary

Senate-prop1-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
030	191,475	191	0.10%	145,077	75.77%	66.97%	19.83%	7.27%	0.95%	0.23%	0.03%	0.49%	4.24%
031	192,560	1,276	0.67%	142,251	73.87%	65.2%	19.83%	8.85%	1.07%	0.23%	0.06%	0.58%	4.19%
032	192,448	1,164	0.61%	149,879	77.88%	63.13%	13.22%	12.09%	5.49%	0.2%	0.04%	0.91%	4.91%
033	192,694	1,410	0.74%	146,415	75.98%	26%	40.48%	26.72%	2.13%	0.19%	0.05%	0.86%	3.56%
034	190,668	-616	-0.32%	141,840	74.39%	11.11%	66.6%	14.82%	3.9%	0.23%	0.04%	0.6%	2.7%
035	192,839	1,555	0.81%	144,675	75.02%	16.46%	69.77%	8.68%	1.13%	0.17%	0.06%	0.64%	3.08%
036	192,282	998	0.52%	161,385	83.93%	33.1%	51.35%	7.56%	3.58%	0.17%	0.04%	0.53%	3.68%
037	192,671	1,387	0.73%	147,779	76.7%	62.38%	18.04%	9.99%	3.85%	0.16%	0.03%	0.78%	4.76%
038	193,155	1,871	0.98%	148,367	76.81%	20.03%	62.74%	9.72%	3.42%	0.18%	0.04%	0.58%	3.29%
039	191,500	216	0.11%	156,022	81.47%	25.32%	60.33%	6.1%	4.25%	0.16%	0.04%	0.57%	3.22%
040	190,544	-740	-0.39%	147,000	77.15%	43.69%	16.42%	24.81%	10.84%	0.12%	0.04%	0.65%	3.43%
041	191,023	-261	-0.14%	145,278	76.05%	18.86%	60.28%	7.32%	9.19%	0.22%	0.02%	0.64%	3.48%
042	190,940	-344	-0.18%	153,952	80.63%	49.91%	28.14%	10.13%	6.81%	0.13%	0.03%	0.61%	4.24%
043	192,729	1,445	0.76%	145,741	75.62%	23.45%	62.77%	8.13%	1.24%	0.17%	0.09%	0.67%	3.49%
044	190,036	-1,248	-0.65%	145,224	76.42%	13.02%	69.13%	9.96%	4.15%	0.16%	0.04%	0.62%	2.91%
045	190,692	-592	-0.31%	140,706	73.79%	52.74%	17.12%	14.66%	10.69%	0.13%	0.03%	0.62%	4.01%
046	190,312	-972	-0.51%	146,713	77.09%	67.24%	16.64%	7.99%	3.77%	0.2%	0.03%	0.58%	3.56%
047	190,607	-677	-0.35%	146,599	76.91%	64.67%	16.96%	11.22%	2.66%	0.16%	0.04%	0.58%	3.71%
048	190,123	-1,161	-0.61%	136,995	72.06%	49.01%	8.35%	7.58%	30.59%	0.13%	0.04%	0.55%	3.75%
049	189,355	-1,929	-1.01%	144,123	76.11%	60.85%	7.13%	26.24%	2.15%	0.15%	0.04%	0.35%	3.08%
050	189,320	-1,964	-1.03%	148,799	78.6%	78.61%	5.05%	11.08%	1.22%	0.22%	0.04%	0.26%	3.52%
051	190,167	-1,117	-0.58%	155,571	81.81%	88.75%	0.84%	5.43%	0.59%	0.31%	0.02%	0.3%	3.77%
052	190,799	-485	-0.25%	146,620	76.85%	71.8%	12.39%	10.11%	1.08%	0.21%	0.03%	0.35%	4.02%
053	190,236	-1,048	-0.55%	148,201	77.9%	85.78%	4.46%	3.98%	1%	0.24%	0.06%	0.3%	4.18%
054	192,443	1,159	0.61%	143,843	74.75%	65.71%	2.97%	26.66%	1.14%	0.19%	0.02%	0.25%	3.07%
055	190,155	-1,129	-0.59%	141,968	74.66%	18.09%	62.96%	10.14%	4.19%	0.17%	0.04%	0.73%	3.67%
056	191,226	-58	-0.03%	144,448	75.54%	73.9%	6.36%	8.63%	5.67%	0.11%	0.03%	0.75%	4.56%

Total: **10,711,908**
Ideal District: **191,284**

User: S018
Plan Name: Senate-prop1-2021
Plan Type: Senate

Population Summary

Summary Statistics:

Population Range:	189,320 to 193,163
Ratio Range:	0.02
Absolute Range:	-1,964 to 1,879
Absolute Overall Range:	3,843
Relative Range:	-1.03% to 0.98%
Relative Overall Range:	2.01%
Absolute Mean Deviation:	1,012.61
Relative Mean Deviation:	0.53%
Standard Deviation:	1,154.96

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
001	191,402	118	0.06%	145,428	75.98%	61.99%	22.8%	7.55%	2.81%	0.28%	0.27%	0.4%	3.9%
002	190,408	-876	-0.46%	150,843	79.22%	40.21%	44.81%	7.48%	3.77%	0.22%	0.15%	0.42%	2.95%
003	191,212	-72	-0.04%	148,915	77.88%	68.88%	19.81%	6.17%	1.27%	0.27%	0.08%	0.34%	3.19%
004	191,098	-186	-0.10%	146,443	76.63%	66.78%	21.98%	5.52%	1.9%	0.24%	0.07%	0.33%	3.17%
005	191,921	637	0.33%	139,394	72.63%	15.69%	27.21%	41.67%	12.41%	0.14%	0.04%	0.55%	2.28%
006	191,401	117	0.06%	155,781	81.39%	57.79%	21.79%	8.24%	7.14%	0.16%	0.03%	1.05%	3.8%
007	189,709	-1,575	-0.82%	147,425	77.71%	37.84%	19.33%	16.56%	22.58%	0.16%	0.05%	0.55%	2.93%
008	192,396	1,112	0.58%	145,144	75.44%	60.1%	29.02%	6.21%	1.27%	0.29%	0.08%	0.27%	2.75%
009	192,915	1,631	0.85%	142,054	73.64%	35.81%	27.23%	18.77%	14.59%	0.18%	0.04%	0.59%	2.8%
010	192,898	1,614	0.84%	147,884	76.66%	19.64%	68.31%	5.18%	3.15%	0.18%	0.04%	0.61%	2.89%
011	189,976	-1,308	-0.68%	144,597	76.11%	58.97%	30.08%	7.6%	0.72%	0.26%	0.02%	0.22%	2.13%
012	190,819	-465	-0.24%	149,154	78.17%	36.71%	56.63%	3.48%	0.92%	0.18%	0.02%	0.18%	1.88%
013	189,326	-1,958	-1.02%	144,141	76.13%	64.1%	26.01%	6.01%	1.21%	0.17%	0.02%	0.21%	2.26%
014	192,533	1,249	0.65%	155,340	80.68%	57.1%	16.83%	12.13%	9.43%	0.12%	0.05%	0.74%	3.61%
015	189,446	-1,838	-0.96%	144,506	76.28%	36.52%	51.56%	6.59%	1.45%	0.23%	0.25%	0.36%	3.04%
016	191,829	545	0.28%	147,133	76.7%	66.91%	21.49%	5.03%	2.92%	0.18%	0.03%	0.42%	3.01%
017	192,510	1,226	0.64%	144,472	75.05%	59.42%	30.21%	5.13%	1.41%	0.17%	0.03%	0.49%	3.14%
018	191,825	541	0.28%	150,196	78.3%	60.69%	29.2%	4.51%	2.46%	0.22%	0.03%	0.29%	2.6%
019	192,316	1,032	0.54%	146,131	75.98%	63.99%	24.52%	8.38%	0.62%	0.18%	0.06%	0.2%	2.06%
020	192,588	1,304	0.68%	147,033	76.35%	61.71%	30.17%	3.49%	1.76%	0.16%	0.05%	0.25%	2.41%
021	192,572	1,288	0.67%	145,120	75.36%	73.87%	6.37%	8.77%	6.98%	0.18%	0.04%	0.48%	3.32%
022	193,163	1,879	0.98%	150,450	77.89%	34.38%	53.94%	5.35%	2.3%	0.24%	0.18%	0.38%	3.24%
023	190,344	-940	-0.49%	144,113	75.71%	56.89%	33.91%	4.52%	1.24%	0.25%	0.09%	0.27%	2.84%
024	192,674	1,390	0.73%	148,602	77.13%	69.81%	18.69%	4.4%	3.27%	0.2%	0.07%	0.35%	3.2%
025	191,161	-123	-0.06%	148,917	77.9%	59.94%	32.23%	3.66%	1.09%	0.18%	0.04%	0.39%	2.48%
026	189,945	-1,339	-0.70%	145,744	76.73%	36.6%	55.18%	4.24%	0.92%	0.22%	0.03%	0.24%	2.56%
027	190,676	-608	-0.32%	139,196	73%	71.5%	4.16%	10.2%	10.27%	0.15%	0.04%	0.45%	3.22%
028	190,422	-862	-0.45%	144,973	76.13%	69.44%	18.18%	6.44%	1.99%	0.23%	0.04%	0.38%	3.29%

Population Summary

Senate-prop1-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
029	189,424	-1,860	-0.97%	145,674	76.9%	63.22%	25.52%	4.45%	3%	0.23%	0.11%	0.33%	3.13%
030	191,475	191	0.10%	145,077	75.77%	69.41%	19.44%	6.1%	0.97%	0.24%	0.03%	0.41%	3.4%
031	192,560	1,276	0.67%	142,251	73.87%	68.26%	19.13%	7.42%	1.12%	0.22%	0.06%	0.46%	3.33%
032	192,448	1,164	0.61%	149,879	77.88%	65.78%	13.13%	10.55%	5.42%	0.2%	0.04%	0.83%	4.05%
033	192,694	1,410	0.74%	146,415	75.98%	30.25%	40.26%	22.93%	2.35%	0.22%	0.05%	0.81%	3.14%
034	190,668	-616	-0.32%	141,840	74.39%	13.36%	66.5%	12.75%	4.26%	0.22%	0.04%	0.56%	2.31%
035	192,839	1,555	0.81%	144,675	75.02%	18.82%	68.87%	7.51%	1.26%	0.18%	0.06%	0.59%	2.7%
036	192,282	998	0.52%	161,385	83.93%	36.18%	48.68%	7.06%	4.01%	0.17%	0.04%	0.51%	3.34%
037	192,671	1,387	0.73%	147,779	76.7%	65.37%	17.41%	8.69%	3.94%	0.17%	0.04%	0.67%	3.73%
038	193,155	1,871	0.98%	148,367	76.81%	21.87%	62.45%	8.44%	3.55%	0.18%	0.04%	0.56%	2.92%
039	191,500	216	0.11%	156,022	81.47%	27.87%	57.97%	5.65%	4.83%	0.15%	0.04%	0.5%	2.98%
040	190,544	-740	-0.39%	147,000	77.15%	46.34%	17.32%	21.62%	11.15%	0.11%	0.04%	0.59%	2.84%
041	191,023	-261	-0.14%	145,278	76.05%	21.39%	59.67%	6.68%	8.42%	0.22%	0.02%	0.6%	3.01%
042	190,940	-344	-0.18%	153,952	80.63%	51.39%	28.73%	8.64%	7.16%	0.12%	0.03%	0.53%	3.4%
043	192,729	1,445	0.76%	145,741	75.62%	26.53%	61.35%	6.89%	1.34%	0.17%	0.08%	0.6%	3.05%
044	190,036	-1,248	-0.65%	145,224	76.42%	15.29%	68.39%	8.6%	4.37%	0.17%	0.04%	0.56%	2.58%
045	190,692	-592	-0.31%	140,706	73.79%	55.47%	16.86%	13.05%	10.89%	0.13%	0.03%	0.5%	3.07%
046	190,312	-972	-0.51%	146,713	77.09%	69.9%	15.64%	6.99%	3.85%	0.22%	0.02%	0.5%	2.89%
047	190,607	-677	-0.35%	146,599	76.91%	67.46%	16.34%	9.57%	2.79%	0.17%	0.04%	0.5%	3.13%
048	190,123	-1,161	-0.61%	136,995	72.06%	52.25%	8.26%	7%	29.05%	0.11%	0.04%	0.47%	2.83%
049	189,355	-1,929	-1.01%	144,123	76.11%	65.64%	7.12%	21.9%	2.22%	0.16%	0.04%	0.29%	2.63%
050	189,320	-1,964	-1.03%	148,799	78.6%	81.54%	5.03%	8.78%	1.24%	0.24%	0.03%	0.24%	2.91%
051	190,167	-1,117	-0.58%	155,571	81.81%	90.24%	0.84%	4.34%	0.61%	0.33%	0.02%	0.27%	3.34%
052	190,799	-485	-0.25%	146,620	76.85%	74.74%	12.08%	8.24%	1.13%	0.22%	0.02%	0.29%	3.27%
053	190,236	-1,048	-0.55%	148,201	77.9%	87.31%	4.49%	3.23%	0.99%	0.26%	0.06%	0.22%	3.44%
054	192,443	1,159	0.61%	143,843	74.75%	69.98%	3.07%	22.64%	1.15%	0.22%	0.02%	0.21%	2.71%
055	190,155	-1,129	-0.59%	141,968	74.66%	20.56%	62.42%	8.71%	4.24%	0.18%	0.04%	0.67%	3.18%
056	191,226	-58	-0.03%	144,448	75.54%	76.17%	6.37%	7.66%	5.51%	0.12%	0.03%	0.63%	3.51%

Total: **10,711,908**

Ideal District: **191,284**

EXHIBIT M

Population Summary Report

Georgia State Senate --2021 Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbents
001	191402	0.06%	145428	36468	25.08%	90150	61.99%	24.12%	6.38%	2.49%	32.99%	65.83%	1
002	190408	-0.46%	150843	70688	46.86%	60650	40.21%	53.13%	4.28%	1.47%	58.88%	40.30%	1
003	191212	-0.04%	148915	31545	21.18%	102574	68.88%	22.87%	3.13%	1.35%	27.35%	71.91%	1
004	191098	-0.10%	146443	34217	23.37%	97792	66.78%	23.64%	2.86%	1.06%	27.56%	71.51%	1
005	191921	0.33%	139394	41736	29.94%	21872	15.69%	38.70%	19.93%	13.74%	72.36%	26.30%	1
006	191401	0.06%	155781	37231	23.90%	90024	57.79%	23.06%	4.63%	4.76%	32.45%	66.92%	1
007	189709	-0.82%	147425	31601	21.44%	55780	37.84%	23.42%	8.40%	16.90%	48.73%	50.46%	1
008	192396	0.58%	145144	44098	30.38%	87232	60.10%	30.18%	4.19%	1.10%	35.46%	63.55%	1
009	192915	0.85%	142054	41948	29.53%	50868	35.81%	30.19%	9.36%	11.34%	50.89%	48.30%	1
010	192898	0.84%	147884	105671	71.46%	29039	19.64%	68.86%	3.80%	2.73%	75.38%	23.77%	1
011	189976	-0.68%	144597	44887	31.04%	85275	58.97%	32.41%	3.43%	0.47%	36.32%	62.84%	1
012	190819	-0.24%	149154	86465	57.97%	54752	36.71%	59.25%	1.33%	0.70%	61.28%	38.13%	1
013	189326	-1.02%	144141	38871	26.97%	92398	64.10%	27.49%	3.21%	0.97%	31.67%	67.81%	1
014	192533	0.65%	155340	29470	18.97%	88706	57.10%	19.75%	5.98%	6.16%	31.90%	67.30%	1
015	189446	-0.96%	144506	78040	54.00%	52771	36.52%	53.56%	5.59%	1.33%	60.48%	38.55%	1
016	191829	0.28%	147133	33393	22.70%	98454	66.91%	22.24%	3.32%	2.02%	27.58%	71.46%	1
017	192510	0.64%	144472	46245	32.01%	85846	59.42%	27.89%	2.70%	1.18%	31.77%	67.34%	1
018	191825	0.28%	150196	45662	30.40%	91155	60.69%	30.44%	2.50%	1.81%	34.75%	64.62%	1
019	192316	0.54%	146131	37589	25.72%	93506	63.99%	27.82%	4.25%	0.40%	32.47%	66.86%	1
020	192588	0.68%	147033	45991	31.28%	90729	61.71%	31.59%	2.67%	1.09%	35.35%	63.98%	3
021	192572	0.67%	145120	10823	7.46%	107202	73.87%	7.89%	4.72%	3.50%	16.11%	82.97%	1
022	193163	0.98%	150450	85009	56.50%	51728	34.38%	57.93%	4.02%	1.80%	63.76%	35.32%	1
023	190344	-0.49%	144113	51133	35.48%	81988	56.89%	35.06%	3.11%	0.84%	39.01%	60.09%	0
024	192674	0.73%	148602	29503	19.85%	103744	69.81%	21.16%	2.86%	2.56%	26.58%	72.87%	1
025	191161	-0.06%	148917	49860	33.48%	89256	59.94%	32.45%	2.48%	0.95%	35.87%	63.76%	1
026	189945	-0.70%	145744	83056	56.99%	53346	36.60%	56.93%	2.22%	0.82%	59.97%	39.34%	1
027	190676	-0.32%	139196	6961	5.00%	99531	71.50%	4.08%	5.44%	4.87%	14.40%	84.89%	1
028	190422	-0.45%	144973	28282	19.51%	100664	69.44%	18.97%	4.25%	1.35%	24.56%	74.52%	1
029	189424	-0.97%	145674	39150	26.88%	92102	63.22%	27.45%	3.45%	2.13%	33.04%	66.07%	1
030	191475	0.10%	145077	30346	20.92%	100699	69.41%	21.14%	3.12%	0.82%	25.08%	74.15%	1
031	192560	0.67%	142251	29440	20.70%	97094	68.26%	17.68%	4.68%	0.83%	23.19%	75.98%	1
032	192448	0.61%	149879	22274	14.86%	98589	65.78%	13.75%	5.72%	3.72%	23.19%	75.67%	1
033	192694	0.74%	146415	62897	42.96%	44286	30.25%	47.97%	10.51%	2.48%	60.96%	38.28%	0
034	190668	-0.32%	141840	98640	69.54%	18951	13.36%	73.27%	5.16%	3.38%	81.82%	17.07%	1
035	192839	0.81%	144675	104019	71.90%	27234	18.82%	68.27%	4.22%	0.97%	73.46%	25.64%	1
036	192282	0.52%	161385	82859	51.34%	58394	36.18%	53.64%	3.72%	3.02%	60.38%	38.93%	1
037	192671	0.73%	147779	28484	19.27%	96596	65.37%	18.82%	5.46%	3.60%	27.88%	71.43%	1
038	193155	0.98%	148367	96886	65.30%	32445	21.87%	69.99%	4.03%	2.27%	76.28%	23.30%	1
039	191500	0.11%	156022	94702	60.70%	43478	27.87%	63.27%	3.14%	3.27%	69.68%	29.75%	1
040	190544	-0.39%	147000	28277	19.24%	68121	46.34%	22.07%	7.43%	7.88%	37.38%	62.08%	1
041	191023	-0.14%	145278	90961	62.61%	31068	21.39%	66.37%	2.74%	4.22%	73.32%	25.66%	1
042	190940	-0.18%	153952	47383	30.78%	79111	51.39%	35.04%	3.19%	4.94%	43.17%	55.88%	1
043	192729	0.76%	145741	93754	64.33%	38669	26.53%	61.38%	4.11%	1.52%	67.01%	32.37%	1
044	190036	-0.65%	145224	103599	71.34%	22202	15.29%	73.79%	4.90%	3.82%	82.50%	16.56%	1
045	190692	-0.31%	140706	26149	18.58%	78049	55.47%	17.77%	7.97%	7.32%	33.06%	66.11%	0
046	190312	-0.51%	146713	24793	16.90%	102559	69.90%	16.67%	3.96%	3.23%	23.86%	75.50%	1
047	190607	-0.35%	146599	25543	17.42%	98893	67.46%	19.34%	4.51%	1.58%	25.42%	73.97%	1
048	190123	-0.61%	136995	12968	9.47%	71575	52.25%	8.60%	5.77%	16.94%	31.31%	67.93%	1
049	189355	-1.01%	144123	11475	7.96%	94600	65.64%	8.66%	10.81%	1.97%	21.44%	77.80%	1
050	189320	-1.03%	148799	8341	5.61%	121337	81.54%	6.02%	4.73%	1.05%	11.80%	87.16%	1
051	190167	-0.58%	155571	1876	1.21%	140394	90.24%	1.34%	2.21%	0.52%	4.06%	93.72%	1
052	190799	-0.25%	146620	19120	13.04%	109583	74.74%	13.27%	3.93%	0.83%	18.03%	81.15%	1
053	190236	-0.55%	148201	7558	5.10%	129390	87.31%	4.83%	1.74%	0.81%	7.38%	91.71%	1
054	192443	0.61%	143843	5450	3.79%	100668	69.98%	4.07%	11.67%	0.81%	16.55%	82.47%	1
055	190155	-0.59%	141968	93659	65.97%	29183	20.56%	67.72%	4.33%	2.22%	74.27%	24.77%	1
056	191226	-0.03%	144448	10940	7.57%	110031	76.17%	6.99%	4.98%	3.81%	15.79%	83.61%	2
Total 2020 Pop.	**10,711,908**	**2.01%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**						
Majority Districts					14			15			18	38	

CVAP Source:
* 2015-19 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017)

Source for disaggregation: Redistricting Data Hub
https://redistrictingdatahub.org/dataset/georgia-cvap-data-disaggregated-to-the-2020-block-level-2019/

EXHIBIT A

October 31, 2021

William S. Cooper
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Summary of Redistricting Work

I have a B.A. in Economics from Davidson College in Davidson, North Carolina.

Since 1986, I have prepared proposed redistricting maps of approximately 750 jurisdictions for Section 2 litigation, Section 5 comment letters, and for use in other efforts to promote compliance with the Voting Rights Act of 1965. I have analyzed and prepared election plans in over 100 of these jurisdictions for two or more of the decennial censuses – either as part of concurrent legislative reapportionments or, retrospectively, in relation to litigation involving many of the cases listed below.

From 1986 to 2020, I have prepared election plans for Section 2 litigation in Alabama, Connecticut, Florida, Georgia, Louisiana, Maryland, Mississippi, Missouri, Montana, Nebraska, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, and Wyoming.

Post-2010 Redistricting Experience

Since the release of the 2010 Census in February 2011, I have developed statewide legislative plans on behalf of clients in nine states (Alabama, Connecticut, Florida, Georgia, Kentucky, Mississippi, South Carolina, Texas, and Virginia), as well as over 150 local redistricting plans in approximately 30 states – primarily for groups working to protect minority voting rights. In addition, I have prepared congressional plans for clients in eight states (Alabama, Florida, Georgia, Louisiana, Maryland, Ohio, Pennsylvania, South Carolina, and Virginia).

In March 2011, I was retained by the Sussex County, Virginia Board of Supervisors and the Bolivar County, Mississippi Board of Supervisors to draft new district plans based on the 2010 Census. In the summer of 2011, both counties received Section 5 preclearance from the U.S. Department of Justice (DOJ).

Also in 2011, I was retained by way of a subcontract with Olmedillo X5 LLC to assist with redistricting for the Miami-Dade County, Florida Board of Commissioners and the Miami-Dade, Florida School Board. Final plans were adopted in late 2011 following public hearings.

In the fall of 2011, I was retained by the City of Grenada, Mississippi to provide redistricting services. The ward plan I developed received DOJ preclearance in March 2012.

In 2012 and 2013, I served as a redistricting consultant to the Tunica County, Mississippi Board of Supervisors and the Claiborne County, Mississippi Board of Supervisors.

In *Montes v. City of Yakima* (E.D. Wash. Feb. 17, 2015) the court adopted, as a remedy for the Voting Rights Act Section 2 violation, a seven single-member district plan that I developed for the Latino plaintiffs. I served as the expert for the Plaintiffs in the liability and remedy phases of the case.

In *Pope v. Albany County* (N.D.N.Y. Mar. 24, 2015), the court approved, as a remedy for a Section 2 violation, a plan drawn by the defendants, creating a new Black-majority district. I served as the expert for the Plaintiffs in the liability and remedy phases of the case.

In 2016, two redistricting plans that I developed on behalf of the plaintiffs for consent decrees in Section 2 lawsuits in Georgia were adopted (*NAACP v. Fayette County, Georgia* and *NAACP v. Emanuel County, Georgia).*

In 2016, two federal courts granted summary judgment to the plaintiffs based in part on my *Gingles 1* testimony: *Navajo Nation v. San Juan County, Utah* (C.D. Utah 2016) and NAACP v. *Ferguson-Florissant School District, Missouri* (E. D. Mo. August 22, 2016).

Also in 2016, based in part on my analysis, the City of Pasco, Washington admitted to a Section 2 violation. As a result, in *Glatt v. City of Pasco* (E.D. Wash. Jan. 27, 2017), the court ordered a plan that created three Latino majority single-member districts in a 6 district, 1 at-large plan.

In 2018, I served as the redistricting consultant to the Governor Wolf interveners at the remedial stage of *League of Women Voters, et al. v. Commonwealth of Pennsylvania*.

In August 2018, the Wenatchee City Council adopted a hybrid election plan that I developed – five single-member districts with two members at-large. The Wenatchee election plan is the first plan adopted under the Washington Voting Rights Acts of 2018.

In February 2019, a federal court ruled in favor of the plaintiffs in a Section 2 case regarding Senate District 22 in Mississippi, based in part on my *Gingles* 1 testimony in *Thomas v. Bryant (S.D. Ms. Feb 16, 2019).*

In the summer of 2019, I developed redistricting plans for the Grand County (Utah) Change of Form of Government Study Committee.

In the fall of 2019, a redistricting plan I developed for a consent decree involving the Jefferson County, Alabama Board of Education was adopted *Traci Jones, et al. v. Jefferson County Board of Education, et al*.

In May 2020, a federal court ruled in favor of the plaintiffs in a Section 2 case in *NAACP et al. v. East Ramapo Central School District, NY,* based in part on my *Gingles* 1 testimony. In October 2020, the federal court adopted a consent decree plan I developed for elections to be held in February 2021.

In May and June of 2020, I served as a consultant to the City of Quincy, Florida – the Defendant in a Section 2 lawsuit filed by two Anglo voters (*Baroody v. City of Quincy*). The federal court for the Northern District of Florida ruled in favor of the Defendants. The Plaintiffs voluntarily dismissed the case.

In the summer of 2020, I provided technical redistricting assistance to the City of Chestertown, Maryland.

I am currently a redistricting consultant and expert for the plaintiffs in *Jayla Allen v. Waller County, Texas.* I testified remotely at trial in October 2020.

Since 2011, I have served as a redistricting and demographic consultant to the Massachusetts-based Prison Policy Initiative for a nationwide project to end prison-based gerrymandering. I have analyzed proposed and adopted election plans in about 25 states as part of my work.

In 2018 (Utah) and again in 2020 (Arizona), I have provided technical assistance to the Rural Utah Project for voter registration efforts on the Navajo Nation Reservation.

Post-2010 Demographics Experience

My trial testimony in Section 2 lawsuits usually includes presentations of U.S. Census data with charts, tables, and/or maps to demonstrate socioeconomic disparities between non-Hispanic Whites and racial or ethnic minorities.

I served as a demographic expert for plaintiffs in four state-level voting cases related to the Covid-19 pandemic (South Carolina, Alabama, and Louisiana) and state court in North Carolina.

I have also served as an expert witness on demographics in non-voting trials. For example, in an April 2017 opinion in *Stout v. Jefferson County Board of Education* (Case no.2:65-cv-00396-MHH), a school desegregation case involving the City of Gardendale,

Ala., the court made extensive reference to my testimony.

I provide technical demographic and mapping assistance to the Food Research and Action Center (FRAC) in Washington D.C and their constituent organizations around the country. Most of my work with FRAC involves the Summer Food Program and Child and Adult Care Food Program. Both programs provide nutritional assistance to school-age children who are eligible for free and reduced price meals. As part of this project, I developed an online interactive map to determine site eligibility for the two programs that has been in continuous use by community organizations and school districts around the country since 2003. The map is updated annually with new data from a Special Tabulation of the American Community Survey prepared by the U.S. Census Bureau for the Food and Nutrition Service of the U.S. Department of Agriculture.

Historical Redistricting Experience

In the 1980s and 1990s, I developed voting plans in about 400 state and local jurisdictions – primarily in the South and Rocky Mountain West. During the 2000s and 2010s, I prepared draft election plans involving about 350 state and local jurisdictions in 25 states. Most of these plans were prepared at the request of local citizens' groups, national organizations such as the NAACP, tribal governments, and for Section 2 or Section 5 litigation.

Election plans I developed for governments in two counties – Sussex County, Virginia and Webster County, Mississippi – were adopted and precleared in 2002 by the U.S. Department of Justice. A ward plan I prepared for the City of Grenada, Mississippi was precleared in August 2005. A county supervisors' plan I produced for Bolivar County, Mississippi was precleared in January 2006.

In August 2005, a federal court ordered the State of South Dakota to remedy a

Section 2 voting rights violation and adopt a state legislative plan I developed (*Bone Shirt v. Hazeltine*).

A county council plan I developed for Native American plaintiffs in a Section 2 lawsuit (*Blackmoon v. Charles Mix County*) was adopted by Charles Mix County, South Dakota in November 2005. A plan I drafted for Latino plaintiffs in Bethlehem, Pennsylvania (*Pennsylvania Statewide Latino Coalition v. Bethlehem Area School District*) was adopted in March 2009. Plans I developed for minority plaintiffs in Columbus County, North Carolina and Montezuma- Cortez School District in Colorado were adopted in 2009.

Since 1986, I have testified at trial as an expert witness on redistricting and demographics in federal courts in the following voting rights cases (approximate most recent testimony dates are in parentheses). I also filed declarations and was deposed in most of these cases.

Alabama
Chestnut v Merrill (2019)
Alabama State Conference of the NAACP v. Alabama (2018)
Alabama Legislative Black Caucus et al. v. Alabama et al. (2013)

Colorado
Cuthair v. Montezuma-Cortez School Board (1997)

Florida
Baroody v. City of Quincy (2020)

Georgia
Cofield v. City of LaGrange (1996)
Love v. Deal (1995)
Askew v. City of Rome (1995)
Woodard v. Lumber City (1989)

Louisiana
Terrebonne Parish NAACP v. Jindal, et al. (2017)
Wilson v. Town of St. Francisville (1996)
Reno v. Bossier Parish (1995)
Knight v. McKeithen (1994)

Maryland
Cane v. Worcester County (1994

Mississippi

Thomas v. Bryant (2019)
Fairley v. Hattiesburg (2014)
Boddie v. Cleveland School District (2010)
Fairley v. Hattiesburg (2008)
Boddie v. Cleveland (2003)
Jamison v. City of Tupelo (2006)
Smith v. Clark (2002)
NAACP v. Fordice (1999)
Addy v Newton County (1995)
Ewing v. Monroe County (1995)
Gunn v. Chickasaw County (1995)
Nichols v. Okolona (1995)

Montana
Old Person v. Brown (on remand) (2001)
Old Person v. Cooney (1998)

Missouri
Missouri NAACP v. Ferguson-Florissant School District (2016)

Nebraska
Stabler v. Thurston County (1995)

New York
NAACP v. East Ramapo Central School District (2020)
Pope v. County of Albany (2015)
Arbor Hills Concerned Citizens v. Albany County (2003)

Ohio
A. Philip Randolph Institute, et al. v. Ryan (2019)

South Carolina
Smith v. Beasley (1996)

South Dakota
Bone Shirt v. Hazeltine (2004)
Cottier v. City of Martin (2004)

Tennessee
Cousins v. McWherter (1994)
Rural West Tennessee African American Affairs Council v. McWherter (1993)

Texas
Jayla Allen v. Waller County, Texas

Utah
*Navajo Nation v. San Juan County (2017),*brief testimony –11 declarations, 2 depositions

Virginia
Smith v. Brunswick County (1991)
Henderson v. Richmond County (1988)
McDaniel v. Mehfoud (1988)
White v. *Daniel (1989)*

Wyoming
Large v. Fremont County (2007)

In addition, I have filed expert declarations or been deposed in the following cases that did not require trial testimony. The dates listed indicate the deposition date or date of last declaration or supplemental declaration:

Alabama
People First of Alabama v. Merrill (2020), Covid-19 demographics only
Alabama State NAACP v. City of Pleasant Grove (2019)
James v. Jefferson County Board of Education (2019)
Voketz v. City of Decatur (2018)

Arkansas
Mays v. Thurston (2020)-- Covid-19 demographics only)

Connecticut
NAACP v. Merrill (2020)

Florida
Florida State Conference of the NAACP v. Lee, et al, (2021)
Calvin v. Jefferson County (2016)
Thompson v. Glades County (2001)
Johnson v. DeSoto County (1999)
Burton v. City of Belle Glade (1997)

Georgia
Dwight v. Kemp (2018)
Georgia NAACP et al. v. Gwinnett County, GA (2018
Georgia State Conference NAACP et al v. Georgia (2018)
Georgia State Conference NAACP, et al. v. Fayette County (2015)
Knighton v. Dougherty County (2002)
Johnson v. Miller (1998)

Jones v. Cook County (1993)

Kentucky
Herbert v. Kentucky State Board of Elections (2013)

Louisiana
Power Coalition for Equity and Justice v. Edwards (2020), Covid-19 demographics only
Johnson v. Ardoin (2019
NAACP v. St. Landry Parish Council (2005)
Prejean v. Foster (1998)
Rodney v. McKeithen (1993)

Maryland
Benisek v. Lamone (2017)
Fletcher v. Lamone (2011)

Mississippi
Partee v. Coahoma County (2015)
Figgs v. Quitman County (2015)
West v. Natchez (2015)
Williams v. Bolivar County (2005)
Houston v. Lafayette County (2002)
Clark v. Calhoun County (on remand)(1993)
Teague v. Attala County (on remand)(1993)
Wilson v. Clarksdale (1992)
Stanfield v. Lee County(1991)

Montana
Alden v. Rosebud County (2000)

North Carolina
Lewis v. Alamance County (1991)
Gause v. Brunswick County (1992)
Webster v. Person County (1992)

Rhode Island
Davidson v. City of Cranston (2015)

South Carolina
Thomas v. Andino (2020), Covid-19 demographics only
Vander Linden v. Campbell (1996

South Dakota
Kirkie v. Buffalo County (2004
Emery v. Hunt (1999)

Tennessee
NAACP v. Frost, et al. (2003)

Virginia
Moon v. Beyer (1990)

Washington
Glatt v. City of Pasco (2016)
Montes v. City of Yakima (2014

# # #

EXHIBIT B

Exhibit B – Methodology and Sources

1. In the preparation of this report, I analyzed population and geographic data from the Decennial Census and the American Community Survey.

2. For my redistricting analysis, I used a geographic information system (GIS) software package called *Maptitude for Redistricting*, developed by the Caliper Corporation. This software is deployed by many local and state governing bodies across the country for redistricting and other types of demographic analysis.

3. The geographic boundary files that I used with *Maptitude* are created from the U.S. Census 1990-2010 TIGER (Topologically Integrated Geographic Encoding and Referencing) files.

4. I used population data from the 1990-2020 PL 94-171 data files published by the U.S. Census Bureau. The PL 94-171 dataset is published in electronic format and is the complete count population file designed by the Census Bureau for use in legislative redistricting. The file contains basic race and ethnicity data on the total population and voting-age population found in units of Census geography such as states, counties, municipalities, townships, reservations, school districts, census tracts, census block groups, precincts (called voting districts or "VTDs" by the Census Bureau) and census blocks.

5. I obtained 2020 block-level disaggregated citizenship (2015-19 ACS data from the Redistricting Data Hub.

6. The attorneys for the plaintiffs provided me with incumbent addresses from the Redistricting Data Hub.

7. For my analysis, I also relied on shapefiles for current and historical legislative plans available on the website of the Legislative and Congressional Reapportionment Office.

8. I developed the illustrative plans presented in this report using *Maptitude for Redistricting,* The *Maptitude for Redistricting* software processes the TIGER files to produce a map for display on a computer screen. The software also merges demographic data from the PL 94-171 files to match the relevant decennial Census geography.

9. I also reviewed and used data from the American Community Survey ("ACS") conducted by the Census Bureau – specifically, the 1-year 2019 ACS, the 5-year 2015-2019 ACS, and the 5-year 2015-2019 ACS Special Tabulation of citizen population and voting age population by race and ethnicity (prepared by the Census Bureau for the U.S. Department of Justice) and available from the link below:

https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.html

# # #

EXHIBIT C

Georgia: 2020 Core Based Statistical Areas and Counties

Statistical area titles and boundary delineations are based on March 2020 delineation files released by the U.S. Office of Management and Budget. All other names and boundaries are as of January 1, 2020.

U.S. Census Bureau, Population Division

EXHIBIT D

Appendix A: Sample Selection

This analysis relied on three measures to select the Black Belt school systems: historical data of enslaved labor, current enrollments of Black students and current enrollments of students living in poverty. School systems were considered if they had one of the following criteria: a majority-Black student population, majority of students living in poverty and a history of enslaved labor. Enslaved labor data is based on the 1860 U.S. Census data of the distribution of enslaved populations. A review of the data showed a normal distribution of enslaved people as a portion of the population except for a dip in the number of counties with 30 to 39 percent enslaved. The following chart displays the drop in enslaved populations and the subsequent increase in the number of counties that held 40 to 49 percent enslaved people.

Source: Distribution of Slave Population of the Southern States of the United States, U.S. Census, 1861

This sharp increase of counties and cities that contained more than 40 percent of their population enslaved made for a natural threshold for this analysis. This analysis considered all school systems that currently operate in an area that previously had enslaved people greater than 40 percent of the population as having a history of slavery.

School systems that met two of the criteria were included in the selection. Of the remaining systems, the current enrollment had to exceed 30 percent Black and 30

percent living in poverty. This threshold made it possible that even if the school system were not majority Black, Black students might represent a plurality of the student body. Metro Atlanta school systems were excluded due to the unique challenges and opportunities that come with educating in the region. A table with the data is below, with Black Belt districts highlighted.

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Appling County	18%	23%	44%
Atkinson County	23%	16%	43%
Atlanta Public Schools	17%	74%	52%
Bacon County	18%	22%	43%
Baker County	70%	64%	68%
Baldwin County	55%	66%	53%
Banks County	23%	2%	28%
Barrow County	32%	13%	25%
Bartow County	27%	10%	26%
Ben Hill County	15%	42%	48%
Berrien County	13%	12%	40%
Bibb County	42%	73%	55%
Bleckley County	47%	26%	37%
Brantley County	20%	3%	40%
Bremen City	8%	6%	13%
Brooks County	52%	53%	54%
Bryan County	59%	16%	14%
Buford City	20%	11%	15%
Bulloch County	38%	37%	39%
Burke County	71%	65%	52%
Butts County	48%	32%	41%
Calhoun City	21%	6%	23%
Calhoun County	56%	93%	74%
Camden County	77%	22%	27%
Candler County	27%	29%	46%
Carroll County	16%	17%	29%
Carrollton City	16%	33%	29%
Cartersville City	27%	23%	24%
Catoosa County	14%	3%	23%
Charlton County	31%	29%	38%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Chatham County	49%	57%	40%
Chattahoochee County	48%	27%	32%
Chattooga County	29%	9%	44%
Cherokee County	11%	8%	10%
Chickamauga City	15%	0%	11%
Clarke County	51%	49%	46%
Clay County	46%	95%	74%
Clayton County	28%	70%	42%
Clinch County	15%	34%	46%
Cobb County	27%	31%	15%
Coffee County	23%	31%	45%
Colquitt County	8%	27%	49%
Columbia County	70%	20%	15%
Commerce City	32%	11%	27%
Cook County	13%	33%	46%
Coweta County	49%	23%	20%
Crawford County	56%	22%	40%
Crisp County	46%	58%	50%
Dade County	10%	1%	22%
Dalton City	17%	5%	18%
Dawson County	9%	1%	22%
Decatur City	26%	21%	9%
Decatur County	50%	50%	49%
DeKalb County	26%	62%	41%
Dodge County	47%	35%	45%
Dooly County	46%	72%	52%
Dougherty County	73%	89%	64%
Douglas County	24%	53%	28%
Dublin City	47%	91%	72%
Early County	66%	70%	59%
Echols County	21%	2%	52%
Effingham County	46%	15%	20%
Elbert County	55%	34%	42%
Emanuel County	26%	42%	53%
Evans County	27%	35%	54%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Fannin County	3%	0%	31%
Fayette County	29%	28%	11%
Floyd County	39%	7%	28%
Forsyth County	12%	4%	6%
Franklin County	18%	10%	36%
Fulton County	17%	42%	23%
Gainesville City	14%	18%	35%
Gilmer County	3%	0%	26%
Glascock County	31%	8%	29%
Glynn County	73%	35%	38%
Gordon County	21%	2%	28%
Grady County	58%	34%	46%
Greene County	67%	47%	41%
Gwinnett County	20%	32%	20%
Habersham County	13%	2%	29%
Hall County	14%	5%	23%
Hancock County	68%	96%	63%
Haralson County	8%	2%	40%
Harris County	56%	16%	16%
Hart County	25%	23%	36%
Heard County	36%	9%	36%
Henry County	42%	53%	25%
Houston County	69%	38%	30%
Irwin County	15%	32%	42%
Jackson County	32%	6%	25%
Jasper County	65%	23%	41%
Jeff Davis County	23%	15%	43%
Jefferson City	32%	8%	13%
Jefferson County	59%	68%	56%
Jenkins County	71%	52%	55%
Johnson County	29%	42%	50%
Jones County	66%	25%	29%
Lamar County	47%	32%	37%
Lanier County	30%	25%	43%
Laurens County	47%	29%	39%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Lee County	52%	21%	28%
Liberty County	73%	53%	36%
Lincoln County	69%	38%	40%
Long County	74%	26%	38%
Lowndes County	46%	22%	28%
Lumpkin County	9%	1%	28%
Macon County	58%	81%	53%
Madison County	34%	9%	33%
Marietta City	27%	39%	23%
Marion County	48%	34%	42%
McDuffie County	70%	55%	52%
McIntosh County	74%	42%	44%
Meriwether County	57%	58%	45%
Miller County	36%	38%	46%
Mitchell County	37%	59%	54%
Monroe County	64%	24%	38%
Montgomery County	33%	32%	56%
Morgan County	70%	26%	30%
Murray County	20%	0%	29%
Muscogee County	45%	58%	40%
Newton County	45%	56%	40%
Oconee County	51%	4%	9%
Oglethorpe County	65%	17%	33%
Paulding County	8%	24%	19%
Peach County	56%	51%	46%
Pelham City	37%	56%	55%
Pickens County	5%	1%	24%
Pierce County	12%	9%	33%
Pike County	47%	8%	21%
Polk County	39%	14%	42%
Pulaski County	47%	40%	50%
Putnam County	71%	37%	47%
Quitman County	47%	72%	57%
Rabun County	6%	1%	33%
Randolph County	47%	96%	66%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Richmond County	40%	74%	52%
Rockdale County	45%	67%	39%
Rome City	39%	35%	38%
Schley County	51%	16%	26%
Screven County	55%	47%	47%
Seminole County	50%	41%	50%
Social Circle City	42%	22%	29%
Spalding County	44%	47%	45%
Stephens County	13%	13%	40%
Stewart County	59%	95%	61%
Sumter County	52%	72%	57%
Talbot County	63%	91%	53%
Taliaferro County	63%	77%	61%
Tattnall County	27%	25%	46%
Taylor County	40%	41%	42%
Telfair County	31%	41%	52%
Terrell County	46%	93%	74%
Thomas County	58%	35%	41%
Thomaston-Upson County	49%	35%	42%
Thomasville City	58%	57%	41%
Tift County	23%	35%	44%
Toombs County	27%	18%	54%
Towns County	4%	1%	29%
Treutlen County	33%	40%	47%
Trion City	29%	1%	15%
Troup County	62%	43%	36%
Turner County	23%	63%	57%
Twiggs County	65%	62%	55%
Union County	3%	0%	24%
Valdosta City	46%	75%	59%
Vidalia City	27%	50%	43%
Walker County	15%	6%	30%
Walton County	42%	23%	27%
Ware County	17%	36%	48%
Warren County	55%	91%	67%

System Name	Slave Population (1860)	Percent Black (2018)	Percent in Poverty (2018)
Washington County	52%	64%	50%
Wayne County	28%	22%	41%
Webster County	46%	44%	45%
Wheeler County	33%	36%	49%
White County	8%	2%	30%
Whitfield County	17%	1%	20%
Wilcox County	20%	34%	44%
Wilkes County	70%	51%	49%
Wilkinson County	42%	55%	52%
Worth County	23%	34%	46%

Source: Institute of Taxation and Economic Policy, February 2019; "Who Pays? A Distributional Analysis of the Tax Systems in All 50 States," Institute on Taxation and Economic Policy, October 2018

Appendix B: Methods

This analysis focuses on K-12 public education funding and outcomes as a measure of the state's responsibility to its citizens. Schools operate in a complex environment of federal and state laws and local district decisions. The state constitution outlines the ultimate responsibility for public education, however.

For decades school finance experts studied state funding systems by comparing inputs, or investments, meaning that two similar students, regardless of the location of their schools, should be provided similar funding amounts.[47] Additionally, if there were notable differences between students that affected the school program each would require, then different funding amounts might also be required. It is for this very reason that students with disabilities are provided more funding than students without disabilities.[48] This focus on inputs led to the *McDaniel* case mentioned in the report's timeline. The *McDaniel* case was a primary driver for state policymakers to draft and pass the Quality Basic Education Act, an overhaul to the state's education funding formula, in 1985.[49]

More recently, education finance has been analyzed through outputs, or outcomes. Instead of solely judging a funding system by the amount of money provided, states have been held accountable for the level of student performance.[50] The question no longer stops at whether funding amounts are equal, but whether they are adequate to produce high levels of learning for students across the state. This analysis considers various inputs such as staffing, budgets and educational opportunities, but the focus remains on outputs.

EXHIBIT E

Georgia
Georgia Counties
Region A
Region B
Region C
Atlanta MSA
% Black by County -- 2020
0.0% to 20.0% (51)
20.0% to 40.0% (67)
40.0% to 60.0% (33)
60.0% to 73.0% (8)
0
30
60
Miles
©2019 CALIPER; ©2018 HERE
Chattanooga
Huntsville
Scottsboro
Fort Payne
Albertville
Gadsden
Jacksonville
Moody
Pell City
Oxford
Talladega
Chelsea
Sylacauga
Alexander City
Auburn
Prattville
Montgomery
Troy
Ozark
Enterprise
Dothan
Crestview
Wright
Tallahassee
Dalton
Calhoun
Rome
Cartersville
Canton
Alpharetta
Roswell
Marietta
Sandy Springs
Atlanta
East Point
Carrollton
Redan
Covington
McDonough
Gainesville
Milledgeville
Macon
Warner Robins
Columbus
Perry
Americus
Cordele
Eufaula
Albany
Tifton
Douglas
Waycross
Moultrie
Bainbridge
Thomasville
Valdosta
Dublin
Vidalia
Statesboro
Savannah
Hinesville
Jesup
Brunswick
Saint Marys
Yulee
Georgetown
Hilton Head Island
Beaufort
Summerville
North Charleston
Charleston
Goose Creek
Laurinburg
Florence
Sumter
Orangeburg
Aiken
Augusta
Columbia
Irmo
Newberry
Greenwood
Anderson
Clemson
Easley
Greenville
Spartanburg
Gaffney
Fort Mill
Rock Hill
Monroe
Evergreen Hills
DADE
CATOOSA
WALKER
MURRAY
FANNIN
UNION
TOWNS
RABUN
GILMER
WHITE
HABERSHAM
GORDON
LUMPKIN
STEPHENS
CHATTOOGA
PICKENS
DAWSON
HALL
BANKS
FRANKLIN
HART
FLOYD
BARTOW
CHEROKEE
FORSYTH
JACKSON
MADISON
ELBERT
POLK
COBB
GWINNETT
BARROW
CLARKE
PAULDING
OGLETHORPE
CONEE
HARALSON
WALTON
WILKES
LINCOLN
DOUGLAS
FULTON
DEKALB
ROCKDALE
CARROLL
GREENE
TALIAFERRO
COLUMBIA
CLAYTON
NEWTON
MORGAN
MCDUFFIE
FAYETTE
HENRY
JASPER
PUTNAM
WARREN
RICHMOND
HEARD
COWETA
SPALDING
BUTTS
HANCOCK
GLASCOCK
TROUP
PIKE
LAMAR
MONROE
JONES
BALDWIN
JEFFERSON
BURKE
WASHINGTON
ERIWETHER
UPSON
BIBB
WILKINSON
JENKINS
SCREVEN
HARRIS
TALBOT
CRAWFORD
TWIGGS
JOHNSON
TAYLOR
PEACH
EMANUEL
MUSCOGEE
BLECKLEY
LAURENS
TREUTLEN
CANDLER
BULLOCH
EFFINGHAM
MARION
HOUSTON
MACON
SCHLEY
PULASKI
DODGE
WHEELER
TOOMBS
EVANS
STEWART
WEBSTER
SUMTER
DOOLY
WILCOX
TELFAIR
TATTNALL
BRYAN
LIBERTY
CHATHAM
QUITMAN
TERRELL
LEE
CRISP
JEFF DAVIS
APPLING
LONG
RANDOLPH
TURNER
BEN HILL
IRWIN
WAYNE
CLAY
CALHOUN
DOUGHERTY
WORTH
COFFEE
BACON
MCINTOSH
BAKER
TIFT
BERRIEN
ATKINSON
PIERCE
EARLY
COLQUITT
BRANTLEY
GLYNN
MILLER
MITCHELL
COOK
WARE
LANIER
CAMDEN
SEMINOLE
GRADY
THOMAS
BROOKS
LOWNDES
CLINCH
CHARLTON
DECATUR
ECHOLS

EXHIBIT F

Regional Commissions

State of Georgia

Georgia® Department of Community Affairs

Effective July 1, 2021

EXHIBIT G-1

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
APPLING	18444	3647	1825	12674	13958	2540	1118	10048	208	164	416	121	5.00%	
ATKINSON	8286	1284	2048	4801	6129	937	1282	3787	-89	-216	184	-103	-9.90%	Douglas,
BACON	11140	1970	875	8103	8310	1245	547	6374	44	182	40	31	2.55%	
BAKER	2876	1178	143	1514	2275	932	77	1235	-575	-459	-375	-291	-23.79%	
BALDWIN	43799	18985	1139	22432	35732	14515	835	19377	-1921	-300	-637	488	3.48%	Milledgeville,
BANKS	18035	589	1164	15578	13900	365	721	12278	-360	103	148	14	3.99%	
BARROW	83505	11907	10560	55582	62195	8222	6726	43241	14138	3287	12417	2553	45.03%	**Atlanta-Sandy Sprin**
BARTOW	108901	13395	10751	80159	83570	9377	6817	63759	8744	2365	10213	2083	28.56%	**Atlanta-Sandy Sprin**
BEN HILL	17194	6537	1054	9219	13165	4745	653	7459	-440	320	199	498	11.73%	Fitzgerald,
BERRIEN	18160	2198	1045	14396	13690	1499	622	11181	-1126	53	-657	66	4.61%	
BIBB	157346	88865	6737	56787	120902	64270	4734	47979	1799	6394	5474	7743	13.70%	Macon-Bibb County,
BLECKLEY	12583	2951	469	8867	9613	2036	311	7032	-480	-682	-501	-672	-24.82%	
BRANTLEY	18021	733	326	16317	13692	470	212	12522	-390	130	174	67	16.63%	Brunswick,
BROOKS	16301	5958	955	9066	12747	4357	635	7483	58	164	354	212	5.11%	Valdosta,
BRYAN	44738	7463	3269	31321	31828	5025	1919	23033	14505	2837	10452	2048	68.79%	Savannah,
BULLOCH	81099	24375	4180	49712	64494	18220	3021	41041	10882	4369	8670	3305	22.16%	Statesboro,
BURKE	24596	11430	777	11941	18778	8362	494	9566	1280	-282	2047	501	6.37%	Augusta-Richmond C
BUTTS	25434	7212	803	16628	20360	5660	559	13510	1779	595	2030	564	11.07%	**Atlanta-Sandy Sprin**
CALHOUN	5573	3629	149	1766	4687	2998	90	1567	-1121	-520	-687	-264	-8.09%	
CAMDEN	54768	11072	3658	37203	41808	7828	2457	29410	4255	508	4947	818	11.67%	St. Marys,
CANDLER	10981	2807	1378	6567	8241	2009	835	5229	-17	76	62	59	3.03%	
CARROLL	119148	24618	9586	80725	90996	17827	6129	63803	8621	3049	8593	2916	19.56%	**Atlanta-Sandy Sprin**
CATOOSA	67872	2642	2341	59280	52448	1684	1492	46578	3930	849	4446	642	61.61%	Chattanoo, TN-
CHARLTON	12518	2798	2036	7532	10135	2147	1971	5929	347	-764	606	-654	-23.35%	
CHATHAM	295291	115458	23790	139433	234715	85178	16551	119161	30163	6030	29594	7835	10.13%	Savannah,
CHATTAHOOCHEE	9565	1825	1610	5403	7199	1287	1160	4212	-1702	-483	-1015	-284	-18.08%	Columbus, -AL
CHATTOOGA	24965	2865	1297	20079	19416	2235	733	15885	-1050	-226	-741	-306	-12.04%	Summerville,
CHEROKEE	266620	21687	32111	197867	202928	14976	20915	156155	52274	7817	47502	6222	71.08%	**Atlanta-Sandy Sprin**
CLARKE	128671	33672	14336	72201	106830	24776	10213	64531	11957	1589	10539	1713	7.43%	Athens-Clarke Count
CLAY	2848	1634	41	1143	2246	1231	19	973	-335	-311	-220	-153	-11.05%	
CLAYTON	297595	216351	42546	25902	220578	158854	27378	23396	38171	40374	36133	37475	30.87%	**Atlanta-Sandy Sprin**
CLINCH	6749	2096	253	4256	5034	1406	156	3372	-49	157	79	151	12.03%	
COBB	766149	223116	111240	369182	591848	166141	74505	303300	78071	42151	80257	41430	33.22%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
COFFEE	43092	12575	5430	24158	32419	9191	3324	19146	736	981	1164	972	11.83%	Douglas,
COLQUITT	45898	10648	8709	25588	34193	7461	5467	20507	400	181	1279	440	6.27%	Moultrie,
COLUMBIA	156010	32516	11858	99111	114823	22273	7355	76070	31957	12635	24580	9062	68.59%	Augusta-Richmond C
COOK	17229	5014	1134	10658	12938	3595	704	8310	17	221	408	325	9.94%	
COWETA	146158	28289	11053	99421	111155	20196	7384	78073	18841	5130	18670	4501	28.68%	**Atlanta-Sandy Sprin**
CRAWFORD	12130	2455	415	8866	9606	1938	287	7079	-500	-448	-156	-241	-11.06%	Macon-Bibb County,
CRISP	20128	9194	634	9892	15570	6603	414	8248	-3311	-1036	-1747	-214	-3.14%	Cordele,
DADE	16251	228	364	14786	12987	140	243	11925	-382	40	-60	4	2.94%	Chattanoo, TN-
DAWSON	26798	392	1605	23544	21441	249	1047	19183	4468	203	4194	146	141.75%	**Atlanta-Sandy Sprin**
DECATUR	29367	12583	1911	14280	22443	9189	1196	11586	1525	984	1683	1112	13.77%	Bainbridge,
DEKALB	764382	407451	81471	215895	595276	314230	55506	180161	72489	22898	68519	34330	12.27%	**Atlanta-Sandy Sprin**
DODGE	19925	6148	620	12865	15709	4725	406	10360	-1871	-480	-1010	-94	-1.95%	
DOOLY	11208	5652	797	4611	9187	4526	493	4029	-3710	-1859	-2572	-1168	-20.51%	
DOUGHERTY	85790	61457	2413	20631	66266	45631	1591	17909	-8775	-2790	-3965	648	1.44%	Albany,
DOUGLAS	144237	74260	16035	49877	108428	53377	10212	41416	11834	20007	13558	17860	50.29%	**Atlanta-Sandy Sprin**
EARLY	10854	5688	186	4813	8315	4075	113	3985	-154	178	208	284	7.49%	
ECHOLS	3697	193	1091	2328	2709	121	667	1856	-337	10	-142	-18	-12.95%	Valdosta,
EFFINGHAM	64769	10035	3492	48204	47295	6831	2054	36237	12519	2578	9951	1888	38.20%	Savannah,
ELBERT	19637	5520	996	12610	15493	4122	660	10322	-529	-537	26	-210	-4.85%	
EMANUEL	22768	7556	993	13815	17320	5404	589	11013	170	-112	470	135	2.56%	
EVANS	10774	3273	1237	6038	8127	2410	731	4826	-226	19	-36	90	3.88%	
FANNIN	25319	199	753	23351	21188	133	505	19721	1637	84	2037	62	87.32%	
FAYETTE	119194	32076	9480	68144	91798	23728	6168	55102	12627	9578	13330	8373	54.53%	**Atlanta-Sandy Sprin**
FLOYD	98584	15606	11466	67747	76295	11064	7167	55088	2267	1175	3423	1136	11.44%	Rome,
FORSYTH	251283	13222	25226	159407	181193	8751	16204	122017	75772	7917	59087	5460	165.91%	**Atlanta-Sandy Sprin**
FRANKLIN	23424	2207	1121	19262	18307	1523	678	15466	1340	170	1179	95	6.65%	
FULTON	1066710	477624	86302	404793	847182	368635	61914	340541	146129	60732	146287	62029	20.23%	**Atlanta-Sandy Sprin**
GILMER	31353	296	3599	26365	25417	161	2158	22187	3061	84	3354	53	49.07%	
GLASCOCK	2884	226	52	2573	2236	167	31	2003	-198	-39	-33	-18	-9.73%	
GLYNN	84499	22098	6336	52987	66468	15620	4116	44302	4873	633	6073	1061	7.29%	Brunswick,
GORDON	57544	2919	8957	43317	43500	1939	5592	34084	2358	527	3189	323	19.99%	Calhoun,
GRADY	26236	7693	3273	14715	19962	5678	1857	11968	1225	363	1378	563	11.01%	
GREENE	18915	6027	1289	11126	15358	4470	826	9675	2921	-178	2661	62	1.41%	

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
GWINNETT	957062	287687	220460	310583	709484	202762	146659	252041	151741	86155	138870	71745	54.76%	**Atlanta-Sandy Sprin**
HABERSHAM	46031	2165	6880	34694	35878	1675	4115	28299	2990	498	3141	396	30.96%	Cornelia,
HALL	203136	17006	57010	120418	153844	12094	36146	98800	23452	2609	24326	2332	23.89%	inesville,
HANCOCK	8735	6131	63	2413	7487	5108	47	2220	-694	-887	-223	-421	-7.61%	Milledgeville,
HARALSON	29919	1541	497	26825	22854	1106	323	20617	1139	13	1307	44	4.14%	**Atlanta-Sandy Sprin**
HARRIS	34668	5742	1417	25925	26799	4431	908	20298	2644	64	2393	188	4.43%	Columbus, -AL
HART	25828	4732	931	19250	20436	3447	578	15761	615	-167	834	-49	-1.40%	
HEARD	11412	1142	253	9589	8698	832	153	7407	-422	-101	-88	-60	-6.73%	**Atlanta-Sandy Sprin**
HENRY	240712	125211	18437	86297	179973	89657	12030	69744	36790	46914	35708	38225	74.32%	**Atlanta-Sandy Sprin**
HOUSTON	163633	56520	11807	86211	122118	39605	7530	68018	23733	14719	19709	11436	40.60%	Warner Robins,
IRWIN	9666	2333	663	6402	7547	1720	545	5047	128	-182	324	-110	-6.01%	
JACKSON	75907	6148	6712	59064	56451	4268	4261	45015	15422	1618	12011	1140	36.45%	Jefferson,
JASPER	14588	2676	684	10771	11118	1966	402	8400	688	-466	693	-306	-13.47%	**Atlanta-Sandy Sprin**
JEFF DAVIS	14779	2493	2047	9950	10856	1752	1233	7643	-289	191	-46	183	11.66%	
JEFFERSON	15709	8208	462	6834	12301	6324	280	5536	-1221	-1095	-358	-372	-5.56%	
JENKINS	8674	3638	303	4611	7005	2843	194	3874	334	197	901	561	24.58%	
JOHNSON	9189	3124	117	5800	7474	2513	82	4790	-791	-407	-416	-175	-6.51%	Dublin,
JONES	28347	7114	476	20074	21575	5341	302	15428	-322	-55	379	130	2.49%	Macon-Bibb County,
LAMAR	18500	5220	475	12344	14541	4017	323	9852	183	-611	93	-577	-12.56%	**Atlanta-Sandy Sprin**
LANIER	9877	2369	572	6595	7326	1683	370	5010	-201	-133	16	-27	-1.58%	Valdosta,
LAURENS	49570	19132	1424	27881	37734	13695	923	22229	1136	1478	1775	1478	12.10%	Dublin,
LEE	33163	7755	953	22758	24676	5503	603	17356	4865	2324	4313	1733	45.97%	Albany,
LIBERTY	65256	31146	7786	24004	48014	21700	5231	19065	1803	2495	3752	2676	14.07%	Hinesville,
LINCOLN	7690	2212	92	5196	6270	1728	54	4316	-306	-387	-75	-241	-12.24%	Augusta-Richmond C
LONG	16168	4734	1979	8774	11234	3107	1227	6422	1704	827	1189	530	20.57%	Hinesville,
LOWNDES	118251	46758	7872	59306	89031	33302	5201	47140	9018	6468	6768	4906	17.28%	Valdosta,
LUMPKIN	33488	685	1790	29241	27689	507	1345	24419	3522	218	3964	169	50.00%	
MACON	21632	9045	790	11417	16615	6425	536	9359	6892	26	5128	-506	-7.30%	
MADISON	10975	3400	231	7060	9040	2641	166	5998	-17145	902	-12206	853	47.71%	Athens-Clarke Count
MARION	12082	7296	472	4078	9938	6021	322	3379	3340	4385	3292	3908	184.95%	
MCDUFFIE	30120	3196	1956	23549	23112	2225	1198	18643	8245	-5682	6935	-3833	-63.27%	Augusta-Richmond C
MCINTOSH	7498	2223	560	4486	5854	1687	337	3643	-6835	-3022	-5401	-2246	-57.11%	Brunswick,
MERIWETHER	20613	7547	475	12084	16526	5845	299	9994	-1379	-1204	-256	-393	-6.30%	**Atlanta-Sandy Sprin**

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
MILLER	6000	1831	136	3949	4749	1358	92	3239	-125	70	60	112	8.99%	
MITCHELL	21755	10394	964	10106	17065	7917	615	8284	-1743	-935	-597	-257	-3.14%	
MONROE	27957	6444	714	19954	21913	5068	464	15771	1533	57	1442	215	4.43%	Macon-Bibb County,
MONTGOMERY	8610	2224	571	5665	6792	1781	377	4527	-513	-233	-247	-110	-5.82%	Vidalia,
MORGAN	20097	4339	712	14487	15574	3280	434	11452	2229	20	2145	160	5.13%	**Atlanta-Sandy Sprin**
MURRAY	39973	556	5914	32164	30210	321	3696	25146	345	143	1230	101	45.91%	Dalton,
MUSCOGEE	206922	102212	16513	79083	157052	74301	10894	64635	17037	12315	15765	11327	17.99%	Columbus, -AL
NEWTON	112483	55901	7164	46746	84748	40433	4561	37631	12525	13634	13663	12748	46.05%	**Atlanta-Sandy Sprin**
OCONEE	41799	2280	2347	33886	30221	1660	1405	24942	8991	504	6716	409	32.69%	Athens-Clarke Count
OGLETHORPE	14825	2468	869	10903	11639	1853	531	8799	-74	-272	295	-162	-8.04%	Athens-Clarke Count
PAULDING	168661	41296	12564	108444	123998	28164	7974	83066	26337	15231	24768	11767	71.76%	**Atlanta-Sandy Sprin**
PEACH	27981	12645	2547	12119	22111	9720	1788	10071	286	-309	736	-223	-2.24%	Warner Robins,
PICKENS	33216	512	1198	30122	26799	319	755	24626	3785	124	4005	81	34.03%	**Atlanta-Sandy Sprin**
PIERCE	19716	1801	998	16403	14899	1262	595	12662	958	38	1037	50	4.13%	Waycross,
PIKE	18889	1613	348	16313	14337	1254	207	12422	1020	-333	1306	-210	-14.34%	**Atlanta-Sandy Sprin**
POLK	42853	5816	5585	30161	32238	3991	3252	24049	1378	280	1809	274	7.37%	Cedartown,
PULASKI	9855	3250	327	6022	8012	2564	224	5027	-2155	-642	-1420	-387	-13.11%	
PUTNAM	22047	5701	1557	14316	17847	4229	1031	12209	829	64	1230	245	6.15%	
QUITMAN	2235	965	31	1190	1870	765	18	1037	-278	-248	-129	-141	-15.56%	Eufaula, AL-
RABUN	16883	210	1452	14625	13767	129	928	12236	607	-6	920	25	24.04%	
RANDOLPH	6425	3947	143	2250	4977	2913	82	1922	-1294	-862	-1014	-619	-17.53%	
RICHMOND	206607	119970	11449	68397	160899	87930	8445	58403	6058	7979	9655	9329	11.87%	Augusta-Richmond C
ROCKDALE	93570	57204	9540	24500	71503	41935	6089	21457	8355	16468	9202	14643	53.65%	**Atlanta-Sandy Sprin**
SCHLEY	4547	933	175	3357	3328	644	103	2520	-463	-247	-179	-166	-20.49%	Americus,
SCREVEN	14067	5527	287	8018	10893	4144	188	6387	-526	-897	-10	-326	-7.29%	
SEMINOLE	9147	3093	228	5617	7277	2275	160	4681	418	133	552	209	10.12%	
SPALDING	67306	24522	3666	37105	52123	17511	2377	30612	3233	2894	4261	2752	18.65%	**Atlanta-Sandy Sprin**
STEPHENS	26784	3527	857	21323	21163	2467	578	17310	609	387	940	314	14.58%	Toccoa,
STEWART	5314	2538	1217	1338	4617	2048	1196	1161	-744	-360	-492	-156	-7.08%	Columbus, -AL
SUMTER	29616	15546	1770	11528	23036	11479	1147	9800	-3203	-1654	-1482	-395	-3.33%	Americus,
TALBOT	5733	3145	112	2427	4783	2537	56	2129	-1132	-964	-618	-544	-17.66%	Columbus, -AL
TALIAFERRO	1559	876	69	591	1289	722	46	506	-158	-167	-105	-109	-13.12%	
TATTNALL	22842	6331	2303	13825	17654	4886	1419	11020	-2678	-1295	-2460	-1348	-21.62%	

County (Metro Atlanta in Bold)	2020 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2010 -2020 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
TAYLOR	7816	2946	168	4584	6120	2235	107	3686	-1090	-602	-608	-380	-14.53%	
TELFAIR	12477	4754	1928	5970	10190	3806	1757	4802	-4023	-1380	-2994	-924	-19.53%	
TERRELL	9185	5707	177	3189	7204	4274	121	2709	-130	-57	193	241	5.98%	Albany,
THOMAS	45798	16975	1577	25994	35037	12332	970	20740	1078	236	1454	417	3.50%	Thomasville,
TIFT	41344	12734	5219	22189	31224	8963	3295	18011	1226	859	1466	803	9.84%	Tifton,
TOOMBS	27030	7402	3044	16007	20261	5036	1978	12810	-193	453	653	552	12.31%	Vidalia,
TOWNS	12493	168	415	11469	10923	137	338	10100	2022	115	2093	94	218.60%	
TREUTLEN	6406	2114	170	4065	4934	1514	98	3272	-479	-167	-238	-69	-4.36%	Dublin,
TROUP	69426	25473	2956	38099	52581	18202	1822	30377	2382	2501	3339	2433	15.43%	LaGrange, -AL
TURNER	9006	3813	372	4700	6960	2752	256	3891	76	68	233	140	5.36%	
TWIGGS	8022	3226	124	4487	6589	2627	79	3733	-1001	-559	-578	-271	-9.35%	Macon-Bibb County,
UNION	24632	228	816	22646	20808	147	563	19351	3276	112	3245	66	81.48%	
UPSON	27700	8324	633	18009	21711	6202	411	14548	547	572	975	627	11.25%	Thomaston,
WALKER	67654	3664	1685	59654	52794	2454	1066	47292	-1102	368	294	239	10.79%	Chattanoo, TN-
WALTON	96673	18804	5228	68499	73098	13165	3236	53647	12905	5086	11918	4068	44.72%	**Atlanta-Sandy Sprin**
WARE	36251	11421	1612	22275	27788	8226	1012	17818	-61	411	33	377	4.80%	Waycross,
WARREN	5215	3128	53	1974	4159	2360	46	1716	-619	-496	-302	-229	-8.85%	
WASHINGTON	19988	10969	334	8412	15709	8333	235	6944	-1199	-354	-432	47	0.57%	
WAYNE	30144	6390	1732	21301	23105	4662	1116	16754	45	92	467	119	2.62%	Jesup,
WEBSTER	2348	1107	59	1136	1847	844	36	931	-451	-94	-242	-17	-1.97%	
WHEELER	7471	2949	272	4157	6217	2561	174	3418	50	302	195	342	15.41%	
WHITE	28003	721	913	24959	22482	484	605	20318	859	153	1538	104	27.37%	
WHITFIELD	102864	4919	36916	57875	76262	3349	23553	46881	265	400	2946	286	9.34%	Dalton,
WILCOX	8766	3161	272	5185	7218	2693	209	4215	-489	-144	-250	-1	-0.04%	
WILKES	9565	3989	399	4952	7651	3071	243	4154	-1028	-651	-586	-386	-11.17%	
WILKINSON	8877	3330	239	5110	7026	2549	152	4165	-686	-390	-213	-144	-5.35%	
WORTH	20784	5517	381	14427	16444	4108	244	11747	-895	-574	108	-141	-3.32%	Albany,
Total	**10711908**	**3538146**	**1123457**	**5362156**	**8220274**	**2607986**	**742918**	**4342333**	**1024255**	**484048**	**1024173**	**467197**		

EXHIBIT G-2

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
APPLING		18236	13542	2419	1016	9968	17.9%	18444	13958	2540	10048	18.2%	0.3%	
ATKINSON		8375	5945	1040	1209	3642	17.5%	8286	6129	937	3787	15.3%	-2.2%	Douglas,
BACON		11096	8270	1214	514	6481	14.7%	11140	8310	1245	6374	15.0%	0.3%	
BAKER	Region C	3451	2650	1223	73	1331	46.2%	2876	2275	932	1235	41.0%	-5.2%	
BALDWIN		45720	36369	14027	677	21005	38.6%	43799	35732	14515	19377	40.6%	2.1%	Milledgeville,
BANKS		18395	13752	351	615	12531	2.6%	18035	13900	365	12278	2.6%	0.1%	
BARROW		69367	49778	5669	3613	38607	11.4%	83505	62195	8222	43241	13.2%	1.8%	**Atlanta-Sandy S**
BARTOW		100157	73357	7294	4506	60334	9.9%	108901	83570	9377	63759	11.2%	1.3%	**Atlanta-Sandy S**
BEN HILL		17634	12966	4247	572	7983	32.8%	17194	13165	4745	7459	36.0%	3.3%	Fitzgerald,
BERRIEN		19286	14347	1433	501	12265	10.0%	18160	13690	1499	11181	10.9%	1.0%	
BIBB		155547	115428	56527	2849	53639	49.0%	157346	120902	64270	47979	53.2%	4.2%	Macon-Bibb Cou
BLECKLEY		13063	10114	2708	189	7124	26.8%	12583	9613	2036	7032	21.2%	-5.6%	
BRANTLEY		18411	13518	403	194	12739	3.0%	18021	13692	470	12522	3.4%	0.5%	Brunswick,
BROOKS		16243	12393	4145	553	7564	33.4%	16301	12747	4357	7483	34.2%	0.7%	Valdosta,
BRYAN		30233	21376	2977	777	17090	13.9%	44738	31828	5025	23033	15.8%	1.9%	Savannah,
BULLOCH		70217	55824	14915	1726	37973	26.7%	81099	64494	18220	41041	28.3%	1.5%	Statesboro,
BURKE	Region B	23316	16731	7861	414	8340	47.0%	24596	18778	8362	9566	44.5%	-2.5%	Augusta-Richmo
BUTTS		23655	18330	5096	394	12648	27.8%	25434	20360	5660	13510	27.8%	0.0%	**Atlanta-Sandy S**
CALHOUN	Region C	6694	5374	3262	194	1893	60.7%	5573	4687	2998	1567	64.0%	3.3%	
CAMDEN		50513	36861	7010	1622	27230	19.0%	54768	41808	7828	29410	18.7%	-0.3%	St. Marys,
CANDLER		10998	8179	1950	774	5392	23.8%	10981	8241	2009	5229	24.4%	0.5%	
CARROLL		110527	82403	14911	4258	62068	18.1%	119148	90996	17827	63803	19.6%	1.5%	**Atlanta-Sandy S**
CATOOSA		63942	48002	1042	880	45014	2.2%	67872	52448	1684	46578	3.2%	1.0%	Chattanoo, TN-
CHARLTON		12171	9529	2801	252	6343	29.4%	12518	10135	2147	5929	21.2%	-8.2%	
CHATHAM		265128	205121	77343	9986	111471	37.7%	295291	234715	85178	119161	36.3%	-1.4%	Savannah,
CHATTAHOOCHEE		11267	8214	1571	940	5353	19.1%	9565	7199	1287	4212	17.9%	-1.2%	Columbus, -AL
CHATTOOGA		26015	20157	2541	621	16780	12.6%	24965	19416	2235	15885	11.5%	-1.1%	Summerville,
CHEROKEE		214346	155426	8754	12908	129832	5.6%	266620	202928	14976	156155	7.4%	1.7%	**Atlanta-Sandy S**
CLARKE		116714	96291	23063	7933	60254	24.0%	128671	106830	24776	64531	23.2%	-0.8%	Athens-Clarke Co
CLAY	Region C	3183	2466	1384	16	1045	56.1%	2848	2246	1231	973	54.8%	-1.3%	
CLAYTON		259424	184445	121379	21831	32242	65.8%	297595	220578	158854	23396	72.0%	**6.2%**	**Atlanta-Sandy S**
CLINCH		6798	4955	1255	142	3505	25.3%	6749	5034	1406	3372	27.9%	2.6%	
COBB		688078	511591	124711	53080	307377	24.4%	766149	591848	166141	303300	28.1%	3.7%	**Atlanta-Sandy S**

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
COFFEE		42356	31255	8219	2554	20113	26.3%	43092	32419	9191	19146	28.4%	2.1%	Douglas,
COLQUITT		45498	32914	7021	4701	20826	21.3%	45898	34193	7461	20507	21.8%	0.5%	Moultrie,
COLUMBIA		124053	90243	13211	3862	68414	14.6%	156010	114823	22273	76070	19.4%	4.8%	Augusta-Richmo
COOK		17212	12530	3270	603	8505	26.1%	17229	12938	3595	8310	27.8%	1.7%	
COWETA		127317	92485	15695	5588	69124	17.0%	146158	111155	20196	78073	18.2%	1.2%	**Atlanta-Sandy S**
CRAWFORD		12630	9762	2179	196	7266	22.3%	12130	9606	1938	7079	20.2%	-2.1%	Macon-Bibb Cou
CRISP		23439	17317	6817	461	9863	39.4%	20128	15570	6603	8248	42.4%	3.0%	Cordele,
DADE		16633	13047	136	177	12466	1.0%	16251	12987	140	11925	1.1%	0.0%	Chattanoo, TN-
DAWSON		22330	17247	103	602	16265	0.6%	26798	21441	249	19183	1.2%	0.6%	**Atlanta-Sandy S**
DECATUR		27842	20760	8077	821	11670	38.9%	29367	22443	9189	11586	40.9%	2.0%	Bainbridge,
DEKALB		691893	526757	279900	46921	171336	53.1%	764382	595276	314230	180161	52.8%	-0.3%	**Atlanta-Sandy S**
DODGE		21796	16719	4819	495	11280	28.8%	19925	15709	4725	10360	30.1%	1.3%	
DOOLY		14918	11759	5694	558	5437	48.4%	11208	9187	4526	4029	49.3%	0.8%	
DOUGHERTY	Region C	94565	70231	44983	1360	23106	64.1%	85790	66266	45631	17909	68.9%	**4.8%**	Albany,
DOUGLAS		132403	94870	35517	6581	51014	37.4%	144237	108428	53377	41416	49.2%	**11.8%**	**Atlanta-Sandy S**
EARLY	Region C	11008	8107	3791	99	4156	46.8%	10854	8315	4075	3985	49.0%	2.2%	
ECHOLS		4034	2851	139	697	1925	4.9%	3697	2709	121	1856	4.5%	-0.4%	Valdosta,
EFFINGHAM		52250	37344	4943	867	30847	13.2%	64769	47295	6831	36237	14.4%	1.2%	Savannah,
ELBERT		20166	15467	4332	588	10422	28.0%	19637	15493	4122	10322	26.6%	-1.4%	
EMANUEL		22598	16850	5269	582	10793	31.3%	22768	17320	5404	11013	31.2%	-0.1%	
EVANS		11000	8163	2320	861	4918	28.4%	10774	8127	2410	4826	29.7%	1.2%	
FANNIN		23682	19151	71	293	18506	0.4%	25319	21188	133	19721	0.6%	0.3%	
FAYETTE	Region A	106567	78468	15355	4183	55492	19.6%	119194	91798	23728	55102	25.8%	**6.3%**	**Atlanta-Sandy S**
FLOYD		96317	72872	9928	5376	56175	13.6%	98584	76295	11064	55088	14.5%	0.9%	Rome,
FORSYTH		175511	122106	3291	10403	100172	2.7%	251283	181193	8751	122017	4.8%	2.1%	**Atlanta-Sandy S**
FRANKLIN		22084	17128	1428	560	14944	8.3%	23424	18307	1523	15466	8.3%	0.0%	
FULTON		920581	700895	306606	48745	304024	43.7%	1066710	847182	368635	340541	43.5%	-0.2%	**Atlanta-Sandy S**
GILMER		28292	22063	108	1557	20116	0.5%	31353	25417	161	22187	0.6%	0.1%	
GLASCOCK	Region B	3082	2269	185	18	2040	8.2%	2884	2236	167	2003	7.5%	-0.7%	
GLYNN		79626	60395	14559	3283	41521	24.1%	84499	66468	15620	44302	23.5%	-0.6%	Brunswick,
GORDON		55186	40311	1616	4603	33417	4.0%	57544	43500	1939	34084	4.5%	0.4%	Calhoun,
GRADY		25011	18584	5115	1570	11674	27.5%	26236	19962	5678	11968	28.4%	0.9%	
GREENE		15994	12697	4408	573	7609	34.7%	18915	15358	4470	9675	29.1%	-5.6%	

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
GWINNETT		805321	570614	131017	102225	272913	23.0%	957062	709484	202762	252041	28.6%	**5.6%**	**Atlanta-Sandy S**
HABERSHAM		43041	32737	1279	2997	27461	3.9%	46031	35878	1675	28299	4.7%	0.8%	Cornelia,
HALL		179684	129518	9762	27227	89587	7.5%	203136	153844	12094	98800	7.9%	0.3%	inesville,
HANCOCK	Region B	9429	7710	5529	118	2018	71.7%	8735	7487	5108	2220	68.2%	-3.5%	Milledgeville,
HARALSON		28780	21547	1062	187	19985	4.9%	29919	22854	1106	20617	4.8%	-0.1%	**Atlanta-Sandy S**
HARRIS		32024	24406	4243	567	19136	17.4%	34668	26799	4431	20298	16.5%	-0.9%	Columbus, -AL
HART		25213	19602	3496	474	15405	17.8%	25828	20436	3447	15761	16.9%	-1.0%	
HEARD		11834	8786	892	123	7635	10.2%	11412	8698	832	7407	9.6%	-0.6%	**Atlanta-Sandy S**
HENRY	Region A	203922	144265	51432	7182	80733	35.7%	240712	179973	89657	69744	49.8%	**14.2%**	**Atlanta-Sandy S**
HOUSTON		139900	102409	28169	5357	65255	27.5%	163633	122118	39605	68018	32.4%	**4.9%**	Warner Robins,
IRWIN		9538	7223	1830	140	5209	25.3%	9666	7547	1720	5047	22.8%	-2.5%	
JACKSON		60485	44440	3128	2251	38046	7.0%	75907	56451	4268	45015	7.6%	0.5%	Jefferson,
JASPER		13900	10425	2272	308	7724	21.8%	14588	11118	1966	8400	17.7%	-4.1%	**Atlanta-Sandy S**
JEFF DAVIS		15068	10902	1569	893	8352	14.4%	14779	10856	1752	7643	16.1%	1.7%	
JEFFERSON	Region B	16930	12659	6696	340	5550	52.9%	15709	12301	6324	5536	51.4%	-1.5%	
JENKINS	Region B	8340	6104	2282	214	3556	37.4%	8674	7005	2843	3874	40.6%	3.2%	
JOHNSON		9980	7890	2688	128	5047	34.1%	9189	7474	2513	4790	33.6%	-0.4%	Dublin,
JONES		28669	21196	5211	188	15538	24.6%	28347	21575	5341	15428	24.8%	0.2%	Macon-Bibb Cou
LAMAR		18317	14448	4594	219	9500	31.8%	18500	14541	4017	9852	27.6%	-4.2%	**Atlanta-Sandy S**
LANIER		10078	7310	1710	259	5195	23.4%	9877	7326	1683	5010	23.0%	-0.4%	Valdosta,
LAURENS		48434	35959	12217	725	22496	34.0%	49570	37734	13695	22229	36.3%	2.3%	Dublin,
LEE		28298	20363	3770	348	15672	18.5%	33163	24676	5503	17356	22.3%	3.8%	Albany,
LIBERTY		63453	44262	19024	3649	20233	43.0%	65256	48014	21700	19065	45.2%	2.2%	Hinesville,
LINCOLN		7996	6345	1969	63	4250	31.0%	7690	6270	1728	4316	27.6%	-3.5%	Augusta-Richmo
LONG		14464	10045	2577	1031	6249	25.7%	16168	11234	3107	6422	27.7%	2.0%	Hinesville,
LOWNDES		109233	82263	28396	3467	48506	34.5%	118251	89031	33302	47140	37.4%	2.9%	Valdosta,
LUMPKIN		29966	23725	338	861	22026	1.4%	33488	27689	507	24419	1.8%	0.4%	
MACON		14740	11487	6931	346	9690	60.3%	12082	9938	6021	3379	60.6%	**0.2%**	
MADISON		28120	21246	1788	642	7069	8.4%	30120	23112	2225	18643	9.6%	1.2%	Athens-Clarke C
MARION		8742	6646	2113	353	4035	31.8%	7498	5854	1687	3643	28.8%	-3.0%	Columbus, -AL
MCDUFFIE	Region B	21875	16177	6058	282	18544	37.4%	21632	16615	6425	9359	38.7%	**1.2%**	Augusta-Richmo
MCINTOSH		14333	11255	3933	147	4057	34.9%	10975	9040	2641	5998	29.2%	-5.7%	Brunswick,
MERIWETHER		21992	16782	6238	216	10121	37.2%	20613	16526	5845	9994	35.4%	-1.8%	**Atlanta-Sandy S**

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black	2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
MILLER	Region C	6125	4689	1246	51	3364	26.6%	6000	4749	1358	3239	28.6%	2.0%	
MITCHELL	Region C	23498	17662	8174	675	8626	46.3%	21755	17065	7917	8284	46.4%	0.1%	
MONROE		26424	20471	4853	351	14967	23.7%	27957	21913	5068	15771	23.1%	-0.6%	Macon-Bibb Cou
MONTGOMERY		9123	7039	1891	294	4822	26.9%	8610	6792	1781	4527	26.2%	-0.6%	Vidalia,
MORGAN		17868	13429	3120	304	9845	23.2%	20097	15574	3280	11452	21.1%	-2.2%	**Atlanta-Sandy S**
MURRAY		39628	28980	220	2875	25580	0.8%	39973	30210	321	25146	1.1%	0.3%	Dalton,
MUSCOGEE		189885	141287	62974	7954	66462	44.6%	206922	157052	74301	64635	47.3%	2.7%	Columbus, -AL
NEWTON	Region A	99958	71085	27685	2719	39806	38.9%	112483	84748	40433	37631	47.7%	**8.8%**	**Atlanta-Sandy S**
OCONEE		32808	23505	1251	854	20545	5.3%	41799	30221	1660	24942	5.5%	0.2%	Athens-Clarke Co
OGLETHORPE		14899	11344	2015	318	8876	17.8%	14825	11639	1853	8799	15.9%	-1.8%	Athens-Clarke Co
PAULDING		142324	99230	16397	4235	77000	16.5%	168661	123998	28164	83066	22.7%	**6.2%**	**Atlanta-Sandy S**
PEACH		27695	21375	9943	1225	9937	46.5%	27981	22111	9720	10071	44.0%	-2.6%	Warner Robins,
PICKENS		29431	22794	238	488	21759	1.0%	33216	26799	319	24626	1.2%	0.1%	**Atlanta-Sandy S**
PIERCE		18758	13862	1212	510	11953	8.7%	19716	14899	1262	12662	8.5%	-0.3%	Waycross,
PIKE		17869	13031	1464	130	11275	11.2%	18889	14337	1254	12422	8.7%	-2.5%	**Atlanta-Sandy S**
POLK		41475	30429	3717	2781	23535	12.2%	42853	32238	3991	24049	12.4%	0.2%	Cedartown,
PULASKI		12010	9432	2951	275	6097	31.3%	9855	8012	2564	5027	32.0%	0.7%	
PUTNAM		21218	16617	3984	825	11647	24.0%	22047	17847	4229	12209	23.7%	-0.3%	
QUITMAN	Region C	2513	1999	906	21	1072	45.3%	2235	1870	765	1037	40.9%	-4.4%	Eufaula, AL-
RABUN		16276	12847	104	819	11728	0.8%	16883	13767	129	12236	0.9%	0.1%	
RANDOLPH	Region C	7719	5991	3532	89	2366	59.0%	6425	4977	2913	1922	58.5%	-0.4%	
RICHMOND	Region B	200549	151244	78601	5630	63232	52.0%	206607	160899	87930	58403	54.6%	2.7%	Augusta-Richmo
ROCKDALE	Region A	85215	62301	27292	5017	28709	43.8%	93570	71503	41935	21457	58.6%	**14.8%**	**Atlanta-Sandy S**
SCHLEY		5010	3507	810	82	2579	23.1%	4547	3328	644	2520	19.4%	-3.7%	Americus,
SCREVEN		14593	10903	4470	106	6241	41.0%	14067	10893	4144	6387	38.0%	-3.0%	
SEMINOLE		8729	6725	2066	124	4489	30.7%	9147	7277	2275	4681	31.3%	0.5%	
SPALDING	Region A	64073	47862	14759	1612	30775	30.8%	67306	52123	17511	30612	33.6%	2.8%	**Atlanta-Sandy S**
STEPHENS		26175	20223	2153	363	17423	10.6%	26784	21163	2467	17310	11.7%	1.0%	Toccoa,
STEWART	Region C	6058	5109	2204	1438	1421	43.1%	5314	4617	2048	1161	44.4%	1.2%	Columbus, -AL
SUMTER	Region C	32819	24518	11874	1098	11129	48.4%	29616	23036	11479	9800	49.8%	1.4%	Americus,
TALBOT		6865	5401	3081	66	2228	57.0%	5733	4783	2537	2129	53.0%	-4.0%	Columbus, -AL
TALIAFERRO	Region B	1717	1394	831	20	533	59.6%	1559	1289	722	506	56.0%	-3.6%	
TATTNALL		25520	20114	6234	1598	12120	31.0%	22842	17654	4886	11020	27.7%	-3.3%	

County (Metro Atlanta in Bold)	REGIONS	2010 POP.	18_POP	18_AP_BLA	18_HISPAN	NH18__WHT	2010 % 18 AP Black		2020 Pop	18+ Pop	18+ AP Bla	NH18+ White	2020 % 18 AP Black	Percentage Point Change in 18+ AP Black --2010-2020	MSAs
TAYLOR		8906	6728	2615	112	3944	38.9%		7816	6120	2235	3686	36.5%	-2.3%	
TELFAIR		16500	13184	4730	1838	6720	35.9%		12477	10190	3806	4802	37.4%	1.5%	
TERRELL	Region C	9315	7011	4033	105	2854	57.5%		9185	7204	4274	2709	59.3%	1.8%	Albany,
THOMAS		44720	33583	11915	793	20401	35.5%		45798	35037	12332	20740	35.2%	-0.3%	Thomasville,
TIFT		40118	29758	8160	2376	18742	27.4%		41344	31224	8963	18011	28.7%	1.3%	Tifton,
TOOMBS		27223	19608	4484	1779	13099	22.9%		27030	20261	5036	12810	24.9%	2.0%	Vidalia,
TOWNS		10471	8830	43	149	8559	0.5%		12493	10923	137	10100	1.3%	0.8%	
TREUTLEN		6885	5172	1583	70	3499	30.6%		6406	4934	1514	3272	30.7%	0.1%	Dublin,
TROUP		67044	49242	15769	1359	31106	32.0%		69426	52581	18202	30377	34.6%	2.6%	LaGrange, -AL
TURNER		8930	6727	2612	175	3879	38.8%		9006	6960	2752	3891	39.5%	0.7%	
TWIGGS		9023	7167	2898	89	4130	40.4%		8022	6589	2627	3733	39.9%	-0.6%	Macon-Bibb Cou
UNION		21356	17563	81	347	16853	0.5%		24632	20808	147	19351	0.7%	0.2%	
UPSON		27153	20736	5575	375	14562	26.9%		27700	21711	6202	14548	28.6%	1.7%	Thomaston,
WALKER		68756	52500	2215	673	48872	4.2%		67654	52794	2454	47292	4.6%	0.4%	Chattanoo, TN-
WALTON		83768	61180	9097	1619	49336	14.9%		96673	73098	13165	53647	18.0%	3.1%	**Atlanta-Sandy S**
WARE		36312	27755	7849	764	18749	28.3%		36251	27788	8226	17818	29.6%	1.3%	Waycross,
WARREN	Region B	5834	4461	2589	36	1815	58.0%		5215	4159	2360	1716	56.7%	-1.3%	
WASHINGTON	Region B	21187	16141	8286	299	7477	51.3%		19988	15709	8333	6944	53.0%	1.7%	
WAYNE		30099	22638	4543	1181	16655	20.1%		30144	23105	4662	16754	20.2%	0.1%	Jesup,
WEBSTER	Region C	2799	2089	861	49	1173	41.2%		2348	1847	844	931	45.7%	4.5%	
WHEELER		7421	6022	2219	253	3548	36.8%		7471	6217	2561	3418	41.2%	4.3%	
WHITE		27144	20944	380	370	19852	1.8%		28003	22482	484	20318	2.2%	0.3%	
WHITFIELD		102599	73316	3063	18717	50242	4.2%		102864	76262	3349	46881	4.4%	0.2%	Dalton,
WILCOX		9255	7468	2694	261	4470	36.1%		8766	7218	2693	4215	37.3%	1.2%	
WILKES	Region B	10593	8237	3457	218	4505	42.0%		9565	7651	3071	4154	40.1%	-1.8%	
WILKINSON		9563	7239	2693	137	4340	37.2%		8877	7026	2549	4165	36.3%	-0.9%	
WORTH		21679	16336	4249	217	11699	26.0%		20784	16444	4108	11747	25.0%	-1.0%	Albany,
Total		9687653	7196101	2140789	539002	4242514	29.7%		10711908	8220274	2607986	4342333	**31.7%**	**2.0%**	

EXHIBIT G-3

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
APPLING	18236	3483	1704	12854	13542	2419	1016	9968	817	33	852	160	7.08%	
ATKINSON	8375	1500	2039	4776	5945	1040	1209	3642	766	-6	644	15	1.46%	Douglas,
BACON	11096	1788	791	8431	8270	1214	514	6481	993	161	815	218	21.89%	
BAKER	3451	1637	145	1642	2650	1223	73	1331	-623	-425	-311	-184	-13.08%	
BALDWIN	45720	19285	919	24704	36369	14027	677	21005	1020	-288	1390	-314	-2.19%	Milledgeville,
BANKS	18395	486	1041	16526	13752	351	615	12531	3973	9	3106	11	3.24%	
BARROW	69367	8620	6037	51736	49778	5669	3613	38607	23223	3945	16759	2554	81.99%	**Atlanta-Sandy Spring**
BARTOW	100157	11030	7690	79803	73357	7294	4506	60334	24138	4201	18537	2753	60.63%	**Atlanta-Sandy Spring**
BEN HILL	17634	6217	1026	10164	12966	4247	572	7983	150	463	291	505	13.50%	Fitzgerald,
BERRIEN	19286	2145	885	16050	14347	1433	501	12265	3051	263	2536	235	19.62%	
BIBB	155547	82471	4389	65494	115428	56527	2849	53639	1660	9069	2421	7533	15.38%	Macon-Bibb County,
BLECKLEY	13063	3633	301	9000	10114	2708	189	7124	1397	742	1549	830	44.20%	
BRANTLEY	18411	603	343	17198	13518	403	194	12739	3782	-9	3034	7	1.77%	Brunswick,
BROOKS	16243	5794	853	9425	12393	4145	553	7564	-207	-735	368	-122	-2.86%	Valdosta,
BRYAN	30233	4626	1336	23446	21376	2977	777	17090	6816	1195	5248	776	35.26%	Savannah,
BULLOCH	70217	20006	2439	46251	55824	14915	1726	37973	14234	3735	12321	3115	26.40%	Statesboro,
BURKE	23316	11712	617	10844	16731	7861	414	8340	1073	291	1442	634	8.77%	Augusta-Richmond C
BUTTS	23655	6617	597	16200	18330	5096	394	12648	4133	912	3507	902	21.51%	**Atlanta-Sandy Spring**
CALHOUN	6694	4149	262	2250	5374	3262	194	1893	374	304	449	354	12.17%	
CAMDEN	50513	10564	2590	35977	36861	7010	1622	27230	6849	1487	7029	1355	23.96%	St. Marys,
CANDLER	10998	2731	1227	6949	8179	1950	774	5392	1421	108	1170	154	8.57%	
CARROLL	110527	21569	6800	80531	82403	14911	4258	62068	23259	6922	17765	4959	49.83%	**Atlanta-Sandy Spring**
CATOOSA	63942	1793	1469	59149	48002	1042	880	45014	10660	1026	8476	587	129.01%	Chattanoo, TN-
CHARLTON	12171	3562	310	8116	9529	2801	252	6343	1889	505	2073	644	29.86%	
CHATHAM	265128	109428	14370	133492	205121	77343	9986	111471	33080	14186	31156	13015	20.23%	Savannah,
CHATTAHOOCHEE	11267	2308	1398	7089	8214	1571	940	5353	-3615	-2393	-2442	-1497	-48.79%	Columbus, -AL
CHATTOOGA	26015	3091	1043	21589	20157	2541	621	16780	545	131	521	202	8.64%	Summerville,
CHEROKEE	214346	13870	20566	174243	155426	8754	12908	129832	72443	10019	53633	6272	252.70%	**Atlanta-Sandy Spring**
CLARKE	116714	32083	12192	66674	96291	23063	7933	60254	15225	3918	12910	3630	18.68%	Athens-Clarke Count
CLAY	3183	1945	26	1188	2466	1384	16	1045	-174	-99	-27	7	0.51%	
CLAYTON	259424	175977	35447	36610	184445	121379	21831	32242	22907	51427	18849	41548	52.04%	**Atlanta-Sandy Spring**
CLINCH	6798	1939	236	4536	4955	1255	142	3505	-80	-118	-7	-100	-7.38%	
COBB	688078	180965	84330	387438	511591	124711	53080	307377	80327	62736	62246	44994	56.44%	**Atlanta-Sandy Spring**

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
COFFEE	42356	11594	4352	25907	31255	8219	2554	20113	4943	1788	4424	1720	26.47%	Douglas,
COLQUITT	45498	10467	7763	26759	32914	7021	4701	20826	3445	478	2404	644	10.10%	Moultrie,
COLUMBIA	124053	19881	6175	91517	90243	13211	3862	68414	34765	9506	27385	6325	91.85%	Augusta-Richmond C
COOK	17212	4793	1024	11171	12530	3270	603	8505	1441	148	1212	345	11.79%	
COWETA	127317	23159	8493	92604	92485	15695	5588	69124	38102	6873	28912	5051	47.45%	**Atlanta-Sandy Spring**
CRAWFORD	12630	2903	301	9282	9762	2179	196	7266	135	-116	715	36	1.68%	Macon-Bibb County,
CRISP	23439	10230	748	12216	17317	6817	461	9863	1443	606	1699	827	13.81%	Cordele,
DADE	16633	188	292	15796	13047	136	177	12466	1479	85	1506	50	58.14%	Chattanoo, TN-
DAWSON	22330	189	920	20847	17247	103	602	16265	6331	116	5256	64	164.10%	**Atlanta-Sandy Spring**
DECATUR	27842	11599	1404	14615	20760	8077	821	11670	-398	246	582	705	9.56%	Bainbridge,
DEKALB	691893	384553	67824	203395	526757	279900	46921	171336	26028	16037	24870	26315	10.38%	**Atlanta-Sandy Spring**
DODGE	21796	6628	732	14273	16719	4819	495	11280	2625	958	2527	997	26.09%	
DOOLY	14918	7511	862	6461	11759	5694	558	5437	3393	1768	3182	1662	41.22%	
DOUGHERTY	94565	64247	2073	27315	70231	44983	1360	23106	-1500	6093	742	6129	15.77%	Albany,
DOUGLAS	132403	54253	11125	64911	94870	35517	6581	51014	40229	36600	28131	23987	208.04%	**Atlanta-Sandy Spring**
EARLY	11008	5510	171	5250	8107	3791	99	4156	-1346	-486	-706	-14	-0.37%	
ECHOLS	4034	183	1183	2555	2851	139	697	1925	280	-78	197	-30	-17.75%	Valdosta,
EFFINGHAM	52250	7457	1501	42311	37344	4943	867	30847	14715	2472	11043	1746	54.61%	Savannah,
ELBERT	20166	6057	967	12956	15467	4332	588	10422	-345	-303	258	8	0.19%	
EMANUEL	22598	7668	921	13733	16850	5269	582	10793	761	350	1088	607	13.02%	
EVANS	11000	3254	1441	6228	8163	2320	861	4918	505	-223	552	26	1.13%	
FANNIN	23682	115	431	22761	19151	71	293	18506	3884	83	3497	51	255.00%	
FAYETTE	106567	22498	6760	72202	78468	15355	4183	55492	15304	11666	13759	8269	116.69%	**Atlanta-Sandy Spring**
FLOYD	96317	14431	8987	70959	72872	9928	5376	56175	5752	2086	4543	1595	19.14%	Rome,
FORSYTH	175511	5305	16550	140943	122106	3291	10403	100172	77104	4535	51165	2758	517.45%	**Atlanta-Sandy Spring**
FRANKLIN	22084	2037	866	18913	17128	1428	560	14944	1799	200	1697	155	12.18%	
FULTON	920581	416892	72566	376014	700895	306606	48745	304024	104575	47878	84179	45410	17.39%	**Atlanta-Sandy Spring**
GILMER	28292	212	2677	25078	22063	108	1557	20116	4836	136	4310	65	151.16%	
GLASCOCK	3082	265	33	2750	2269	185	18	2040	526	47	322	22	13.50%	
GLYNN	79626	21465	5126	51602	60395	14559	3283	41521	12058	3318	9935	2637	22.12%	Brunswick,
GORDON	55186	2392	7738	44107	40311	1616	4603	33417	11082	759	7705	512	46.38%	Calhoun,
GRADY	25011	7330	2500	14879	18584	5115	1570	11674	1352	123	1378	407	8.64%	
GREENE	15994	6205	893	8771	12697	4408	573	7609	1588	-229	1905	124	2.89%	

County (Metro Atlanta in Bold)	2010 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	2000 -2010 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
GWINNETT	805321	201532	162035	354316	570614	131017	102225	272913	216873	119728	148159	76424	139.99%	**Atlanta-Sandy Spring**
HABERSHAM	43041	1667	5333	34621	32737	1279	2997	27461	7139	-41	5266	-99	-7.18%	Cornelia,
HALL	179684	14397	46906	114300	129518	9762	27227	89587	40407	3911	27758	2670	37.65%	inesville,
HANCOCK	9429	7018	139	2212	7710	5529	118	2018	-647	-837	59	-168	-2.95%	Milledgeville,
HARALSON	28780	1528	318	26516	21547	1062	187	19985	3090	85	2555	96	9.94%	**Atlanta-Sandy Spring**
HARRIS	32024	5678	872	24848	24406	4243	567	19136	8329	1016	6776	899	26.88%	Columbus, -AL
HART	25213	4899	786	19213	19602	3496	474	15405	2216	382	2007	375	12.02%	
HEARD	11834	1243	223	10190	8786	892	123	7635	822	22	938	36	4.21%	**Atlanta-Sandy Spring**
HENRY	203922	78297	11813	107083	144265	51432	7182	80733	84581	60321	59785	39567	333.48%	**Atlanta-Sandy Spring**
HOUSTON	139900	41801	8515	84703	102409	28169	5357	65255	29135	13755	22860	9779	53.18%	Warner Robins,
IRWIN	9538	2515	228	6719	7223	1830	140	5209	-393	-70	152	220	13.66%	
JACKSON	60485	4530	3736	50695	44440	3128	2251	38046	18896	1174	13922	705	29.10%	Jefferson,
JASPER	13900	3142	510	10095	10425	2272	308	7724	2474	-3	2108	119	5.53%	**Atlanta-Sandy Spring**
JEFF DAVIS	15068	2302	1577	11056	10902	1569	893	8352	2384	370	1672	267	20.51%	
JEFFERSON	16930	9303	517	7015	12659	6696	340	5550	-336	-453	296	143	2.18%	
JENKINS	8340	3441	334	4508	6104	2282	214	3556	-235	-55	-28	2	0.09%	
JOHNSON	9980	3531	186	6219	7890	2688	128	5047	1420	363	1909	797	42.15%	Dublin,
JONES	28669	7169	315	20830	21196	5211	188	15538	5030	1600	3968	1159	28.60%	Macon-Bibb County,
LAMAR	18317	5831	341	11943	14448	4594	219	9500	2405	936	2435	1098	31.41%	**Atlanta-Sandy Spring**
LANIER	10078	2502	461	6899	7310	1710	259	5195	2837	624	2052	422	32.76%	Valdosta,
LAURENS	48434	17654	1143	28920	35959	12217	725	22496	3560	2035	3130	1774	16.99%	Dublin,
LEE	28298	5431	560	21453	20363	3770	348	15672	3541	1542	3195	1048	38.50%	Albany,
LIBERTY	63453	28651	6159	27085	44262	19024	3649	20233	1843	1184	2346	1757	10.18%	Hinesville,
LINCOLN	7996	2599	98	5201	6345	1969	63	4250	-352	-284	34	-92	-4.46%	Augusta-Richmond C
LONG	14464	3907	1778	8491	10045	2577	1031	6249	4160	1331	3152	1017	65.19%	Hinesville,
LOWNDES	109233	40290	5238	61234	82263	28396	3467	48506	17118	8523	14282	6956	32.44%	Valdosta,
LUMPKIN	29966	467	1344	27519	23725	338	861	22026	8950	124	7811	94	38.52%	
MACON	14740	9019	475	12310	11487	6931	282	9690	-6491	974	-3828	1617	30.43%	
MADISON	28120	2498	227	8716	21246	1788	147	7069	17273	-1544	13441	-876	-32.88%	Athens-Clarke Count
MARION	8742	2911	527	4961	6646	2113	346	4035	-5332	-5508	-3541	-3744	-63.92%	
MCDUFFIE	21875	8878	1139	24106	16177	6058	642	18544	-3855	6662	-2789	4545	300.40%	Augusta-Richmond C
MCINTOSH	14333	5245	570	5100	11255	3933	353	4057	7189	2780	6136	2297	140.40%	Brunswick,
MERIWETHER	21992	8751	347	12606	16782	6238	216	10121	-542	-809	246	-265	-4.08%	**Atlanta-Sandy Spring**

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MILLER	6125	1761	93	4237	4689	1246	51	3364	-258	-87	-16	58	4.88%	
MITCHELL	23498	11329	1028	10894	17662	8174	675	8626	-434	-195	270	347	4.43%	
MONROE	26424	6387	535	19101	20471	4853	351	14967	4667	260	4427	430	9.72%	Macon-Bibb County,
MONTGOMERY	9123	2457	480	6144	7039	1891	294	4822	853	195	840	222	13.30%	Vidalia,
MORGAN	17868	4319	494	12814	13429	3120	304	9845	2411	-162	2078	6	0.19%	**Atlanta-Sandy Spring**
MURRAY	39628	413	5154	33666	28980	220	2875	25580	3122	109	2678	51	30.18%	Dalton,
MUSCOGEE	189885	89897	12110	82890	141287	62974	7954	66462	3594	6740	4998	7142	12.79%	Columbus, -AL
NEWTON	99958	42267	4635	51995	71085	27685	2719	39806	37957	28259	26241	18457	200.01%	**Atlanta-Sandy Spring**
OCONEE	32808	1776	1436	28306	23505	1251	854	20545	6583	45	5211	87	7.47%	Athens-Clarke Count
OGLETHORPE	14899	2740	546	11429	11344	2015	318	8876	2264	192	1967	225	12.57%	Athens-Clarke Count
PAULDING	142324	26065	7264	106739	99230	16397	4235	77000	60646	20113	42631	12658	338.54%	**Atlanta-Sandy Spring**
PEACH	27695	12954	1890	12499	21375	9943	1225	9937	4027	2138	3870	2057	26.08%	Warner Robins,
PICKENS	29431	388	819	27802	22794	238	488	21759	6448	80	5224	27	12.80%	**Atlanta-Sandy Spring**
PIERCE	18758	1763	887	15860	13862	1212	510	11953	3122	17	2395	47	4.03%	Waycross,
PIKE	17869	1946	193	15506	13031	1464	130	11275	4181	-110	3122	-46	-3.05%	**Atlanta-Sandy Spring**
POLK	41475	5536	4885	30492	30429	3717	2781	23535	3348	327	2239	194	5.51%	Cedartown,
PULASKI	12010	3892	465	7494	9432	2951	275	6097	2422	579	2060	518	21.29%	
PUTNAM	21218	5637	1347	14024	16617	3984	825	11647	2406	-66	2173	129	3.35%	
QUITMAN	2513	1213	34	1265	1999	906	21	1072	-85	-14	24	91	11.17%	Eufaula, AL-
RABUN	16276	216	1301	14468	12847	104	819	11728	1226	70	1083	26	33.33%	
RANDOLPH	7719	4809	119	2781	5991	3532	89	2366	-72	161	329	385	12.23%	
RICHMOND	200549	111991	8207	76236	151244	78601	5630	63232	774	10663	5077	10870	16.05%	Augusta-Richmond C
ROCKDALE	85215	40736	8063	34826	62301	27292	5017	28709	15104	27644	11478	18911	225.64%	**Atlanta-Sandy Spring**
SCHLEY	5010	1180	161	3612	3507	810	82	2579	1244	-14	844	33	4.25%	Americus,
SCREVEN	14593	6424	180	7898	10903	4470	106	6241	-781	-571	-180	-210	-4.49%	
SEMINOLE	8729	2960	204	5516	6725	2066	124	4489	-640	-303	-194	4	0.19%	
SPALDING	64073	21628	2451	38986	47862	14759	1612	30775	5656	3287	5377	2792	23.33%	**Atlanta-Sandy Spring**
STEPHENS	26175	3140	633	22006	20223	2153	363	17423	740	-8	755	-12	-0.55%	Toccoa,
STEWART	6058	2898	1454	1655	5109	2204	1438	1421	806	-363	1164	-132	-5.65%	Columbus, -AL
SUMTER	32819	17200	1717	13413	24518	11874	1098	11129	-381	841	550	1118	10.39%	Americus,
TALBOT	6865	4109	91	2639	5401	3081	66	2228	367	72	473	139	4.72%	Columbus, -AL
TALIAFERRO	1717	1043	35	625	1394	831	20	533	-360	-218	-183	-82	-8.98%	
TATTNALL	25520	7626	2502	15196	20114	6234	1598	12120	3215	542	2917	724	13.14%	

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TAYLOR	8906	3548	164	5123	6728	2615	112	3944	91	-230	282	66	2.59%	
TELFAIR	16500	6134	2026	8429	13184	4730	1838	6720	4706	1566	4043	1319	38.67%	
TERRELL	9315	5764	157	3366	7011	4033	105	2854	-1655	-929	-845	-361	-8.22%	Albany,
THOMAS	44720	16739	1275	26081	33583	11915	793	20401	1983	-6	2447	673	5.99%	Thomasville,
TIFT	40118	11875	4037	23555	29758	8160	2376	18742	1711	995	1810	1146	16.34%	Tifton,
TOOMBS	27223	6949	3055	16887	19608	4484	1779	13099	1156	591	984	465	11.57%	Vidalia,
TOWNS	10471	53	206	10102	8830	43	149	8559	1152	36	1028	27	168.75%	
TREUTLEN	6885	2281	103	4466	5172	1583	70	3499	31	-2	99	22	1.41%	Dublin,
TROUP	67044	22972	2170	40408	49242	15769	1359	31106	8265	4053	6836	3280	26.26%	LaGrange, -AL
TURNER	8930	3745	282	4820	6727	2612	175	3879	-574	-160	20	156	6.35%	
TWIGGS	9023	3785	124	5059	7167	2898	89	4130	-1567	-863	-564	-306	-9.55%	Macon-Bibb County,
UNION	21356	116	519	20345	17563	81	347	16853	4067	5	3733	-10	-10.99%	
UPSON	27153	7752	588	18522	20736	5575	375	14562	-444	-5	171	192	3.57%	Thomaston,
WALKER	68756	3296	1113	63343	52500	2215	673	48872	7703	838	6563	523	30.91%	Chattanoo, TN-
WALTON	83768	13718	2683	65677	61180	9097	1619	49336	23081	4821	17716	3338	57.96%	**Atlanta-Sandy Spring**
WARE	36312	11010	1207	23583	27755	7849	764	18749	829	978	1076	927	13.39%	Waycross,
WARREN	5834	3624	54	2133	4461	2589	36	1815	-502	-159	-205	19	0.74%	
WASHINGTON	21187	11323	407	9339	16141	8286	299	7477	11	-2	669	483	6.19%	
WAYNE	30099	6298	1719	21749	22638	4543	1181	16655	3534	817	2964	679	17.57%	Jesup,
WEBSTER	2799	1201	98	1492	2089	861	49	1173	409	76	302	45	5.51%	
WHEELER	7421	2647	356	4405	6022	2219	253	3548	1242	578	1226	639	40.44%	
WHITE	27144	568	647	25453	20944	380	370	19852	7200	101	5622	36	10.47%	
WHITFIELD	102599	4519	32471	63818	73316	3063	18717	50242	19074	1015	12625	718	30.62%	Dalton,
WILCOX	9255	3305	338	5544	7468	2694	261	4470	678	183	844	358	15.33%	
WILKES	10593	4640	361	5495	8237	3457	218	4505	-94	-2	111	41	1.20%	
WILKINSON	9563	3720	214	5529	7239	2693	137	4340	-657	-477	-198	-146	-5.14%	
WORTH	21679	6091	335	15044	16336	4249	217	11699	-288	-441	653	120	2.91%	Albany,
Total	**9687653**	**3054098**	**853689**	**5413920**	**7196101**	**2140789**	**539002**	**4242514**	**1501200**	**660673**	**1178882**	**517311**	**24.16%**	

EXHIBIT G-4

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
APPLING	17419	3450	792	13053	12690	2259	513	9826	1675	182	1530	299	15.26%	
ATKINSON	7609	1506	1290	4760	5301	1025	750	3487	1396	-152	950	-23	-2.19%	Douglas,
BACON	10103	1627	342	8068	7455	996	235	6176	537	147	747	163	19.57%	
BAKER	4074	2062	111	1889	2961	1407	64	1482	459	201	426	204	16.96%	
BALDWIN	44700	19573	607	23920	34979	14341	430	19749	5170	2867	4607	2322	19.32%	Milledgeville,
BANKS	14422	477	493	13256	10646	340	309	9856	4114	113	3075	82	31.78%	
BARROW	46144	4675	1460	38543	33019	3115	961	28072	16423	1321	11612	873	38.94%	**Atlanta-Sandy Spring**
BARTOW	76019	6829	2524	65644	54820	4541	1631	47917	20108	1803	14285	1042	29.78%	**Atlanta-Sandy Spring**
BEN HILL	17484	5754	800	10818	12675	3742	565	8287	1239	666	1412	663	21.53%	Fitzgerald,
BERRIEN	16235	1882	384	13761	11811	1198	220	10252	2082	234	1567	189	18.73%	
BIBB	153887	73402	2023	76262	113007	48994	1392	60951	3920	10876	2903	7252	17.37%	Macon-Bibb County,
BLECKLEY	11666	2891	107	8505	8565	1878	76	6503	1236	559	884	382	25.53%	
BRANTLEY	14629	612	152	13712	10484	396	96	9879	3552	16	2772	17	4.49%	Brunswick,
BROOKS	16450	6529	505	9303	12025	4267	360	7329	1052	139	1219	345	8.80%	Valdosta,
BRYAN	23417	3431	465	19138	16128	2201	284	13367	7979	1138	5694	755	52.21%	Savannah,
BULLOCH	55983	16271	1052	37998	43503	11800	816	30318	12858	5045	10215	4275	56.81%	Statesboro,
BURKE	22243	11421	316	10336	15289	7227	196	7735	1664	665	1539	675	10.30%	Augusta-Richmond C
BUTTS	19522	5705	277	13366	14823	4194	196	10298	4196	267	3444	308	7.93%	**Atlanta-Sandy Spring**
CALHOUN	6320	3845	189	2368	4925	2908	155	1939	1307	892	1368	968	49.90%	
CAMDEN	43664	9077	1585	31975	29832	5655	975	22486	13497	2998	8815	1592	39.18%	St. Marys,
CANDLER	9577	2623	882	6028	7009	1796	594	4592	1833	218	1369	233	14.91%	
CARROLL	87268	14647	2243	69258	64638	9952	1625	52256	15846	3416	12357	2350	30.91%	**Atlanta-Sandy Spring**
CATOOSA	53282	767	621	51013	39526	455	392	38065	10818	410	8085	197	76.36%	Chattanoo, TN-
CHARLTON	10282	3057	81	7014	7456	2157	48	5154	1786	702	1601	675	45.55%	
CHATHAM	232048	95242	5403	125802	173965	64328	3822	101588	15113	12634	14316	9112	16.50%	Savannah,
CHATTAHOOCHEE	14882	4701	1551	8181	10656	3068	1042	6209	-2052	-534	-1548	-502	-14.06%	Columbus, -AL
CHATTOOGA	25470	2960	537	21776	19636	2339	396	16774	3228	1019	3088	1002	74.94%	Summerville,
CHEROKEE	141903	3851	7695	127618	101793	2482	5281	92111	51699	2158	36932	1277	105.98%	**Atlanta-Sandy Spring**
CLARKE	101489	28165	6436	62895	83381	19433	4529	56121	13895	5230	13339	4138	27.05%	Athens-Clarke Count
CLAY	3357	2044	32	1282	2493	1377	17	1096	-7	0	112	46	3.46%	
CLAYTON	236517	124550	17728	82637	165596	79831	11823	65444	54465	81147	34399	51042	177.30%	**Atlanta-Sandy Spring**
CLINCH	6878	2057	54	4713	4962	1355	32	3537	718	375	646	317	30.54%	
COBB	607751	118229	46964	417947	449345	79717	32367	319272	160006	74075	114844	48983	159.38%	**Atlanta-Sandy Spring**

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
COFFEE	37413	9806	2550	24701	26831	6499	1609	18475	7821	2302	6093	1820	38.90%	Douglas,
COLQUITT	42053	9989	4554	27252	30510	6377	3037	20906	5408	1128	4242	986	18.29%	Moultrie,
COLUMBIA	89288	10375	2313	72438	62858	6886	1463	51640	23257	3093	16971	1741	33.84%	Augusta-Richmond C
COOK	15771	4645	485	10526	11318	2925	307	7987	2315	614	1723	405	16.07%	
COWETA	89215	16286	2797	68867	63573	10644	2072	49992	35362	4092	25071	2676	33.58%	**Atlanta-Sandy Spring**
CRAWFORD	12495	3019	301	9037	9047	2143	235	6572	3504	262	2597	239	12.55%	Macon-Bibb County,
CRISP	21996	9624	382	11778	15618	5990	274	9193	1985	1471	1602	1072	21.80%	Cordele,
DADE	15154	103	137	14685	11541	86	90	11198	2007	2	1816	8	10.26%	Chattanoo, TN-
DAWSON	15999	73	254	15429	11991	39	180	11598	6570	69	5177	37	1850.00%	**Atlanta-Sandy Spring**
DECATUR	28240	11353	905	15800	20178	7372	565	12097	2729	1283	2267	996	15.62%	Bainbridge,
DEKALB	665865	368516	52542	214685	501887	253585	39251	185270	120028	138091	85603	96167	61.09%	**Atlanta-Sandy Spring**
DODGE	19171	5670	248	13142	14192	3822	162	10126	1564	806	1145	485	14.53%	
DOOLY	11525	5743	537	5161	8577	4032	339	4135	1624	891	1666	1013	33.55%	
DOUGHERTY	96065	58154	1292	35794	69489	38854	874	29091	-246	9767	2495	8532	28.14%	Albany,
DOUGLAS	92174	17653	2640	69965	66739	11530	1679	52179	21054	12056	15768	7868	214.86%	**Atlanta-Sandy Spring**
EARLY	12354	5996	152	6159	8813	3805	86	4877	500	770	523	591	18.39%	
ECHOLS	3754	261	739	2688	2654	169	501	1936	1420	-3	1017	18	11.92%	Valdosta,
EFFINGHAM	37535	4985	531	31493	26301	3197	324	22422	11848	1365	8589	894	38.82%	Savannah,
ELBERT	20511	6360	489	13505	15209	4324	372	10407	1562	642	1348	531	14.00%	
EMANUEL	21837	7318	745	13663	15762	4662	562	10451	1291	637	1461	683	17.17%	
EVANS	10495	3477	625	6333	7611	2294	435	4837	1771	514	1445	435	23.40%	
FANNIN	19798	32	130	19312	15654	20	88	15314	3806	27	3369	16	400.00%	
FAYETTE	91263	10832	2582	74820	64709	7086	1702	53926	28848	7452	20521	4849	216.76%	**Atlanta-Sandy Spring**
FLOYD	90565	12345	4983	71674	68329	8333	3288	55597	9314	1239	6547	926	12.50%	Rome,
FORSYTH	98407	770	5477	90820	70941	533	3787	65662	54324	756	38231	519	3707.14%	**Atlanta-Sandy Spring**
FRANKLIN	20285	1837	187	18064	15431	1273	132	13880	3635	156	2734	156	13.97%	
FULTON	816006	369014	48056	369997	616716	261196	35704	297707	167055	45006	124950	35953	15.96%	**Atlanta-Sandy Spring**
GILMER	23456	76	1815	21287	17753	43	1200	16301	10088	39	7749	9	26.47%	
GLASCOCK	2556	218	12	2309	1947	163	6	1761	199	-80	145	-63	-27.88%	
GLYNN	67568	18147	2019	46566	50460	11922	1380	36533	5072	2206	4207	1562	15.08%	Brunswick,
GORDON	44104	1633	3268	38642	32606	1104	2318	28782	9032	312	7032	214	24.04%	Calhoun,
GRADY	23659	7207	1222	14954	17206	4708	827	11473	3380	812	2653	572	13.83%	
GREENE	14406	6434	420	7481	10792	4284	267	6181	2613	547	2609	626	17.11%	

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
GWINNETT	588448	81804	64137	394164	422455	54593	44167	289400	235538	63629	168259	41685	322.94%	**Atlanta-Sandy Spring**
HABERSHAM	35902	1708	2750	30486	27471	1378	1707	23711	8281	154	6384	13	0.95%	Cornelia,
HALL	139277	10486	27242	98942	101760	7092	17424	75382	43849	2291	30791	1607	29.30%	inesville,
HANCOCK	10076	7855	54	2141	7651	5697	44	1885	1168	778	1536	1128	24.69%	Milledgeville,
HARALSON	25690	1443	143	23799	18992	966	97	17691	3724	16	2848	7	0.73%	**Atlanta-Sandy Spring**
HARRIS	23695	4662	260	18444	17630	3344	186	13853	5907	91	4342	82	2.51%	Columbus, -AL
HART	22997	4517	196	18087	17595	3121	137	14205	3285	515	2774	529	20.41%	
HEARD	11012	1221	116	9580	7848	856	65	6856	2384	58	1669	92	12.04%	**Atlanta-Sandy Spring**
HENRY	119341	17976	2692	95550	84480	11865	1690	68770	60600	11908	41955	7570	176.25%	**Atlanta-Sandy Spring**
HOUSTON	110765	28046	3363	76391	79549	18390	2252	56784	21557	8670	15523	6073	49.31%	Warner Robins,
IRWIN	9931	2585	202	7102	7071	1610	126	5309	1282	-45	904	-14	-0.86%	
JACKSON	41589	3356	1249	36314	30518	2423	793	26894	11584	452	8464	372	18.14%	Jefferson,
JASPER	11426	3145	236	7964	8317	2153	153	5959	2973	205	2249	190	9.68%	**Atlanta-Sandy Spring**
JEFF DAVIS	12684	1932	651	9992	9230	1302	436	7407	652	98	575	89	7.34%	
JEFFERSON	17266	9756	259	7215	12363	6553	185	5607	-142	56	203	293	4.68%	
JENKINS	8575	3496	287	4766	6132	2280	203	3634	328	84	320	126	5.85%	
JOHNSON	8560	3168	78	5307	5981	1891	54	4034	231	329	91	167	9.69%	Dublin,
JONES	23639	5569	169	17649	17228	4052	102	12888	2900	252	2277	344	9.28%	Macon-Bibb County,
LAMAR	15912	4895	172	10683	12013	3496	128	8274	2874	453	2419	468	15.46%	**Atlanta-Sandy Spring**
LANIER	7241	1878	126	5122	5258	1288	80	3811	1710	408	1343	341	36.01%	Valdosta,
LAURENS	44874	15619	529	28199	32829	10443	334	21689	4886	2315	4099	1883	22.00%	Dublin,
LEE	24757	3889	300	20203	17168	2722	178	14023	8507	754	6134	547	25.15%	Albany,
LIBERTY	61610	27467	5022	27244	41916	17267	3181	20050	8865	6812	5214	3843	28.63%	Hinesville,
LINCOLN	8348	2883	81	5321	6311	2061	54	4149	906	57	857	147	7.68%	Augusta-Richmond C
LONG	10304	2576	870	6678	6893	1560	541	4687	4102	1234	2571	699	81.18%	Hinesville,
LOWNDES	92115	31767	2447	55992	67981	21440	1655	43485	16134	7526	13241	5744	36.60%	Valdosta,
LUMPKIN	21016	343	728	19381	15914	244	447	14812	6443	105	4889	68	38.64%	
MACON	21231	8045	284	12795	15315	5314	167	9717	1112	725	1107	610	12.97%	
MADISON	10847	4042	99	6607	7805	2664	55	5007	2213	323	1594	150	5.97%	Athens-Clarke Count
MARION	14074	8419	364	5184	10187	5857	233	4011	960	725	1215	900	18.16%	
MCDUFFIE	25730	2216	507	22713	18966	1513	307	16936	4680	367	3532	233	18.20%	Augusta-Richmond C
MCINTOSH	7144	2465	413	4182	5119	1636	294	3128	1554	159	1127	93	6.03%	Brunswick,
MERIWETHER	22534	9560	191	12579	16536	6503	134	9747	123	-429	665	57	0.88%	**Atlanta-Sandy Spring**

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
MILLER	6383	1848	44	4456	4705	1188	26	3465	103	122	155	96	8.79%	
MITCHELL	23932	11524	491	11746	17392	7827	294	9137	3657	1877	3545	1929	32.71%	
MONROE	21757	6127	281	15150	16044	4423	188	11288	4644	721	3557	574	14.91%	Macon-Bibb County,
MONTGOMERY	8270	2262	271	5684	6199	1669	162	4325	1107	236	898	233	16.23%	Vidalia,
MORGAN	15457	4481	248	10619	11351	3114	159	7996	2574	22	2030	17	0.55%	**Atlanta-Sandy Spring**
MURRAY	36506	304	2006	33890	26302	169	1223	24692	10359	263	7573	145	604.17%	Dalton,
MUSCOGEE	186291	83157	8372	90668	136289	55832	5772	71510	7013	14996	5452	10698	23.70%	Columbus, -AL
NEWTON	62001	14008	1157	46007	44844	9228	741	34274	20193	4651	14712	2995	48.05%	**Atlanta-Sandy Spring**
OCONEE	26225	1731	833	23112	18294	1164	520	16259	8607	416	5734	301	34.88%	Athens-Clarke Count
OGLETHORPE	12635	2548	174	9817	9377	1790	115	7401	2872	129	2167	153	9.35%	Athens-Clarke Count
PAULDING	81678	5952	1398	73188	56599	3739	845	51262	40067	4304	27099	2640	240.22%	**Atlanta-Sandy Spring**
PEACH	23668	10816	998	11654	17505	7886	663	8812	2479	741	2081	809	11.43%	Warner Robins,
PICKENS	22983	308	467	21897	17570	211	313	16827	8551	61	6754	32	17.88%	**Atlanta-Sandy Spring**
PIERCE	15636	1746	357	13425	11467	1165	231	10009	2308	177	1892	135	13.11%	Waycross,
PIKE	13688	2056	167	11350	9909	1510	99	8229	3464	3	2479	61	4.21%	**Atlanta-Sandy Spring**
POLK	38127	5209	2921	29684	28190	3523	1862	22577	4312	418	3315	323	10.09%	Cedartown,
PULASKI	9588	3313	270	5932	7372	2433	174	4713	1480	681	1448	713	41.45%	
PUTNAM	18812	5703	407	12471	14444	3855	282	10163	4675	955	3945	699	22.15%	
QUITMAN	2598	1227	13	1351	1975	815	8	1142	389	120	336	83	11.34%	Eufaula, AL-
RABUN	15050	146	683	14023	11764	78	456	11086	3402	105	2674	40	105.26%	
RANDOLPH	7791	4648	92	3016	5662	3147	58	2427	-232	3	-4	185	6.25%	
RICHMOND	199775	101328	5545	88660	146167	67731	3794	71158	10056	21689	7921	15059	28.59%	Augusta-Richmond C
ROCKDALE	70111	13092	4182	50967	50823	8381	2961	38183	16020	8737	12059	5524	193.35%	**Atlanta-Sandy Spring**
SCHLEY	3766	1194	89	2462	2663	777	52	1825	178	-28	91	-35	-4.31%	Americus,
SCREVEN	15374	6995	147	8182	11083	4680	94	6268	1532	786	1294	732	18.54%	
SEMINOLE	9369	3263	347	5734	6919	2062	225	4598	359	320	274	226	12.31%	
SPALDING	58417	18341	947	38435	42485	11967	632	29386	3960	2556	3338	1839	18.16%	**Atlanta-Sandy Spring**
STEPHENS	25435	3148	250	21673	19468	2165	165	16880	2178	361	1819	244	12.70%	Toccoa,
STEWART	5252	3261	79	1926	3945	2336	45	1567	-402	-317	-164	-146	-5.88%	Columbus, -AL
SUMTER	33200	16359	891	15672	23968	10756	600	12389	2972	2314	2575	1879	21.17%	Americus,
TALBOT	6498	4037	82	2354	4928	2942	62	1909	-26	-30	171	134	4.77%	Columbus, -AL
TALIAFERRO	2077	1261	19	787	1577	913	13	649	162	94	192	114	14.27%	
TATTNALL	22305	7084	1883	13218	17197	5510	1219	10380	4583	1907	3758	1723	45.50%	

County (Metro Atlanta in Bold)	2000 Pop	AP Black	Latino	NH White	18+ Pop	18+ AP Bla	18+ Latinc	NH18+ White	1990 -2000 Change Pop Change	Black Pop Change	18+ Pop Change	Black 18+Pop change	% Black 18+Pop change	MSAs
TAYLOR	8815	3778	163	4847	6446	2549	125	3746	1173	478	940	375	17.25%	
TELFAIR	11794	4568	215	6993	9141	3411	170	5542	794	795	1186	936	37.82%	
TERRELL	10970	6693	136	4101	7856	4394	88	3341	317	316	367	359	8.90%	Albany,
THOMAS	42737	16745	734	24875	31136	11242	471	19129	3751	1986	3309	1684	17.62%	Thomasville,
TIFT	38407	10880	2944	24092	27948	7014	1923	18625	3409	1509	3008	1245	21.58%	Tifton,
TOOMBS	26067	6358	2310	17226	18624	4019	1406	13069	1995	721	1648	530	15.19%	Vidalia,
TOWNS	9319	17	67	9159	7802	16	57	7673	2565	17	2224	16	#DIV/0!	
TREUTLEN	6854	2283	79	4463	5073	1561	58	3433	860	299	782	283	22.14%	Dublin,
TROUP	58779	18919	1004	38261	42406	12489	695	28827	3243	2225	2376	1564	14.32%	LaGrange, -AL
TURNER	9504	3905	244	5315	6707	2456	180	4040	801	371	724	445	22.13%	
TWIGGS	10590	4648	112	5784	7731	3204	83	4407	784	147	922	284	9.73%	Macon-Bibb County,
UNION	17289	111	153	16837	13830	91	125	13474	5296	92	4510	76	506.67%	
UPSON	27597	7757	327	19271	20565	5383	222	14788	1297	485	944	357	7.10%	Thomaston,
WALKER	61053	2458	565	57336	45937	1692	364	43356	2713	212	2620	31	1.87%	Chattanoo, TN-
WALTON	60687	8897	1163	49731	43464	5759	775	36362	22101	1792	15610	1032	21.83%	**Atlanta-Sandy Spring**
WARE	35483	10032	688	24434	26679	6922	445	19098	12	794	708	821	13.46%	Waycross,
WARREN	6336	3783	51	2483	4666	2570	27	2050	258	127	305	197	8.30%	
WASHINGTON	21176	11325	134	9620	15472	7803	86	7511	2064	1451	1993	1288	19.77%	
WAYNE	26565	5481	1013	19838	19674	3864	720	14922	4209	1123	3813	1154	42.58%	Jesup,
WEBSTER	2390	1125	66	1186	1787	816	43	916	127	-7	149	29	3.68%	
WHEELER	6179	2069	219	3866	4796	1580	150	3046	1276	595	1301	655	70.81%	
WHITE	19944	467	311	18804	15322	344	209	14516	6938	107	5307	87	33.85%	
WHITFIELD	83525	3504	18419	60338	60691	2345	11396	46058	11063	603	7164	330	16.38%	Dalton,
WILCOX	8577	3122	139	5299	6624	2336	92	4178	1569	897	1602	942	67.58%	
WILKES	10687	4642	212	5758	8126	3416	164	4495	90	-267	337	30	0.89%	
WILKINSON	10220	4197	101	5893	7437	2839	74	4501	-8	-105	218	87	3.16%	
WORTH	21967	6532	240	14999	15683	4129	140	11267	2222	481	1928	420	11.32%	Albany,
Total	**8186453**	**2393425**	**435227**	**5128661**	**6017219**	**1623478**	**299258**	**3925585**	**1708237**	**646860**	**1266306**	**455336**		

EXHIBIT H

Georgia Senate
Benchmark_2014
Region A
Region B
0 7.5 15
Miles
District by BVAP
038 64.0%
042 24.3%
055 70.0%
046 16.9%
20.6%
035 1.4%
043 68.7%
010 75.0%
034 68.3%
017 41.7%
025 28.5%
016 22.0%
026 60.1%
023 35.6%
018 30.8%
015 56.7%
020 30.5%
004 23.8%
DEKALB
East Point
WALTON
Monroe
OGLETHORPE
WILKES
Washington
LINCOLN
Edgefield
GREENE
Greensboro
Madison
MORGAN
TALIAFERRO
COLUM
MCDUFFIE
WARREN
NEWTON
Covington
FAYETTE
Peachtree City
McDonough
HENRY
JASPER
Eatonton
PUTNAM
HANCOCK
GLASCOCK
SPALDING
Jackson
BUTTS
PIKE
LAMAR
BALDWIN
Milledgeville
JEFFERSON
Waynesboro
BURKE
Forsyth
JONES
Sandersville
WASHINGTON
UPSON
Thomaston
MONROE
Manchester
Macon
BIBB
WILKINSON
JENKINS
Millen
Sylvania
SCREVEN
TALBOT
CRAWFORD
TWIGGS
Warner Robins
JOHNSON
EMANUEL
Swainsboro
TAYLOR
Butler
PEACH
Dublin
BULLOCH
Statesboro
Perry
HOUSTON
Cochran
LAURENS
TREUTLEN
Soperton
Metter
CANDLER
MARION
MACON
Montezuma
SCHLEY
Hawkinsville
PULASKI
Eastman
DODGE
Vidalia
TOOMBS
EVANS
BRYAN
DOOLY
WHEELER
Richland
WEBSTER
Americus
SUMTER
WILCOX
CRISP
Cordele
TELFAIR
TATTNALL
LIBERTY
LONG
©2019 CALIPER; ©2018 HERE

EXHIBIT I-1

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senate14
Type: Senate

Legislative & Congressional Reapportionment Office
Georgia General Assembly

Map layers
Districts
County
0 20 40 60
Miles

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senate14
Type: Senate

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senate14
Type: Senate

Georgia Senate Districts- effective for 2014 election

Client: State
Plan: Senate14
Type: Senate

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
001		171,350	-1,644	-0.95%	37,852	22.09%	2,493	40,345	23.55%	10,252	5.98%
	VAP	127,614			26,202	20.53%	878	27,080	21.22%	6,353	4.98%
002		172,067	-927	-0.54%	92,824	53.95%	2,226	95,050	55.24%	9,860	5.73%
	VAP	132,543			66,470	50.15%	1,050	67,520	50.94%	6,981	5.27%
003		171,952	-1,042	-0.60%	39,606	23.03%	1,755	41,361	24.05%	8,534	4.96%
	VAP	129,192			28,065	21.72%	585	28,650	22.18%	5,463	4.23%
004		173,075	81	0.05%	41,571	24.02%	1,245	42,816	24.74%	8,958	5.18%
	VAP	131,149			30,454	23.22%	468	30,922	23.58%	5,691	4.34%
005		172,513	-481	-0.28%	49,881	28.91%	2,901	52,782	30.60%	71,815	41.63%
	VAP	119,904			33,732	28.13%	1,292	35,024	29.21%	45,746	38.15%
006		173,708	714	0.41%	39,863	22.95%	2,400	42,263	24.33%	24,754	14.25%
	VAP	137,161			30,590	22.30%	1,349	31,939	23.29%	16,160	11.78%
007		171,498	-1,496	-0.86%	39,294	22.91%	1,115	40,409	23.56%	11,685	6.81%
	VAP	128,245			28,401	22.15%	309	28,710	22.39%	6,972	5.44%
008		171,383	-1,611	-0.93%	56,380	32.90%	1,515	57,895	33.78%	9,198	5.37%
	VAP	128,253			40,080	31.25%	592	40,672	31.71%	5,852	4.56%
009		173,867	873	0.50%	34,699	19.96%	2,110	36,809	21.17%	18,207	10.47%
	VAP	125,254			22,663	18.09%	832	23,495	18.76%	11,604	9.26%
010		172,386	-608	-0.35%	118,775	68.90%	2,614	121,389	70.42%	7,140	4.14%
	VAP	125,304			84,709	67.60%	1,289	85,998	68.63%	4,386	3.50%
011		172,584	-410	-0.24%	57,123	33.10%	959	58,082	33.65%	13,703	7.94%
	VAP	127,856			39,947	31.24%	352	40,299	31.52%	8,305	6.50%
012		173,031	37	0.02%	107,565	62.17%	1,262	108,827	62.89%	6,147	3.55%
	VAP	130,495			76,605	58.70%	556	77,161	59.13%	4,550	3.49%
013		171,539	-1,455	-0.84%	55,521	32.37%	951	56,472	32.92%	8,156	4.75%
	VAP	128,351			39,341	30.65%	314	39,655	30.90%	5,009	3.90%
014		173,151	157	0.09%	15,505	8.95%	1,636	17,141	9.90%	18,976	10.96%
	VAP	126,557			10,603	8.38%	465	11,068	8.75%	11,707	9.25%
015		173,280	286	0.17%	96,128	55.48%	2,958	99,086	57.18%	10,633	6.14%
	VAP	128,462			69,203	53.87%	1,220	70,423	54.82%	6,935	5.40%

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
016		172,012	-982	-0.57%	35,797	20.81%	1,478	37,275	21.67%	7,128	4.14%
	VAP	127,450			25,465	19.98%	519	25,984	20.39%	4,552	3.57%
017		171,822	-1,172	-0.68%	51,053	29.71%	2,106	53,159	30.94%	7,980	4.64%
	VAP	121,373			33,663	27.74%	747	34,410	28.35%	4,852	4.00%
018		172,982	-12	-0.01%	48,323	27.94%	1,242	49,565	28.65%	6,126	3.54%
	VAP	132,567			35,668	26.91%	447	36,115	27.24%	3,906	2.95%
019		173,261	267	0.15%	45,980	26.54%	1,751	47,731	27.55%	15,524	8.96%
	VAP	128,915			33,460	25.96%	529	33,989	26.37%	10,084	7.82%
020		173,859	865	0.50%	50,174	28.86%	1,700	51,874	29.84%	7,596	4.37%
	VAP	128,979			35,317	27.38%	567	35,884	27.82%	4,759	3.69%
021		174,508	1,514	0.88%	11,300	6.48%	1,358	12,658	7.25%	11,742	6.73%
	VAP	125,212			7,721	6.17%	489	8,210	6.56%	7,457	5.96%
022		171,645	-1,349	-0.78%	101,076	58.89%	2,998	104,074	60.63%	7,217	4.20%
	VAP	129,039			71,660	55.53%	1,337	72,997	56.57%	4,982	3.86%
023		171,559	-1,435	-0.83%	62,136	36.22%	1,544	63,680	37.12%	5,511	3.21%
	VAP	128,048			43,718	34.14%	496	44,214	34.53%	3,559	2.78%
024		172,595	-399	-0.23%	33,638	19.49%	1,599	35,237	20.42%	6,943	4.02%
	VAP	129,147			24,539	19.00%	470	25,009	19.36%	4,236	3.28%
025		174,016	1,022	0.59%	52,329	30.07%	1,171	53,500	30.74%	5,684	3.27%
	VAP	134,483			38,282	28.47%	378	38,660	28.75%	3,698	2.75%
026		171,351	-1,643	-0.95%	103,229	60.24%	1,561	104,790	61.16%	5,003	2.92%
	VAP	126,588			72,782	57.50%	626	73,408	57.99%	3,298	2.61%
027		172,726	-268	-0.15%	4,490	2.60%	778	5,268	3.05%	16,179	9.37%
	VAP	120,121			2,998	2.50%	277	3,275	2.73%	10,177	8.47%
028		172,358	-636	-0.37%	28,697	16.65%	1,436	30,133	17.48%	9,562	5.55%
	VAP	126,140			20,138	15.96%	414	20,552	16.29%	6,218	4.93%
029		173,911	917	0.53%	45,511	26.17%	1,733	47,244	27.17%	7,317	4.21%
	VAP	131,011			32,576	24.87%	552	33,128	25.29%	4,795	3.66%
030		172,531	-463	-0.27%	33,612	19.48%	2,207	35,819	20.76%	10,302	5.97%
	VAP	125,663			23,275	18.52%	700	23,975	19.08%	6,291	5.01%

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
031		174,298	1,304	0.75%	23,616	13.55%	1,798	25,414	14.58%	10,762	6.17%
	VAP	124,828			15,799	12.66%	511	16,310	13.07%	6,220	4.98%
032		174,271	1,277	0.74%	14,817	8.50%	1,334	16,151	9.27%	9,811	5.63%
	VAP	130,854			10,791	8.25%	542	11,333	8.66%	6,539	5.00%
033		174,114	1,120	0.65%	62,936	36.15%	3,058	65,994	37.90%	33,571	19.28%
	VAP	128,718			43,422	33.73%	1,379	44,801	34.81%	20,775	16.14%
034		173,063	69	0.04%	108,169	62.50%	2,853	111,022	64.15%	24,642	14.24%
	VAP	123,516			75,265	60.94%	1,375	76,640	62.05%	15,146	12.26%
035		173,728	734	0.42%	107,338	61.79%	3,013	110,351	63.52%	13,774	7.93%
	VAP	122,650			72,472	59.09%	1,309	73,781	60.16%	8,213	6.70%
036		172,083	-911	-0.53%	103,348	60.06%	2,338	105,686	61.42%	12,232	7.11%
	VAP	137,631			78,481	57.02%	1,630	80,111	58.21%	8,800	6.39%
037		172,832	-162	-0.09%	30,548	17.67%	1,919	32,467	18.79%	13,258	7.67%
	VAP	126,053			20,606	16.35%	802	21,408	16.98%	8,429	6.69%
038		174,530	1,536	0.89%	110,537	63.33%	2,421	112,958	64.72%	17,411	9.98%
	VAP	129,186			80,556	62.36%	1,289	81,845	63.35%	10,835	8.39%
039		173,809	815	0.47%	110,761	63.73%	2,303	113,064	65.05%	9,651	5.55%
	VAP	139,465			83,562	59.92%	1,557	85,119	61.03%	6,962	4.99%
040		173,539	545	0.32%	26,747	15.41%	1,754	28,501	16.42%	36,807	21.21%
	VAP	133,946			20,482	15.29%	1,010	21,492	16.05%	25,354	18.93%
041		173,452	458	0.26%	90,037	51.91%	2,732	92,769	53.48%	23,281	13.42%
	VAP	127,577			64,136	50.27%	1,444	65,580	51.40%	14,850	11.64%
042		172,447	-547	-0.32%	42,913	24.88%	1,779	44,692	25.92%	24,229	14.05%
	VAP	138,757			33,570	24.19%	1,094	34,664	24.98%	16,922	12.20%
043		172,105	-889	-0.51%	105,035	61.03%	2,631	107,666	62.56%	12,251	7.12%
	VAP	123,175			71,792	58.28%	1,213	73,005	59.27%	7,461	6.06%
044		174,464	1,470	0.85%	122,966	70.48%	2,787	125,753	72.08%	14,561	8.35%
	VAP	127,853			87,966	68.80%	1,378	89,344	69.88%	9,051	7.08%
045		173,558	564	0.33%	24,226	13.96%	1,927	26,153	15.07%	22,225	12.81%
	VAP	120,526			15,902	13.19%	691	16,593	13.77%	13,760	11.42%

Plan Name: **Senate14** Plan Type : **Senate** User: **Gina** Administrator: **State**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
046		174,230	1,236	0.71%	30,244	17.36%	1,313	31,557	18.11%	8,606	4.94%
	VAP	135,912			21,845	16.07%	563	22,408	16.49%	5,673	4.17%
047		174,417	1,423	0.82%	25,803	14.79%	1,534	27,337	15.67%	16,455	9.43%
	VAP	129,264			18,117	14.02%	489	18,606	14.39%	9,911	7.67%
048		171,240	-1,754	-1.01%	25,398	14.83%	1,929	27,327	15.96%	21,232	12.40%
	VAP	122,833			17,133	13.95%	794	17,927	14.59%	13,645	11.11%
049		173,823	829	0.48%	12,877	7.41%	1,070	13,947	8.02%	44,504	25.60%
	VAP	125,571			9,143	7.28%	322	9,465	7.54%	25,911	20.63%
050		171,792	-1,202	-0.69%	9,219	5.37%	1,099	10,318	6.01%	13,621	7.93%
	VAP	131,117			6,960	5.31%	256	7,216	5.50%	7,940	6.06%
051		173,593	599	0.35%	1,471	0.85%	498	1,969	1.13%	7,454	4.29%
	VAP	136,858			1,128	0.82%	148	1,276	0.93%	4,570	3.34%
052		172,494	-500	-0.29%	19,604	11.37%	1,418	21,022	12.19%	18,234	10.57%
	VAP	128,253			13,936	10.87%	368	14,304	11.15%	10,849	8.46%
053		173,151	157	0.09%	7,102	4.10%	1,091	8,193	4.73%	3,905	2.26%
	VAP	132,044			5,563	4.21%	239	5,802	4.39%	2,345	1.78%
054		173,417	423	0.24%	4,520	2.61%	968	5,488	3.16%	38,990	22.48%
	VAP	125,379			3,377	2.69%	250	3,627	2.89%	22,395	17.86%
055		174,196	1,202	0.69%	114,253	65.59%	3,254	117,507	67.46%	11,564	6.64%
	VAP	123,203			78,012	63.32%	1,571	79,583	64.60%	6,951	5.64%
056		174,487	1,493	0.86%	26,018	14.91%	2,040	28,058	16.08%	22,826	13.08%
	VAP	129,856			19,127	14.73%	996	20,123	15.50%	14,917	11.49%

Total Population: 9,687,653

Ideal Value: 172,994

Summary Statistics

Population Range: 171,240 to 174,530

Absolute Overall Range: 3,290

Relative Range: -1.01% to 0.89%

Relative Overall Range: 1.90%

EXHIBIT I-2

Proposed Georgia Senate Districts

Client: S028
Plan: senprop1
Type: Senate

Legislative & Congressional Reapportionment Office
Georgia General Assembly

Map layers
Districts
County
0 20 40 60
Miles

EXHIBIT I-3

Georgia Senate Districts 2006

Client: State
Plan: Senate06
Type: Senate

EXHIBIT J-1

Population Summary Report

Georgia State Senate --2014 Benchmark Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*
001	198887	3.97%	152297	35451	23.28%	96772	63.54%	22.69%	5.60%	2.50%	30.79%	68.07%
002	189492	-0.94%	150134	70693	47.09%	60178	40.08%	53.43%	4.30%	1.46%	59.18%	40.00%
003	177449	-7.23%	138541	28640	20.67%	95762	69.12%	22.80%	3.18%	1.40%	27.39%	71.81%
004	193292	1.05%	147437	35090	23.80%	99258	67.32%	24.14%	2.82%	0.76%	27.72%	71.45%
005	196143	2.54%	142732	43538	30.50%	23318	16.34%	39.22%	19.37%	13.57%	72.16%	26.68%
006	210532	10.06%	172356	43196	25.06%	92734	53.80%	25.05%	5.73%	4.64%	35.42%	64.09%
007	171471	-10.36%	130540	30505	23.37%	88112	67.50%	24.31%	3.43%	0.47%	28.21%	71.23%
008	179719	-6.05%	135732	46162	34.01%	77098	56.80%	33.19%	4.02%	1.18%	38.39%	60.73%
009	208385	8.94%	154183	44050	28.57%	70409	45.67%	25.32%	8.13%	8.70%	42.15%	56.96%
010	189350	-1.01%	146159	109589	74.98%	24225	16.57%	73.45%	3.29%	2.66%	79.39%	19.99%
011	176167	-7.90%	134129	43418	32.37%	77682	57.92%	34.09%	3.11%	0.59%	37.78%	61.39%
012	156514	-18.18%	122414	76043	62.12%	39684	32.42%	63.31%	1.39%	0.68%	65.38%	34.05%
013	166659	-12.87%	128573	40500	31.50%	78559	61.10%	32.60%	2.73%	0.91%	36.23%	63.09%
014	201621	5.40%	153905	16759	10.89%	111171	72.23%	10.68%	6.08%	1.75%	18.52%	80.36%
015	167658	-12.35%	127245	72150	56.70%	43673	34.32%	55.52%	5.54%	1.20%	62.26%	36.50%
016	185112	-3.23%	142191	31282	22.00%	96558	67.91%	21.58%	3.25%	1.96%	26.79%	72.18%
017	203628	6.45%	151694	63292	41.72%	74437	49.07%	35.83%	3.75%	1.13%	40.71%	58.47%
018	181317	-5.21%	142464	43919	30.83%	87228	61.23%	30.31%	2.09%	1.11%	33.52%	65.66%
019	171580	-10.30%	130086	35842	27.55%	80326	61.75%	28.65%	4.82%	0.49%	33.95%	65.24%
020	194874	1.88%	146865	44728	30.46%	88596	60.32%	30.31%	3.34%	1.99%	35.64%	63.45%
021	213660	11.70%	161932	12410	7.66%	120173	74.21%	7.30%	4.78%	3.41%	15.49%	83.83%
022	177079	-7.43%	137131	80572	58.76%	44194	32.23%	60.81%	4.00%	1.50%	66.31%	32.82%
023	172283	-9.93%	133828	47670	35.62%	76938	57.49%	34.71%	2.44%	1.16%	38.31%	60.89%
024	201121	5.14%	152283	31388	20.61%	104217	68.44%	20.74%	3.65%	2.67%	27.06%	72.23%
025	184090	-3.76%	146057	41632	28.50%	94913	64.98%	30.11%	2.17%	0.99%	33.27%	66.32%
026	162113	-15.25%	123874	74504	60.14%	42998	34.71%	60.87%	1.71%	0.71%	63.28%	36.27%
027	247844	29.57%	178599	8702	4.87%	119868	67.12%	3.95%	5.33%	7.35%	16.63%	82.62%
028	193759	1.29%	148139	25846	17.45%	106941	72.19%	17.43%	4.00%	1.42%	22.85%	76.32%
029	190152	-0.59%	146692	41511	28.30%	89648	61.11%	28.79%	3.92%	2.16%	34.87%	64.43%
030	185628	-2.96%	140487	32442	23.09%	92957	66.17%	22.57%	3.58%	1.07%	27.23%	71.80%
031	200874	5.01%	148856	26030	17.49%	107611	72.29%	14.69%	4.17%	0.65%	19.51%	79.72%
032	191820	0.28%	146090	15068	10.31%	100623	68.88%	9.43%	4.72%	6.29%	20.45%	78.78%
033	194620	1.74%	149098	57946	38.86%	54199	36.35%	42.38%	9.42%	2.68%	54.48%	44.66%
034	193843	1.34%	143989	98409	68.34%	20582	14.29%	71.98%	5.24%	3.44%	80.65%	18.33%
035	207451	8.45%	155438	110949	71.38%	29749	19.14%	68.38%	4.15%	0.96%	73.49%	25.68%
036	194797	1.84%	160571	86374	53.79%	55677	34.67%	55.27%	3.64%	2.85%	61.76%	37.72%
037	192450	0.61%	149015	32301	21.68%	93201	62.54%	20.68%	5.28%	3.58%	29.54%	69.66%
038	194347	1.60%	149483	95641	63.98%	35249	23.58%	68.29%	4.41%	1.98%	74.69%	24.80%
039	205632	7.50%	170381	98999	58.10%	50264	29.50%	62.02%	2.97%	3.59%	68.58%	30.69%
040	195569	2.24%	151062	27069	17.92%	76038	50.34%	19.37%	6.80%	8.03%	34.21%	65.14%
041	196140	2.54%	146663	72979	49.76%	31519	21.49%	57.22%	6.08%	7.27%	70.57%	28.32%
042	188406	-1.50%	151516	36776	24.27%	82267	54.30%	27.82%	3.82%	5.74%	37.38%	61.71%
043	196565	2.76%	148422	102018	68.74%	33974	22.89%	66.24%	3.75%	1.45%	71.44%	27.81%
044	198371	3.70%	151932	110050	72.43%	22257	14.65%	74.99%	4.65%	3.54%	83.17%	15.89%
045	214703	12.24%	158272	29023	18.34%	80234	50.69%	17.75%	7.78%	10.08%	35.62%	63.70%
046	203757	6.52%	160011	27059	16.91%	113961	71.22%	18.37%	3.08%	2.76%	24.21%	75.11%
047	202081	5.64%	154098	23646	15.34%	105856	68.69%	15.67%	5.12%	2.23%	23.02%	76.30%
048	197406	3.20%	151281	28527	18.86%	57510	38.02%	20.30%	7.68%	20.19%	48.17%	50.90%
049	196756	2.86%	149277	11752	7.87%	96626	64.73%	8.65%	11.42%	2.05%	22.11%	77.08%
050	186077	-2.72%	145138	8642	5.95%	119197	82.13%	6.33%	4.30%	1.03%	11.66%	87.35%
051	193626	1.22%	158512	1962	1.24%	142807	90.09%	1.37%	2.34%	0.49%	4.20%	94.12%
052	179411	-6.21%	137797	16207	11.76%	101967	74.00%	11.79%	4.98%	0.90%	17.67%	81.60%
053	174643	-8.70%	135994	6402	4.71%	120228	88.41%	4.66%	1.45%	0.74%	6.86%	92.13%
054	176410	-7.78%	132248	4100	3.10%	95114	71.92%	3.35%	11.02%	0.79%	15.16%	83.25%
055	199509	4.30%	149542	104737	70.04%	26486	17.71%	72.06%	3.70%	1.73%	77.50%	21.77%
056	189065	-1.16%	146889	23796	16.20%	90510	61.62%	17.68%	5.90%	6.17%	29.75%	69.41%
Total 2020 Pop.	**10,711,908**	**47.75%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**					
Majority Districts					**13**			**15**			**17**	**39**

CVAP Source:
* 2015-19 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017)

Source for disaggregation: Redistricting Data Hub
https://redistrictingdatahub.org/dataset/georgia-cvap-data-disaggregated-to-the-2020-block-level-2019/

EXHIBIT J-2

Population Summary Report

Georgia State Senate -2011 Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
001	171350	-0.95%	127614	27080	21.2%	89831	70.39%	20.07%	3.90%	2.00%	25.97%
002	172067	-0.54%	132543	67520	50.9%	54497	41.12%	53.36%	2.44%	1.13%	56.93%
003	171952	-0.60%	129192	28650	22.2%	92672	71.73%	22.46%	2.43%	0.74%	25.63%
004	173075	0.05%	131149	30922	23.6%	92265	70.35%	23.57%	1.64%	0.62%	25.83%
005	172323	-0.39%	119823	34545	28.8%	27743	23.15%	37.43%	12.69%	9.70%	59.82%
006	173708	0.41%	137161	31939	23.3%	81413	59.36%	21.15%	3.24%	2.60%	26.99%
007	171777	-0.70%	128025	27351	21.4%	92252	72.06%	22.07%	2.05%	0.06%	24.18%
008	171383	-0.93%	128253	40672	31.7%	79220	61.77%	31.99%	1.87%	0.67%	34.53%
009	173867	0.50%	125254	23495	18.8%	79744	63.67%	15.89%	3.88%	6.64%	26.41%
010	172386	-0.35%	125304	85998	68.6%	31542	25.17%	67.49%	2.23%	2.05%	71.77%
011	172584	-0.24%	127856	40299	31.5%	77812	60.86%	33.06%	1.98%	0.29%	35.33%
012	172926	-0.04%	130407	77155	59.2%	47349	36.31%	59.83%	1.10%	0.36%	61.29%
013	171365	-0.94%	128659	41020	31.9%	80830	62.82%	32.27%	1.88%	0.44%	34.59%
014	173151	0.09%	126557	11068	8.8%	100580	79.47%	8.76%	3.51%	1.03%	13.30%
015	173280	0.17%	128462	70423	54.8%	49110	38.23%	52.78%	3.55%	0.80%	57.13%
016	172012	-0.57%	127450	25984	20.4%	93645	73.48%	19.93%	1.99%	0.92%	22.84%
017	171822	-0.68%	121373	34410	28.4%	79927	65.85%	24.92%	2.66%	1.07%	28.65%
018	172982	-0.01%	132567	36115	27.2%	89587	67.58%	27.40%	1.65%	0.79%	29.84%
019	173261	0.15%	128915	33989	26.4%	83563	64.82%	27.37%	3.49%	0.33%	31.19%
020	173859	0.50%	128979	35884	27.8%	84987	65.89%	27.68%	2.00%	1.32%	31.00%
021	174508	0.88%	125212	8210	6.6%	101929	81.41%	5.89%	3.15%	2.14%	11.18%
022	171645	-0.78%	129039	72997	56.6%	48103	37.28%	55.66%	3.10%	1.26%	60.02%
023	172187	-0.47%	128540	44335	34.5%	78094	60.75%	34.57%	1.03%	0.65%	36.25%
024	171967	-0.59%	128655	24888	19.3%	95312	74.08%	19.50%	2.09%	1.85%	23.44%
025	174016	0.59%	134483	38660	28.8%	89944	66.88%	29.18%	1.35%	0.51%	31.04%
026	171351	-0.95%	126588	73408	58.0%	48667	38.45%	57.89%	1.11%	0.58%	59.58%
027	172726	-0.15%	120121	3275	2.7%	98446	81.96%	2.12%	3.37%	2.78%	8.27%
028	172358	-0.37%	126140	20552	16.3%	96736	76.69%	16.18%	2.45%	0.73%	19.36%
029	173911	0.53%	131011	33128	25.3%	89031	67.96%	26.03%	2.47%	1.41%	29.91%
030	172531	-0.27%	125663	23975	19.1%	93513	74.42%	18.06%	2.19%	0.56%	20.81%
031	174298	0.75%	124828	16310	13.1%	100359	80.40%	11.74%	2.53%	0.61%	14.88%
032	174271	0.74%	130854	11333	8.7%	102432	78.28%	8.75%	2.90%	4.29%	15.94%
033	174114	0.65%	128718	44801	34.8%	59010	45.84%	36.47%	5.14%	1.63%	43.24%
034	173063	0.04%	123516	76640	62.1%	26225	21.23%	64.69%	4.28%	3.71%	72.68%
035	173728	0.42%	122650	73781	60.2%	39009	31.81%	58.56%	2.88%	1.01%	62.45%
036	172083	-0.53%	137631	80111	58.2%	45549	33.10%	58.93%	2.84%	2.36%	64.13%
037	172832	-0.09%	126053	21408	17.0%	90383	71.70%	14.74%	3.86%	3.06%	21.66%
038	174530	0.89%	129186	81845	63.4%	33635	26.04%	68.01%	2.82%	1.36%	72.19%
039	173809	0.47%	139465	85119	61.0%	40407	28.97%	62.14%	2.33%	1.89%	66.36%
040	173539	0.32%	133946	21492	16.1%	74299	55.47%	16.17%	4.92%	6.06%	27.15%
041	173452	0.26%	127577	65580	51.4%	34734	27.23%	55.70%	4.08%	5.28%	65.06%
042	172447	-0.32%	138757	34664	25.0%	76721	55.29%	26.54%	3.61%	3.44%	33.59%
043	172105	-0.51%	123175	73005	59.3%	41279	33.51%	55.95%	2.19%	1.05%	59.19%
044	174464	0.85%	127853	89344	69.9%	24598	19.24%	71.85%	3.07%	2.30%	77.22%
045	173558	0.33%	120526	16593	13.8%	77283	64.12%	13.44%	5.74%	6.32%	25.50%
046	174230	0.71%	135912	22408	16.5%	102352	75.31%	16.77%	1.86%	1.95%	20.58%
047	174417	0.82%	129264	18606	14.4%	96620	74.75%	14.27%	3.16%	1.60%	19.03%
048	171430	-0.90%	122914	18406	15.0%	60176	48.96%	16.51%	4.70%	14.45%	35.66%
049	173823	0.48%	125571	9465	7.5%	87303	69.52%	8.32%	6.14%	1.36%	15.82%
050	171792	-0.69%	131117	7216	5.5%	113429	86.51%	5.27%	1.85%	0.73%	7.85%
051	173593	0.35%	136858	1276	0.9%	128844	94.14%	0.80%	1.41%	0.23%	2.44%
052	172494	-0.29%	128253	14304	11.2%	100866	78.65%	10.80%	2.49%	0.77%	14.06%
053	173151	0.09%	132044	5802	4.4%	121629	92.11%	4.32%	1.21%	0.43%	5.96%
054	173417	0.24%	125379	3627	2.9%	97436	77.71%	3.20%	6.52%	0.47%	10.19%
055	174196	0.69%	123203	79583	64.6%	33740	27.39%	63.88%	2.40%	1.91%	68.19%
056	174,487	0.86%	129,856	20123	15.5%	85,852	66.11%	0.14	3.46%	3.47%	20.93%

CVAP Source:
* 2006-10 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017

EXHIBIT J-3

Population Summary Report -- 2010 Census

Georgia State Senate -2006 Benchmark Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
001	184711	6.77%	138727	28211	20.34%	99045	71.40%	19.04%	3.71%	1.92%	24.67%
002	145784	-15.73%	112658	61726	54.79%	42284	37.53%	57.54%	2.07%	1.03%	60.64%
003	175054	1.19%	131558	28706	21.82%	94902	72.14%	22.04%	2.40%	0.73%	25.17%
004	182797	5.67%	138452	33267	24.03%	97083	70.12%	24.09%	1.57%	0.58%	26.24%
005	165465	-4.35%	116283	33067	28.44%	21463	18.46%	40.07%	13.89%	10.37%	64.33%
006	166643	-3.67%	126854	47911	37.77%	54761	43.17%	39.41%	4.53%	2.56%	46.50%
007	162770	-5.91%	120774	24525	20.31%	87389	72.36%	21.43%	2.19%	0.14%	23.76%
008	165743	-4.19%	124564	44682	35.87%	72509	58.21%	35.97%	1.94%	0.68%	38.59%
009	203621	17.70%	145121	38197	26.32%	75722	52.18%	23.89%	5.40%	6.37%	35.66%
010	173450	0.26%	127296	85751	67.36%	35990	28.27%	66.52%	1.92%	0.92%	69.36%
011	149726	-13.45%	110742	32490	29.34%	69166	62.46%	30.87%	2.01%	0.24%	33.12%
012	141413	-18.26%	106402	64913	61.01%	38212	35.91%	60.86%	1.04%	0.31%	62.21%
013	150866	-12.79%	111625	31860	28.54%	73782	66.10%	28.86%	1.67%	0.45%	30.98%
014	158067	-8.63%	121156	52475	43.31%	61431	50.70%	44.67%	1.42%	0.40%	46.49%
015	133879	-22.61%	98798	54594	55.26%	36113	36.55%	52.77%	4.36%	1.03%	58.16%
016	165379	-4.40%	122416	27345	22.34%	87358	71.36%	22.30%	2.11%	0.96%	25.37%
017	238272	37.73%	169706	48961	28.85%	111309	65.59%	25.89%	2.34%	1.09%	29.32%
018	181223	4.76%	135340	30636	22.64%	95435	70.51%	22.18%	2.17%	1.19%	25.54%
019	161882	-6.42%	118661	32286	27.21%	75769	63.85%	28.34%	3.90%	0.55%	32.79%
020	176026	1.75%	134154	40285	30.03%	87131	64.95%	30.48%	1.52%	0.89%	32.89%
021	171113	-1.09%	125264	8607	6.87%	102102	81.51%	6.68%	3.51%	2.19%	12.38%
022	138542	-19.92%	103278	62421	60.44%	35770	34.63%	59.52%	2.77%	1.07%	63.36%
023	153242	-11.42%	115804	46613	40.25%	62952	54.36%	39.61%	1.57%	0.74%	41.92%
024	182334	5.40%	134569	28263	21.00%	96242	71.52%	21.01%	2.35%	2.09%	25.45%
025	160177	-7.41%	125124	42949	34.33%	77377	61.84%	35.94%	1.21%	0.39%	37.54%
026	135905	-21.44%	99895	59270	59.33%	36366	36.40%	58.03%	1.45%	0.79%	60.27%
027	264822	53.08%	186205	6478	3.48%	154737	83.10%	2.82%	3.59%	2.09%	8.50%
028	191899	10.93%	140568	21340	15.18%	109867	78.16%	15.31%	2.26%	0.67%	18.24%
029	173136	0.08%	130030	33994	26.14%	87586	67.36%	26.29%	2.42%	1.31%	30.02%
030	212492	22.83%	153122	35660	23.29%	106598	69.62%	21.82%	2.75%	0.82%	25.39%
031	204694	18.32%	148103	17314	11.69%	119626	80.77%	10.37%	2.36%	0.55%	13.28%
032	151598	-12.37%	116859	11522	9.86%	88178	75.46%	8.99%	2.88%	3.97%	15.84%
033	158587	-8.33%	116259	42842	36.85%	51012	43.88%	38.30%	5.26%	1.53%	45.09%
034	160881	-7.00%	115085	75542	65.64%	27419	23.82%	65.89%	3.20%	2.29%	71.38%
035	214483	23.98%	152659	110519	72.40%	31056	20.34%	72.82%	2.21%	0.87%	75.90%
036	145158	-16.09%	117776	60646	51.49%	45548	38.67%	51.99%	2.57%	2.41%	56.97%
037	192546	11.30%	140657	23916	17.00%	100422	71.39%	15.00%	3.75%	3.05%	21.80%
038	145163	-16.09%	108443	63546	58.60%	36308	33.48%	61.94%	1.27%	0.83%	64.04%
039	146037	-15.58%	122766	60282	49.10%	48988	39.90%	50.12%	3.27%	2.75%	56.14%
040	153070	-11.52%	119014	15664	13.16%	69656	58.53%	12.70%	4.00%	6.52%	23.22%
041	150651	-12.92%	112808	41216	36.54%	46499	41.22%	38.29%	4.15%	6.40%	48.84%
042	147006	-15.02%	118734	33805	28.47%	64015	53.91%	31.12%	3.20%	3.15%	37.47%
043	177093	2.37%	127999	95437	74.56%	25236	19.72%	73.24%	1.56%	0.83%	75.63%
044	170216	-1.61%	122115	67541	55.31%	29482	24.14%	57.21%	5.31%	5.21%	67.73%
045	256939	48.52%	178613	27938	15.64%	112602	63.04%	14.98%	5.30%	6.28%	26.56%
046	181993	5.20%	141820	27119	19.12%	100341	70.75%	20.14%	2.21%	1.92%	24.27%
047	193917	12.09%	143996	17787	12.35%	114361	79.42%	11.59%	2.34%	1.44%	15.37%
048	198933	14.99%	141413	17034	12.05%	81921	57.93%	13.00%	3.98%	11.47%	28.45%
049	190699	10.23%	137589	10015	7.28%	96620	70.22%	7.91%	6.34%	1.34%	15.59%
050	164656	-4.82%	127509	8870	6.96%	110345	86.54%	7.06%	1.44%	0.59%	9.09%
051	190842	10.32%	149612	1387	0.93%	140803	94.11%	0.76%	1.39%	0.23%	2.38%
052	168885	-2.38%	125503	12854	10.24%	100230	79.86%	10.45%	2.42%	0.85%	13.72%
053	164710	-4.79%	125890	5810	4.62%	115710	91.91%	4.47%	1.11%	0.39%	5.97%
054	173407	0.24%	125160	3705	2.96%	97125	77.60%	3.28%	6.62%	0.53%	10.43%
055	158179	-8.56%	113993	81541	71.53%	22515	19.75%	71.4%	2.27%	2.21%	75.91%
056	160,877	-7.00%	120,580	19454	16.13%	80,045	66.38%	14.04%	3.40%	3.23%	20.67%

CVAP Source:
* 2006-10 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017

EXHIBIT K

Georgia Senate
2021_Plan_
Region A
Region B
0 10 20
Miles
District by BVAP
43.0%
042 30.8%
038 65.3%
055 66.0%
036
039 60.7%
035 71.9%
044 71.3%
043 64.3%
017 32.0%
034 69.5%
010 71.5%
025 33.5%
016 22.7%
018 30.4%
026 57.0%
023 35.5%
015 54.0%
020 31.3%
004 23.4%
19.9%
022 56.5%
North Atlanta
GWINNETT
OCONEE
Monroe
OGLETHORPE
WILKES
Washington
LINCOLN
Edgefield
DEKALB
WALTON
ROCKDALE
FULTON
Stockbridge
NEWTON
MORGAN
Madison
GREENE
Greensboro
TALIAFERRO
COLUMBIA
MCDUFFIE
WARREN
FAYETTE
Peachtree City
HENRY
McDonough
JASPER
PUTNAM
Eatonton
HANCOCK
GLASCOCK
RICH
SPALDING
Jackson
BUTTS
LAMAR
PIKE
Barnesville
Forsyth
JONES
BALDWIN
Milledgeville
JEFFERSON
Waynesboro
BURKE
Sandersville
WASHINGTON
UPSON
Thomaston
MONROE
Manchester
Macon
BIBB
WILKINSON
JENKINS
Millen
Sylvania
SCREVEN
TALBOT
CRAWFORD
TWIGGS
Warner Robins
JOHNSON
EMANUEL
Swainsboro
TAYLOR
Butler
PEACH
Dublin
Perry
HOUSTON
BLECKLEY
Cochran
LAURENS
TREUTLEN
Soperton
Statesboro
BULLOCH
Metter
CANDLER
MARION
MACON
Montezuma
Hawkinsville
PULASKI
SCHLEY
Eastman
DODGE
Vidalia
TOOMBS
EVANS
BRYAN
DOOLY
WHEELER
Richland
WEBSTER
Americus
SUMTER
WILCOX
CRISP
Cordele
TELFAIR
TATTNALL
LONG
LIBERTY
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EXHIBIT L

Proposed Georgia Senate Districts

Client: S018
Plan: Senate-prop1-2021
Type: Senate

Legislative and Congressional Reapportionment Office
Georgia General Assembly
Suite 407 Coverdell Legislative Office Bldg.

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Map layers
Districts
County
0 20 40
Miles

Proposed Georgia Senate Districts

Client: S018
Plan: Senate-prop1-2021
Type: Senate

Proposed Georgia Senate Districts

Client: S018
Plan: Senate-prop1-2021
Type: Senate

Proposed Georgia Senate Districts

Client: S018
Plan: Senate-prop1-2021
Type: Senate

User: S018
Plan Name: Senate-prop1-2021
Plan Type: Senate

Population Summary

Summary Statistics:

Population Range:	189,320 to 193,163
Ratio Range:	0.02
Absolute Range:	-1,964 to 1,879
Absolute Overall Range:	3,843
Relative Range:	-1.03% to 0.98%
Relative Overall Range:	2.01%
Absolute Mean Deviation:	1,012.61
Relative Mean Deviation:	0.53%
Standard Deviation:	1,154.96

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	191,402	118	0.06%	145,428	75.98%	58.9%	23.66%	8.78%	2.64%	0.25%	0.3%	0.48%	4.99%
002	190,408	-876	-0.46%	150,843	79.22%	36.4%	47.51%	8.36%	3.4%	0.21%	0.15%	0.46%	3.49%
003	191,212	-72	-0.04%	148,915	77.88%	66.23%	20.92%	6.82%	1.22%	0.26%	0.09%	0.42%	4.04%
004	191,098	-186	-0.10%	146,443	76.63%	64.48%	22.6%	6.49%	1.86%	0.23%	0.07%	0.38%	3.9%
005	191,921	637	0.33%	139,394	72.63%	13.35%	26.84%	45.47%	10.98%	0.15%	0.04%	0.64%	2.52%
006	191,401	117	0.06%	155,781	81.39%	56.41%	21.47%	9.18%	7.21%	0.16%	0.03%	1.11%	4.42%
007	189,709	-1,575	-0.82%	147,425	77.71%	35.09%	20.08%	18.57%	21.67%	0.16%	0.04%	0.66%	3.72%
008	192,396	1,112	0.58%	145,144	75.44%	57.39%	30.03%	7.28%	1.21%	0.28%	0.07%	0.35%	3.4%
009	192,915	1,631	0.85%	142,054	73.64%	32.04%	28.46%	21.09%	13.98%	0.18%	0.03%	0.72%	3.48%
010	192,898	1,614	0.84%	147,884	76.66%	17.71%	68.95%	6.03%	3.1%	0.18%	0.03%	0.66%	3.34%
011	189,976	-1,308	-0.68%	144,597	76.11%	55.75%	31.13%	9.36%	0.69%	0.23%	0.03%	0.26%	2.54%
012	190,819	-465	-0.24%	149,154	78.17%	33.83%	58.82%	3.89%	0.86%	0.16%	0.02%	0.21%	2.2%
013	189,326	-1,958	-1.02%	144,141	76.13%	61.25%	27.08%	7.2%	1.2%	0.17%	0.02%	0.26%	2.81%
014	192,533	1,249	0.65%	155,340	80.68%	54.63%	16.79%	13.97%	9.46%	0.13%	0.04%	0.79%	4.19%
015	189,446	-1,838	-0.96%	144,506	76.28%	34.07%	52.31%	7.57%	1.31%	0.23%	0.27%	0.44%	3.79%
016	191,829	545	0.28%	147,133	76.7%	64.19%	22.31%	5.95%	3.04%	0.17%	0.03%	0.51%	3.79%
017	192,510	1,226	0.64%	144,472	75.05%	56.69%	31.21%	6.08%	1.41%	0.16%	0.05%	0.59%	3.81%
018	191,825	541	0.28%	150,196	78.3%	58.41%	30.01%	5.18%	2.42%	0.22%	0.03%	0.4%	3.33%
019	192,316	1,032	0.54%	146,131	75.98%	61.67%	24.76%	9.72%	0.58%	0.17%	0.06%	0.27%	2.77%
020	192,588	1,304	0.68%	147,033	76.35%	59.74%	30.65%	4.21%	1.73%	0.15%	0.05%	0.31%	3.16%
021	192,572	1,288	0.67%	145,120	75.36%	71.13%	6.52%	10.13%	7.38%	0.19%	0.04%	0.53%	4.08%
022	193,163	1,879	0.98%	150,450	77.89%	31.1%	56.58%	5.63%	1.97%	0.24%	0.18%	0.44%	3.86%
023	190,344	-940	-0.49%	144,113	75.71%	54.27%	34.66%	5.46%	1.16%	0.24%	0.1%	0.34%	3.78%
024	192,674	1,390	0.73%	148,602	77.13%	67.45%	18.98%	5.4%	3.31%	0.18%	0.09%	0.43%	4.15%
025	191,161	-123	-0.06%	148,917	77.9%	57.45%	33.4%	4.27%	1.08%	0.16%	0.05%	0.43%	3.16%
026	189,945	-1,339	-0.70%	145,744	76.73%	33.26%	57.37%	4.85%	0.83%	0.21%	0.04%	0.31%	3.14%
027	190,676	-608	-0.32%	139,196	73%	68%	4.31%	11.61%	11.41%	0.18%	0.04%	0.52%	3.94%
028	190,422	-862	-0.45%	144,973	76.13%	67.06%	18.79%	7.4%	1.96%	0.22%	0.04%	0.48%	4.06%
029	189,424	-1,860	-0.97%	145,674	76.9%	60.71%	26.22%	5.34%	3.02%	0.23%	0.1%	0.42%	3.97%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
030	191,475	191	0.10%	145,077	75.77%	66.97%	19.83%	7.27%	0.95%	0.23%	0.03%	0.49%	4.24%
031	192,560	1,276	0.67%	142,251	73.87%	65.2%	19.83%	8.85%	1.07%	0.23%	0.06%	0.58%	4.19%
032	192,448	1,164	0.61%	149,879	77.88%	63.13%	13.22%	12.09%	5.49%	0.2%	0.04%	0.91%	4.91%
033	192,694	1,410	0.74%	146,415	75.98%	26%	40.48%	26.72%	2.13%	0.19%	0.05%	0.86%	3.56%
034	190,668	-616	-0.32%	141,840	74.39%	11.11%	66.6%	14.82%	3.9%	0.23%	0.04%	0.6%	2.7%
035	192,839	1,555	0.81%	144,675	75.02%	16.46%	69.77%	8.68%	1.13%	0.17%	0.06%	0.64%	3.08%
036	192,282	998	0.52%	161,385	83.93%	33.1%	51.35%	7.56%	3.58%	0.17%	0.04%	0.53%	3.68%
037	192,671	1,387	0.73%	147,779	76.7%	62.38%	18.04%	9.99%	3.85%	0.16%	0.03%	0.78%	4.76%
038	193,155	1,871	0.98%	148,367	76.81%	20.03%	62.74%	9.72%	3.42%	0.18%	0.04%	0.58%	3.29%
039	191,500	216	0.11%	156,022	81.47%	25.32%	60.33%	6.1%	4.25%	0.16%	0.04%	0.57%	3.22%
040	190,544	-740	-0.39%	147,000	77.15%	43.69%	16.42%	24.81%	10.84%	0.12%	0.04%	0.65%	3.43%
041	191,023	-261	-0.14%	145,278	76.05%	18.86%	60.28%	7.32%	9.19%	0.22%	0.02%	0.64%	3.48%
042	190,940	-344	-0.18%	153,952	80.63%	49.91%	28.14%	10.13%	6.81%	0.13%	0.03%	0.61%	4.24%
043	192,729	1,445	0.76%	145,741	75.62%	23.45%	62.77%	8.13%	1.24%	0.17%	0.09%	0.67%	3.49%
044	190,036	-1,248	-0.65%	145,224	76.42%	13.02%	69.13%	9.96%	4.15%	0.16%	0.04%	0.62%	2.91%
045	190,692	-592	-0.31%	140,706	73.79%	52.74%	17.12%	14.66%	10.69%	0.13%	0.03%	0.62%	4.01%
046	190,312	-972	-0.51%	146,713	77.09%	67.24%	16.64%	7.99%	3.77%	0.2%	0.03%	0.58%	3.56%
047	190,607	-677	-0.35%	146,599	76.91%	64.67%	16.96%	11.22%	2.66%	0.16%	0.04%	0.58%	3.71%
048	190,123	-1,161	-0.61%	136,995	72.06%	49.01%	8.35%	7.58%	30.59%	0.13%	0.04%	0.55%	3.75%
049	189,355	-1,929	-1.01%	144,123	76.11%	60.85%	7.13%	26.24%	2.15%	0.15%	0.04%	0.35%	3.08%
050	189,320	-1,964	-1.03%	148,799	78.6%	78.61%	5.05%	11.08%	1.22%	0.22%	0.04%	0.26%	3.52%
051	190,167	-1,117	-0.58%	155,571	81.81%	88.75%	0.84%	5.43%	0.59%	0.31%	0.02%	0.3%	3.77%
052	190,799	-485	-0.25%	146,620	76.85%	71.8%	12.39%	10.11%	1.08%	0.21%	0.03%	0.35%	4.02%
053	190,236	-1,048	-0.55%	148,201	77.9%	85.78%	4.46%	3.98%	1%	0.24%	0.06%	0.3%	4.18%
054	192,443	1,159	0.61%	143,843	74.75%	65.71%	2.97%	26.66%	1.14%	0.19%	0.02%	0.25%	3.07%
055	190,155	-1,129	-0.59%	141,968	74.66%	18.09%	62.96%	10.14%	4.19%	0.17%	0.04%	0.73%	3.67%
056	191,226	-58	-0.03%	144,448	75.54%	73.9%	6.36%	8.63%	5.67%	0.11%	0.03%	0.75%	4.56%

Total: **10,711,908**
Ideal District: **191,284**

User: S018
Plan Name: Senate-prop1-2021
Plan Type: Senate

Population Summary

Summary Statistics:

Population Range:	189,320 to 193,163
Ratio Range:	0.02
Absolute Range:	-1,964 to 1,879
Absolute Overall Range:	3,843
Relative Range:	-1.03% to 0.98%
Relative Overall Range:	2.01%
Absolute Mean Deviation:	1,012.61
Relative Mean Deviation:	0.53%
Standard Deviation:	1,154.96

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
001	191,402	118	0.06%	145,428	75.98%	61.99%	22.8%	7.55%	2.81%	0.28%	0.27%	0.4%	3.9%
002	190,408	-876	-0.46%	150,843	79.22%	40.21%	44.81%	7.48%	3.77%	0.22%	0.15%	0.42%	2.95%
003	191,212	-72	-0.04%	148,915	77.88%	68.88%	19.81%	6.17%	1.27%	0.27%	0.08%	0.34%	3.19%
004	191,098	-186	-0.10%	146,443	76.63%	66.78%	21.98%	5.52%	1.9%	0.24%	0.07%	0.33%	3.17%
005	191,921	637	0.33%	139,394	72.63%	15.69%	27.21%	41.67%	12.41%	0.14%	0.04%	0.55%	2.28%
006	191,401	117	0.06%	155,781	81.39%	57.79%	21.79%	8.24%	7.14%	0.16%	0.03%	1.05%	3.8%
007	189,709	-1,575	-0.82%	147,425	77.71%	37.84%	19.33%	16.56%	22.58%	0.16%	0.05%	0.55%	2.93%
008	192,396	1,112	0.58%	145,144	75.44%	60.1%	29.02%	6.21%	1.27%	0.29%	0.08%	0.27%	2.75%
009	192,915	1,631	0.85%	142,054	73.64%	35.81%	27.23%	18.77%	14.59%	0.18%	0.04%	0.59%	2.8%
010	192,898	1,614	0.84%	147,884	76.66%	19.64%	68.31%	5.18%	3.15%	0.18%	0.04%	0.61%	2.89%
011	189,976	-1,308	-0.68%	144,597	76.11%	58.97%	30.08%	7.6%	0.72%	0.26%	0.02%	0.22%	2.13%
012	190,819	-465	-0.24%	149,154	78.17%	36.71%	56.63%	3.48%	0.92%	0.18%	0.02%	0.18%	1.88%
013	189,326	-1,958	-1.02%	144,141	76.13%	64.1%	26.01%	6.01%	1.21%	0.17%	0.02%	0.21%	2.26%
014	192,533	1,249	0.65%	155,340	80.68%	57.1%	16.83%	12.13%	9.43%	0.12%	0.05%	0.74%	3.61%
015	189,446	-1,838	-0.96%	144,506	76.28%	36.52%	51.56%	6.59%	1.45%	0.23%	0.25%	0.36%	3.04%
016	191,829	545	0.28%	147,133	76.7%	66.91%	21.49%	5.03%	2.92%	0.18%	0.03%	0.42%	3.01%
017	192,510	1,226	0.64%	144,472	75.05%	59.42%	30.21%	5.13%	1.41%	0.17%	0.03%	0.49%	3.14%
018	191,825	541	0.28%	150,196	78.3%	60.69%	29.2%	4.51%	2.46%	0.22%	0.03%	0.29%	2.6%
019	192,316	1,032	0.54%	146,131	75.98%	63.99%	24.52%	8.38%	0.62%	0.18%	0.06%	0.2%	2.06%
020	192,588	1,304	0.68%	147,033	76.35%	61.71%	30.17%	3.49%	1.76%	0.16%	0.05%	0.25%	2.41%
021	192,572	1,288	0.67%	145,120	75.36%	73.87%	6.37%	8.77%	6.98%	0.18%	0.04%	0.48%	3.32%
022	193,163	1,879	0.98%	150,450	77.89%	34.38%	53.94%	5.35%	2.3%	0.24%	0.18%	0.38%	3.24%
023	190,344	-940	-0.49%	144,113	75.71%	56.89%	33.91%	4.52%	1.24%	0.25%	0.09%	0.27%	2.84%
024	192,674	1,390	0.73%	148,602	77.13%	69.81%	18.69%	4.4%	3.27%	0.2%	0.07%	0.35%	3.2%
025	191,161	-123	-0.06%	148,917	77.9%	59.94%	32.23%	3.66%	1.09%	0.18%	0.04%	0.39%	2.48%
026	189,945	-1,339	-0.70%	145,744	76.73%	36.6%	55.18%	4.24%	0.92%	0.22%	0.03%	0.24%	2.56%
027	190,676	-608	-0.32%	139,196	73%	71.5%	4.16%	10.2%	10.27%	0.15%	0.04%	0.45%	3.22%
028	190,422	-862	-0.45%	144,973	76.13%	69.44%	18.18%	6.44%	1.99%	0.23%	0.04%	0.38%	3.29%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
029	189,424	-1,860	-0.97%	145,674	76.9%	63.22%	25.52%	4.45%	3%	0.23%	0.11%	0.33%	3.13%
030	191,475	191	0.10%	145,077	75.77%	69.41%	19.44%	6.1%	0.97%	0.24%	0.03%	0.41%	3.4%
031	192,560	1,276	0.67%	142,251	73.87%	68.26%	19.13%	7.42%	1.12%	0.22%	0.06%	0.46%	3.33%
032	192,448	1,164	0.61%	149,879	77.88%	65.78%	13.13%	10.55%	5.42%	0.2%	0.04%	0.83%	4.05%
033	192,694	1,410	0.74%	146,415	75.98%	30.25%	40.26%	22.93%	2.35%	0.22%	0.05%	0.81%	3.14%
034	190,668	-616	-0.32%	141,840	74.39%	13.36%	66.5%	12.75%	4.26%	0.22%	0.04%	0.56%	2.31%
035	192,839	1,555	0.81%	144,675	75.02%	18.82%	68.87%	7.51%	1.26%	0.18%	0.06%	0.59%	2.7%
036	192,282	998	0.52%	161,385	83.93%	36.18%	48.68%	7.06%	4.01%	0.17%	0.04%	0.51%	3.34%
037	192,671	1,387	0.73%	147,779	76.7%	65.37%	17.41%	8.69%	3.94%	0.17%	0.04%	0.67%	3.73%
038	193,155	1,871	0.98%	148,367	76.81%	21.87%	62.45%	8.44%	3.55%	0.18%	0.04%	0.56%	2.92%
039	191,500	216	0.11%	156,022	81.47%	27.87%	57.97%	5.65%	4.83%	0.15%	0.04%	0.5%	2.98%
040	190,544	-740	-0.39%	147,000	77.15%	46.34%	17.32%	21.62%	11.15%	0.11%	0.04%	0.59%	2.84%
041	191,023	-261	-0.14%	145,278	76.05%	21.39%	59.67%	6.68%	8.42%	0.22%	0.02%	0.6%	3.01%
042	190,940	-344	-0.18%	153,952	80.63%	51.39%	28.73%	8.64%	7.16%	0.12%	0.03%	0.53%	3.4%
043	192,729	1,445	0.76%	145,741	75.62%	26.53%	61.35%	6.89%	1.34%	0.17%	0.08%	0.6%	3.05%
044	190,036	-1,248	-0.65%	145,224	76.42%	15.29%	68.39%	8.6%	4.37%	0.17%	0.04%	0.56%	2.58%
045	190,692	-592	-0.31%	140,706	73.79%	55.47%	16.86%	13.05%	10.89%	0.13%	0.03%	0.5%	3.07%
046	190,312	-972	-0.51%	146,713	77.09%	69.9%	15.64%	6.99%	3.85%	0.22%	0.02%	0.5%	2.89%
047	190,607	-677	-0.35%	146,599	76.91%	67.46%	16.34%	9.57%	2.79%	0.17%	0.04%	0.5%	3.13%
048	190,123	-1,161	-0.61%	136,995	72.06%	52.25%	8.26%	7%	29.05%	0.11%	0.04%	0.47%	2.83%
049	189,355	-1,929	-1.01%	144,123	76.11%	65.64%	7.12%	21.9%	2.22%	0.16%	0.04%	0.29%	2.63%
050	189,320	-1,964	-1.03%	148,799	78.6%	81.54%	5.03%	8.78%	1.24%	0.24%	0.03%	0.24%	2.91%
051	190,167	-1,117	-0.58%	155,571	81.81%	90.24%	0.84%	4.34%	0.61%	0.33%	0.02%	0.27%	3.34%
052	190,799	-485	-0.25%	146,620	76.85%	74.74%	12.08%	8.24%	1.13%	0.22%	0.02%	0.29%	3.27%
053	190,236	-1,048	-0.55%	148,201	77.9%	87.31%	4.49%	3.23%	0.99%	0.26%	0.06%	0.22%	3.44%
054	192,443	1,159	0.61%	143,843	74.75%	69.98%	3.07%	22.64%	1.15%	0.22%	0.02%	0.21%	2.71%
055	190,155	-1,129	-0.59%	141,968	74.66%	20.56%	62.42%	8.71%	4.24%	0.18%	0.04%	0.67%	3.18%
056	191,226	-58	-0.03%	144,448	75.54%	76.17%	6.37%	7.66%	5.51%	0.12%	0.03%	0.63%	3.51%

Total: **10,711,908**

Ideal District: **191,284**

EXHIBIT M

Population Summary Report

Georgia State Senate --2021 Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbents
001	191402	0.06%	145428	36468	25.08%	90150	61.99%	24.12%	6.38%	2.49%	32.99%	65.83%	1
002	190408	-0.46%	150843	70688	46.86%	60650	40.21%	53.13%	4.28%	1.47%	58.88%	40.30%	1
003	191212	-0.04%	148915	31545	21.18%	102574	68.88%	22.87%	3.13%	1.35%	27.35%	71.91%	1
004	191098	-0.10%	146443	34217	23.37%	97792	66.78%	23.64%	2.86%	1.06%	27.56%	71.51%	1
005	191921	0.33%	139394	41736	29.94%	21872	15.69%	38.70%	19.93%	13.74%	72.36%	26.30%	1
006	191401	0.06%	155781	37231	23.90%	90024	57.79%	23.06%	4.63%	4.76%	32.45%	66.92%	1
007	189709	-0.82%	147425	31601	21.44%	55780	37.84%	23.42%	8.40%	16.90%	48.73%	50.46%	1
008	192396	0.58%	145144	44098	30.38%	87232	60.10%	30.18%	4.19%	1.10%	35.46%	63.55%	1
009	192915	0.85%	142054	41948	29.53%	50868	35.81%	30.19%	9.36%	11.34%	50.89%	48.30%	1
010	192898	0.84%	147884	105671	71.46%	29039	19.64%	68.86%	3.80%	2.73%	75.38%	23.77%	1
011	189976	-0.68%	144597	44887	31.04%	85275	58.97%	32.41%	3.43%	0.47%	36.32%	62.84%	1
012	190819	-0.24%	149154	86465	57.97%	54752	36.71%	59.25%	1.33%	0.70%	61.28%	38.13%	1
013	189326	-1.02%	144141	38871	26.97%	92398	64.10%	27.49%	3.21%	0.97%	31.67%	67.81%	1
014	192533	0.65%	155340	29470	18.97%	88706	57.10%	19.75%	5.98%	6.16%	31.90%	67.30%	1
015	189446	-0.96%	144506	78040	54.00%	52771	36.52%	53.56%	5.59%	1.33%	60.48%	38.55%	1
016	191829	0.28%	147133	33393	22.70%	98454	66.91%	22.24%	3.32%	2.02%	27.58%	71.46%	1
017	192510	0.64%	144472	46245	32.01%	85846	59.42%	27.89%	2.70%	1.18%	31.77%	67.34%	1
018	191825	0.28%	150196	45662	30.40%	91155	60.69%	30.44%	2.50%	1.81%	34.75%	64.62%	1
019	192316	0.54%	146131	37589	25.72%	93506	63.99%	27.82%	4.25%	0.40%	32.47%	66.86%	1
020	192588	0.68%	147033	45991	31.28%	90729	61.71%	31.59%	2.67%	1.09%	35.35%	63.98%	3
021	192572	0.67%	145120	10823	7.46%	107202	73.87%	7.89%	4.72%	3.50%	16.11%	82.97%	1
022	193163	0.98%	150450	85009	56.50%	51728	34.38%	57.93%	4.02%	1.80%	63.76%	35.32%	1
023	190344	-0.49%	144113	51133	35.48%	81988	56.89%	35.06%	3.11%	0.84%	39.01%	60.09%	0
024	192674	0.73%	148602	29503	19.85%	103744	69.81%	21.16%	2.86%	2.56%	26.58%	72.87%	1
025	191161	-0.06%	148917	49860	33.48%	89256	59.94%	32.45%	2.48%	0.95%	35.87%	63.76%	1
026	189945	-0.70%	145744	83056	56.99%	53346	36.60%	56.93%	2.22%	0.82%	59.97%	39.34%	1
027	190676	-0.32%	139196	6961	5.00%	99531	71.50%	4.08%	5.44%	4.87%	14.40%	84.89%	1
028	190422	-0.45%	144973	28282	19.51%	100664	69.44%	18.97%	4.25%	1.35%	24.56%	74.52%	1
029	189424	-0.97%	145674	39150	26.88%	92102	63.22%	27.45%	3.45%	2.13%	33.04%	66.07%	1
030	191475	0.10%	145077	30346	20.92%	100699	69.41%	21.14%	3.12%	0.82%	25.08%	74.15%	1
031	192560	0.67%	142251	29440	20.70%	97094	68.26%	17.68%	4.68%	0.83%	23.19%	75.98%	1
032	192448	0.61%	149879	22274	14.86%	98589	65.78%	13.75%	5.72%	3.72%	23.19%	75.67%	1
033	192694	0.74%	146415	62897	42.96%	44286	30.25%	47.97%	10.51%	2.48%	60.96%	38.28%	0
034	190668	-0.32%	141840	98640	69.54%	18951	13.36%	73.27%	5.16%	3.38%	81.82%	17.07%	1
035	192839	0.81%	144675	104019	71.90%	27234	18.82%	68.27%	4.22%	0.97%	73.46%	25.64%	1
036	192282	0.52%	161385	82859	51.34%	58394	36.18%	53.64%	3.72%	3.02%	60.38%	38.93%	1
037	192671	0.73%	147779	28484	19.27%	96596	65.37%	18.82%	5.46%	3.60%	27.88%	71.43%	1
038	193155	0.98%	148367	96886	65.30%	32445	21.87%	69.99%	4.03%	2.27%	76.28%	23.30%	1
039	191500	0.11%	156022	94702	60.70%	43478	27.87%	63.27%	3.14%	3.27%	69.68%	29.75%	1
040	190544	-0.39%	147000	28277	19.24%	68121	46.34%	22.07%	7.43%	7.88%	37.38%	62.08%	1
041	191023	-0.14%	145278	90961	62.61%	31068	21.39%	66.37%	2.74%	4.22%	73.32%	25.66%	1
042	190940	-0.18%	153952	47383	30.78%	79111	51.39%	35.04%	3.19%	4.94%	43.17%	55.88%	1
043	192729	0.76%	145741	93754	64.33%	38669	26.53%	61.38%	4.11%	1.52%	67.01%	32.37%	1
044	190036	-0.65%	145224	103599	71.34%	22202	15.29%	73.79%	4.90%	3.82%	82.50%	16.56%	1
045	190692	-0.31%	140706	26149	18.58%	78049	55.47%	17.77%	7.97%	7.32%	33.06%	66.11%	0
046	190312	-0.51%	146713	24793	16.90%	102559	69.90%	16.67%	3.96%	3.23%	23.86%	75.50%	1
047	190607	-0.35%	146599	25543	17.42%	98893	67.46%	19.34%	4.51%	1.58%	25.42%	73.97%	1
048	190123	-0.61%	136995	12968	9.47%	71575	52.25%	8.60%	5.77%	16.94%	31.31%	67.93%	1
049	189355	-1.01%	144123	11475	7.96%	94600	65.64%	8.66%	10.81%	1.97%	21.44%	77.80%	1
050	189320	-1.03%	148799	8341	5.61%	121337	81.54%	6.02%	4.73%	1.05%	11.80%	87.16%	1
051	190167	-0.58%	155571	1876	1.21%	140394	90.24%	1.34%	2.21%	0.52%	4.06%	93.72%	1
052	190799	-0.25%	146620	19120	13.04%	109583	74.74%	13.27%	3.93%	0.83%	18.03%	81.15%	1
053	190236	-0.55%	148201	7558	5.10%	129390	87.31%	4.83%	1.74%	0.81%	7.38%	91.71%	1
054	192443	0.61%	143843	5450	3.79%	100668	69.98%	4.07%	11.67%	0.81%	16.55%	82.47%	1
055	190155	-0.59%	141968	93659	65.97%	29183	20.56%	67.72%	4.33%	2.22%	74.27%	24.77%	1
056	191226	-0.03%	144448	10940	7.57%	110031	76.17%	6.99%	4.98%	3.81%	15.79%	83.61%	2
Total 2020 Pop.	**10,711,908**	**2.01%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**						
Majority Districts					**14**			**15**			**18**	**38**	

CVAP Source:
* 2015-19 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017)

Source for disaggregation: Redistricting Data Hub
https://redistrictingdatahub.org/dataset/georgia-cvap-data-disaggregated-to-the-2020-block-level-2019/

EXHIBIT A

Part 2

EXHIBIT N-1

Georgia Senate
Illustrative_
Region A
Region B
0 10 20
Miles
District by BVAP
017
62.5%
028
52.7%
023
50.5%
006
038
54.9%
039
036
51.4%
042
21.2%
041
55
51.4%
009
50.9%
010
69.8%
034
77.8%
043
58.1%
044
55.1%
046
20.1%
024
20.2%
025
22.0%
022
52.2%
016
19.0%
015
51.3%
026
54.0%
018
26.4%
020
31.0%
013
31.9%
004
FULTON
CLAYTON
DEKALB
ROCKDALE
WALTON
OCONEE
OGLETHORPE
WILKES
LINCOLN
GREENE
TALIAFERRO
COLUMBIA
MCDUFFIE
WARREN
RICHMOND
MORGAN
PUTNAM
JASPER
BUTTS
SPALDING
HANCOCK
GLASCOCK
JEFFERSON
BURKE
JENKINS
SCREEN
BALDWIN
WASHINGTON
WILKINSON
JONES
LAMAR
PIKE
UPSON
MONROE
BIBB
CRAWFORD
TALBOT
TAYLOR
TWIGGS
JOHNSON
EMANUEL
PEACH
MARION
MACON
HOUSTON
BLECKLEY
LAURENS
TREUTLEN
DOOLY
PULASKI
DODGE
WHEELER
TOOMBS
WEBSTER
SUMTER
CRISP
WILCOX
TELFAIR
Edgefield
Aiken
Augusta
Martinez
Waynesboro
Sylvania
Sandersville
Milledgeville
Fatonton
Madison
Greensboro
Washington
Barnesville
Forsyth
Thomaston
Manchester
Macon
Warner Robins
Butler
Perry
Montezuma
Hawkinsville
Cochran
Dublin
Swainsboro
Soperton
Vidalia
Eastman
Millen
Richland
Americus
Cordele
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EXHIBIT N-2

031
14.3%
037
20.8%
032
11.0%
056
17.0%
033
30.7%
006
50.1%
030
28.5%
038
54.9%
PAULDING
COBB
DOUGLAS
Fair Oaks
Smyrna
Vinings
Powder Springs
Mableton
Austell
Lithia Springs
Douglasville
75
278
285
6
20
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Illustrative Senate
Districts
0
1.5
3
Miles
District by BVAP

Lawrenceville
045
25.1%
005
30.7%
85
009
50.9%
GWINNETT
Grayson
041
50.5%
055
51.4%
047
10.1%
Snellville
Loganville
Between
WALTON
025
22.0%
DEKALB
ROCKDALE
043
58.1%
Redan
NEWTON
©2019 CALIPER; ©2018 HERE
Illustrative Senate
Districts
0
1.5
3
Miles
District by BVAP

038
54.9%
Atlanta
042
21.2%
041
50.5%
009
50.9%
GWINNETT
055
51.4%
Redan
039
51.5%
Candler-McAfee
043
58.1%
Lithonia
Panthersville
Lakeview Estates
DEKALB
036
51.4%
East Point
Conyers
Hapeville
College Park
FULTON
Conley
Forest Park
ROCKDALE
Lake City
017
62.5%
034
77.8%
Morrow
Riverdale
CLAYTON
044
55.1%
Stockbridge
010
69.8%
Jonesboro
028
52.7%
FAYETTE
HENRY
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Illustrative Senate
Districts
0 2 4
Miles
District by BVAP

Illustrative Senate
Districts
0 10 20
Miles
District by BVAP
011
29.7%
012
57.3%
013
31.9%
018
26.4%
020
31.0%
MARION
SCHLEY
MACON
PULASKI
DOOLY
WILCOX
STEWART
WEBSTER
SUMTER
CRISP
QUITMAN
TERRELL
LEE
RANDOLPH
TURNER
IRWIN
CLAY
CALHOUN
DOUGHERTY
WORTH
TIFT
EARLY
BAKER
MILLER
MITCHELL
COLQUITT
COOK
SEMINOLE
DECATUR
GRADY
THOM
Union Springs
Richland
Americus
Cordele
Eufaula
Georgetown
Cuthbert
Dawson
Leesburg
Ashburn
Clio
Abbeville
Albany
Sylvester
Putney
Tifton
Ozark
Blakely
Headland
Dothan
Camilla
Moultrie
Adel
Pelham
Donalsonville
Bainbridge
Cairo
Thomas
Bonifay
Marianna
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MERIWETHER
Pine Mountain
Manchester
Lincoln Park
Shiloh
Woodland
UPSON
016
19.0%
Hamilton
HARRIS
185
TALBOT
Waverly Hall
Talbotton
029
21.8%
015
51.3%
19
Junction City
90
Geneva
96
Butler
80
MUSCOGEE
TAYLOR
431
Bibb City
Phenix City
Columbus
MARION
Illustrative Senate
Districts
0
3
6
Miles
District by BVAP
280
27
CHATTAHOOCHEE
018
26.4%
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Illustrative Senate
Districts
0
3
6
Miles
District by BVAP
055
51.4%
036
51.4%
034
77.8%
010
69.8%
028
52.7%
044
55.1%
017
62.5%
043
58.1%
FULTON
DEKALB
ROCKDALE
CLAYTON
HENRY
NEWTON
WALTON
BUTTS
Candler-McAfee
Panthersville
Lithonia
Lakeview Estates
Jersey
Conyers
Conley
Forest Park
Lake City
Morrow
Oxford
Covington
Porterdale
Stockbridge
Jonesboro
Bonanza
Lovejoy
McDonough
Blacksville
Hampton
Sunny Side
Locust Grove
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WILKES
Sharon
TALIAFERRO
024
20.2%
COLUMBIA
Evans
Martinez
North Augusta
Augusta
Thomson
MCDUFFIE
Norwood
Camak
Grovetown
WARREN
Warrenton
Dearing
Harlem
022
52.2%
RICHMOND
Hephzibah
Blythe
HANCOCK
GLASCOCK
Gibson
Mitchell
Keysville
Stapleton
Wrens
Avera
JEFFERSON
023
50.5%
WASHINGTON
Illustrative Senate
Districts
0
4
8
Miles
District by BVAP
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OCONEE
OGLETHORPE
Washington
WILKES
050
10.8%
GREENE
Madison
Greensboro
MORGAN
TALIAFERRO
024
20.2%
Aiken
Martinez
MCDUFFIE
Thomson
COLUMBIA
Augusta
Grovetown
046
20.1%
WARREN
022
52.2%
RICHMOND
JASPER
Eatonton
PUTNAM
HANCOCK
025
22.0%
GLASCOCK
Milledgeville
BALDWIN
JEFFERSON
023
50.5%
Waynesboro
BURKE
JONES
Sandersville
WASHINGTON
Macon
BIBB
WILKINSON
JENKINS
Millen
SCREVEN
Sylvania
TWIGGS
JOHNSON
004
Illustrative Senate
Districts
0
10
20
Miles
District by BVAP
EMANUEL
Warner Robins
013
31.9%
LAURENS
Swainsboro
Dublin
CANDLER
BLECKLEY
TREUTLEN
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Thomaston
MONROE
UPSON
016
19.0%
015
51.3%
TALBOT
CRAWFORD
018
26.4%
BIBB
Macon
025
22.0%
TWIGGS
023
50.5%
Warner Robins
PEACH
Fort Valley
Butler
TAYLOR
Perry
HOUSTON
013
31.9%
BLECKLEY
Cochran
026
54.0%
MACON
Montezuma
DOOLY
020
31.0%
SCHLEY
SUMTER
©2019 CALIPER; ©2018 HERE
Illustrative Senate
Districts
0
5
10
Miles
District by BVAP

FULTON
Palmetto
034
77.8%
Jonesboro
CLAYTON
Stockbridge
010
69.8%
028
52.7%
Tyrone
Bonanza
Fayetteville
035
63.3%
McDonough
Lovejoy
017
62.5%
HENRY
FAYETTE
Peachtree City
Hampton
016
19.0%
044
55.1%
Woolsey
Sharpsburg
Sunny Side
Heron Bay
029
21.8%
Turin
COWETA
Senoia
Brooks
Experiment
SPALDING
Haralson
MERIWETHER
PIKE
©2019 CALIPER; ©2018 HERE
Illustrative Senate
Districts
0
2.5
5
Miles
District by BVAP

Judy's Lake
East Point
College Park
036
51.4%
Lk Murray
Conley
044
55.1%
Mirror Lk
Ballard Pond
Forest Park
Lk Frances
Crystal Lk
Lake City
Shellnut Lk
034
77.8%
Four Oaks Lk
Union City
FULTON
CLAYTON
Morrow
Riverdale
Dukes Pond
035
63.3%
Wrights Lk
Green Valley Lk
Lk Tare
FAYETTE
028
52.7%
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Illustrative Senate
Districts
0
1
2
Miles
District by BVAP

031
14.3%
Temple
Villa Rica
Douglasville
038
54.9%
Atlanta
039
51.5%
East Point
Hapeville
College Park
DOUGLAS
030
28.5%
036
51.4%
034
77.8%
Union City
Riverdale
CLAYTON
FULTON
035
63.3%
Fairburn
Carrollton
CARROLL
029
21.8%
Palmetto
Whitesburg
028
52.7%
Tyrone
FAYETTE
Fayetteville
COWETA
Newnan
Peachtree City
016
19.0%
HEARD
East Newnan
Sharpsburg
Turin
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Illustrative Senate
Districts
0 3 6
Miles
District by BVAP

Mableton
Austell
COBB
006
50.1%
North Druid Hills
042
21.2%
North Decatur
Scottdale
Druid Hills
Decatur
Avondale Estates
Belvedere Park
Atlanta
DOUGLAS
038
54.9%
Candler-McAfee
DEKALB
Panthersville
039
51.5%
FULTON
036
51.4%
010
69.8%
East Point
035
63.3%
Hapeville
College Park
Conley
Forest Park
CLAYTON
034
77.8%
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Illustrative Senate
Districts
0
1.5
3
Miles
District by BVAP

Hiram
Smyrna
Vinings
Powder Springs
PAULDING
COBB
Austell
Mableton
Lithia Springs
Douglasville
DOUGLAS
Atlanta
East Point
FULTON
033
30.7%
056
17.0%
006
50.1%
030
28.5%
038
54.9%
039
51.5%
036
51.4%
035
63.3%
Illustrative Senate
Districts
0
2
4
Miles
District by BVAP
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033
30.7%
COBB
Mableton
006
50.1%
038
54.9%
FULTON
Atlanta
North Druid Hills
North Decatur
Druid Hills
042
21.2%
Decatur
DEKALB
Candler-McAfee
010
69.8%
Panthersville
039
51.5%
035
63.3%
036
51.4%
East Point
©2019 CALIPER; ©2018 HERE
Illustrative Senate
Districts
0
1.5
3
Miles
District by BVAP

005
30.7%
GWINNETT
040
17.0%
Doraville
Chamblee
Lilburn
055
51.4%
Tucker
041
50.5%
009
50.9%
North Druid Hills
Clarkston
Stone Mountain
042
21.2%
Pine Lake
North Decatur
Scottdale
Decatur
Avondale Estates
Belvedere Park
DEKALB
Redan
010
69.8%
©2019 CALIPER; ©2018 HERE
Illustrative Senate
Districts
0 1 2
Miles
District by BVAP

041
50.5%
055
51.4%
009
50.9%
GWINNETT
025
22.0%
WALTON
Good Hope
Redan
Walnut Grove
Jersey
DEKALB
Lithonia
Lakeview Estates
Conyers
ROCKDALE
Social Circle
Rutledge
Oxford
Covington
MORGAN
010
69.8%
Porterdale
NEWTON
Stockbridge
043
58.1%
Mansfield
Newborn
HENRY
McDonough
Blacksville
017
62.5%
BUTTS
044
55.1%
©2019 CALIPER; ©2018 HERE
Illustrative Senate
Districts
0
3
6
Miles
District by BVAP

036
51.4%
FULTON
Union City
Fairburn
035
63.3%
034
77.8%
CLAYTON
Riverdale
Forest Park
Conley
Lake City
Morrow
Jonesboro
DEKALB
ROCKDALE
010
69.8%
Stockbridge
Oxford
Covington
Porterdale
NEWTON
043
58.1%
028
52.7%
Fayetteville
Bonanza
Lovejoy
HENRY
McDonough
Blacksville
017
62.5%
FAYETTE
016
19.0%
Woolsey
Hampton
044
55.1%
Sunny Side
Heron Bay
Locust Grove
JASPER
Jenkinsburg
Jackson
025
Senoia
Brooks
COWETA
Experiment
Griffin
East Griffin
SPALDING
Haralson
MERIWETHER
PIKE
Williamson
Orchard Hill
LAMAR
©2019 CALIPER; ©2018 HERE
Illustrative Senate
Districts
0 3 6
Miles
District by BVAP

048
15.6%
005
30.7%
Doraville
Lilburn
GWINNETT
Grayson
040
17.0%
85
055
51.4%
Snellville
Tucker
041
50.5%
009
50.9%
Clarkston
Stone Mountain
WALTON
285
Pine Lake
Scottdale
025
22.0%
Avondale Estates
DEKALB
Belvedere Park
042
21.2%
Redan
Illustrative Senate
Districts
0
1.5
3
Miles
District by BVAP
Candler-McAfee
043
58.1%
20
017
62.5%
Lithonia
Panthersville
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Lakeview Estates

REVISED EXHIBIT O

Population Summary Report

Georgia State Senate --Illustrative Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbents
001	190422	-0.45%	145737	37684	25.86%	88176	60.50%	24.69%	6.29%	2.52%	33.50%	65.14%	1
002	193187	0.99%	153029	71064	46.44%	62214	40.66%	52.60%	4.26%	1.50%	58.37%	40.79%	1
003	189593	-0.88%	147133	27905	18.97%	105980	72.03%	20.79%	3.07%	1.31%	25.18%	73.98%	1
004	189778	-0.79%	144615	33866	23.42%	98287	67.96%	24.08%	2.63%	0.95%	27.65%	71.69%	1
005	189565	-0.90%	138831	42588	30.68%	29419	21.19%	37.68%	17.32%	11.14%	66.15%	32.70%	1
006	192162	0.46%	144728	72518	50.11%	38268	26.44%	53.94%	9.79%	2.45%	66.17%	33.41%	1
007	191638	0.19%	145231	47324	32.59%	83604	57.57%	32.13%	4.00%	1.15%	37.27%	61.87%	1
008	190960	-0.17%	144081	35029	24.31%	92298	64.06%	26.19%	4.89%	0.46%	31.53%	67.73%	1
009	190917	-0.19%	139935	71186	50.87%	40414	28.88%	50.27%	6.60%	5.01%	61.89%	37.26%	1
010	192564	0.67%	150543	105014	69.76%	33702	22.39%	70.00%	2.80%	1.61%	74.42%	24.98%	1
011	193080	0.94%	146576	43588	29.74%	88210	60.18%	30.87%	3.35%	0.43%	34.65%	64.53%	1
012	192997	0.90%	150855	86499	57.34%	56492	37.45%	58.64%	1.34%	0.73%	60.71%	38.74%	1
013	189512	-0.93%	146437	46703	31.89%	91125	62.23%	32.66%	2.21%	0.49%	35.35%	64.19%	1
014	189408	-0.98%	144804	13381	9.24%	107883	74.50%	9.18%	5.48%	1.39%	16.05%	83.02%	1
015	190014	-0.66%	144217	73953	51.28%	54825	38.02%	50.56%	5.48%	1.73%	57.77%	40.95%	1
016	192188	0.47%	147817	28084	19.00%	104658	70.80%	19.45%	3.29%	1.31%	24.05%	74.81%	1
017	190669	-0.32%	144304	90131	62.46%	44015	30.50%	58.65%	2.75%	1.42%	62.82%	36.47%	1
018	192402	0.58%	149925	39525	26.36%	98905	65.97%	26.25%	3.12%	1.70%	31.08%	68.10%	1
019	190681	-0.32%	136842	17295	12.64%	75740	55.35%	12.09%	6.70%	10.58%	29.37%	69.77%	1
020	190672	-0.32%	144582	44771	30.97%	85398	59.07%	31.82%	3.54%	1.81%	37.17%	62.34%	3
021	190228	-0.55%	143818	11810	8.21%	103899	72.24%	7.93%	5.29%	4.07%	17.29%	81.94%	1
022	192096	0.42%	150253	78364	52.15%	58156	38.71%	52.64%	4.12%	1.80%	58.57%	40.48%	1
023	193019	0.91%	150895	76265	50.54%	66957	44.37%	51.51%	1.90%	0.71%	54.12%	45.58%	0
024	189380	-1.00%	141326	28529	20.19%	94552	66.90%	19.38%	4.31%	3.00%	26.69%	72.23%	1
025	193153	0.98%	148510	32688	22.01%	105624	71.12%	22.67%	2.03%	0.76%	25.46%	74.15%	1
026	191806	0.27%	147242	79463	53.97%	55112	37.43%	55.20%	2.59%	0.91%	58.70%	40.38%	1
027	192327	0.55%	140032	6859	4.90%	99309	70.92%	3.84%	5.52%	4.74%	14.10%	85.27%	1
028	189511	-0.93%	144559	76234	52.74%	52312	36.19%	51.25%	4.28%	2.48%	58.01%	41.27%	1
029	192563	0.67%	148231	32337	21.82%	103502	69.82%	22.52%	2.59%	1.71%	26.81%	72.42%	1
030	191048	-0.12%	143290	40806	28.48%	86001	60.02%	26.49%	4.17%	0.86%	31.52%	67.30%	1
031	192838	0.81%	142871	20412	14.29%	108330	75.82%	12.58%	3.78%	0.81%	17.17%	82.28%	1
032	191998	0.37%	146873	16153	11.00%	101532	69.13%	10.55%	4.88%	6.07%	21.50%	77.60%	1
033	190485	-0.42%	152184	46655	30.66%	69048	45.37%	31.76%	7.31%	4.64%	43.71%	55.22%	0
034	192385	0.58%	141537	110176	77.84%	9886	6.98%	81.66%	4.48%	3.15%	89.29%	9.66%	1
035	190400	-0.46%	144171	91223	63.27%	42330	29.36%	62.32%	3.35%	0.58%	66.25%	33.25%	1
036	189709	-0.82%	155038	79675	51.39%	56246	36.28%	52.74%	3.72%	2.40%	58.87%	40.48%	1
037	191504	0.12%	148063	30815	20.81%	94452	63.79%	19.95%	5.42%	3.59%	28.96%	70.24%	1
038	190975	-0.16%	146599	80528	54.93%	50242	34.27%	55.64%	3.94%	1.59%	61.17%	38.14%	1
039	192517	0.64%	164280	84589	51.49%	57870	35.23%	55.63%	3.38%	4.57%	63.57%	35.72%	1
040	190619	-0.35%	148386	25289	17.04%	77864	52.47%	18.21%	5.78%	8.52%	32.50%	66.67%	1
041	192030	0.39%	143295	72313	50.46%	27568	19.24%	59.17%	5.82%	7.79%	72.78%	26.32%	1
042	190728	-0.29%	152760	32390	21.20%	86335	56.52%	23.86%	4.26%	5.71%	33.82%	65.21%	1
043	192877	0.83%	145032	84221	58.07%	48236	33.26%	55.83%	3.82%	0.95%	60.60%	38.61%	1
044	190473	-0.42%	143652	79117	55.08%	43805	30.49%	52.66%	5.29%	4.82%	62.77%	36.43%	1
045	189946	-0.70%	143418	36029	25.12%	57640	40.19%	24.68%	9.62%	11.80%	46.09%	53.06%	0
046	191838	0.29%	154586	31072	20.10%	101026	65.35%	23.54%	3.76%	2.88%	30.17%	69.04%	1
047	192337	0.55%	143977	14539	10.10%	109022	75.72%	9.56%	4.98%	2.22%	16.76%	82.43%	1
048	192864	0.83%	146388	22776	15.56%	62046	42.38%	17.14%	7.44%	19.14%	43.72%	55.48%	1
049	193020	0.91%	146060	11833	8.10%	92038	63.01%	8.83%	12.41%	2.03%	23.26%	75.92%	1
050	193087	0.94%	151880	16419	10.81%	121009	79.67%	11.88%	3.12%	0.94%	15.94%	83.31%	1
051	192202	0.48%	157732	2079	1.32%	142041	90.05%	1.44%	2.40%	0.54%	4.38%	94.49%	1
052	189397	-0.99%	145086	17368	11.97%	106752	73.58%	11.81%	5.27%	0.99%	18.07%	81.27%	1
053	190553	-0.38%	148171	6801	4.59%	130398	88.01%	4.46%	1.81%	0.73%	7.00%	91.96%	1
054	189836	-0.76%	143725	4156	2.89%	106459	74.07%	3.23%	9.89%	0.75%	13.87%	83.97%	1
055	189516	-0.92%	144254	74077	51.35%	42999	29.81%	53.66%	4.69%	6.02%	64.37%	34.69%	1
056	190234	-0.55%	151878	25818	17.00%	92122	60.66%	18.15%	5.83%	4.34%	28.32%	70.99%	2
Total 2020 Pop.	**10,711,908**	**1.99%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**						
Majority Districts					**19**			**20**			**21**	**35**	

CVAP Source:
* 2015-19 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017)

Source for disaggregation: Redistricting Data Hub
https://redistrictingdatahub.org/dataset/georgia-cvap-data-disaggregated-to-the-2020-block-level-2019/

EXHIBIT P-1

Georgia Senate
Illustrative_
0 4 8
Miles
District by BVAP
030
28.5%
039
51.5%
036
51.4%
010
69.8%
034
77.8%
035
63.3%
017
62.5%
028
52.7%
044
55.1%
029
21.8%
Villa Rica
DOUGLAS
Candler-McAfee
Redan
DEKALB
College Park
Forest Park
CLAYTON
Union City
Riverdale
FULTON
Fairburn
Stockbridge
CARROLL
NEWTON
Fayetteville
McDonough
FAYETTE
Peachtree City
HENRY
Newnan
COWETA
Jackson
HEARD
BUTTS
Griffin
SPALDING
Hogansville
TROUP
MERIWETHER
PIKE
LAMAR
MONROE
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EXHIBIT P-2

Georgia Senate
2021_Plan_
0 4 8
Miles
District by BVAP
036
51.3%
035
71.9%
039
60.7%
034
69.5%
044
71.3%
010
71.5%
028
19.5%
016
22.7%
Villa Rica
DOUGLAS
East Point
College Park
Candler-McAfee
Redan
DEKALB
Forest Park
CLAYTON
Union City
Riverdale
FULTON
Fairburn
Stockbridge
CARROLL
NEWTON
Fayetteville
McDonough
FAYETTE
Peachtree City
HENRY
Newnan
COWETA
Jackson
HEARD
BUTTS
Griffin
SPALDING
Hogansville
TROUP
MERIWETHER
PIKE
LAMAR
MONROE
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EXHIBIT Q-1

Georgia Senate
Illustrative_
0 4 8
Miles
District by BVAP
GWINNETT
BARROW
Chamblee
Lilburn
North Atlanta
Tucker
Snellville
Loganville
041
50.5%
009
50.9%
042
21.2%
Clarkston
Decatur
055
51.4%
Decatur
Monroe
WALTON
Belvedere Park
Redan
Candler-McAfee
DEKALB
046
20.1%
GREENE
Conyers
ROCKDALE
010
69.8%
Covington
043
58.1%
NEWTON
Madison
Stockbridge
017
62.5%
MORGAN
McDonough
HENRY
044
55.1%
JASPER
025
22.0%
PUTNAM
BUTTS
Eatonton
Jackson
SPALDING
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EXHIBIT Q-2

Georgia Senate
2021_Plan_
0 4 8
Miles
District by BVAP
GWINNETT
BARROW
CLARKE
OCONEE
WALTON
DEKALB
ROCKDALE
NEWTON
MORGAN
GREENE
HENRY
JASPER
PUTNAM
SPALDING
BUTTS
009
29.5%
046
16.9%
041
62.6%
055
66.0%
043
64.3%
017
32.0%
010
71.5%
Lilburn
Snellville
Tucker
Loganville
Monroe
Redan
Conyers
Covington
Madison
Greensboro
Stockbridge
McDonough
Eatonton
Jackson
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EXHIBIT R-1

Georgia Senate
Illustrative_
0 7.5 15
Miles
District by BVAP
009
50.9%
043
58.1%
046
20.1%
024
20.2%
025
22.0%
022
52.2%
023
50.5%
026
54.0%
004
23.4%
013
WALTON
OCONEE
OGLETHORPE
WILKES
LINCOLN
GREENE
TALIAFERRO
COLUMBIA
MORGAN
MCDUFFIE
WARREN
RICHMOND
JASPER
PUTNAM
HANCOCK
GLASCOCK
BUTTS
BALDWIN
JEFFERSON
BURKE
MONROE
JONES
WASHINGT
JENKINS
BIBB
WILKINSON
SCREVEN
TWIGGS
JOHNSON
EMANUEL
PEACH
LAURENS
BULLOCH
HOUSTON
BLECKLEY
TREUTLEN
CANDLER
PULASKI
DODGE
TOOMBS
WHEELER
Monroe
Madison
Greensboro
Washington
Edgefie
Martinez
Augusta
Grovetown
Williston
Barnwell
Jackson
Eatonton
Forsyth
Milledgeville
Waynesboro
Macon
Millen
Sylvania
Warner Robins
Swainsboro
Dublin
Statesboro
Metter
Perry
Cochran
Soperton
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EXHIBIT R-2

Georgia Senate
2021_Plan_
0 7.5 15
Miles
District by BVAP
16.9%
024
19.9%
017
32.0%
022
56.5%
025
33.5%
026
57.0%
023
35.5%
004
23.4%
Loganville
Monroe
WALTON
OCONEE
OGLETHORPE
WILKES
Washington
LINCOLN
Edgefie
Covington
NEWTON
Madison
MORGAN
GREENE
Greensboro
TALIAFERRO
COLUMBIA
Martinez
Augusta
MCDUFFIE
Grovetown
WARREN
Williston
JASPER
Jackson
BUTTS
Eatonton
PUTNAM
HANCOCK
GLASCOCK
Barnwell
BALDWIN
Milledgeville
Waynesboro
BURKE
JEFFERSON
Forsyth
MONROE
JONES
WASHINGTON
Sandersville
Macon
BIBB
WILKINSON
JENKINS
Millen
Sylvania
SCREEN
TWIGGS
JOHNSON
EMANUEL
Warner Robins
Swainsboro
PEACH
Dublin
LAURENS
BULLOCH
Statesboro
Perry
BLECKLEY
HOUSTON
Cochran
TREUTLEN
Soperton
Metter
CANDLER
PULASKI
DODGE
WHEELER
TOOMBS
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REVISED EXHIBIT S-1

User:
Plan Name: **Ga_Senate_Illustrative_Plan_Actual**
Plan Type: **Senate**

Measures of Compactness Report

Sunday, January 9, 2022 8:07 PM

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.11
Max	0.68	0.52
Mean	0.38	0.25
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
001	0.40	0.19
002	0.47	0.24
003	0.51	0.31
004	0.45	0.23
005	0.17	0.15
006	0.43	0.23
007	0.42	0.20
008	0.45	0.22
009	0.33	0.21
010	0.32	0.25
011	0.34	0.27

Measures of Compactness Report

Ga_Senate_Illustrative_Plan_A

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.11
Max	0.68	0.52
Mean	0.38	0.25
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
012	0.50	0.35
013	0.47	0.27
014	0.42	0.25
015	0.32	0.27
016	0.49	0.26
017	0.37	0.18
018	0.24	0.11
019	0.27	0.27
020	0.35	0.21
021	0.38	0.29
022	0.34	0.19
023	0.35	0.16
024	0.30	0.24
025	0.45	0.24

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.11
Max	0.68	0.52
Mean	0.38	0.25
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
026	0.27	0.15
027	0.50	0.45
028	0.49	0.22
029	0.32	0.23
030	0.43	0.26
031	0.54	0.43
032	0.38	0.26
033	0.42	0.17
034	0.56	0.40
035	0.28	0.21
036	0.19	0.16
037	0.68	0.52
038	0.24	0.17
039	0.22	0.18

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.11
Max	0.68	0.52
Mean	0.38	0.25
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
040	0.34	0.29
041	0.32	0.18
042	0.36	0.25
043	0.45	0.28
044	0.25	0.19
045	0.29	0.24
046	0.39	0.27
047	0.36	0.33
048	0.41	0.24
049	0.57	0.38
050	0.21	0.15
051	0.53	0.36
052	0.48	0.32
053	0.40	0.38

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.11
Max	0.68	0.52
Mean	0.38	0.25
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
054	**0.41**	**0.22**
055	**0.23**	**0.13**
056	**0.26**	**0.25**

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 S-2

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

Measures of Compactness Report

Thursday, January 6, 2022 3:35 PM

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.14	0.11
Max	0.68	0.62
Mean	0.43	0.27
Std. Dev.	0.11	0.10

District	Reock	Polsby-Popper
1	0.49	0.27
2	0.47	0.22
3	0.54	0.31
4	0.34	0.19
5	0.17	0.17
6	0.51	0.20
7	0.28	0.18
8	0.43	0.35
9	0.33	0.22
10	0.37	0.27
11	0.47	0.27

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.14	0.11
Max	0.68	0.62
Mean	0.43	0.27
Std. Dev.	0.11	0.10

District	Reock	Polsby-Popper
12	0.53	0.28
13	0.48	0.20
14	0.48	0.24
15	0.56	0.33
16	0.37	0.32
17	0.32	0.15
18	0.49	0.22
19	0.47	0.28
20	0.40	0.24
21	0.44	0.22
22	0.39	0.34
23	0.45	0.15
24	0.36	0.23
25	0.52	0.20

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.14	0.11
Max	0.68	0.62
Mean	0.43	0.27
Std. Dev.	0.11	0.10

District	Reock	Polsby-Popper
26	0.47	0.21
27	0.57	0.53
28	0.50	0.22
29	0.51	0.34
30	0.40	0.26
31	0.50	0.51
32	0.42	0.24
33	0.33	0.23
34	0.40	0.32
35	0.42	0.18
36	0.25	0.28
37	0.68	0.62
38	0.47	0.21
39	0.14	0.11

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.14	0.11
Max	0.68	0.62
Mean	0.43	0.27
Std. Dev.	0.11	0.10

District	Reock	Polsby-Popper
40	0.49	0.29
41	0.31	0.21
42	0.44	0.28
43	0.56	0.27
44	0.19	0.18
45	0.47	0.36
46	0.36	0.27
47	0.34	0.20
48	0.42	0.31
49	0.49	0.41
50	0.40	0.23
51	0.61	0.36
52	0.49	0.29
53	0.51	0.49

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.14	0.11
Max	0.68	0.62
Mean	0.43	0.27
Std. Dev.	0.11	0.10

District	Reock	Polsby-Popper
54	0.44	0.27
55	0.25	0.23
56	0.43	0.27

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 S-3

User:
Plan Name: **Senate 2021 Plan**
Plan Type: **Senate**

Measures of Compactness Report

Thursday, January 6, 2022 3:33 PM

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.12
Max	0.68	0.50
Mean	0.42	0.29
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
1	0.49	0.31
2	0.47	0.22
3	0.39	0.21
4	0.47	0.27
5	0.17	0.21
6	0.41	0.24
7	0.35	0.34
8	0.45	0.23
9	0.24	0.21
10	0.28	0.23
11	0.36	0.33

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.12
Max	0.68	0.50
Mean	0.42	0.29
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
12	0.62	0.39
13	0.45	0.26
14	0.27	0.24
15	0.57	0.32
16	0.37	0.31
17	0.35	0.17
18	0.47	0.21
19	0.53	0.37
20	0.41	0.36
21	0.42	0.33
22	0.41	0.29
23	0.37	0.16
24	0.37	0.21
25	0.39	0.24

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.12
Max	0.68	0.50
Mean	0.42	0.29
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
26	0.47	0.20
27	0.50	0.46
28	0.45	0.25
29	0.58	0.42
30	0.60	0.41
31	0.37	0.38
32	0.29	0.21
33	0.40	0.22
34	0.45	0.34
35	0.47	0.26
36	0.32	0.29
37	0.49	0.37
38	0.36	0.21
39	0.17	0.12

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.12
Max	0.68	0.50
Mean	0.42	0.29
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
40	0.51	0.34
41	0.51	0.30
42	0.48	0.32
43	0.64	0.35
44	0.18	0.19
45	0.35	0.30
46	0.37	0.21
47	0.36	0.19
48	0.35	0.34
49	0.46	0.34
50	0.45	0.23
51	0.68	0.50
52	0.47	0.25
53	0.49	0.40

Measures of Compactness Report

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.17	0.12
Max	0.68	0.50
Mean	0.42	0.29
Std. Dev.	0.11	0.08

District	Reock	Polsby-Popper
54	0.60	0.44
55	0.34	0.27
56	0.38	0.30

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.

REVISED EXHIBIT T-1

User:
Plan Name: **Ga_Senate_Illustrative_Plan_Actual**
Plan Type: **Senate**

Political Subdivison Splits Between Districts

Sunday, January 9, 2022 8:12 PM

Split Counts

Number of subdivisions split into more than one district:

County	33

Number of splits involving no population:

County	0

Number of times a subdivision is split into multiple districts:

County	59
Voting District	58

County	District	Population
Split Counties:		
Bartow GA	014	38,068
Bartow GA	031	9,970
Bartow GA	052	52,270
Bartow GA	054	8,593
Berrien GA	007	5,909
Berrien GA	011	12,251
Bibb GA	018	61,973
Bibb GA	026	95,373
Bryan GA	001	23,062
Bryan GA	004	21,676
Bulloch GA	004	78,285
Bulloch GA	008	2,814
Carroll GA	029	39,161
Carroll GA	030	79,987
Charlton GA	003	1,614
Charlton GA	007	10,904
Chatham GA	001	102,104
Chatham GA	002	193,187
Cherokee GA	014	151,340
Cherokee GA	021	115,280
Clayton GA	028	73,570
Clayton GA	034	139,632
Clayton GA	044	84,393
Cobb GA	006	192,162
Cobb GA	032	191,998
Cobb GA	033	190,485
Cobb GA	037	191,504
Coweta GA	016	62,034
Coweta GA	029	15,255
Coweta GA	035	68,869
DeKalb GA	009	12,903
DeKalb GA	010	116,405
DeKalb GA	017	57,301

Political Subdivison Splits Between Districts

Ga_Senate_Illustrative_Plan_A

County	District	Population
DeKalb GA	040	140,179
DeKalb GA	041	135,790
DeKalb GA	042	190,728
DeKalb GA	043	35,612
DeKalb GA	055	75,464
Douglas GA	030	52,496
Douglas GA	038	91,741
Fayette GA	016	44,452
Fayette GA	028	74,742
Forsyth GA	019	58,956
Forsyth GA	027	192,327
Fulton GA	021	74,948
Fulton GA	034	52,753
Fulton GA	035	121,531
Fulton GA	036	189,709
Fulton GA	038	99,234
Fulton GA	039	192,517
Fulton GA	040	50,440
Fulton GA	048	95,344
Fulton GA	056	190,234
Gordon GA	052	38,543
Gordon GA	054	19,001
Gwinnett GA	005	189,565
Gwinnett GA	009	178,014
Gwinnett GA	019	131,725
Gwinnett GA	041	56,240
Gwinnett GA	045	189,946
Gwinnett GA	048	97,520
Gwinnett GA	055	114,052
Hall GA	049	193,020
Hall GA	051	10,116
Henry GA	010	76,159
Henry GA	017	84,580
Henry GA	044	79,973
Houston GA	020	89,465
Houston GA	023	17,798
Houston GA	026	56,370
Madison GA	047	21,345
Madison GA	050	8,775
McDuffie GA	022	12,652
McDuffie GA	024	8,980
Muscogee GA	015	184,281
Muscogee GA	029	22,641
Paulding GA	030	58,565
Paulding GA	031	110,096
Putnam GA	025	19,594
Putnam GA	046	2,453

Political Subdivison Splits Between Districts

Ga_Senate_Illustrative_Plan_A

County	District	Population
Richmond GA	022	171,345
Richmond GA	023	35,262
Rockdale GA	017	48,788
Rockdale GA	043	44,782
Spalding GA	028	41,199
Spalding GA	044	26,107
Sumter GA	012	22,647
Sumter GA	018	6,969
Walton GA	025	85,093
Walton GA	047	11,580
Whitfield GA	053	13,811
Whitfield GA	054	89,053
Split VTDs:		
Bartow GA	014	11,564
Bartow GA	054	17
Bartow GA	014	39
Bartow GA	052	16,566
Bartow GA	031	6,001
Bartow GA	052	1,436
Bryan GA	001	2,342
Bryan GA	004	1,291
Bryan GA	001	1,443
Bryan GA	004	2,293
Bryan GA	001	1,291
Bryan GA	004	4,165
Bulloch GA	004	12,359
Bulloch GA	008	320
Bulloch GA	004	10,420
Bulloch GA	008	286
Carroll GA	029	267
Carroll GA	030	5,697
Chatham GA	001	1,350
Chatham GA	002	886
Cherokee GA	014	67
Cherokee GA	021	9,994
Cobb GA	006	3,766
Cobb GA	033	406
Cobb GA	006	3,735
Cobb GA	033	1,361
Cobb GA	032	599
Cobb GA	037	3,844
Cobb GA	006	6,260
Cobb GA	033	0
Cobb GA	006	408
Cobb GA	033	9,586
Cobb GA	006	4,220
Cobb GA	033	4,679

Political Subdivison Splits Between Districts

Ga_Senate_Illustrative_Plan_A

County	District	Population
Cobb GA	006	20
Cobb GA	033	4,314
Cobb GA	006	6,108
Cobb GA	033	18
Cobb GA	006	11,408
Cobb GA	033	1,580
Cobb GA	037	0
Cobb GA	006	1,356
Cobb GA	033	7,239
Coweta GA	016	2,198
Coweta GA	035	967
Coweta GA	016	2,391
Coweta GA	035	2,677
Coweta GA	016	12,601
Coweta GA	035	1,510
Coweta GA	016	3,245
Coweta GA	035	2,690
DeKalb GA	040	775
DeKalb GA	041	4,135
Fayette GA	016	3,333
Fayette GA	028	1,190
Forsyth GA	019	935
Forsyth GA	027	24,923
Fulton GA	021	1,084
Fulton GA	056	2,734
Fulton GA	035	1,388
Fulton GA	038	11
Fulton GA	034	6,151
Fulton GA	035	14
Fulton GA	034	624
Fulton GA	035	35
Gwinnett GA	005	197
Gwinnett GA	009	8,636
Gwinnett GA	009	4,502
Gwinnett GA	045	6,610
Gwinnett GA	009	2,346
Gwinnett GA	045	1,858
Henry GA	010	6,521
Henry GA	017	631
Henry GA	010	4,704
Henry GA	017	1,084
Madison GA	047	278
Madison GA	050	746
Madison GA	047	253
Madison GA	050	1,977
Madison GA	047	4,114
Madison GA	050	68

Political Subdivison Splits Between Districts

Ga_Senate_Illustrative_Plan_A

County	District	Population
Madison GA	047	86
Madison GA	050	262
McDuffie GA	022	1,902
McDuffie GA	024	45
McDuffie GA	022	3,825
McDuffie GA	024	454
McDuffie GA	022	1,679
McDuffie GA	024	974
McDuffie GA	022	14
McDuffie GA	024	1,286
Paulding GA	030	8,775
Paulding GA	031	5,221
Paulding GA	030	561
Paulding GA	031	21,593
Putnam GA	025	1,990
Putnam GA	046	2,453
Richmond GA	022	6,574
Richmond GA	023	666
Richmond GA	022	2,794
Richmond GA	023	74
Rockdale GA	017	5,131
Rockdale GA	043	5
Rockdale GA	017	428
Rockdale GA	043	10,539
Sumter GA	012	153
Sumter GA	018	2,528
Sumter GA	012	6,105
Sumter GA	018	12
Sumter GA	012	5,204
Sumter GA	018	422
Walton GA	025	2,859
Walton GA	047	1,578
Walton GA	025	1,388
Walton GA	047	3,912

EXHIBIT T-2

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

Political Subdivison Splits Between Districts

Thursday, January 6, 2022 1:49 PM

Split Counts

Number of subdivisions split into more than one district:

County	38

Number of splits involving no population:

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 T-3

User:
Plan Name: **GA_senate_DRA**
Plan Type: **Senate**

Political Subdivison Splits Between Districts

Thursday, January 6, 2022 1:46 PM

Split Counts

Number of subdivisions split into more than one district:

County	32

Number of splits involving no population:

County	3

Number of times a subdivision is split into multiple districts:

County	63
Voting District	60

County	District	Population
Split Counties:		
Barrow GA	45	39,217
Barrow GA	46	17,116
Barrow GA	47	27,172
Bartow GA	37	11,130
Bartow GA	52	97,771
Bibb GA	18	53,182
Bibb GA	25	15,513
Bibb GA	26	88,651
Chatham GA	1	81,408
Chatham GA	2	190,408
Chatham GA	4	23,475
Cherokee GA	21	109,034
Cherokee GA	32	90,981
Cherokee GA	56	66,605
Clarke GA	46	52,016
Clarke GA	47	76,655
Clayton GA	34	158,608
Clayton GA	44	138,987
Cobb GA	6	92,249
Cobb GA	32	101,467
Cobb GA	33	192,694
Cobb GA	37	181,541
Cobb GA	38	108,305
Cobb GA	56	89,893
Coffee GA	13	19,881
Coffee GA	19	23,211
Columbia GA	23	59,796
Columbia GA	24	96,214
DeKalb GA	10	75,906
DeKalb GA	40	164,997
DeKalb GA	41	183,560
DeKalb GA	42	190,940
DeKalb GA	43	32,212

Political Subdivison Splits Between Districts

GA_senate_DRA

County	District	Population
DeKalb GA	44	51,049
DeKalb GA	55	65,718
Douglas GA	28	25,889
Douglas GA	30	23,454
Douglas GA	35	94,894
Effingham GA	1	0
Effingham GA	4	64,769
Fayette GA	16	87,134
Fayette GA	34	32,060
Floyd GA	52	85,090
Floyd GA	53	13,494
Forsyth GA	27	190,676
Forsyth GA	48	60,607
Fulton GA	6	99,152
Fulton GA	14	192,533
Fulton GA	21	83,538
Fulton GA	28	6,963
Fulton GA	35	97,945
Fulton GA	36	192,282
Fulton GA	38	84,850
Fulton GA	39	191,500
Fulton GA	48	83,219
Fulton GA	56	34,728
Gordon GA	52	7,938
Gordon GA	54	49,606
Gwinnett GA	5	191,921
Gwinnett GA	7	189,709
Gwinnett GA	9	192,915
Gwinnett GA	40	25,547
Gwinnett GA	41	7,463
Gwinnett GA	45	151,475
Gwinnett GA	46	27,298
Gwinnett GA	48	46,297
Gwinnett GA	55	124,437
Hall GA	49	189,355
Hall GA	50	13,781
Henry GA	10	116,992
Henry GA	17	82,287
Henry GA	25	41,433
Houston GA	18	42,875
Houston GA	20	74,275
Houston GA	26	46,483
Jackson GA	47	56,660
Jackson GA	50	19,247
Lowndes GA	8	118,251
Lowndes GA	11	0
Macon GA	12	0

Political Subdivison Splits Between Districts

GA_senate_DRA

County	District	Population
Macon GA	15	12,082
Muscogee GA	15	142,205
Muscogee GA	29	64,717
Newton GA	17	45,536
Newton GA	43	66,947
Paulding GA	30	18,954
Paulding GA	31	149,707
Richmond GA	22	193,163
Richmond GA	23	13,444
Walton GA	17	44,590
Walton GA	46	52,083
Ware GA	3	10,431
Ware GA	8	25,820
White GA	50	12,642
White GA	51	15,361
Split VTDs:		
Bibb GA	18	5,912
Bibb GA	25	31
Bibb GA	18	5,445
Bibb GA	25	0
Bibb GA	26	0
Bibb GA	18	12,640
Bibb GA	25	14
Bibb GA	18	267
Bibb GA	25	2,103
Bibb GA	18	7,940
Bibb GA	26	0
Chatham GA	1	4,099
Chatham GA	4	755
Chatham GA	1	5,330
Chatham GA	4	4,407
Chatham GA	2	0
Chatham GA	4	5,207
Clarke GA	46	5,752
Clarke GA	47	4,194
Clarke GA	46	2,971
Clarke GA	47	2,036
Cobb GA	6	6,586
Cobb GA	33	6,310
Cobb GA	38	505
Cobb GA	32	3,771
Cobb GA	37	2,099
Cobb GA	32	1,471
Cobb GA	37	2,972
Cobb GA	32	3,439
Cobb GA	33	5,460
Cobb GA	6	0

Political Subdivison Splits Between Districts

GA_senate_DRA

County	District	Population
Cobb GA	33	4,334
Cobb GA	6	3,022
Cobb GA	32	1,532
Cobb GA	33	0
Cobb GA	6	993
Cobb GA	33	5,918
Cobb GA	6	2,398
Cobb GA	38	3,728
Cobb GA	33	7,049
Cobb GA	38	752
Cobb GA	33	12,988
Cobb GA	37	0
Cobb GA	6	4,963
Cobb GA	33	464
Cobb GA	6	5,051
Cobb GA	33	1,886
Cobb GA	6	4,624
Cobb GA	38	5,019
Coffee GA	13	12,595
Coffee GA	19	15,976
DeKalb GA	41	2,963
DeKalb GA	55	0
Douglas GA	30	3,762
Douglas GA	35	0
Effingham GA	1	0
Effingham GA	4	2,105
Floyd GA	52	1,024
Floyd GA	53	7,817
Forsyth GA	27	15,216
Forsyth GA	48	10,302
Forsyth GA	27	24,894
Forsyth GA	48	964
Fulton GA	36	1,954
Fulton GA	39	0
Fulton GA	21	2,971
Fulton GA	56	4,750
Fulton GA	21	4,274
Fulton GA	56	3,958
Fulton GA	35	223
Fulton GA	39	5,124
Fulton GA	35	1,852
Fulton GA	39	521
Gordon GA	52	1,641
Gordon GA	54	996
Gordon GA	52	888
Gordon GA	54	0
Gwinnett GA	45	2,699

Political Subdivison Splits Between Districts

GA_senate_DRA

County	District	Population
Gwinnett GA	46	4,613
Gwinnett GA	5	2,075
Gwinnett GA	9	1,386
Gwinnett GA	5	5,605
Gwinnett GA	7	2,701
Hall GA	49	5,135
Hall GA	50	1,735
Hall GA	49	4,129
Hall GA	50	10,220
Houston GA	18	5,178
Houston GA	20	8,151
Houston GA	18	3,625
Houston GA	20	9,869
Houston GA	20	0
Houston GA	26	17,798
Jackson GA	47	24,383
Jackson GA	50	0
Jackson GA	47	0
Jackson GA	50	19,247
Lowndes GA	8	7,212
Lowndes GA	11	0
Macon GA	12	0
Macon GA	15	3,614
Muscogee GA	15	6,919
Muscogee GA	29	2,228
Newton GA	17	2,971
Newton GA	43	0
Paulding GA	30	7,586
Paulding GA	31	2,162
Paulding GA	30	475
Paulding GA	31	12,958
Ware GA	3	2,672
Ware GA	8	3,692
Ware GA	3	0
Ware GA	8	4,133
Ware GA	3	0
Ware GA	8	2,107
Ware GA	3	4,626
Ware GA	8	406

EXHIBIT U

Georgia Senate
2015 House
Region A
Region B
Region C
0 15 30
Miles
District by BVAP
070 21.7%
071 11.7%
069 16.4%
073 35.1%
110 38.5%
130 36.3%
132 42.2%
129 26.2%
145 38.9%
128 54.6%
127 52.6%
124 56.1%
125 57.0%
126 59.8%
131 23.8%
141 29.1%
133 19.5%
137 51.5%
140 34.7%
142 66.4%
143 61.2%
144 27.2%
134 21.5%
136 62.6%
147 34.7%
146 28.1%
150 35.2%
158 33.3%
139 55.4%
138 38.4%
148 34.9%
149 33.0%
160 22.7%
161 25.2%
162 51.2%
156 22.9%
157 26.6%
164 28.7%
151 53.5%
152 24.2%
153 65.2%
155 27.9%
169 24.5%
168 47.8%
167 20.6%
178 8.5%
154 60.6%
171 38.6%
172 27.7%
170 23.2%
176 24.5%
179 28.4%
180 18.9%
GREENE
WARREN
HANCOCK
JASPER
PUTNAM
BUTTS
JONES
WASHINGTON
JEFFERSON
BURKE
JENKINS
TROUP
PIKE
LAMAR
UPSON
HARRIS
TALBOT
TAYLOR
WILKINSON
JOHNSON
CHATTAHOOCHEE
BLECKLEY
LAURENS
TREUTLEN
CANDLER
BULLOCH
EFFINGHAM
STEWART
SUMTER
DOOLY
PULASKI
DODGE
TOOMBS
EVANS
BRYAN
QUITMAN
TERRELL
LEE
WILCOX
CRISP
TELFAIR
LIBERTY
LONG
CLAY
CALHOUN
DOUGHERTY
TURNER
BEN HILL
IRWIN
APPLING
WAYNE
COFFEE
WORTH
TIFT
EARLY
BAKER
COLQUITT
ATKINSON
GLYNN
BRANTLEY
MILLER
COOK
LANIER
WARE
CAMDEN
DECATUR
GRADY
THOMAS
LOWNDES
CLINCH
Hogansville
Peachtree City
Jackson
Griffin
Forsyth
Lanett
Manchester
Valley
Fort Valley
Dublin
Swainsboro
Statesboro
Cochran
Hawkinsville
Montezuma
Vidalia
Rincon
Richland
Americus
Cordele
Hazlehurst
Baxley
Georgetown
Leesburg
Abbeville
Sylvester
Douglas
Alma
Jesup
Blakely
Headland
Camilla
Blackshear
Waycross
Donalsonville
Homerville
Bainbridge
Cairo
Williston
Thomson
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EXHIBIT V-1

Georgia House Districts- 2015

Client: State
Plan: House15
Type: House

Dade
Catoosa
Walker
Whitfield
Murray
Chattooga
Gordon
Floyd
Polk
Bartow
Cherokee
Paulding
Haralson
Douglas
Carroll
Cobb
Fulton
Fayette
Lowndes
Heard
Troup
Meriwether
Pike
Lamar
Upson
Spalding
Butts
Henry
Rockdale
Newton
Jasper
Putnam
Morgan
Greene
Taliaferro
Hancock
Washington
Wilkinson
Twiggs
Crawford
Monroe
Jones
Baldwin
Glascock
Jefferson
Burke
Richmond
McDuffie
Columbia
Warren
Lincoln
Wilkes
Oglethorpe
Madison
Elbert
Hart
Franklin
Stephens
Banks
Jackson
Barrow
Clarke
Walton
Gwinnett
Dawson
Lumpkin
White
Habersham
Rabun
Towns
Union
Fannin
Gilmer
Pickens
Murray
Harris
Talbot
Muscogee
Chattahoochee
Marion
Schley
Stewart
Webster
Sumter
Lee
Quitman
Randolph
Terrell
Clay
Calhoun
Dougherty
Baker
Early
Miller
Seminole
Decatur
Grady
Thomas
Brooks
Colquitt
Worth
Tift
Berrien
Cook
Lanier
Echols
Clinch
Ware
Charlton
Camden
Glynn
Brantley
Pierce
Wayne
McIntosh
Liberty
Long
Bacon
Appling
Jeff Davis
Coffee
Atkinson
Ben Hill
Turner
Irwin
Telfair
Wilcox
Crisp
Dooly
Pulaski
Dodge
Wheeler
Montgomery
Toombs
Tattnall
Evans
Bryan
Chatham
Effingham
Bulloch
Candler
Treutlen
Emanuel
Jenkins
Screven
Johnson
Laurens
Bleckley
Houston
Peach
Taylor
Macon
Upson
Pike
Lamar
Meriwether
Troup
Harris
Talbot
Muscogee
Chattahoochee
Marion
Schley
Stewart
Webster
Sumter
Lee
Quitman
Randolph
Terrell
Clay
Calhoun
Dougherty
Baker
Early
Miller
Seminole
Decatur
Grady
Thomas
Brooks
Colquitt
Worth
Tift
Berrien
Cook
Lanier
Lowndes

Client: State
Plan: House15
Type: House

Georgia House Districts- 2015

Georgia House Districts- 2015

Client: State
Plan: House15
Type: House

Georgia House Districts- 2015

Client: State
Plan: House15
Type: House

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
001		53,612	-208	-0.39%	1,535	2.86%	262	1,797	3.35%	908	1.69%
	VAP	41,298			1,115	2.70%	51	1,166	2.82%	539	1.31%
002		53,910	90	0.17%	1,946	3.61%	365	2,311	4.29%	1,772	3.29%
	VAP	40,653			1,515	3.73%	68	1,583	3.89%	1,029	2.53%
003		53,366	-454	-0.84%	1,233	2.31%	356	1,589	2.98%	1,231	2.31%
	VAP	40,240			837	2.08%	78	915	2.27%	739	1.84%
004		54,120	300	0.56%	2,526	4.67%	371	2,897	5.35%	22,063	40.77%
	VAP	38,389			1,959	5.10%	108	2,067	5.38%	12,869	33.52%
005		53,589	-231	-0.43%	1,907	3.56%	378	2,285	4.26%	7,921	14.78%
	VAP	38,998			1,439	3.69%	114	1,553	3.98%	4,695	12.04%
006		53,968	148	0.27%	1,079	2.00%	302	1,381	2.56%	11,676	21.64%
	VAP	38,578			732	1.90%	80	812	2.10%	6,563	17.01%
007		54,058	238	0.44%	220	0.41%	109	329	0.61%	3,141	5.81%
	VAP	43,050			145	0.34%	35	180	0.42%	1,876	4.36%
008		53,905	85	0.16%	341	0.63%	102	443	0.82%	2,111	3.92%
	VAP	43,921			225	0.51%	38	263	0.60%	1,367	3.11%
009		54,289	469	0.87%	484	0.89%	229	713	1.31%	2,405	4.43%
	VAP	41,849			385	0.92%	77	462	1.10%	1,538	3.68%
010		53,428	-392	-0.73%	1,709	3.20%	276	1,985	3.72%	5,147	9.63%
	VAP	40,720			1,451	3.56%	59	1,510	3.71%	2,880	7.07%
011		53,610	-210	-0.39%	547	1.02%	182	729	1.36%	3,485	6.50%
	VAP	40,794			397	0.97%	37	434	1.06%	1,979	4.85%
012		54,317	497	0.92%	4,835	8.90%	401	5,236	9.64%	3,021	5.56%
	VAP	41,793			3,800	9.09%	93	3,893	9.31%	1,792	4.29%
013		53,445	-375	-0.70%	10,927	20.45%	530	11,457	21.44%	6,711	12.56%
	VAP	40,153			7,827	19.49%	148	7,975	19.86%	4,030	10.04%
014		53,527	-293	-0.54%	3,436	6.42%	324	3,760	7.02%	2,658	4.97%
	VAP	39,442			2,482	6.29%	74	2,556	6.48%	1,530	3.88%
015		53,473	-347	-0.64%	6,982	13.06%	515	7,497	14.02%	4,980	9.31%
	VAP	39,649			4,875	12.30%	114	4,989	12.58%	2,965	7.48%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
016		53,926	106	0.20%	5,762	10.69%	421	6,183	11.47%	5,275	9.78%
	VAP	39,416			4,022	10.20%	76	4,098	10.40%	2,989	7.58%
017		54,036	216	0.40%	7,427	13.74%	625	8,052	14.90%	2,553	4.72%
	VAP	37,564			4,737	12.61%	204	4,941	13.15%	1,447	3.85%
018		53,682	-138	-0.26%	8,806	16.40%	661	9,467	17.64%	3,420	6.37%
	VAP	40,084			6,453	16.10%	175	6,628	16.54%	2,178	5.43%
019		54,164	344	0.64%	9,875	18.23%	678	10,553	19.48%	3,119	5.76%
	VAP	38,287			6,514	17.01%	219	6,733	17.59%	1,858	4.85%
020		53,679	-141	-0.26%	3,952	7.36%	515	4,467	8.32%	4,742	8.83%
	VAP	38,519			2,661	6.91%	171	2,832	7.35%	2,952	7.66%
021		54,040	220	0.41%	2,842	5.26%	407	3,249	6.01%	5,000	9.25%
	VAP	38,275			1,851	4.84%	118	1,969	5.14%	3,078	8.04%
022		54,090	270	0.50%	1,937	3.58%	304	2,241	4.14%	4,320	7.99%
	VAP	38,675			1,318	3.41%	116	1,434	3.71%	2,747	7.10%
023		53,852	32	0.06%	3,248	6.03%	470	3,718	6.90%	7,412	13.76%
	VAP	39,892			2,195	5.50%	150	2,345	5.88%	4,660	11.68%
024		54,284	464	0.86%	1,329	2.45%	249	1,578	2.91%	6,376	11.75%
	VAP	38,393			884	2.30%	85	969	2.52%	4,020	10.47%
025		54,157	337	0.63%	1,888	3.49%	257	2,145	3.96%	3,338	6.16%
	VAP	35,375			1,247	3.53%	92	1,339	3.79%	2,066	5.84%
026		54,311	491	0.91%	910	1.68%	206	1,116	2.05%	4,267	7.86%
	VAP	38,827			608	1.57%	63	671	1.73%	2,632	6.78%
027		53,326	-494	-0.92%	1,741	3.26%	293	2,034	3.81%	7,710	14.46%
	VAP	39,263			1,254	3.19%	62	1,316	3.35%	4,404	11.22%
028		53,438	-382	-0.71%	3,399	6.36%	387	3,786	7.08%	2,351	4.40%
	VAP	40,671			2,532	6.23%	72	2,604	6.40%	1,370	3.37%
029		53,527	-293	-0.54%	6,698	12.51%	421	7,119	13.30%	23,417	43.75%
	VAP	37,452			4,682	12.50%	145	4,827	12.89%	13,600	36.31%
030		53,787	-33	-0.06%	3,993	7.42%	317	4,310	8.01%	13,870	25.79%
	VAP	39,178			2,920	7.45%	97	3,017	7.70%	8,081	20.63%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
031		53,585	-235	-0.44%	3,447	6.43%	387	3,834	7.15%	3,171	5.92%
	VAP	39,241			2,497	6.36%	99	2,596	6.62%	1,929	4.92%
032		54,017	197	0.37%	6,708	12.42%	399	7,107	13.16%	1,802	3.34%
	VAP	41,866			4,949	11.82%	82	5,031	12.02%	1,117	2.67%
033		53,537	-283	-0.53%	11,492	21.47%	272	11,764	21.97%	2,153	4.02%
	VAP	41,192			8,525	20.70%	94	8,619	20.92%	1,275	3.10%
034		54,162	342	0.64%	9,819	18.13%	697	10,516	19.42%	4,900	9.05%
	VAP	41,682			6,949	16.67%	317	7,266	17.43%	3,186	7.64%
035		53,394	-426	-0.79%	11,690	21.89%	730	12,420	23.26%	5,164	9.67%
	VAP	37,954			7,649	20.15%	268	7,917	20.86%	3,263	8.60%
036		54,192	372	0.69%	6,790	12.53%	357	7,147	13.19%	2,318	4.28%
	VAP	37,923			4,407	11.62%	133	4,540	11.97%	1,410	3.72%
037		54,233	413	0.77%	11,949	22.03%	700	12,649	23.32%	9,293	17.14%
	VAP	40,849			8,494	20.79%	319	8,813	21.57%	5,939	14.54%
038		53,921	101	0.19%	24,203	44.89%	981	25,184	46.71%	6,021	11.17%
	VAP	39,397			16,271	41.30%	406	16,677	42.33%	3,615	9.18%
039		54,192	372	0.69%	28,547	52.68%	924	29,471	54.38%	10,021	18.49%
	VAP	38,182			19,598	51.33%	409	20,007	52.40%	6,010	15.74%
040		53,978	158	0.29%	11,978	22.19%	684	12,662	23.46%	3,223	5.97%
	VAP	43,428			8,956	20.62%	340	9,296	21.41%	2,256	5.19%
041		54,148	328	0.61%	19,890	36.73%	1,013	20,903	38.60%	16,357	30.21%
	VAP	38,676			13,816	35.72%	472	14,288	36.94%	9,798	25.33%
042		53,894	74	0.14%	21,005	38.97%	1,198	22,203	41.20%	14,955	27.75%
	VAP	40,861			15,784	38.63%	609	16,393	40.12%	9,487	23.22%
043		53,969	149	0.28%	8,238	15.26%	525	8,763	16.24%	3,174	5.88%
	VAP	42,593			6,228	14.62%	280	6,508	15.28%	2,300	5.40%
044		53,480	-340	-0.63%	6,539	12.23%	575	7,114	13.30%	4,140	7.74%
	VAP	40,695			4,636	11.39%	216	4,852	11.92%	2,721	6.69%
045		53,969	149	0.28%	4,550	8.43%	355	4,905	9.09%	2,460	4.56%
	VAP	40,117			3,547	8.84%	170	3,717	9.27%	1,647	4.11%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
046		53,712	-108	-0.20%	3,695	6.88%	489	4,184	7.79%	4,126	7.68%
	VAP	39,868			2,628	6.59%	175	2,803	7.03%	2,715	6.81%
047		54,102	282	0.52%	4,362	8.06%	473	4,835	8.94%	2,934	5.42%
	VAP	38,241			2,977	7.78%	189	3,166	8.28%	1,933	5.05%
048		53,832	12	0.02%	6,997	13.00%	585	7,582	14.08%	13,049	24.24%
	VAP	40,207			4,882	12.14%	277	5,159	12.83%	8,433	20.97%
049		53,609	-211	-0.39%	5,368	10.01%	473	5,841	10.90%	3,993	7.45%
	VAP	38,077			3,781	9.93%	197	3,978	10.45%	2,552	6.70%
050		53,486	-334	-0.62%	5,240	9.80%	459	5,699	10.66%	2,773	5.18%
	VAP	36,917			3,406	9.23%	171	3,577	9.69%	1,768	4.79%
051		53,630	-190	-0.35%	11,461	21.37%	816	12,277	22.89%	5,150	9.60%
	VAP	41,035			8,478	20.66%	412	8,890	21.66%	3,437	8.38%
052		53,458	-362	-0.67%	6,576	12.30%	576	7,152	13.38%	8,262	15.46%
	VAP	41,106			5,215	12.69%	326	5,541	13.48%	5,325	12.95%
053		53,497	-323	-0.60%	33,213	62.08%	652	33,865	63.30%	4,481	8.38%
	VAP	39,576			23,676	59.82%	394	24,070	60.82%	2,924	7.39%
054		53,576	-244	-0.45%	6,132	11.45%	454	6,586	12.29%	4,581	8.55%
	VAP	44,566			5,448	12.22%	306	5,754	12.91%	3,405	7.64%
055		53,842	22	0.04%	37,621	69.87%	743	38,364	71.25%	1,482	2.75%
	VAP	43,597			29,543	67.76%	505	30,048	68.92%	1,174	2.69%
056		53,564	-256	-0.48%	31,024	57.92%	780	31,804	59.38%	1,832	3.42%
	VAP	46,750			25,255	54.02%	631	25,886	55.37%	1,619	3.46%
057		54,205	385	0.72%	30,771	56.77%	671	31,442	58.01%	2,798	5.16%
	VAP	45,178			24,643	54.55%	534	25,177	55.73%	2,120	4.69%
058		53,635	-185	-0.34%	32,345	60.31%	748	33,093	61.70%	2,092	3.90%
	VAP	44,854			25,212	56.21%	562	25,774	57.46%	1,733	3.86%
059		53,372	-448	-0.83%	28,660	53.70%	674	29,334	54.96%	6,170	11.56%
	VAP	40,952			20,482	50.01%	391	20,873	50.97%	4,253	10.39%
060		53,677	-143	-0.27%	38,767	72.22%	730	39,497	73.58%	7,554	14.07%
	VAP	38,830			27,858	71.74%	403	28,261	72.78%	4,662	12.01%

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DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
061		54,224	404	0.75%	38,149	70.35%	875	39,024	71.97%	4,493	8.29%
	VAP	39,023			27,018	69.24%	402	27,420	70.27%	2,640	6.77%
062		53,740	-80	-0.15%	38,133	70.96%	954	39,087	72.73%	2,553	4.75%
	VAP	38,345			26,396	68.84%	454	26,850	70.02%	1,522	3.97%
063		53,547	-273	-0.51%	35,269	65.87%	810	36,079	67.38%	2,278	4.25%
	VAP	39,038			24,804	63.54%	398	25,202	64.56%	1,487	3.81%
064		53,952	132	0.25%	33,817	62.68%	799	34,616	64.16%	3,109	5.76%
	VAP	39,190			23,598	60.21%	406	24,004	61.25%	1,841	4.70%
065		54,298	478	0.89%	38,285	70.51%	894	39,179	72.16%	4,408	8.12%
	VAP	37,616			25,584	68.01%	425	26,009	69.14%	2,626	6.98%
066		54,130	310	0.58%	23,094	42.66%	876	23,970	44.28%	3,639	6.72%
	VAP	38,363			15,162	39.52%	338	15,500	40.40%	2,217	5.78%
067		54,230	410	0.76%	11,110	20.49%	630	11,740	21.65%	3,037	5.60%
	VAP	38,436			7,300	18.99%	230	7,530	19.59%	1,790	4.66%
068		54,226	406	0.75%	8,853	16.33%	678	9,531	17.58%	2,456	4.53%
	VAP	38,995			5,909	15.15%	165	6,074	15.58%	1,474	3.78%
069		54,158	338	0.63%	7,255	13.40%	470	7,725	14.26%	1,818	3.36%
	VAP	41,364			5,633	13.62%	138	5,771	13.95%	1,129	2.73%
070		54,341	521	0.97%	10,838	19.94%	542	11,380	20.94%	3,742	6.89%
	VAP	40,088			7,608	18.98%	163	7,771	19.38%	2,460	6.14%
071		54,165	345	0.64%	5,449	10.06%	407	5,856	10.81%	3,399	6.28%
	VAP	38,886			3,933	10.11%	146	4,079	10.49%	2,144	5.51%
072		53,807	-13	-0.02%	3,588	6.67%	351	3,939	7.32%	3,036	5.64%
	VAP	38,955			2,461	6.32%	113	2,574	6.61%	1,913	4.91%
073		53,951	131	0.24%	14,857	27.54%	639	15,496	28.72%	2,621	4.86%
	VAP	39,535			9,970	25.22%	208	10,178	25.74%	1,646	4.16%
074		53,401	-419	-0.78%	34,347	64.32%	850	35,197	65.91%	8,406	15.74%
	VAP	38,810			24,808	63.92%	463	25,271	65.11%	5,259	13.55%
075		53,930	110	0.20%	36,879	68.38%	1,054	37,933	70.34%	5,741	10.65%
	VAP	38,464			25,611	66.58%	483	26,094	67.84%	3,446	8.96%

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DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
076		53,288	-532	-0.99%	34,414	64.58%	786	35,200	66.06%	4,951	9.29%
	VAP	38,157			23,894	62.62%	357	24,251	63.56%	3,019	7.91%
077		53,704	-116	-0.22%	37,203	69.27%	910	38,113	70.97%	8,525	15.87%
	VAP	37,349			25,612	68.57%	433	26,045	69.73%	5,151	13.79%
078		53,616	-204	-0.38%	31,896	59.49%	1,108	33,004	61.56%	5,790	10.80%
	VAP	38,129			21,597	56.64%	494	22,091	57.94%	3,625	9.51%
079		53,714	-106	-0.20%	7,883	14.68%	510	8,393	15.63%	7,608	14.16%
	VAP	41,179			6,289	15.27%	320	6,609	16.05%	5,275	12.81%
080		53,535	-285	-0.53%	6,054	11.31%	457	6,511	12.16%	11,065	20.67%
	VAP	43,496			5,068	11.65%	316	5,384	12.38%	7,674	17.64%
081		53,590	-230	-0.43%	5,687	10.61%	493	6,180	11.53%	20,956	39.10%
	VAP	41,186			4,247	10.31%	271	4,518	10.97%	14,601	35.45%
082		53,564	-256	-0.48%	7,969	14.88%	525	8,494	15.86%	12,180	22.74%
	VAP	43,727			6,815	15.59%	355	7,170	16.40%	8,522	19.49%
083		53,652	-168	-0.31%	33,705	62.82%	571	34,276	63.89%	1,467	2.73%
	VAP	41,089			24,998	60.84%	328	25,326	61.64%	1,023	2.49%
084		53,650	-170	-0.32%	32,938	61.39%	585	33,523	62.48%	1,284	2.39%
	VAP	41,782			24,546	58.75%	341	24,887	59.56%	907	2.17%
085		54,195	375	0.70%	32,012	59.07%	793	32,805	60.53%	1,954	3.61%
	VAP	41,110			23,561	57.31%	440	24,001	58.38%	1,360	3.31%
086		53,878	58	0.11%	33,655	62.47%	737	34,392	63.83%	2,214	4.11%
	VAP	40,880			24,798	60.66%	427	25,225	61.70%	1,490	3.64%
087		54,104	284	0.53%	36,835	68.08%	837	37,672	69.63%	3,125	5.78%
	VAP	40,610			26,585	65.46%	449	27,034	66.57%	2,190	5.39%
088		54,194	374	0.69%	34,637	63.91%	979	35,616	65.72%	6,361	11.74%
	VAP	40,173			24,669	61.41%	586	25,255	62.87%	4,198	10.45%
089		53,838	18	0.03%	34,951	64.92%	637	35,588	66.10%	1,503	2.79%
	VAP	42,011			26,139	62.22%	361	26,500	63.08%	1,071	2.55%
090		53,620	-200	-0.37%	36,611	68.28%	714	37,325	69.61%	1,408	2.63%
	VAP	39,580			26,443	66.81%	399	26,842	67.82%	864	2.18%

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091		54,022	202	0.38%	35,420	65.57%	811	36,231	67.07%	2,175	4.03%
	VAP	39,377			24,512	62.25%	415	24,927	63.30%	1,384	3.51%
092		54,205	385	0.72%	36,762	67.82%	776	37,538	69.25%	6,562	12.11%
	VAP	38,475			25,431	66.10%	381	25,812	67.09%	4,018	10.44%
093		54,333	513	0.95%	36,227	66.68%	1,104	37,331	68.71%	3,671	6.76%
	VAP	37,658			24,013	63.77%	494	24,507	65.08%	2,177	5.78%
094		53,570	-250	-0.46%	36,237	67.64%	995	37,232	69.50%	3,550	6.63%
	VAP	38,031			24,673	64.88%	481	25,154	66.14%	2,148	5.65%
095		54,289	469	0.87%	11,420	21.04%	715	12,135	22.35%	8,319	15.32%
	VAP	39,953			7,981	19.98%	367	8,348	20.89%	5,381	13.47%
096		53,962	142	0.26%	10,302	19.09%	786	11,088	20.55%	18,505	34.29%
	VAP	39,523			7,170	18.14%	352	7,522	19.03%	11,993	30.34%
097		53,821	1	0.00%	5,908	10.98%	505	6,413	11.92%	5,064	9.41%
	VAP	38,410			3,878	10.10%	189	4,067	10.59%	3,202	8.34%
098		53,671	-149	-0.28%	6,717	12.52%	553	7,270	13.55%	8,695	16.20%
	VAP	37,068			4,376	11.81%	169	4,545	12.26%	5,260	14.19%
099		53,673	-147	-0.27%	11,385	21.21%	760	12,145	22.63%	29,958	55.82%
	VAP	37,254			8,028	21.55%	352	8,380	22.49%	19,276	51.74%
100		53,679	-141	-0.26%	17,322	32.27%	1,057	18,379	34.24%	20,465	38.12%
	VAP	37,465			11,910	31.79%	452	12,362	33.00%	12,873	34.36%
101		53,747	-73	-0.14%	11,266	20.96%	721	11,987	22.30%	11,208	20.85%
	VAP	38,785			7,513	19.37%	300	7,813	20.14%	7,056	18.19%
102		53,770	-50	-0.09%	10,217	19.00%	785	11,002	20.46%	7,262	13.51%
	VAP	39,110			7,083	18.11%	353	7,436	19.01%	4,984	12.74%
103		53,533	-287	-0.53%	5,439	10.16%	428	5,867	10.96%	5,619	10.50%
	VAP	37,957			3,699	9.75%	144	3,843	10.12%	3,420	9.01%
104		53,774	-46	-0.09%	12,344	22.96%	679	13,023	24.22%	6,730	12.52%
	VAP	36,121			7,783	21.55%	244	8,027	22.22%	4,149	11.49%
105		53,542	-278	-0.52%	17,754	33.16%	819	18,573	34.69%	6,527	12.19%
	VAP	36,449			11,266	30.91%	331	11,597	31.82%	3,945	10.82%

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DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
106		53,473	-347	-0.64%	15,161	28.35%	818	15,979	29.88%	5,451	10.19%
	VAP	38,585			9,774	25.33%	319	10,093	26.16%	3,298	8.55%
107		53,368	-452	-0.84%	12,120	22.71%	697	12,817	24.02%	10,021	18.78%
	VAP	37,377			7,826	20.94%	295	8,121	21.73%	6,104	16.33%
108		53,549	-271	-0.50%	8,812	16.46%	619	9,431	17.61%	10,315	19.26%
	VAP	39,456			5,970	15.13%	265	6,235	15.80%	6,437	16.31%
109		54,153	333	0.62%	16,366	30.22%	681	17,047	31.48%	2,434	4.49%
	VAP	38,385			10,881	28.35%	262	11,143	29.03%	1,467	3.82%
110		54,298	478	0.89%	17,021	31.35%	682	17,703	32.60%	2,450	4.51%
	VAP	38,485			11,454	29.76%	223	11,677	30.34%	1,472	3.82%
111		54,293	473	0.88%	18,415	33.92%	754	19,169	35.31%	3,217	5.93%
	VAP	38,235			12,060	31.54%	293	12,353	32.31%	2,003	5.24%
112		53,657	-163	-0.30%	11,816	22.02%	405	12,221	22.78%	1,664	3.10%
	VAP	40,120			8,436	21.03%	116	8,552	21.32%	1,010	2.52%
113		53,670	-150	-0.28%	31,651	58.97%	986	32,637	60.81%	3,129	5.83%
	VAP	37,191			20,824	55.99%	390	21,214	57.04%	1,827	4.91%
114		53,571	-249	-0.46%	8,328	15.55%	452	8,780	16.39%	3,148	5.88%
	VAP	38,119			5,386	14.13%	180	5,566	14.60%	1,883	4.94%
115		53,559	-261	-0.48%	10,507	19.62%	446	10,953	20.45%	1,482	2.77%
	VAP	39,330			7,264	18.47%	122	7,386	18.78%	897	2.28%
116		53,885	65	0.12%	5,611	10.41%	574	6,185	11.48%	4,524	8.40%
	VAP	38,935			3,872	9.94%	147	4,019	10.32%	2,691	6.91%
117		54,352	532	0.99%	9,709	17.86%	454	10,163	18.70%	4,069	7.49%
	VAP	43,102			7,216	16.74%	183	7,399	17.17%	2,663	6.18%
118		53,858	38	0.07%	18,108	33.62%	557	18,665	34.66%	8,188	15.20%
	VAP	42,287			12,713	30.06%	285	12,998	30.74%	5,013	11.85%
119		53,330	-490	-0.91%	6,265	11.75%	333	6,598	12.37%	2,297	4.31%
	VAP	43,291			4,884	11.28%	168	5,052	11.67%	1,660	3.83%
120		53,857	37	0.07%	16,605	30.83%	456	17,061	31.68%	2,780	5.16%
	VAP	42,036			12,251	29.14%	143	12,394	29.48%	1,722	4.10%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
121		54,069	249	0.46%	13,423	24.83%	666	14,089	26.06%	2,902	5.37%
	VAP	39,434			9,176	23.27%	181	9,357	23.73%	1,781	4.52%
122		53,789	-31	-0.06%	6,226	11.57%	518	6,744	12.54%	2,262	4.21%
	VAP	38,559			4,361	11.31%	184	4,545	11.79%	1,410	3.66%
123		54,305	485	0.90%	9,760	17.97%	599	10,359	19.08%	1,999	3.68%
	VAP	41,748			7,090	16.98%	212	7,302	17.49%	1,331	3.19%
124		53,886	66	0.12%	30,939	57.42%	770	31,709	58.84%	2,081	3.86%
	VAP	42,242			22,804	53.98%	373	23,177	54.87%	1,469	3.48%
125		54,151	331	0.62%	28,973	53.50%	921	29,894	55.20%	1,676	3.10%
	VAP	39,400			19,900	50.51%	339	20,239	51.37%	1,044	2.65%
126		53,613	-207	-0.38%	32,597	60.80%	823	33,420	62.34%	1,876	3.50%
	VAP	38,267			22,371	58.46%	340	22,711	59.35%	1,202	3.14%
127		53,672	-148	-0.27%	29,218	54.44%	893	30,111	56.10%	2,937	5.47%
	VAP	40,411			20,748	51.34%	418	21,166	52.38%	2,110	5.22%
128		53,559	-261	-0.48%	30,209	56.40%	285	30,494	56.94%	957	1.79%
	VAP	41,388			22,575	54.54%	106	22,681	54.80%	714	1.73%
129		53,337	-483	-0.90%	14,381	26.96%	360	14,741	27.64%	1,278	2.40%
	VAP	40,449			10,955	27.08%	109	11,064	27.35%	809	2.00%
130		53,697	-123	-0.23%	18,943	35.28%	516	19,459	36.24%	1,881	3.50%
	VAP	39,742			13,066	32.88%	199	13,265	33.38%	1,201	3.02%
131		54,163	343	0.64%	13,302	24.56%	383	13,685	25.27%	941	1.74%
	VAP	41,142			10,180	24.74%	116	10,296	25.03%	620	1.51%
132		53,756	-64	-0.12%	22,850	42.51%	611	23,461	43.64%	2,993	5.57%
	VAP	38,796			15,728	40.54%	150	15,878	40.93%	2,014	5.19%
133		53,564	-256	-0.48%	10,194	19.03%	309	10,503	19.61%	1,442	2.69%
	VAP	40,825			7,453	18.26%	104	7,557	18.51%	953	2.33%
134		53,328	-492	-0.91%	8,669	16.26%	693	9,362	17.56%	2,977	5.58%
	VAP	40,802			6,422	15.74%	262	6,684	16.38%	1,962	4.81%
135		53,588	-232	-0.43%	30,110	56.19%	1,125	31,235	58.29%	4,186	7.81%
	VAP	39,104			21,170	54.14%	443	21,613	55.27%	2,757	7.05%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
136		53,614	-206	-0.38%	30,009	55.97%	1,138	31,147	58.09%	3,646	6.80%
	VAP	39,806			21,582	54.22%	480	22,062	55.42%	2,387	6.00%
137		53,431	-389	-0.72%	28,843	53.98%	719	29,562	55.33%	1,627	3.05%
	VAP	39,957			20,679	51.75%	250	20,929	52.38%	1,047	2.62%
138		53,825	5	0.01%	21,540	40.02%	442	21,982	40.84%	3,609	6.71%
	VAP	39,760			15,006	37.74%	177	15,183	38.19%	2,328	5.86%
139		53,594	-226	-0.42%	30,419	56.76%	354	30,773	57.42%	2,853	5.32%
	VAP	41,652			23,330	56.01%	204	23,534	56.50%	1,875	4.50%
140		54,060	240	0.45%	17,710	32.76%	493	18,203	33.67%	2,454	4.54%
	VAP	41,014			12,871	31.38%	147	13,018	31.74%	1,567	3.82%
141		54,344	524	0.97%	13,277	24.43%	392	13,669	25.15%	1,274	2.34%
	VAP	41,154			9,099	22.11%	139	9,238	22.45%	833	2.02%
142		53,493	-327	-0.61%	35,250	65.90%	496	35,746	66.82%	1,517	2.84%
	VAP	38,488			24,083	62.57%	203	24,286	63.10%	942	2.45%
143		53,945	125	0.23%	33,332	61.79%	483	33,815	62.68%	1,502	2.78%
	VAP	40,592			23,357	57.54%	234	23,591	58.12%	1,014	2.50%
144		53,343	-477	-0.89%	14,930	27.99%	300	15,230	28.55%	1,376	2.58%
	VAP	40,553			11,095	27.36%	104	11,199	27.62%	877	2.16%
145		53,485	-335	-0.62%	21,392	40.00%	366	21,758	40.68%	1,251	2.34%
	VAP	42,344			15,623	36.90%	115	15,738	37.17%	862	2.04%
146		53,671	-149	-0.28%	13,251	24.69%	608	13,859	25.82%	2,228	4.15%
	VAP	38,823			9,286	23.92%	189	9,475	24.41%	1,390	3.58%
147		53,333	-487	-0.90%	15,436	28.94%	829	16,265	30.50%	4,311	8.08%
	VAP	39,589			10,438	26.37%	293	10,731	27.11%	2,733	6.90%
148		53,393	-427	-0.79%	19,030	35.64%	322	19,352	36.24%	1,831	3.43%
	VAP	40,651			13,743	33.81%	126	13,869	34.12%	1,160	2.85%
149		53,612	-208	-0.39%	17,201	32.08%	322	17,523	32.68%	3,690	6.88%
	VAP	41,813			13,187	31.54%	115	13,302	31.81%	2,916	6.97%
150		54,142	322	0.60%	18,753	34.64%	356	19,109	35.29%	1,247	2.30%
	VAP	40,188			12,988	32.32%	116	13,104	32.61%	785	1.95%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
151		54,071	251	0.47%	29,610	54.76%	313	29,923	55.34%	2,394	4.43%
	VAP	41,637			21,454	51.53%	134	21,588	51.85%	2,061	4.95%
152		53,990	170	0.32%	12,855	23.81%	284	13,139	24.34%	1,132	2.10%
	VAP	39,824			9,127	22.92%	77	9,204	23.11%	710	1.78%
153		54,116	296	0.55%	33,967	62.77%	490	34,457	63.67%	1,580	2.92%
	VAP	40,411			23,848	59.01%	205	24,053	59.52%	1,045	2.59%
154		53,972	152	0.28%	33,354	61.80%	360	33,714	62.47%	862	1.60%
	VAP	40,393			23,672	58.60%	178	23,850	59.04%	513	1.27%
155		54,043	223	0.41%	15,240	28.20%	281	15,521	28.72%	2,831	5.24%
	VAP	40,679			10,900	26.80%	83	10,983	27.00%	1,681	4.13%
156		53,637	-183	-0.34%	12,233	22.81%	319	12,552	23.40%	4,969	9.26%
	VAP	39,399			8,497	21.57%	74	8,571	21.75%	2,899	7.36%
157		54,334	514	0.96%	14,713	27.08%	424	15,137	27.86%	4,887	8.99%
	VAP	41,282			11,249	27.25%	118	11,367	27.54%	3,022	7.32%
158		53,861	41	0.08%	18,526	34.40%	315	18,841	34.98%	2,949	5.48%
	VAP	40,158			12,947	32.24%	93	13,040	32.47%	1,874	4.67%
159		53,363	-457	-0.85%	15,415	28.89%	402	15,817	29.64%	1,038	1.95%
	VAP	39,250			10,779	27.46%	127	10,906	27.79%	620	1.58%
160		53,304	-516	-0.96%	10,997	20.63%	445	11,442	21.47%	1,887	3.54%
	VAP	43,070			8,753	20.32%	216	8,969	20.82%	1,351	3.14%
161		53,931	111	0.21%	9,998	18.54%	529	10,527	19.52%	2,617	4.85%
	VAP	39,726			7,006	17.64%	179	7,185	18.09%	1,656	4.17%
162		53,981	161	0.30%	27,992	51.86%	803	28,795	53.34%	5,485	10.16%
	VAP	39,859			19,383	48.63%	336	19,719	49.47%	3,728	9.35%
163		53,520	-300	-0.56%	28,079	52.46%	530	28,609	53.45%	1,758	3.28%
	VAP	42,793			20,228	47.27%	321	20,549	48.02%	1,475	3.45%
164		53,429	-391	-0.73%	13,204	24.71%	1,021	14,225	26.62%	4,381	8.20%
	VAP	37,716			8,909	23.62%	333	9,242	24.50%	2,632	6.98%
165		54,351	531	0.99%	30,977	56.99%	701	31,678	58.28%	2,028	3.73%
	VAP	41,872			22,491	53.71%	316	22,807	54.47%	1,408	3.36%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT		POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP
166		54,038	218	0.41%	4,275	7.91%	272	4,547	8.41%	1,443	2.67%
	VAP	43,168			3,291	7.62%	101	3,392	7.86%	969	2.24%
167		54,342	522	0.97%	12,046	22.17%	583	12,629	23.24%	3,335	6.14%
	VAP	40,594			8,684	21.39%	198	8,882	21.88%	2,006	4.94%
168		54,032	212	0.39%	24,420	45.20%	1,531	25,951	48.03%	4,881	9.03%
	VAP	38,351			16,808	43.83%	556	17,364	45.28%	2,968	7.74%
169		53,952	132	0.25%	12,331	22.86%	390	12,721	23.58%	5,644	10.46%
	VAP	39,735			8,807	22.16%	105	8,912	22.43%	3,339	8.40%
170		53,301	-519	-0.96%	12,065	22.64%	311	12,376	23.22%	3,742	7.02%
	VAP	39,206			8,174	20.85%	87	8,261	21.07%	2,166	5.52%
171		54,189	369	0.69%	21,032	38.81%	261	21,293	39.29%	3,444	6.36%
	VAP	40,274			14,885	36.96%	87	14,972	37.18%	2,118	5.26%
172		53,287	-533	-0.99%	15,471	29.03%	309	15,780	29.61%	7,770	14.58%
	VAP	38,475			10,638	27.65%	108	10,746	27.93%	4,659	12.11%
173		54,287	467	0.87%	19,776	36.43%	330	20,106	37.04%	3,674	6.77%
	VAP	40,561			14,138	34.86%	133	14,271	35.18%	2,291	5.65%
174		54,123	303	0.56%	12,704	23.47%	537	13,241	24.46%	3,582	6.62%
	VAP	39,946			8,967	22.45%	150	9,117	22.82%	2,218	5.55%
175		53,794	-26	-0.05%	14,166	26.33%	261	14,427	26.82%	2,008	3.73%
	VAP	41,150			10,447	25.39%	112	10,559	25.66%	1,306	3.17%
176		54,193	373	0.69%	12,876	23.76%	507	13,383	24.70%	4,129	7.62%
	VAP	40,044			9,532	23.80%	167	9,699	24.22%	2,471	6.17%
177		54,095	275	0.51%	29,446	54.43%	637	30,083	55.61%	2,298	4.25%
	VAP	41,485			20,793	50.12%	294	21,087	50.83%	1,649	3.97%
178		53,463	-357	-0.66%	4,529	8.47%	273	4,802	8.98%	2,402	4.49%
	VAP	40,080			3,528	8.80%	80	3,608	9.00%	1,586	3.96%
179		54,081	261	0.48%	17,476	32.31%	512	17,988	33.26%	3,796	7.02%
	VAP	41,101			12,003	29.20%	184	12,187	29.65%	2,455	5.97%
180		53,321	-499	-0.93%	10,316	19.35%	728	11,044	20.71%	2,504	4.70%
	VAP	39,225			7,131	18.18%	209	7,340	18.71%	1,577	4.02%

Plan Name: **House15** Plan Type : **State** User: **Gina** Administrator: **House**

DISTRICT	POPULATION	DEVIATION	% DEVIATION	BLACK	% BLACK	BLACK COMBO	TOTAL BLACK	%TOTAL BLACK	HISP. OR LATINO	%HISP

Total Population: 9,687,653

Ideal Value: 53,820

Summary Statistics

Population Range: 53,287 to 54,352

Absolute Overall Range: 1,065

Relative Range: -0.99% to 0.99%

Relative Overall Range: 1.98%

EXHIBIT V-2

Proposed Georgia House Districts

Client: H167
Plan: hseprop1
Type: House

Legislative & Congressional Reapportionment Office
Georgia General Assembly

Map layers
Districts
County
0 20 40 60
Miles

EXHIBIT V-3

Client: State
Plan: House06
Type: House

Georgia House of Representatives: 2006

Carl Vinson Institute of Government
The University of Georgia
Georgia Reapportionment Services Office

Map layers
Districts
County (Tiger)
0 20 40 60
Miles

EXHIBIT W-1

Population Summary Report

Georgia State House --2015 Benchmark Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*
001	52750	-11.36%	41428	1491	3.60%	37,296	90.03%	3.12%	1.44%	0.59%	5.17%	93.52%
002	53650	-9.85%	41669	1496	3.59%	37,190	89.25%	4.39%	1.99%	0.80%	6.67%	92.50%
003	56969	-4.27%	44216	1530	3.46%	39,063	88.35%	3.11%	1.85%	1.37%	6.39%	92.48%
004	54825	-7.87%	40064	2291	5.72%	20,316	50.71%	6.52%	22.42%	1.01%	30.23%	68.43%
005	55351	-6.99%	41677	1856	4.45%	32,271	77.43%	4.02%	7.02%	0.96%	12.02%	87.09%
006	53436	-10.21%	39985	971	2.43%	29,687	74.25%	2.23%	10.92%	0.43%	14.07%	85.40%
007	59081	-0.72%	48771	302	0.62%	43,969	90.15%	0.68%	2.17%	0.41%	3.25%	95.14%
008	59872	0.61%	50372	481	0.95%	46,189	91.70%	1.34%	2.31%	0.49%	4.18%	94.94%
009	62470	4.97%	50156	824	1.64%	44,272	88.27%	1.88%	2.85%	0.57%	5.36%	93.79%
010	56520	-5.03%	44556	1936	4.35%	36,531	81.99%	3.89%	4.77%	1.50%	9.96%	88.85%
011	58393	-1.88%	45961	571	1.24%	40,709	88.57%	1.95%	3.50%	0.93%	5.86%	89.64%
012	53598	-9.94%	41802	4212	10.08%	33,542	80.24%	9.38%	2.73%	0.63%	12.96%	86.76%
013	55378	-6.94%	42286	8503	20.11%	27,061	64.00%	21.26%	5.57%	1.05%	27.87%	70.94%
014	55818	-6.21%	43085	3085	7.16%	35,799	83.09%	6.61%	3.24%	0.64%	10.52%	88.68%
015	59545	0.06%	45990	6521	14.18%	33,091	71.95%	14.44%	3.75%	0.85%	19.02%	80.20%
016	55811	-6.22%	42178	4400	10.43%	32,888	77.97%	11.66%	3.97%	0.54%	16.10%	83.34%
017	68483	15.08%	49430	9111	18.43%	35,630	72.08%	14.59%	4.52%	1.23%	20.40%	79.30%
018	57423	-3.51%	43653	6995	16.02%	32,035	73.39%	16.95%	3.60%	1.01%	21.16%	77.83%
019	63837	7.27%	47492	12031	25.33%	30,026	63.22%	19.64%	4.71%	0.77%	24.94%	73.49%
020	63416	6.56%	49305	4798	9.73%	36,595	74.22%	9.48%	5.52%	1.34%	16.83%	82.45%
021	68288	14.75%	50327	3263	6.48%	38,900	77.29%	6.39%	5.48%	0.90%	13.10%	86.25%
022	78338	31.64%	58059	3259	5.61%	43,312	74.60%	3.70%	4.10%	3.54%	11.66%	87.20%
023	68767	15.55%	52824	4410	8.35%	38,963	73.76%	7.83%	5.72%	1.57%	15.04%	84.01%
024	74474	25.14%	53973	2450	4.54%	39,740	73.63%	4.86%	5.79%	7.24%	14.91%	84.61%
025	78718	32.27%	54855	2710	4.94%	29,050	52.96%	5.15%	5.12%	16.23%	26.58%	72.19%
026	71029	19.35%	52950	2079	3.93%	41,876	79.09%	1.83%	4.72%	6.08%	8.81%	90.67%
027	56612	-4.87%	43719	1752	4.01%	33,552	76.74%	4.08%	9.00%	1.07%	14.43%	85.41%
028	54100	-9.09%	42143	2959	7.02%	35,517	84.28%	7.11%	2.49%	0.83%	10.56%	88.48%
029	59633	0.21%	44182	5445	12.32%	21,505	48.67%	16.78%	17.86%	2.39%	36.62%	61.56%
030	61636	3.57%	46977	3787	8.06%	29,053	61.85%	7.55%	12.91%	2.49%	22.61%	77.03%
031	68459	15.04%	50690	3741	7.38%	40,459	79.82%	7.79%	4.21%	2.25%	13.79%	85.43%
032	56167	-5.62%	44103	5090	11.54%	36,154	81.98%	12.82%	2.11%	1.00%	15.73%	83.50%
033	54336	-8.70%	42618	8432	19.79%	30,803	72.28%	22.24%	2.02%	0.79%	24.62%	74.78%
034	56693	-4.74%	45079	9604	21.30%	27,780	61.63%	20.64%	5.89%	5.32%	31.28%	67.73%
035	57886	-2.73%	44313	10692	24.13%	25,562	57.69%	24.85%	6.30%	3.58%	35.00%	64.17%
036	60211	1.18%	44780	7322	16.35%	32,151	71.80%	14.87%	4.37%	1.29%	21.98%	77.69%
037	59857	0.58%	46410	10955	23.60%	24,390	52.55%	24.83%	6.63%	3.16%	35.00%	63.58%
038	62943	5.77%	48261	24437	50.64%	15,431	31.97%	51.17%	6.91%	2.86%	60.72%	38.47%
039	60869	2.28%	44995	26682	59.30%	8,873	19.72%	61.90%	8.16%	1.79%	72.18%	27.74%
040	63857	7.30%	51468	13872	26.95%	28,906	56.16%	25.66%	4.81%	5.61%	35.46%	63.62%
041	57976	-2.58%	43268	16250	37.56%	11,898	27.50%	46.41%	16.05%	2.67%	65.54%	33.83%
042	60349	1.41%	48258	18527	38.39%	15,487	32.09%	44.83%	9.51%	4.95%	57.81%	41.67%
043	59696	0.31%	47598	7629	16.03%	28,469	59.81%	16.63%	5.61%	5.20%	29.40%	69.64%
044	62374	4.81%	49835	8737	17.53%	31,444	63.10%	15.57%	5.74%	4.84%	26.19%	72.46%
045	58143	-2.30%	43905	4408	10.04%	31,383	71.48%	7.50%	4.71%	7.54%	18.17%	81.18%
046	60949	2.42%	46079	4121	8.94%	34,095	73.99%	7.28%	6.59%	4.69%	17.69%	81.66%
047	64114	7.73%	47159	4582	9.72%	31,204	66.17%	11.87%	4.99%	6.02%	23.30%	75.80%
048	55778	-6.27%	43149	6163	14.28%	26,592	61.63%	17.18%	6.85%	9.73%	28.37%	70.87%
049	60907	2.35%	46620	5333	11.44%	28,116	60.31%	13.12%	5.87%	7.65%	30.77%	68.44%
050	58422	-1.83%	43398	5167	11.91%	19,646	45.27%	10.90%	4.75%	23.59%	38.83%	60.20%
051	56695	-4.73%	45521	10204	22.42%	26,116	57.37%	22.79%	5.14%	4.40%	33.60%	65.50%
052	61643	3.58%	48798	6895	14.13%	31,680	64.92%	12.78%	4.73%	7.50%	20.76%	78.79%
053	59222	-0.49%	45049	27565	61.19%	13,104	29.09%	63.29%	3.46%	2.92%	69.00%	30.57%
054	69697	17.12%	59879	10876	18.16%	39,159	65.40%	15.35%	3.47%	5.83%	24.97%	74.50%
055	61999	4.18%	51108	33101	64.77%	13,901	27.20%	67.98%	2.04%	1.97%	71.60%	27.49%
056	61095	2.66%	53924	25905	48.04%	19,464	36.10%	54.39%	4.34%	6.40%	65.69%	33.74%
057	66540	11.81%	57177	27200	47.57%	22,477	39.31%	52.31%	2.84%	5.35%	58.43%	40.53%
058	65527	10.11%	56677	28397	50.10%	21,935	38.70%	50.00%	4.01%	3.48%	56.90%	42.69%
059	58222	-2.17%	46003	21829	47.45%	17,665	38.40%	52.04%	4.28%	1.89%	58.03%	41.38%
060	58127	-2.33%	43553	33344	76.56%	4,240	9.74%	80.70%	3.85%	0.98%	86.24%	13.34%
061	59354	-0.26%	45331	34348	75.77%	6,959	15.35%	79.16%	3.92%	1.14%	84.40%	14.87%
062	65905	10.74%	50073	39451	78.79%	7,472	14.92%	75.78%	2.63%	1.08%	78.81%	20.38%
063	58808	-1.18%	45028	32109	71.31%	9,152	20.33%	68.95%	3.20%	0.89%	75.20%	24.64%
064	64501	8.39%	49557	33944	68.49%	11,697	23.60%	64.81%	3.12%	0.95%	69.87%	29.28%
065	67833	13.98%	50519	38799	76.80%	7,427	14.70%	76.32%	4.10%	0.44%	80.66%	19.33%

Population Summary Report

Georgia State House --2015 Benchmark Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*
066	61144	2.74%	45510	24223	53.23%	16,010	35.18%	48.54%	3.85%	1.54%	53.80%	44.85%
067	57771	-2.92%	43369	11856	27.34%	26,560	61.24%	25.88%	4.08%	0.55%	31.24%	67.84%
068	59772	0.44%	44770	8244	18.41%	32,321	72.19%	17.57%	2.95%	2.07%	21.43%	77.89%
069	55120	-7.38%	43010	7039	16.37%	33,026	76.79%	16.41%	1.70%	3.31%	19.31%	80.25%
070	63353	6.46%	48693	10566	21.70%	32,017	65.75%	21.43%	5.69%	1.51%	29.00%	69.51%
071	61940	4.08%	47170	5523	11.71%	35,361	74.97%	9.71%	4.19%	0.84%	15.58%	83.31%
072	62089	4.33%	46851	3889	8.30%	36,817	78.58%	7.46%	4.49%	1.12%	13.89%	84.90%
073	59650	0.23%	45300	15908	35.12%	25,132	55.48%	31.46%	3.35%	2.59%	36.67%	62.47%
074	59453	-0.10%	44149	30893	69.97%	3,797	8.60%	76.74%	5.66%	1.59%	88.63%	9.76%
075	59971	0.77%	44481	33035	74.27%	4,966	11.16%	74.70%	6.53%	2.86%	85.11%	13.70%
076	60289	1.31%	45682	31985	70.02%	6,829	14.95%	70.29%	5.18%	7.23%	79.46%	20.26%
077	59646	0.23%	43403	32125	74.02%	3,184	7.34%	79.70%	5.97%	3.46%	88.42%	10.27%
078	63912	7.40%	48066	32970	68.59%	8,046	16.74%	68.06%	5.65%	4.45%	78.23%	21.26%
079	60655	1.92%	46161	7197	15.59%	23,611	51.15%	16.11%	5.92%	4.17%	30.61%	68.71%
080	62454	4.95%	50528	7087	14.03%	29,628	58.64%	14.92%	6.19%	10.04%	27.89%	70.77%
081	57889	-2.73%	43778	5451	12.45%	17,266	39.44%	13.58%	11.23%	8.31%	36.97%	61.84%
082	60104	1.00%	49242	10673	21.67%	23,919	48.57%	22.83%	5.73%	8.59%	36.43%	63.10%
083	58151	-2.29%	45014	25705	57.10%	15,818	35.14%	60.69%	2.38%	6.17%	64.90%	34.40%
084	58926	-0.98%	46909	27376	58.36%	15,103	32.20%	62.85%	1.72%	0.99%	67.36%	31.91%
085	58672	-1.41%	45413	24313	53.54%	12,569	27.68%	64.23%	1.65%	3.65%	70.43%	28.19%
086	58735	-1.30%	44872	25358	56.51%	12,652	28.20%	60.60%	2.79%	3.23%	67.18%	32.05%
087	61907	4.03%	48197	32390	67.20%	8,759	18.17%	72.53%	2.47%	3.61%	79.15%	20.42%
088	58573	-1.58%	45361	29828	65.76%	8,532	18.81%	69.06%	3.30%	4.12%	74.75%	24.57%
089	59113	-0.67%	47470	25541	53.80%	18,116	38.16%	56.55%	2.38%	1.78%	60.88%	38.30%
090	56092	-5.75%	44252	32395	73.21%	9,099	20.56%	71.52%	2.33%	1.42%	75.30%	24.32%
091	63326	6.41%	48519	36427	75.08%	8,993	18.54%	70.53%	2.13%	1.27%	74.60%	24.35%
092	62076	4.31%	46059	34706	75.35%	6,632	14.40%	75.18%	5.34%	1.89%	81.11%	18.71%
093	63116	6.06%	46899	34029	72.56%	7,810	16.65%	73.44%	3.89%	1.57%	79.40%	20.69%
094	58956	-0.93%	44409	31259	70.39%	7,277	16.39%	72.01%	3.68%	2.83%	78.41%	20.66%
095	59626	0.19%	46343	11334	24.46%	22,015	47.50%	26.26%	7.89%	1.83%	43.19%	56.24%
096	63121	6.07%	47875	10796	22.55%	10,177	21.26%	28.82%	14.51%	18.81%	63.54%	35.85%
097	67840	14.00%	51200	7583	14.81%	23,307	45.52%	16.98%	6.83%	11.62%	42.56%	56.92%
098	69467	16.73%	50322	8337	16.57%	26,426	52.51%	15.84%	10.04%	16.87%	33.99%	65.03%
099	57117	-4.02%	40892	9457	23.13%	4,957	12.12%	35.04%	23.78%	21.18%	75.78%	22.95%
100	62039	4.25%	45865	14641	31.92%	6,532	14.24%	40.68%	19.03%	9.65%	74.57%	24.14%
101	61586	3.49%	47093	11829	25.12%	15,232	32.34%	26.17%	12.97%	11.44%	53.30%	45.98%
102	60423	1.53%	46498	11216	24.12%	19,265	41.43%	24.04%	9.64%	7.92%	46.80%	52.25%
103	68719	15.47%	51265	7163	13.97%	32,862	64.10%	13.27%	5.61%	10.33%	23.10%	75.70%
104	70403	18.30%	50358	15193	30.17%	23,455	46.58%	26.53%	9.78%	5.06%	41.63%	57.66%
105	68469	15.05%	49127	21189	43.13%	18,170	36.99%	38.44%	7.50%	8.06%	51.44%	47.50%
106	61283	2.98%	45578	16892	37.06%	18,068	39.64%	37.70%	6.86%	5.60%	50.27%	47.35%
107	61892	4.00%	45584	12050	26.43%	14,826	32.52%	29.27%	11.42%	15.26%	55.40%	44.07%
108	62204	4.53%	46265	9224	19.94%	17,694	38.24%	21.21%	8.84%	13.58%	44.43%	55.04%
109	61435	3.23%	45934	19376	42.18%	21,568	46.95%	38.09%	3.84%	14.28%	43.67%	55.08%
110	58585	-1.56%	43584	16776	38.49%	23,177	53.18%	34.93%	2.91%	5.09%	38.66%	60.61%
111	72223	21.36%	54047	27864	51.56%	19,761	36.56%	42.45%	5.68%	2.32%	52.85%	45.25%
112	59024	-0.82%	45783	11169	24.40%	31,615	69.05%	22.49%	1.75%	0.90%	24.73%	74.65%
113	62616	5.22%	46409	30886	66.55%	11,619	25.04%	64.54%	3.97%	1.08%	69.66%	29.15%
114	68346	14.85%	50084	12564	25.09%	30,857	61.61%	18.55%	4.34%	0.39%	25.31%	73.74%
115	61063	2.61%	46292	8840	19.10%	34,066	73.59%	20.62%	2.10%	2.17%	23.59%	76.31%
116	62437	4.92%	47116	5664	12.02%	33,456	71.01%	11.39%	6.82%	6.15%	21.53%	77.75%
117	62578	5.15%	49974	8298	16.60%	34,611	69.26%	17.59%	4.32%	0.69%	25.31%	73.97%
118	57487	-3.40%	45997	13870	30.15%	23,982	52.14%	34.66%	5.12%	0.31%	42.57%	56.66%
119	64173	7.83%	51562	5503	10.67%	38,810	75.27%	13.70%	2.94%	2.74%	19.48%	79.77%
120	56747	-4.64%	45663	12156	26.62%	29,844	65.36%	30.26%	2.35%	2.56%	33.08%	66.47%
121	71942	20.89%	52482	14912	28.41%	31,422	59.87%	27.04%	5.01%	2.58%	33.28%	64.87%
122	68296	14.76%	50164	7657	15.26%	35,121	70.01%	13.29%	4.98%	3.54%	23.36%	75.85%
123	54117	-9.06%	42777	8589	20.08%	29,048	67.91%	18.44%	3.25%	0.34%	25.11%	73.99%
124	52995	-10.95%	42284	23711	56.08%	14,900	35.24%	57.00%	2.89%	1.07%	61.90%	37.71%
125	55228	-7.20%	40997	23381	57.03%	14,975	36.53%	55.51%	2.89%	1.81%	58.94%	40.05%
126	55534	-6.68%	42284	25298	59.83%	14,554	34.42%	61.84%	3.65%	1.54%	66.86%	32.14%
127	57799	-2.88%	45604	24005	52.64%	16,115	35.34%	56.03%	4.98%	4.19%	62.66%	36.75%
128	49614	-16.63%	39878	21782	54.62%	17,078	42.83%	56.08%	1.44%	0.32%	57.75%	42.39%
129	55994	-5.91%	43520	11410	26.22%	29,833	68.55%	29.73%	2.01%	1.69%	32.03%	67.80%
130	59507	-0.01%	45465	16504	36.30%	25,679	56.48%	36.56%	2.56%	0.53%	40.05%	60.17%
131	55357	-6.98%	43059	10230	23.76%	30,896	71.75%	23.61%	0.92%	4.69%	25.08%	73.75%
132	56169	-5.62%	42091	17773	42.23%	20,537	48.79%	42.50%	2.67%	1.66%	45.92%	53.48%

Population Summary Report

Georgia State House --2015 Benchmark Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*
133	57022	-4.18%	44303	8622	19.46%	32,074	72.40%	20.71%	3.17%	1.08%	26.07%	73.03%
134	59978	0.78%	46587	10038	21.55%	30,152	64.72%	20.92%	5.78%	0.98%	29.76%	69.43%
135	52783	-11.31%	39634	21339	53.84%	13,841	34.92%	56.11%	5.62%	0.53%	63.30%	35.45%
136	59740	0.38%	44709	27994	62.61%	12,137	27.15%	59.03%	6.60%	0.56%	67.20%	31.72%
137	55297	-7.08%	42627	21950	51.49%	17,923	42.05%	53.91%	2.62%	1.04%	57.47%	41.24%
138	48015	-19.32%	36764	14129	38.43%	18,674	50.79%	40.07%	5.77%	2.17%	47.22%	51.87%
139	44994	-24.39%	36147	20024	55.40%	13,444	37.19%	56.50%	3.27%	2.78%	60.16%	39.71%
140	55262	-7.14%	43076	14961	34.73%	24,694	57.33%	34.60%	2.02%	1.42%	37.32%	62.05%
141	59933	0.71%	46674	13592	29.12%	29,189	62.54%	28.06%	2.18%	1.90%	32.86%	66.46%
142	51695	-13.13%	38610	25624	66.37%	10,837	28.07%	68.25%	1.70%	1.38%	70.61%	28.67%
143	52996	-10.95%	41264	25237	61.16%	13,321	32.28%	60.27%	1.68%	1.04%	63.29%	36.18%
144	53320	-10.40%	41105	11199	27.24%	27,494	66.89%	27.39%	1.66%	2.01%	29.73%	69.68%
145	51468	-13.52%	41854	16298	38.94%	23,385	55.87%	38.98%	1.53%	0.98%	41.67%	57.87%
146	66372	11.53%	49300	13867	28.13%	29,797	60.44%	25.94%	4.00%	2.70%	34.01%	65.50%
147	56551	-4.97%	42863	14884	34.72%	22,131	51.63%	34.71%	4.98%	3.25%	41.19%	56.93%
148	52451	-11.86%	40777	14232	34.90%	24,239	59.44%	37.45%	1.68%	0.24%	39.35%	60.01%
149	47480	-20.22%	37873	12515	33.04%	22,424	59.21%	35.08%	1.83%	0.33%	37.09%	62.26%
150	54598	-8.26%	41582	14653	35.24%	25,014	60.16%	33.61%	2.15%	0.52%	36.44%	63.21%
151	49836	-16.26%	39653	21196	53.45%	15,978	40.29%	55.96%	1.17%	1.10%	57.45%	41.81%
152	57158	-3.95%	43773	10579	24.17%	30,604	69.92%	24.76%	1.73%	1.55%	28.12%	70.80%
153	48115	-19.15%	37100	24171	65.15%	11,102	29.92%	65.74%	1.38%	0.97%	68.04%	31.69%
154	50644	-14.90%	39577	23977	60.58%	14,269	36.05%	60.40%	1.32%	0.26%	62.23%	36.98%
155	54133	-9.04%	41793	11659	27.90%	26,456	63.30%	28.16%	2.64%	0.73%	31.68%	68.27%
156	52848	-11.20%	40027	9148	22.85%	26,790	66.93%	23.45%	4.56%	0.43%	28.45%	71.00%
157	51799	-12.96%	39552	10509	26.57%	25,420	64.27%	28.94%	5.23%	0.39%	34.68%	65.17%
158	56451	-5.14%	43664	14533	33.28%	26,211	60.03%	34.89%	1.59%	0.28%	37.02%	62.33%
159	57616	-3.18%	43244	11207	25.92%	29,598	68.44%	26.97%	2.38%	0.57%	29.87%	69.50%
160	62546	5.10%	50033	11358	22.70%	34,261	68.48%	23.29%	2.14%	0.91%	26.30%	72.94%
161	78104	31.24%	58514	14735	25.18%	35,969	61.47%	21.83%	3.65%	1.73%	27.25%	71.69%
162	56476	-5.10%	43083	22039	51.15%	14,320	33.24%	55.77%	6.12%	3.03%	63.56%	35.76%
163	54068	-9.15%	44616	18595	41.68%	20,690	46.37%	48.36%	3.69%	1.32%	53.37%	45.51%
164	70818	19.00%	53011	15197	28.67%	28,909	54.53%	27.74%	8.14%	2.70%	39.12%	59.61%
165	55158	-7.31%	44116	20459	46.38%	18,915	42.88%	56.50%	2.91%	0.78%	60.87%	38.13%
166	60603	1.83%	48269	3497	7.24%	40,305	83.50%	7.29%	2.83%	2.50%	12.59%	86.68%
167	54642	-8.18%	41781	8597	20.58%	28,625	68.51%	24.31%	3.69%	0.87%	28.80%	70.14%
168	55803	-6.23%	41255	19734	47.83%	15,862	38.45%	46.51%	9.62%	2.01%	58.05%	40.24%
169	54859	-7.82%	41038	10044	24.47%	25,774	62.81%	25.87%	5.55%	0.67%	31.96%	67.61%
170	53411	-10.25%	40005	9291	23.22%	26,669	66.66%	22.51%	3.96%	0.92%	27.35%	72.24%
171	53948	-9.35%	41293	15944	38.61%	22,289	53.98%	39.17%	2.15%	0.64%	42.09%	57.29%
172	53474	-10.14%	39924	11055	27.69%	22,351	55.98%	32.33%	6.36%	0.57%	39.28%	59.70%
173	55516	-6.71%	42468	15024	35.38%	23,656	55.70%	37.34%	2.34%	0.42%	40.16%	59.01%
174	54884	-7.78%	41660	9155	21.98%	27,292	65.51%	22.36%	5.31%	0.74%	28.61%	70.20%
175	59314	-0.33%	45493	12042	26.47%	29,973	65.88%	25.58%	3.49%	2.38%	30.61%	68.92%
176	57394	-3.56%	43069	10557	24.51%	27,795	64.54%	26.05%	4.64%	0.40%	31.36%	66.97%
177	54089	-9.11%	41311	23618	57.17%	14,014	33.92%	55.70%	2.91%	0.84%	59.44%	39.88%
178	53932	-9.37%	41153	3490	8.48%	34,940	84.90%	9.27%	1.79%	0.47%	11.71%	87.31%
179	57000	-4.22%	44961	12771	28.40%	28,097	62.49%	29.49%	3.02%	1.61%	34.26%	65.03%
180	57629	-3.16%	43969	8304	18.89%	31,150	70.85%	19.04%	4.40%	1.62%	24.93%	74.21%
Total 2020 Pop.	**10,711,908**	**56.66%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**					
Majority Districts					**47**			**48**			**62**	**118**

EXHIBIT W-2

Population Summary Report -- 2010 Census

Georgia State House -2011 Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
001	53612	-0.39%	41298	1166	2.82%	38907	94.21%	2.36%	0.80%	0.42%	3.58%
002	53910	0.17%	40653	1583	3.89%	37529	92.32%	3.88%	2.22%	0.35%	6.45%
003	53366	-0.84%	40240	915	2.27%	37632	93.52%	1.94%	1.48%	0.64%	4.06%
004	54120	0.56%	38389	2067	5.38%	22677	59.07%	6.24%	12.14%	1.22%	19.60%
005	53589	-0.43%	38998	1553	3.98%	32076	82.25%	4.03%	4.24%	0.57%	8.84%
006	53968	0.27%	38578	812	2.10%	30623	79.38%	2.47%	6.11%	0.18%	8.76%
007	54058	0.44%	43050	180	0.42%	40398	93.84%	0.07%	1.07%	0.05%	1.19%
008	53905	0.16%	43921	263	0.60%	41656	94.84%	0.59%	0.99%	0.25%	1.83%
009	54287	0.87%	42203	469	1.11%	39250	93.00%	0.80%	1.48%	0.52%	2.80%
010	54204	0.71%	41461	1564	3.77%	35595	85.85%	4.05%	3.03%	0.96%	8.04%
011	53610	-0.39%	40794	434	1.06%	37906	92.92%	1.21%	2.04%	0.24%	3.49%
012	54317	0.92%	41793	3893	9.31%	35349	84.58%	9.09%	1.12%	0.53%	10.74%
013	53445	-0.70%	40153	7975	19.86%	27406	68.25%	21.19%	2.71%	1.06%	24.96%
014	53527	-0.54%	39442	2556	6.48%	34794	88.22%	7.33%	1.84%	0.66%	9.83%
015	53473	-0.64%	39649	4989	12.58%	30998	78.18%	11.20%	2.09%	0.52%	13.81%
016	53926	0.20%	39416	4098	10.40%	31812	80.71%	10.53%	2.58%	0.55%	13.66%
017	54036	0.40%	37564	4941	13.15%	30620	81.51%	12.11%	3.06%	1.01%	16.18%
018	54209	0.72%	40590	6387	15.74%	31523	77.66%	15.71%	2.46%	0.42%	18.59%
019	54164	0.64%	38287	6733	17.59%	28968	75.66%	14.16%	2.61%	0.43%	17.20%
020	53679	-0.26%	38519	2832	7.35%	31648	82.16%	6.04%	3.22%	1.14%	10.40%
021	54040	0.41%	38275	1969	5.14%	32310	84.42%	4.13%	4.02%	1.16%	9.31%
022	54090	0.50%	38675	1434	3.71%	33227	85.91%	3.07%	3.13%	1.27%	7.47%
023	53852	0.06%	39892	2345	5.88%	32041	80.32%	4.72%	4.62%	0.68%	10.02%
024	53544	-0.51%	37966	1072	2.82%	31093	81.90%	2.20%	3.58%	2.05%	7.83%
025	54157	0.63%	35375	1339	3.79%	26584	75.15%	3.16%	3.58%	7.18%	13.92%
026	53850	0.06%	38105	564	1.48%	34061	89.39%	1.05%	2.62%	0.89%	4.56%
027	53475	-0.64%	39856	599	1.50%	36466	91.49%	1.49%	2.78%	0.45%	4.72%
028	53526	-0.55%	40206	2868	7.13%	34100	84.81%	7.17%	2.09%	0.69%	9.95%
029	53712	-0.20%	38911	3207	8.24%	23834	61.25%	9.29%	7.13%	1.72%	18.14%
030	53926	0.20%	37499	5073	13.53%	19883	53.02%	17.33%	10.24%	1.06%	28.63%
031	53585	-0.44%	39241	2596	6.62%	33797	86.13%	6.48%	2.59%	1.03%	10.10%
032	54017	0.37%	41866	5031	12.02%	35217	84.12%	12.22%	0.72%	0.41%	13.35%
033	53537	-0.53%	41192	8619	20.92%	30883	74.97%	20.63%	1.37%	0.11%	22.11%
034	54162	0.64%	41682	7266	17.43%	28879	69.28%	13.93%	4.12%	3.85%	21.90%
035	53394	-0.79%	37954	7917	20.86%	24818	65.39%	17.02%	4.17%	3.78%	24.97%
036	54192	0.69%	37923	4540	11.97%	30901	81.48%	13.08%	3.24%	2.11%	18.43%
037	54233	0.77%	40849	8813	21.57%	24313	59.52%	22.30%	4.08%	2.06%	28.44%
038	53921	0.19%	39397	16677	42.33%	18189	46.17%	40.73%	5.07%	1.07%	46.87%
039	54192	0.69%	38182	20007	52.40%	11379	29.80%	58.30%	4.04%	1.11%	63.45%
040	53978	0.29%	43428	9296	21.41%	29261	67.38%	19.31%	2.89%	2.84%	25.04%
041	54148	0.61%	38676	14288	36.94%	13396	34.64%	42.49%	6.90%	3.10%	52.49%
042	53894	0.14%	40861	16393	40.12%	13093	32.04%	45.23%	6.27%	2.64%	54.14%
043	53969	0.28%	42593	6508	15.28%	29183	68.52%	13.70%	2.84%	3.55%	20.09%
044	53480	-0.63%	40695	4852	11.92%	30205	74.22%	12.19%	4.12%	4.01%	20.32%
045	53969	0.28%	40117	3717	9.27%	31732	79.10%	5.53%	2.34%	4.15%	12.02%
046	53712	-0.20%	39868	2803	7.03%	32356	81.16%	8.32%	3.21%	3.18%	14.71%
047	54102	0.52%	38241	3166	8.28%	29012	75.87%	7.30%	3.30%	4.27%	14.87%
048	53832	0.02%	40207	5159	12.83%	24867	61.85%	12.55%	4.13%	2.34%	19.02%
049	53609	-0.39%	38077	3978	10.45%	26375	69.27%	10.39%	4.01%	5.02%	19.42%
050	53486	-0.62%	36917	3577	9.69%	21065	57.06%	12.51%	3.42%	13.98%	29.91%
051	53630	-0.35%	41035	8890	21.66%	26239	63.94%	19.78%	3.28%	4.35%	27.41%
052	53458	-0.67%	41106	5541	13.48%	28739	69.91%	12.68%	1.69%	1.66%	16.03%
053	53464	-0.66%	39598	23783	60.06%	11896	30.04%	64.43%	2.61%	1.03%	68.07%
054	53576	-0.45%	44566	5754	12.91%	32767	73.52%	12.29%	2.60%	2.95%	17.84%
055	53875	0.10%	43575	30335	69.62%	11097	25.47%	69.9%	1.28%	1.19%	72.35%
056	53,564	-0.48%	46,750	25886	55.37%	14,630	31.29%	55.30%	2.90%	3.57%	61.77%
057	54,205	0.72%	45,178	25177	55.73%	16,387	36.27%	54.54%	2.18%	2.29%	59.01%
058	53,635	-0.34%	44,854	25774	57.46%	16,124	35.95%	55.98%	1.58%	2.56%	60.12%
059	53,359	-0.86%	41,605	23736	57.05%	14,315	34.41%	59.41%	3.48%	1.43%	64.32%
060	53,690	-0.24%	38,177	25398	66.53%	5,908	15.48%	73.20%	6.25%	3.74%	83.19%
061	54,224	0.75%	39,023	27420	70.27%	8,628	22.11%	68.71%	2.22%	0.72%	71.65%
062	53,740	-0.15%	38,345	26850	70.02%	9,599	25.03%	67.96%	2.57%	1.05%	71.58%
063	53,547	-0.51%	39,038	25202	64.56%	11,331	29.03%	62.59%	2.56%	1.16%	66.31%
064	53,952	0.25%	39,190	24004	61.25%	12,529	31.97%	59.04%	2.61%	1.51%	63.16%
065	54,298	0.89%	37,616	26009	69.14%	8,618	22.91%	70.28%	2.81%	0.49%	73.58%
066	54,130	0.58%	38,363	15500	40.40%	19,904	51.88%	35.92%	3.38%	1.24%	40.54%
067	54,230	0.76%	38,436	7530	19.59%	28,486	74.11%	18.82%	2.66%	0.64%	22.12%
068	53,699	-0.22%	38,489	6315	16.41%	30,014	77.98%	15.67%	1.45%	0.56%	17.68%

Population Summary Report -- 2010 Census

Georgia State House -2011 Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
069	54,158	0.63%	41,364	5771	13.95%	33,786	81.68%	13.36%	0.64%	0.33%	14.33%
070	54,341	0.97%	40,088	7771	19.38%	28,831	71.92%	18.05%	2.53%	1.09%	21.67%
071	54,165	0.64%	38,886	4079	10.49%	31,429	80.82%	11.48%	3.43%	1.36%	16.27%
072	53,807	-0.02%	38,955	2574	6.61%	33,034	84.80%	6.61%	2.96%	1.44%	11.01%
073	54,027	0.38%	39,600	10377	26.20%	26,797	67.67%	23.99%	1.85%	0.97%	26.81%
074	53,401	-0.78%	38,810	25271	65.11%	5,444	14.03%	69.33%	3.89%	5.86%	79.08%
075	53,930	0.20%	38,464	26094	67.84%	7,354	19.12%	69.54%	3.10%	2.31%	74.95%
076	53,288	-0.99%	38,157	24251	63.56%	9,179	24.06%	63.12%	3.42%	3.27%	69.81%
077	53,704	-0.22%	37,349	26045	69.73%	4,674	12.51%	76.92%	4.09%	2.74%	83.75%
078	53,616	-0.38%	38,129	22091	57.94%	10,582	27.75%	55.93%	4.47%	3.83%	64.23%
079	53,714	-0.20%	41,179	6609	16.05%	24,635	59.82%	13.01%	2.90%	5.85%	21.76%
080	53,535	-0.53%	43,496	5384	12.38%	26,919	61.89%	11.25%	3.93%	4.40%	19.58%
081	53,590	-0.43%	41,186	4518	10.97%	16,960	41.18%	14.85%	7.92%	9.13%	31.90%
082	53,564	-0.48%	43,727	7170	16.40%	23,793	54.41%	12.93%	5.64%	6.19%	24.76%
083	53,652	-0.31%	41,089	25326	61.64%	13,935	33.91%	64.10%	1.40%	0.99%	66.49%
084	53,650	-0.32%	41,782	24887	59.56%	14,386	34.43%	60.67%	1.84%	1.38%	63.89%
085	54,195	0.70%	41,110	24001	58.38%	10,635	25.87%	63.79%	2.25%	3.13%	69.17%
086	53,878	0.11%	40,880	25225	61.70%	12,199	29.84%	61.91%	1.22%	3.08%	66.21%
087	54,104	0.53%	40,610	27034	66.57%	9,417	23.19%	66.69%	2.87%	2.89%	72.45%
088	54,194	0.69%	40,173	25255	62.87%	9,503	23.66%	67.18%	3.37%	2.01%	72.56%
089	53,838	0.03%	42,011	26500	63.08%	13,823	32.90%	63.49%	2.27%	1.08%	66.84%
090	53,620	-0.37%	39,580	26842	67.82%	11,351	28.68%	65.81%	1.79%	1.09%	68.69%
091	54,022	0.38%	39,377	24927	63.30%	12,540	31.85%	59.19%	1.48%	1.39%	62.06%
092	54,205	0.72%	38,475	25812	67.09%	8,390	21.81%	67.92%	2.10%	0.38%	70.40%
093	54,333	0.95%	37,658	24507	65.08%	10,340	27.46%	63.10%	1.80%	2.31%	67.21%
094	53,570	-0.46%	38,031	25154	66.14%	9,399	24.71%	65.76%	3.05%	1.70%	70.51%
095	54,289	0.87%	39,953	8348	20.89%	21,216	53.10%	21.81%	4.02%	8.63%	34.46%
096	53,962	0.26%	39,523	7522	19.03%	11,306	28.61%	25.59%	9.10%	17.08%	51.77%
097	53,821	0.00%	38,410	4067	10.59%	23,328	60.73%	11.86%	5.04%	10.59%	27.49%
098	53,755	-0.12%	37,662	3719	9.87%	26,455	70.24%	8.16%	5.05%	3.93%	17.14%
099	53,673	-0.27%	37,254	8380	22.49%	5,863	15.74%	36.91%	15.99%	12.33%	65.23%
100	53,679	-0.26%	37,465	12362	33.00%	7,499	20.02%	40.67%	12.14%	11.25%	64.06%
101	53,747	-0.14%	38,785	7813	20.14%	18,417	47.48%	18.95%	6.76%	10.33%	36.04%
102	53,770	-0.09%	39,110	7436	19.01%	21,477	54.91%	17.69%	6.72%	9.85%	34.26%
103	53,539	-0.52%	37,730	5689	15.08%	25,829	68.46%	13.92%	4.98%	2.78%	21.68%
104	53,374	-0.83%	35,769	6180	17.28%	24,675	68.98%	15.81%	4.57%	3.10%	23.48%
105	53,718	-0.19%	36,580	12384	33.85%	17,712	48.42%	31.27%	6.87%	3.29%	41.43%
106	53,473	-0.64%	38,585	10093	26.16%	22,889	59.32%	23.57%	3.34%	4.67%	31.58%
107	53,368	-0.84%	37,377	8121	21.73%	17,931	47.97%	20.19%	6.57%	11.07%	37.83%
108	53,549	-0.50%	39,456	6235	15.80%	21,021	53.28%	15.22%	5.82%	10.54%	31.58%
109	54,292	0.88%	38,161	10584	27.74%	24,923	65.31%	24.16%	2.94%	1.83%	28.93%
110	54,076	0.48%	38,376	11665	30.40%	24,658	64.25%	29.78%	3.00%	0.43%	33.21%
111	54,197	0.70%	38,545	13317	34.55%	21,638	56.14%	30.80%	3.87%	2.98%	37.65%
112	53,657	-0.30%	40,120	8552	21.32%	29,845	74.39%	19.58%	1.36%	1.15%	22.09%
113	53,670	-0.28%	37,191	21214	57.04%	13,813	37.14%	53.39%	2.93%	0.66%	56.98%
114	53,571	-0.46%	38,119	5566	14.60%	29,693	77.90%	11.43%	2.10%	1.78%	15.31%
115	53,559	-0.48%	39,330	7386	18.78%	30,398	77.29%	19.55%	1.09%	0.29%	20.93%
116	53,885	0.12%	38,935	4019	10.32%	30,680	78.80%	9.30%	3.34%	2.49%	15.13%
117	54,352	0.99%	43,102	7399	17.17%	31,068	72.08%	18.90%	2.52%	2.67%	24.09%
118	53,858	0.07%	42,287	12998	30.74%	22,996	54.38%	32.01%	3.51%	1.60%	37.12%
119	53,330	-0.91%	43,291	5052	11.67%	33,767	78.00%	10.57%	2.09%	2.64%	15.30%
120	53,857	0.07%	42,036	12394	29.48%	27,514	65.45%	30.68%	1.44%	0.23%	32.35%
121	54,069	0.46%	39,434	9357	23.73%	27,460	69.64%	25.00%	2.46%	0.80%	28.26%
122	53,789	-0.06%	38,559	4545	11.79%	30,060	77.96%	9.95%	2.97%	4.33%	17.25%
123	54,305	0.90%	41,748	7302	17.49%	30,989	74.23%	16.25%	2.00%	2.45%	20.70%
124	53,886	0.12%	42,242	23177	54.87%	16,470	38.99%	54.70%	2.30%	0.95%	57.95%
125	54,151	0.62%	39,400	20239	51.37%	17,430	44.24%	50.02%	2.26%	0.98%	53.26%
126	53,613	-0.38%	38,267	22711	59.35%	13,760	35.96%	58.42%	2.86%	1.00%	62.28%
127	53,672	-0.27%	40,411	21166	52.38%	16,197	40.08%	53.07%	3.27%	1.28%	57.62%
128	53,559	-0.48%	41,388	22681	54.80%	17,800	43.01%	57.56%	0.55%	0.13%	58.24%
129	53,337	-0.90%	40,449	11064	27.35%	28,085	69.43%	27.36%	0.50%	0.33%	28.19%
130	53,800	-0.04%	39,700	12673	31.92%	25,376	63.92%	31.10%	1.60%	0.30%	33.00%
131	54,163	0.64%	41,142	10296	25.03%	29,784	72.39%	24.94%	0.64%	0.26%	25.84%
132	53,756	-0.12%	38,796	15878	40.93%	20,253	52.20%	42.81%	1.71%	0.10%	44.62%
133	53,564	-0.48%	40,825	7557	18.51%	31,346	76.78%	18.65%	1.43%	1.20%	21.28%
134	53,328	-0.91%	40,802	6684	16.38%	30,463	74.66%	15.94%	4.42%	2.45%	22.81%
135	53,588	-0.43%	39,104	21613	55.27%	14,206	36.33%	51.41%	3.26%	0.92%	55.59%
136	53,614	-0.38%	39,806	22062	55.42%	14,317	35.97%	54.10%	4.73%	1.06%	59.89%

Population Summary Report -- 2010 Census

Georgia State House -2011 Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
137	53,431	-0.72%	39,957	20929	52.38%	17,430	43.62%	52.20%	2.20%	0.75%	55.15%
138	53,825	0.01%	39,760	15183	38.19%	21,346	53.69%	39.15%	3.88%	0.89%	43.92%
139	53,594	-0.42%	41,652	23534	56.50%	15,910	38.20%	58.13%	1.79%	0.11%	60.03%
140	54,060	0.45%	41,014	13018	31.74%	25,617	62.46%	31.79%	1.92%	0.66%	34.37%
141	54,344	0.97%	41,154	9238	22.45%	29,476	71.62%	21.24%	1.85%	1.92%	25.01%
142	53,493	-0.61%	38,488	24286	63.10%	12,859	33.41%	61.59%	0.87%	0.88%	63.34%
143	53,945	0.23%	40,592	23591	58.12%	15,503	38.19%	57.07%	1.56%	0.51%	59.14%
144	53,343	-0.89%	40,553	11199	27.62%	27,961	68.95%	28.31%	0.47%	0.63%	29.41%
145	53,485	-0.62%	42,344	15738	37.17%	25,035	59.12%	38.37%	1.44%	0.79%	40.60%
146	53,671	-0.28%	38,823	9475	24.41%	26,352	67.88%	23.43%	2.75%	1.75%	27.93%
147	53,333	-0.90%	39,589	10731	27.11%	24,720	62.44%	25.27%	4.00%	1.77%	31.04%
148	53,393	-0.79%	40,651	13869	34.12%	25,181	61.94%	35.21%	1.19%	0.43%	36.83%
149	53,612	-0.39%	41,813	13302	31.81%	25,532	61.06%	33.80%	2.50%	0.16%	36.46%
150	54,142	0.60%	40,188	13104	32.61%	25,778	64.14%	32.60%	0.77%	0.74%	34.11%
151	54,071	0.47%	41,637	21588	51.85%	17,760	42.65%	54.28%	0.56%	0.14%	54.98%
152	53,990	0.32%	39,824	9204	23.11%	29,143	73.18%	23.15%	1.18%	0.29%	24.62%
153	54,116	0.55%	40,411	24053	59.52%	14,776	36.56%	58.29%	1.53%	0.38%	60.20%
154	53,972	0.28%	40,393	23850	59.04%	15,734	38.95%	58.96%	0.58%	0.26%	59.80%
155	54,020	0.37%	40,658	10979	27.00%	27,516	67.68%	26.68%	1.28%	0.46%	28.42%
156	53,637	-0.34%	39,399	8571	21.75%	27,559	69.95%	22.51%	3.22%	0.34%	26.07%
157	54,334	0.96%	41,282	11367	27.54%	26,508	64.21%	28.32%	1.69%	0.20%	30.21%
158	53,861	0.08%	40,158	13040	32.47%	24,812	61.79%	34.35%	1.21%	0.17%	35.73%
159	53,363	-0.85%	39,250	10906	27.79%	27,220	69.35%	27.22%	0.85%	0.35%	28.42%
160	53,304	-0.96%	43,070	8969	20.82%	31,753	73.72%	19.16%	1.95%	0.83%	21.94%
161	53,931	0.21%	39,726	7185	18.09%	29,619	74.56%	16.60%	2.44%	1.66%	20.70%
162	53,981	0.30%	39,859	19719	49.47%	15,220	38.18%	54.96%	3.27%	1.42%	59.65%
163	53,520	-0.56%	42,793	20549	48.02%	19,655	45.93%	50.89%	2.15%	0.64%	53.68%
164	53,429	-0.73%	37,716	9242	24.50%	24,373	64.62%	22.65%	5.51%	2.06%	30.22%
165	54,179	0.67%	41,654	21735	52.18%	17,665	42.41%	51.51%	1.64%	1.87%	55.02%
166	54,210	0.72%	43,386	4464	10.29%	36,437	83.98%	8.71%	2.20%	1.83%	12.74%
167	54,342	0.97%	40,594	8882	21.88%	28,983	71.40%	21.36%	3.07%	0.41%	24.84%
168	54,032	0.39%	38,351	17364	45.28%	16,842	43.92%	44.81%	6.81%	1.69%	53.31%
169	53,975	0.29%	39,756	8916	22.43%	27,060	68.07%	23.71%	4.21%	0.00%	27.92%
170	53,301	-0.96%	39,206	8261	21.07%	28,260	72.08%	22.99%	1.68%	0.27%	24.94%
171	54,189	0.69%	40,274	14972	37.18%	22,767	56.53%	38.06%	2.13%	0.23%	40.42%
172	53,287	-0.99%	38,475	10746	27.93%	22,620	58.79%	30.48%	3.89%	0.38%	34.75%
173	54,287	0.87%	40,561	14271	35.18%	23,472	57.87%	37.50%	1.30%	0.38%	39.18%
174	54,123	0.56%	39,946	9117	22.82%	27,945	69.96%	23.95%	1.60%	0.32%	25.87%
175	53,794	-0.05%	41,150	10559	25.66%	28,506	69.27%	24.55%	1.74%	0.66%	26.95%
176	54,258	0.81%	40,023	9625	24.05%	27,233	68.04%	23.95%	2.10%	0.58%	26.63%
177	54,030	0.39%	41,506	21161	50.98%	17,893	43.11%	52.18%	1.99%	0.86%	55.03%
178	53,463	-0.66%	40,080	3608	9.00%	34,355	85.72%	9.50%	1.49%	0.38%	11.37%
179	54,081	0.48%	41,101	12187	29.65%	25,856	62.91%	30.78%	2.02%	0.48%	33.28%
180	53,321	-0.93%	39,225	7340	18.71%	29,232	74.52%	18.96%	3.46%	1.17%	23.59%
Total 2010 Pop.	**9,687,653**	**1.98%**	**7,196,101**	**2,140,789**	**29.75%**	**4,242,514**	**58.96%**				

CVAP Source:
* 2006-110 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017

EXHIBIT W-3

Population Summary Report -- 2010 Census

Georgia State House -2006 Benchmark Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
001	53454	-0.68%	41046	1819	4.43%	37825	92.15%	4.19%	1.44%	0.40%	6.03%
002	49475	-8.07%	38103	948	2.49%	36046	94.60%	2.38%	0.79%	0.45%	3.62%
003	55830	3.73%	41339	789	1.91%	38447	93.00%	1.45%	2.52%	0.35%	4.32%
004	56709	5.37%	39715	2131	5.37%	22090	55.62%	6.62%	13.34%	1.23%	21.19%
005	53590	-0.43%	39255	1347	3.43%	31958	81.41%	3.22%	4.91%	0.56%	8.69%
006	53746	-0.14%	39195	857	2.19%	33244	84.82%	2.21%	4.07%	0.39%	6.67%
007	55327	2.80%	44022	180	0.41%	41327	93.88%	0.07%	1.08%	0.05%	1.20%
008	53313	-0.94%	43555	296	0.68%	41278	94.77%	0.73%	0.93%	0.25%	1.91%
009	70203	30.44%	53356	618	1.16%	49262	92.33%	0.58%	1.71%	0.44%	2.73%
010	56695	5.34%	43060	1531	3.56%	37160	86.30%	3.74%	2.97%	0.92%	7.63%
011	47447	-11.84%	36842	3376	9.16%	31666	85.95%	8.51%	0.72%	0.33%	9.56%
012	56194	4.41%	42381	667	1.57%	39732	93.75%	1.94%	1.46%	0.24%	3.64%
013	46862	-12.93%	34989	8048	23.00%	21809	62.33%	25.00%	3.48%	1.42%	29.90%
014	58382	8.48%	42604	2889	6.78%	37521	88.07%	8.42%	1.89%	0.73%	11.04%
015	58888	9.42%	43711	5183	11.86%	34525	78.98%	10.74%	2.08%	0.47%	13.29%
016	49562	-7.91%	36585	3956	10.81%	29311	80.12%	10.52%	2.68%	0.53%	13.73%
017	79395	47.52%	55950	7196	12.86%	46005	82.23%	12.35%	2.68%	0.86%	15.89%
018	52188	-3.03%	39974	7524	18.82%	29521	73.85%	17.87%	2.40%	0.43%	20.70%
019	73319	36.23%	51264	9537	18.60%	38478	75.06%	15.72%	2.63%	0.31%	18.66%
020	51632	-4.07%	37431	2521	6.74%	30225	80.75%	5.80%	4.12%	0.87%	10.79%
021	75926	41.07%	55388	2236	4.04%	47686	86.09%	3.84%	3.15%	0.79%	7.78%
022	78834	46.48%	56710	3920	6.91%	46373	81.77%	5.88%	3.81%	1.66%	11.35%
023	79982	48.61%	56739	1350	2.38%	48296	85.12%	1.83%	3.50%	1.44%	6.77%
024	80448	49.48%	54766	1809	3.30%	42537	77.67%	2.74%	3.64%	4.58%	10.96%
025	64506	19.86%	47470	2542	5.35%	37453	78.90%	4.65%	5.13%	2.03%	11.81%
026	53090	-1.36%	36840	5519	14.98%	15589	42.32%	21.74%	9.99%	1.32%	33.05%
027	56960	5.83%	42735	696	1.63%	39062	91.41%	2.10%	2.50%	0.46%	5.06%
028	50491	-6.19%	38571	2716	7.04%	34181	88.62%	6.86%	0.84%	0.56%	8.26%
029	49432	-8.15%	38269	4833	12.63%	31950	83.49%	13.01%	0.68%	0.34%	14.03%
030	47974	-10.86%	36289	6275	17.29%	28241	77.82%	17.36%	1.36%	0.06%	18.78%
031	69009	28.22%	49585	4024	8.12%	38218	77.08%	8.33%	5.26%	1.09%	14.68%
032	62747	16.59%	48430	8198	16.93%	34440	71.11%	14.16%	3.97%	3.21%	21.34%
033	53275	-1.01%	38833	16835	43.35%	17965	46.26%	41.19%	4.22%	1.05%	46.46%
034	53448	-0.69%	40414	10579	26.18%	22680	56.12%	24.25%	5.01%	4.13%	33.39%
035	59596	10.73%	42843	8982	20.96%	27287	63.69%	17.92%	4.59%	4.21%	26.72%
036	60005	11.49%	42081	4949	11.76%	34345	81.62%	11.99%	3.17%	1.97%	17.13%
037	48429	-10.02%	34277	10861	31.69%	14861	43.36%	36.45%	6.29%	2.21%	44.95%
038	46017	-14.50%	35099	10132	28.87%	17031	48.52%	30.65%	4.90%	2.38%	37.93%
039	55169	2.51%	39079	19758	50.56%	12545	32.10%	55.04%	4.25%	0.71%	60.00%
040	43063	-19.99%	33244	13427	40.39%	11084	33.34%	43.64%	5.40%	1.86%	50.90%
041	46462	-13.67%	36711	7802	21.25%	22524	61.35%	20.35%	3.17%	2.64%	26.16%
042	47472	-11.79%	36018	3663	10.17%	27016	75.01%	10.42%	4.19%	4.88%	19.49%
043	45632	-15.21%	33625	2655	7.90%	27194	80.87%	8.91%	3.22%	3.82%	15.95%
044	45368	-15.70%	35342	19904	56.32%	12147	34.37%	60.99%	2.18%	1.23%	64.40%
045	44413	-17.48%	32267	1162	3.60%	27501	85.23%	2.80%	1.96%	4.87%	9.63%
046	65510	21.72%	46825	4010	8.56%	35888	76.64%	7.95%	3.23%	3.78%	14.96%
047	56500	4.98%	40342	5106	12.66%	24427	60.55%	12.96%	4.95%	4.14%	22.05%
048	51396	-4.50%	40407	10334	25.57%	24345	60.25%	20.81%	3.29%	1.16%	25.26%
049	47374	-11.98%	35248	4620	13.11%	24014	68.13%	12.01%	2.71%	5.57%	20.29%
050	59352	10.28%	40370	3964	9.82%	23357	57.86%	12.30%	3.64%	13.95%	29.89%
051	46765	-13.11%	33975	3454	10.17%	22658	66.69%	10.90%	2.97%	10.01%	23.88%
052	49183	-8.62%	38972	5289	13.57%	26347	67.60%	12.25%	2.73%	2.68%	17.66%
053	41467	-22.95%	30928	18197	58.84%	10585	34.22%	61.68%	1.63%	0.82%	64.13%
054	54106	0.53%	43620	4281	9.81%	34302	78.64%	8.94%	1.95%	2.35%	13.24%
055	40898	-24.01%	33659	20387	60.57%	11146	33.11%	60.8%	2.14%	1.56%	64.47%
056	51,785	-3.78%	46,504	22239	47.82%	17,335	37.28%	44.94%	3.50%	4.14%	52.58%
057	51,069	-5.11%	43,585	6082	13.95%	30,250	69.40%	12.83%	3.58%	3.43%	19.84%
058	41,038	-23.75%	33,528	17725	52.87%	13,283	39.62%	57.52%	3.48%	1.35%	62.35%
059	48,474	-9.93%	40,157	21356	53.18%	15,516	38.64%	49.18%	2.26%	3.72%	55.16%
060	39,431	-26.74%	28,011	18077	64.54%	4,609	16.45%	69.85%	5.67%	3.45%	78.97%
061	37,096	-31.07%	27,859	21958	78.82%	3,946	14.16%	80.63%	3.64%	0.80%	85.07%
062	37,690	-29.97%	27,743	18555	66.88%	3,705	13.35%	74.40%	5.19%	2.75%	82.34%
063	70,816	31.58%	50,701	36090	71.18%	12,573	24.80%	69.14%	2.07%	1.05%	72.26%
064	57,109	6.11%	42,058	28748	68.35%	10,086	23.98%	68.59%	2.13%	0.55%	71.27%
065	75,570	40.41%	52,942	42618	80.50%	7,297	13.78%	81.79%	2.17%	0.35%	84.31%
066	61,283	13.87%	43,745	30289	69.24%	10,715	24.49%	68.55%	2.23%	1.10%	71.88%
067	63,519	18.02%	45,888	15971	34.80%	26,342	57.40%	32.36%	2.42%	1.10%	35.88%
068	65,624	21.93%	47,428	7221	15.23%	37,625	79.33%	14.72%	1.44%	0.57%	16.73%

Population Summary Report -- 2010 Census

Georgia State House -2006 Benchmark Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
069	51,692	-3.95%	38,652	5767	14.92%	31,227	80.79%	15.40%	0.73%	0.39%	16.52%
070	69,309	28.78%	50,441	11814	23.42%	33,652	66.72%	23.59%	3.37%	0.99%	27.95%
071	59,721	10.96%	43,305	3938	9.09%	36,630	84.59%	9.60%	2.43%	0.96%	12.99%
072	52,644	-2.19%	38,144	4900	12.85%	29,056	76.17%	11.31%	3.37%	1.86%	16.54%
073	69,207	28.59%	50,075	11346	22.66%	35,776	71.44%	19.98%	2.57%	0.88%	23.43%
074	48,881	-9.18%	36,170	24836	68.66%	8,156	22.55%	67.74%	1.79%	2.60%	72.13%
075	42,907	-20.28%	30,255	17091	56.49%	5,575	18.43%	64.77%	4.02%	6.04%	74.83%
076	57,823	7.44%	41,508	27253	65.66%	7,676	18.49%	66.00%	4.71%	4.35%	75.06%
077	47,484	-11.77%	33,575	23354	69.56%	6,908	20.57%	68.07%	3.79%	2.78%	74.64%
078	65,593	21.87%	47,023	28287	60.16%	13,377	28.45%	60.81%	3.26%	2.36%	66.43%
079	53,290	-0.98%	41,045	6362	15.50%	25,432	61.96%	12.58%	2.58%	6.05%	21.21%
080	48,878	-9.18%	39,772	5312	13.36%	22,512	56.60%	13.75%	3.81%	4.85%	22.41%
081	42,977	-20.15%	33,299	3963	11.90%	10,850	32.58%	13.76%	10.07%	9.03%	32.86%
082	47,958	-10.89%	37,519	8141	21.70%	20,385	54.33%	20.53%	6.10%	5.92%	32.55%
083	50,049	-7.01%	41,295	4192	10.15%	30,213	73.16%	9.08%	3.35%	5.31%	17.74%
084	40,447	-24.85%	31,639	19111	60.40%	11,435	36.14%	61.95%	1.39%	0.93%	64.27%
085	40,501	-24.75%	31,496	18029	57.24%	11,530	36.61%	60.93%	2.05%	1.09%	64.07%
086	40,885	-24.03%	29,654	18066	60.92%	6,176	20.83%	63.58%	1.83%	5.24%	70.65%
087	41,980	-22.00%	31,129	22600	72.60%	5,339	17.15%	73.15%	2.77%	2.33%	78.25%
088	47,769	-11.24%	34,892	22898	65.63%	9,172	26.29%	67.74%	1.42%	1.96%	71.12%
089	40,729	-24.32%	30,790	27652	89.81%	2,128	6.91%	89.81%	1.56%	1.12%	92.49%
090	57,061	6.02%	41,103	30855	75.07%	7,986	19.43%	74.05%	2.06%	0.97%	77.08%
091	53,881	0.11%	39,868	26160	65.62%	12,215	30.64%	63.11%	2.12%	0.91%	66.14%
092	51,040	-5.17%	37,798	26340	69.69%	10,346	27.37%	68.10%	1.18%	1.34%	70.62%
093	63,530	18.04%	45,221	36205	80.06%	7,604	16.82%	76.58%	1.23%	0.75%	78.56%
094	58,376	8.47%	41,057	28692	69.88%	7,728	18.82%	72.53%	1.98%	0.62%	75.13%
095	71,086	32.08%	50,283	25660	51.03%	20,694	41.16%	44.40%	2.93%	2.17%	49.50%
096	47,685	-11.40%	34,141	8866	25.97%	7,561	22.15%	36.99%	12.34%	10.46%	59.79%
097	61,275	13.85%	45,595	7147	15.67%	21,480	47.11%	17.34%	4.58%	14.06%	35.98%
098	84,580	57.15%	58,276	6743	11.57%	37,380	64.14%	11.62%	5.69%	6.57%	23.88%
099	47,838	-11.11%	33,004	7666	23.23%	4,599	13.93%	41.74%	17.01%	12.33%	71.08%
100	55,568	3.25%	38,618	12411	32.14%	7,372	19.09%	39.21%	13.06%	10.65%	62.92%
101	55,596	3.30%	39,665	7278	18.35%	20,429	51.50%	16.89%	7.05%	11.26%	35.20%
102	50,560	-6.06%	37,270	6111	16.40%	19,086	51.21%	15.97%	6.14%	11.57%	33.68%
103	57,269	6.41%	40,722	9175	22.53%	18,989	46.63%	23.12%	7.59%	10.01%	40.72%
104	66,935	24.37%	47,629	14523	30.49%	20,938	43.96%	27.87%	7.26%	5.99%	41.12%
105	91,944	70.84%	63,507	10510	16.55%	42,687	67.22%	15.30%	4.91%	4.52%	24.73%
106	50,087	-6.94%	36,330	10691	29.43%	21,003	57.81%	26.47%	3.02%	3.25%	32.74%
107	90,144	67.49%	62,752	16788	26.75%	39,288	62.61%	24.06%	2.92%	2.47%	29.45%
108	68,282	26.87%	49,007	5593	11.41%	38,041	77.62%	10.77%	3.60%	2.27%	16.64%
109	78,421	45.71%	55,731	21175	38.00%	29,198	52.39%	35.56%	3.50%	3.12%	42.18%
110	80,088	48.81%	56,093	14421	25.71%	39,247	69.97%	23.66%	2.57%	0.31%	26.54%
111	62,275	15.71%	45,634	7639	16.74%	36,211	79.35%	17.38%	1.20%	0.26%	18.84%
112	57,345	6.55%	42,441	11922	28.09%	28,561	67.30%	26.72%	1.32%	1.09%	29.13%
113	56,617	5.20%	42,230	4414	10.45%	34,830	82.48%	11.67%	1.89%	1.44%	15.00%
114	53,145	-1.25%	41,537	14028	33.77%	21,233	51.12%	37.62%	3.56%	0.67%	41.85%
115	50,009	-7.08%	43,816	7067	16.13%	31,025	70.81%	13.87%	2.46%	4.85%	21.18%
116	49,355	-8.30%	38,392	12575	32.75%	23,833	62.08%	34.06%	1.42%	0.20%	35.68%
117	64,224	19.33%	47,253	9476	20.05%	34,263	72.51%	20.72%	3.34%	1.15%	25.21%
118	60,824	13.01%	44,221	5565	12.58%	34,204	77.35%	11.24%	2.64%	4.24%	18.12%
119	46,117	-14.31%	36,747	8043	21.89%	25,662	69.83%	19.89%	1.61%	2.13%	23.63%
120	49,471	-8.08%	37,379	22821	61.05%	12,062	32.27%	60.90%	2.36%	1.10%	64.36%
121	39,901	-25.86%	29,890	19292	64.54%	9,527	31.87%	64.04%	1.69%	0.37%	66.10%
122	45,723	-15.04%	33,052	18144	54.90%	13,307	40.26%	53.61%	3.15%	1.50%	58.26%
123	49,250	-8.49%	35,851	17946	50.06%	15,378	42.89%	48.34%	3.99%	1.29%	53.62%
124	45,898	-14.72%	35,277	15372	43.58%	19,059	54.03%	46.56%	0.70%	0.16%	47.42%
125	54,944	2.09%	41,495	11301	27.23%	28,902	69.65%	28.42%	0.68%	0.30%	29.40%
126	48,971	-9.01%	36,905	14100	38.21%	21,077	57.11%	37.99%	1.55%	0.47%	40.01%
127	50,054	-7.00%	37,947	8056	21.23%	28,899	76.16%	20.26%	0.65%	0.28%	21.19%
128	46,413	-13.76%	34,272	14991	43.74%	17,980	52.46%	45.26%	0.74%	0.10%	46.10%
129	53,120	-1.30%	40,339	7156	17.74%	31,282	77.55%	17.61%	1.61%	1.21%	20.43%
130	50,024	-7.05%	36,257	18142	50.04%	15,351	42.34%	43.57%	5.52%	1.49%	50.58%
131	54,525	1.31%	41,455	7117	17.17%	30,017	72.41%	17.25%	5.03%	2.09%	24.37%
132	42,799	-20.48%	31,341	19080	60.88%	9,735	31.06%	59.11%	2.16%	0.82%	62.09%
133	39,441	-26.72%	29,843	19452	65.18%	8,591	28.79%	68.23%	2.91%	0.93%	72.07%
134	47,935	-10.93%	35,769	15318	42.82%	18,320	51.22%	44.38%	1.72%	0.65%	46.75%
135	48,898	-9.15%	38,140	22574	59.19%	13,650	35.79%	61.42%	1.64%	0.12%	63.18%
136	56,696	5.34%	43,280	8935	20.64%	31,648	73.12%	19.72%	1.62%	1.29%	22.63%

Population Summary Report -- 2010 Census

Georgia State House -2006 Benchmark Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*
137	49,858	-7.36%	38,238	8287	21.67%	27,905	72.98%	20.86%	1.82%	1.44%	24.12%
138	43,715	-18.78%	30,581	23340	76.32%	6,383	20.87%	73.58%	1.04%	1.28%	75.90%
139	41,191	-23.47%	31,048	20686	66.63%	9,219	29.69%	65.66%	1.40%	0.42%	67.48%
140	46,613	-13.39%	35,260	11519	32.67%	22,449	63.67%	34.34%	0.38%	0.23%	34.95%
141	46,542	-13.52%	37,053	14053	37.93%	21,650	58.43%	38.86%	1.30%	0.82%	40.98%
142	45,637	-15.20%	34,786	17778	51.11%	16,093	46.26%	51.70%	0.83%	0.13%	52.66%
143	48,983	-8.99%	36,401	12232	33.60%	22,917	62.96%	33.51%	0.87%	0.84%	35.22%
144	51,000	-5.24%	39,811	11679	29.34%	26,689	67.04%	30.47%	1.33%	0.71%	32.51%
145	43,689	-18.82%	32,006	12280	38.37%	16,489	51.52%	35.58%	3.74%	1.36%	40.68%
146	67,028	24.54%	49,041	11315	23.07%	33,557	68.43%	22.96%	3.34%	1.77%	28.07%
147	54,428	1.13%	40,360	13885	34.40%	24,780	61.40%	34.48%	1.33%	0.44%	36.25%
148	41,718	-22.49%	31,587	11460	36.28%	16,935	53.61%	39.43%	3.61%	0.51%	43.55%
149	43,458	-19.25%	33,352	15281	45.82%	17,313	51.91%	46.51%	0.47%	0.06%	47.04%
150	45,353	-15.73%	33,671	21800	64.74%	11,080	32.91%	64.74%	0.70%	0.64%	66.08%
151	45,471	-15.51%	33,759	22061	65.35%	10,505	31.12%	63.81%	1.24%	0.11%	65.16%
152	47,091	-12.50%	34,628	8293	23.95%	24,924	71.98%	22.97%	1.55%	0.33%	24.85%
153	46,273	-14.02%	34,366	10607	30.86%	20,745	60.36%	32.10%	2.74%	0.80%	35.64%
154	51,008	-5.22%	39,422	12655	32.10%	23,869	60.55%	33.41%	1.91%	0.04%	35.36%
155	47,362	-12.00%	34,870	8436	24.19%	23,802	68.26%	24.80%	3.30%	0.20%	28.30%
156	51,000	-5.24%	38,630	11534	29.86%	24,659	63.83%	31.67%	1.42%	0.32%	33.41%
157	49,943	-7.20%	36,594	10767	29.42%	24,790	67.74%	29.38%	0.82%	0.32%	30.52%
158	57,393	6.64%	45,709	10912	23.87%	32,627	71.38%	22.17%	1.66%	0.68%	24.51%
159	88,115	63.72%	64,439	13857	21.50%	45,132	70.04%	21.09%	2.82%	1.76%	25.67%
160	46,989	-12.69%	36,334	17961	49.43%	14,623	40.25%	56.28%	2.51%	0.75%	59.54%
161	41,990	-21.98%	31,829	20003	62.85%	10,576	33.23%	60.66%	1.01%	1.41%	63.08%
162	43,327	-19.50%	33,811	18243	53.96%	13,176	38.97%	57.18%	2.18%	0.89%	60.25%
163	48,341	-10.18%	39,112	2493	6.37%	34,134	87.27%	5.34%	2.19%	2.53%	10.06%
164	53,854	0.06%	40,320	9140	22.67%	27,839	69.05%	20.02%	3.63%	1.57%	25.22%
165	49,717	-7.62%	35,042	17125	48.87%	13,955	39.82%	48.82%	7.31%	1.79%	57.92%
166	46,202	-14.15%	34,325	10180	29.66%	20,585	59.97%	29.82%	3.67%	0.37%	33.86%
167	61,709	14.66%	46,170	9371	20.30%	33,848	73.31%	19.67%	3.01%	0.35%	23.03%
168	50,780	-5.65%	37,374	5538	14.82%	28,963	77.50%	16.15%	1.37%	0.36%	17.88%
169	51,596	-4.13%	37,866	9307	24.58%	24,359	64.33%	26.41%	4.79%	0.00%	31.20%
170	51,371	-4.55%	37,446	5775	15.42%	27,308	72.93%	16.45%	3.22%	0.23%	19.90%
171	45,696	-15.09%	33,797	13397	39.64%	17,723	52.44%	42.60%	2.19%	0.22%	45.01%
172	45,097	-16.21%	33,655	12478	37.08%	18,732	55.66%	38.35%	1.61%	0.31%	40.27%
173	48,578	-9.74%	36,298	11418	31.46%	23,323	64.25%	32.04%	1.13%	0.42%	33.59%
174	48,740	-9.44%	36,612	9229	25.21%	24,644	67.31%	25.84%	2.00%	0.33%	28.17%
175	51,199	-4.87%	40,097	18584	46.35%	19,044	47.49%	46.11%	2.01%	0.99%	49.11%
176	56,994	5.90%	40,970	9615	23.47%	28,860	70.44%	23.86%	1.69%	0.81%	26.36%
177	48,483	-9.92%	37,284	10650	28.56%	25,092	67.30%	28.65%	0.86%	0.10%	29.61%
178	53,771	-0.09%	40,100	5233	13.05%	32,815	81.83%	13.69%	2.05%	0.34%	16.08%
179	46,872	-12.91%	35,760	11570	32.35%	21,308	59.59%	33.60%	1.85%	0.47%	35.92%
180	54,520	1.30%	39,679	7503	18.91%	29,425	74.16%	18.34%	3.84%	1.39%	23.57%
Total 2010 Pop.	**9,687,653**	**101.91%**	**7,196,101**	**2,140,789**	**29.75%**	**4,242,514**	**58.96%**				

CVAP Source:
* 2006-110 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017

Population Summary Report -- 2010 Census

Georgia State House -2006 Benchmark Plan

District	2010 Pop.	% 2010 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2006-2010 BCVAP*	2006-2010 LCVAP*	2006-2010 ACVAP*	2006-2010 B+L+A CVAP*

CVAP Source:
* 2006-10 ACS Special Tabulation
Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (with a survey midpoint of July 2017

EXHIBIT X

Georgia House
2021_
Region A
Region B
Region C
0 15 30
Miles
District by BVAP
070 27.8%
073 12.1%
074 25.5%
072 20.9%
136 28.7%
134 33.6%
135 23.8%
138 19.3%
137 52.1%
139 20.3%
150 53.6%
141 57.5%
151 42.4%
152 26.1%
153 67.9%
154 54.8%
171 39.6%
173 36.3%
118 23.6%
114 24.7%
124 25.6%
144 29.3%
133 36.8%
143 60.8%
149 32.1%
145 35.7%
147 30.1%
148 34.0%
169 29.0%
170 24.2%
172 23.3%
175 24.2%
177
128 50.4%
125 23.7%
54.9%
130 59.9%
132 52.3%
126 54.5%
158 31.2%
155 35.9%
156 30.3%
157 24.7%
160 22.6%
161 27.1%
165 50.3%
164 23.5%
166 5.7%
168 46.3%
167 22.3%
178 14.8%
176 22.7%
174 17.4%
179 27.0%
180 18.2%
HEARD
COWETA
BUTTS
HANCOCK
WARREN
GLASCOCK
BURKE
TROUP
PIKE
JONES
WASHINGTON
JENKINS
UPSON
Macon
TWIGGS
JOHNSON
EMANUEL
CHATTAHOOCHEE
MACON
HOUSTON
LAURENS
BULLOCH
EFFINGHAM
SCHLEY
DOOLY
PULASKI
DODGE
MONTGOMERY
EVANS
BRYAN
STEWART
SUMTER
WILCOX
TELFAIR
QUITMAN
TERRELL
LEE
CRISP
BEN HILL
APPLING
LIBERTY
LONG
CLAY
CALHOUN
IRWIN
COFFEE
BACON
WAYNE
MCINTOSH
EARLY
BAKER
WORTH
TIFT
PIERCE
GLYNN
MILLER
MITCHELL
COLQUITT
COOK
WARE
BRANTLEY
DECATUR
GRADY
THOMAS
LANIER
CLINCH
CHARLTON
CAMDEN
McDonough
Griffin
Eatonton
Milledgeville
Hogansville
Barnesville
Forsyth
Manchester
Lanett Valley
Fort Valley
Cochran
Hawkinsville
Dublin
Swainsburo
Statesboro
Soperton
Metter
Vidalia
Eastman
Montezuma
Americus
Richland
Cordele
Hazlehurst
Baxley
Hinesville
Jesup
Cuthbert
Leesburg
Ashburn
Fitzgerald
Abbeville
Putney
Sylvester
Douglas
Blakely
Camilla
Moultrie
Nashville
Waycross
Blackshear
Pelham
Donalsonville
Cairo
Homerville
Brunswick
Williston
Waynesboro
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EXHIBIT A
Part 3

EXHIBIT Y-1

Proposed Georgia House Districts

Client: H097
Plan: House-prop1-2021
Type: House

Legislative and Congressional Reapportionment Office
Georgia General Assembly
Suite 407 Coverdell Legislative Office Bldg

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Map layers
District Layer
County
0 20 40
Miles

Proposed Georgia House Districts

Client: H097
Plan: House-prop1-2021
Type: House

Proposed Georgia House Districts

Client: H097
Plan: House-prop1-2021
Type: House

Proposed Georgia House Districts

Client: H097
Plan: House-prop1-2021
Type: House

User: **H097**
Plan Name: **House-prop1-2021**
Plan Type: **House**

Population Summary

Summary Statistics:

Population Range:	58,678 to 60,308
Ratio Range:	0.03
Absolute Range:	-833 to 797
Absolute Overall Range:	1,630
Relative Range:	-1.40% to 1.34%
Relative Overall Range:	2.74%
Absolute Mean Deviation:	363.71
Relative Mean Deviation:	0.61%
Standard Deviation:	417.67

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	59,666	155	0.26%	46,801	78.44%	87.88%	3.9%	2.59%	0.53%	0.31%	0.04%	0.3%	4.45%
002	59,773	262	0.44%	46,159	77.22%	83.24%	2.56%	9.09%	1.1%	0.18%	0.02%	0.26%	3.55%
003	60,199	688	1.16%	46,716	77.6%	86.9%	2.82%	3.6%	1.63%	0.27%	0.14%	0.18%	4.46%
004	59,070	-441	-0.74%	42,798	72.45%	42.01%	4.17%	50.07%	1.23%	0.17%	0.02%	0.28%	2.05%
005	58,837	-674	-1.13%	44,623	75.84%	75.46%	3.76%	15.29%	1.24%	0.2%	0.02%	0.22%	3.81%
006	59,712	201	0.34%	45,152	75.62%	80.15%	1.01%	14.51%	0.51%	0.2%	0.01%	0.2%	3.4%
007	59,081	-430	-0.72%	48,771	82.55%	87.97%	0.37%	7.43%	0.45%	0.26%	0.01%	0.24%	3.27%
008	59,244	-267	-0.45%	49,612	83.74%	90.8%	1.13%	3.21%	0.54%	0.3%	0.01%	0.34%	3.67%
009	59,474	-37	-0.06%	48,273	81.17%	87.78%	1.01%	5.49%	0.79%	0.37%	0.06%	0.36%	4.15%
010	59,519	8	0.01%	47,164	79.24%	78.61%	2.97%	13.11%	1.51%	0.17%	0.06%	0.24%	3.33%
011	58,792	-719	-1.21%	45,396	77.21%	87.43%	1.55%	5.33%	1.15%	0.22%	0.02%	0.3%	4%
012	59,300	-211	-0.35%	46,487	78.39%	78.45%	8.61%	7.68%	1.01%	0.16%	0.01%	0.42%	3.68%
013	59,150	-361	-0.61%	45,176	76.38%	62.24%	18.71%	13.52%	1.29%	0.22%	0.03%	0.33%	3.65%
014	59,135	-376	-0.63%	45,511	76.96%	81.38%	5.86%	7.04%	0.77%	0.21%	0.03%	0.34%	4.36%
015	59,213	-298	-0.50%	45,791	77.33%	68.38%	13.61%	11.74%	1.3%	0.25%	0.04%	0.49%	4.19%
016	59,402	-109	-0.18%	44,009	74.09%	72.9%	11.15%	10.95%	0.76%	0.22%	0.05%	0.43%	3.54%
017	59,120	-391	-0.66%	42,761	72.33%	63.28%	22.06%	7.9%	1.33%	0.23%	0.07%	0.64%	4.49%
018	59,335	-176	-0.30%	45,159	76.11%	84.78%	7.11%	2.93%	0.59%	0.23%	0.04%	0.35%	3.97%
019	58,955	-556	-0.93%	44,299	75.14%	62.06%	23.47%	7.87%	1.14%	0.25%	0.08%	0.64%	4.49%
020	60,107	596	1.00%	45,725	76.07%	73.93%	8.13%	10.6%	1.97%	0.16%	0.04%	0.63%	4.54%
021	59,529	18	0.03%	44,931	75.48%	80.04%	4.29%	8.54%	1.84%	0.19%	0.04%	0.66%	4.4%
022	59,460	-51	-0.09%	45,815	77.05%	62.53%	13.94%	13.26%	3.86%	0.2%	0.03%	0.81%	5.37%
023	59,048	-463	-0.78%	44,254	74.95%	71.47%	5.64%	17.19%	1.06%	0.22%	0.04%	0.36%	4.01%
024	59,011	-500	-0.84%	41,814	70.86%	60.13%	6%	11.36%	17.65%	0.21%	0.04%	0.62%	3.98%
025	59,414	-97	-0.16%	42,520	71.57%	51.99%	5%	5.42%	33.55%	0.15%	0.03%	0.51%	3.36%
026	59,248	-263	-0.44%	44,081	74.4%	63.48%	3.29%	12.07%	16.8%	0.18%	0.04%	0.5%	3.64%
027	58,795	-716	-1.20%	46,004	78.24%	79.69%	3.22%	11.82%	0.82%	0.19%	0.04%	0.3%	3.91%
028	58,972	-539	-0.91%	44,444	75.36%	76.5%	3.39%	13.59%	2.06%	0.16%	0.03%	0.4%	3.86%
029	59,200	-311	-0.52%	43,131	72.86%	36.05%	12.13%	46.28%	2.72%	0.12%	0.06%	0.41%	2.23%

Population Summary

House-prop1-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
030	59,266	-245	-0.41%	45,414	76.63%	67.03%	7.37%	18.78%	3.04%	0.15%	0.03%	0.34%	3.26%
031	59,901	390	0.66%	43,120	71.99%	65.57%	6.64%	21.63%	2.27%	0.19%	0.02%	0.37%	3.31%
032	59,145	-366	-0.62%	45,942	77.68%	80.8%	7.24%	6.03%	1.26%	0.29%	0.05%	0.25%	4.09%
033	59,187	-324	-0.54%	46,498	78.56%	79.94%	10.97%	4.08%	1.2%	0.15%	0.01%	0.36%	3.29%
034	59,875	364	0.61%	45,758	76.42%	66.59%	14.46%	9.06%	4.41%	0.11%	0.04%	0.68%	4.65%
035	59,889	378	0.64%	48,312	80.67%	50.12%	26.55%	12.7%	4.43%	0.21%	0.04%	0.9%	5.04%
036	59,994	483	0.81%	44,911	74.86%	68.01%	16.01%	7.46%	3.07%	0.14%	0.03%	0.73%	4.55%
037	59,176	-335	-0.56%	46,223	78.11%	42.2%	26%	21.96%	4.5%	0.21%	0.03%	1%	4.11%
038	59,317	-194	-0.33%	44,839	75.59%	25.93%	52.72%	14.72%	1.77%	0.22%	0.07%	0.7%	3.88%
039	59,381	-130	-0.22%	44,436	74.83%	20.6%	52.08%	21.79%	1.5%	0.14%	0.03%	0.65%	3.2%
040	59,044	-467	-0.78%	47,976	81.25%	48.94%	30.78%	6.43%	8.54%	0.17%	0.02%	0.7%	4.43%
041	60,122	611	1.03%	45,271	75.3%	23.42%	36.44%	33.22%	2.81%	0.18%	0.05%	0.86%	3.02%
042	59,620	109	0.18%	48,525	81.39%	35.47%	31.18%	20.49%	7.11%	0.19%	0.03%	1.15%	4.37%
043	59,464	-47	-0.08%	47,033	79.09%	43.32%	24.35%	15.85%	7.83%	0.21%	0.09%	2.4%	5.96%
044	60,002	491	0.83%	46,773	77.95%	64.71%	10.98%	11.99%	5.71%	0.18%	0.02%	1.17%	5.24%
045	59,738	227	0.38%	44,023	73.69%	72.29%	4.14%	5.5%	12.94%	0.07%	0.02%	0.67%	4.38%
046	59,108	-403	-0.68%	44,132	74.66%	72.43%	6.76%	8.24%	6.93%	0.12%	0.04%	0.82%	4.66%
047	59,126	-385	-0.65%	43,932	74.3%	61.71%	9.44%	7.83%	15.91%	0.2%	0.03%	0.7%	4.17%
048	59,003	-508	-0.85%	44,779	75.89%	59.05%	10.16%	14.1%	11.77%	0.08%	0.05%	0.64%	4.16%
049	59,153	-358	-0.60%	45,263	76.52%	68.94%	7.2%	7.56%	11.41%	0.1%	0.02%	0.68%	4.09%
050	59,523	12	0.02%	43,940	73.82%	41.55%	11.04%	7.06%	35.46%	0.09%	0.04%	0.66%	4.1%
051	58,952	-559	-0.94%	47,262	80.17%	51.02%	21.93%	15.47%	5.83%	0.17%	0.04%	1.03%	4.51%
052	59,811	300	0.50%	48,525	81.13%	53.81%	13.71%	7.98%	19.72%	0.14%	0.06%	0.72%	3.86%
053	59,953	442	0.74%	46,944	78.3%	70.3%	12.31%	8.2%	4.46%	0.1%	0.02%	0.63%	3.98%
054	60,083	572	0.96%	50,338	83.78%	61.03%	12.98%	15.17%	6.51%	0.14%	0.03%	0.57%	3.56%
055	59,971	460	0.77%	49,255	82.13%	33.78%	54.54%	5.14%	2.85%	0.18%	0.03%	0.4%	3.09%
056	58,929	-582	-0.98%	52,757	89.53%	34.03%	46.33%	5.81%	9.32%	0.18%	0.07%	0.45%	3.8%
057	59,969	458	0.77%	52,097	86.87%	62.89%	15.57%	8.83%	7.58%	0.11%	0.02%	0.65%	4.36%
058	59,057	-454	-0.76%	50,514	85.53%	24.98%	63.09%	5.03%	2.76%	0.14%	0.03%	0.51%	3.45%
059	59,434	-77	-0.13%	49,179	82.75%	19.37%	69.55%	4.45%	2.52%	0.16%	0.02%	0.56%	3.36%
060	59,709	198	0.33%	45,490	76.19%	26.72%	61.76%	5.87%	2.04%	0.17%	0.05%	0.44%	2.96%
061	59,302	-209	-0.35%	45,447	76.64%	14.79%	71.51%	9.1%	0.87%	0.15%	0.06%	0.54%	2.98%
062	59,450	-61	-0.10%	46,426	78.09%	17.17%	70.09%	7.61%	1.13%	0.21%	0.04%	0.53%	3.22%
063	59,381	-130	-0.22%	45,043	75.85%	16.74%	68%	10.42%	1.32%	0.21%	0.03%	0.51%	2.78%
064	58,986	-525	-0.88%	44,189	74.91%	54.76%	29.35%	8.84%	1.37%	0.27%	0.03%	0.78%	4.6%
065	59,464	-47	-0.08%	44,386	74.64%	29.55%	60.08%	5.23%	1.08%	0.18%	0.06%	0.57%	3.27%
066	59,047	-464	-0.78%	44,278	74.99%	29.98%	52.03%	11.05%	1.72%	0.24%	0.07%	0.79%	4.11%
067	59,135	-376	-0.63%	44,299	74.91%	29.09%	57.14%	8.71%	1.29%	0.18%	0.03%	0.5%	3.06%
068	59,477	-34	-0.06%	44,835	75.38%	31.15%	54.67%	7.3%	2.79%	0.16%	0.04%	0.7%	3.19%
069	58,682	-829	-1.39%	45,548	77.62%	24.1%	61.87%	6.47%	3.04%	0.17%	0.04%	0.89%	3.41%
070	59,121	-390	-0.66%	45,249	76.54%	56.51%	27.61%	9.08%	2.17%	0.2%	0.05%	0.47%	3.9%
071	59,538	27	0.05%	44,582	74.88%	67.15%	18.89%	7.44%	0.96%	0.25%	0.02%	0.51%	4.78%
072	59,660	149	0.25%	46,229	77.49%	67.26%	19.34%	8.16%	0.96%	0.2%	0.02%	0.3%	3.75%
073	60,036	525	0.88%	45,736	76.18%	69.92%	11.27%	7.96%	5.88%	0.15%	0.03%	0.52%	4.26%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
074	58,956	-555	-0.93%	44,696	75.81%	61.32%	25.24%	6.67%	2.05%	0.2%	0.02%	0.52%	3.98%
075	59,743	232	0.39%	43,850	73.4%	9.24%	71.27%	12.97%	2.66%	0.19%	0.06%	0.71%	2.9%
076	59,759	248	0.42%	44,371	74.25%	8.61%	64.24%	15.61%	8.11%	0.19%	0.04%	0.57%	2.63%
077	59,242	-269	-0.45%	44,207	74.62%	6.22%	72.49%	14.22%	4.03%	0.22%	0.06%	0.5%	2.27%
078	59,044	-467	-0.78%	44,572	75.49%	12.69%	69.39%	9.94%	4.03%	0.19%	0.03%	0.65%	3.08%
079	59,500	-11	-0.02%	43,223	72.64%	5.69%	68.19%	18.11%	4.87%	0.21%	0.01%	0.57%	2.34%
080	59,461	-50	-0.08%	44,784	75.32%	45.02%	11.65%	26.17%	13.02%	0.08%	0.04%	0.63%	3.39%
081	59,007	-504	-0.85%	46,259	78.4%	44.28%	18.64%	24.58%	8.14%	0.14%	0.02%	0.55%	3.65%
082	59,724	213	0.36%	50,238	84.12%	61.86%	14.34%	7.52%	11.03%	0.11%	0.03%	0.65%	4.46%
083	59,416	-95	-0.16%	46,581	78.4%	44.13%	12.06%	33.75%	6.29%	0.1%	0.02%	0.61%	3.03%
084	59,862	351	0.59%	47,350	79.1%	21.11%	69.74%	3.4%	1.4%	0.16%	0.03%	0.59%	3.58%
085	59,373	-138	-0.23%	46,308	78%	17.08%	60.18%	5.99%	12.29%	0.25%	0.02%	0.68%	3.5%
086	59,205	-306	-0.51%	44,614	75.36%	10.6%	71.76%	4.64%	9.02%	0.15%	0.02%	0.67%	3.14%
087	59,709	198	0.33%	45,615	76.4%	11.48%	70.08%	7.73%	6.46%	0.21%	0.02%	0.7%	3.33%
088	59,689	178	0.30%	46,073	77.19%	15.98%	60.71%	11.46%	7.49%	0.23%	0.06%	0.68%	3.39%
089	59,866	355	0.60%	46,198	77.17%	30.38%	59.77%	3.8%	1.78%	0.15%	0.03%	0.48%	3.6%
090	59,812	301	0.51%	48,015	80.28%	32.08%	57.15%	4.65%	1.58%	0.12%	0.03%	0.62%	3.76%
091	60,050	539	0.91%	46,173	76.89%	19.7%	67.92%	7%	1.39%	0.17%	0.04%	0.54%	3.25%
092	60,273	762	1.28%	46,551	77.23%	20.98%	67.63%	5.49%	1.58%	0.16%	0.04%	0.74%	3.39%
093	60,118	607	1.02%	44,734	74.41%	19.94%	63.27%	11.24%	1.34%	0.16%	0.1%	0.69%	3.26%
094	59,211	-300	-0.50%	44,809	75.68%	16.38%	65.88%	8.72%	4.85%	0.19%	0.02%	0.58%	3.37%
095	60,030	519	0.87%	44,948	74.88%	18.79%	64.99%	9.32%	2.29%	0.19%	0.05%	0.73%	3.63%
096	59,515	4	0.01%	44,671	75.06%	17.47%	20.71%	40.49%	17.64%	0.15%	0.06%	0.72%	2.76%
097	59,072	-439	-0.74%	46,339	78.44%	33.19%	25.12%	21.86%	15%	0.19%	0.05%	0.68%	3.92%
098	59,998	487	0.82%	42,734	71.23%	9.69%	19.56%	57.42%	10.69%	0.13%	0.05%	0.6%	1.86%
099	59,850	339	0.57%	45,004	75.19%	39.77%	13.49%	9.52%	32.49%	0.15%	0.04%	0.56%	3.98%
100	60,030	519	0.87%	42,669	71.08%	55.88%	9.01%	10.85%	19.49%	0.18%	0.05%	0.53%	4.01%
101	59,938	427	0.72%	46,584	77.72%	37.36%	22.37%	20.17%	15.23%	0.16%	0.05%	0.7%	3.96%
102	58,959	-552	-0.93%	42,968	72.88%	26.79%	36.41%	23.45%	8.97%	0.22%	0.03%	0.69%	3.44%
103	60,197	686	1.15%	44,399	73.76%	49.51%	15.16%	19.06%	11.68%	0.13%	0.04%	0.61%	3.81%
104	59,362	-149	-0.25%	43,306	72.95%	60.44%	15.61%	12.64%	6.32%	0.16%	0.04%	0.6%	4.2%
105	59,344	-167	-0.28%	43,474	73.26%	38.89%	27.8%	18.1%	10.56%	0.1%	0.03%	0.65%	3.88%
106	59,112	-399	-0.67%	43,890	74.25%	36.66%	35.66%	12.66%	9.78%	0.17%	0.03%	0.81%	4.23%
107	59,702	191	0.32%	44,509	74.55%	19.03%	27.46%	34.49%	15.45%	0.16%	0.03%	0.64%	2.73%
108	59,577	66	0.11%	44,308	74.37%	38.96%	17.34%	20.98%	18.06%	0.17%	0.03%	0.67%	3.78%
109	59,630	119	0.20%	44,140	74.02%	13.5%	29.44%	39.32%	14.39%	0.14%	0.05%	0.63%	2.54%
110	59,951	440	0.74%	43,226	72.1%	32.7%	45.9%	11.87%	4.49%	0.18%	0.04%	0.84%	3.97%
111	60,009	498	0.84%	44,096	73.48%	60.53%	21.74%	10.37%	2.5%	0.18%	0.04%	0.73%	3.91%
112	59,349	-162	-0.27%	45,120	76.02%	71.55%	18.88%	4%	1.27%	0.2%	0.04%	0.47%	3.59%
113	60,053	542	0.91%	44,538	74.16%	28.82%	57.75%	7.78%	0.79%	0.14%	0.12%	0.62%	3.98%
114	59,867	356	0.60%	45,872	76.62%	66.9%	23.89%	4.53%	0.7%	0.18%	0.03%	0.45%	3.33%
115	60,174	663	1.11%	44,807	74.46%	33.12%	51.3%	7.88%	2.67%	0.17%	0.04%	0.81%	4%
116	59,913	402	0.68%	45,791	76.43%	23.87%	56.71%	8.14%	6.39%	0.18%	0.08%	0.83%	3.81%
117	60,130	619	1.04%	44,973	74.79%	51.61%	35.88%	6.28%	1.53%	0.17%	0.04%	0.59%	3.9%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
118	59,987	476	0.80%	46,342	77.25%	68.26%	22.55%	4.5%	0.43%	0.18%	0.02%	0.47%	3.59%
119	58,947	-564	-0.95%	44,005	74.65%	66.88%	12.47%	12.17%	3.83%	0.16%	0.02%	0.58%	3.89%
120	58,982	-529	-0.89%	46,767	79.29%	69.85%	13.48%	8.42%	4.05%	0.15%	0.05%	0.5%	3.49%
121	59,127	-384	-0.65%	46,598	78.81%	75.06%	8.66%	6.27%	5.64%	0.11%	0%	0.53%	3.73%
122	59,632	121	0.20%	48,840	81.9%	49.13%	30.63%	13.78%	2.13%	0.28%	0.06%	0.86%	3.13%
123	59,282	-229	-0.38%	46,572	78.56%	65.88%	23.82%	5.33%	1.14%	0.17%	0.02%	0.26%	3.39%
124	59,221	-290	-0.49%	47,638	80.44%	61.53%	26.06%	7.57%	1.14%	0.19%	0.02%	0.37%	3.12%
125	60,137	626	1.05%	43,812	72.85%	60%	21.67%	8.93%	2.4%	0.29%	0.19%	0.52%	5.99%
126	59,260	-251	-0.42%	45,497	76.78%	37.81%	53.88%	3.63%	0.76%	0.27%	0.15%	0.37%	3.13%
127	58,678	-833	-1.40%	45,889	78.2%	65.92%	17.12%	5.58%	5.63%	0.18%	0.18%	0.51%	4.88%
128	58,864	-647	-1.09%	46,488	78.98%	44.14%	51%	1.91%	0.36%	0.19%	0.03%	0.17%	2.22%
129	58,829	-682	-1.15%	46,873	79.68%	33.83%	54.95%	4.74%	2.1%	0.21%	0.14%	0.43%	3.6%
130	59,203	-308	-0.52%	44,019	74.35%	30.19%	60.27%	4.33%	0.79%	0.24%	0.16%	0.42%	3.6%
131	58,890	-621	-1.04%	42,968	72.96%	65.57%	15.99%	7.07%	4.92%	0.19%	0.14%	0.61%	5.51%
132	59,142	-369	-0.62%	46,752	79.05%	33.1%	51.88%	7.91%	2.38%	0.26%	0.19%	0.37%	3.91%
133	59,202	-309	-0.52%	47,222	79.76%	56.35%	37.05%	2.42%	1.12%	0.15%	0.04%	0.38%	2.48%
134	59,396	-115	-0.19%	45,110	75.95%	56.72%	34.18%	4.39%	0.74%	0.22%	0.02%	0.35%	3.37%
135	60,063	552	0.93%	46,725	77.79%	70.69%	22.83%	2.21%	0.51%	0.16%	0.01%	0.33%	3.25%
136	59,298	-213	-0.36%	45,367	76.51%	62.16%	28%	4.4%	1.54%	0.24%	0.03%	0.42%	3.21%
137	59,551	40	0.07%	45,358	76.17%	38.1%	51.27%	5.17%	1.66%	0.12%	0.14%	0.37%	3.17%
138	58,912	-599	-1.01%	45,684	77.55%	70.29%	18.77%	4.1%	2.39%	0.25%	0.06%	0.36%	3.77%
139	59,010	-501	-0.84%	45,522	77.14%	63.55%	19.18%	7.24%	4.03%	0.25%	0.21%	0.59%	4.96%
140	59,294	-217	-0.36%	44,411	74.9%	28.76%	55.8%	9.04%	1.02%	0.27%	0.24%	0.53%	4.34%
141	59,019	-492	-0.83%	44,677	75.7%	29.41%	54.88%	7.93%	2.53%	0.24%	0.3%	0.45%	4.25%
142	59,608	97	0.16%	44,584	74.8%	30.78%	60.48%	4.23%	1.29%	0.16%	0.01%	0.36%	2.68%
143	59,469	-42	-0.07%	46,390	78.01%	29.08%	61.66%	4.87%	0.97%	0.19%	0.05%	0.36%	2.82%
144	59,232	-279	-0.47%	46,370	78.29%	60.82%	29.32%	2.91%	3.46%	0.14%	0.02%	0.36%	2.97%
145	59,863	352	0.59%	45,844	76.58%	51.64%	35.66%	7.02%	0.9%	0.28%	0.04%	0.41%	4.05%
146	60,203	692	1.16%	44,589	74.06%	59.32%	26.73%	5.66%	2.67%	0.17%	0.09%	0.45%	4.91%
147	59,178	-333	-0.56%	44,902	75.88%	51.94%	29.55%	8.3%	4.76%	0.23%	0.07%	0.51%	4.64%
148	59,984	473	0.79%	46,614	77.71%	58.49%	33.89%	3.66%	0.9%	0.12%	0.04%	0.28%	2.63%
149	58,893	-618	-1.04%	46,821	79.5%	60.01%	31.14%	5.61%	0.57%	0.17%	0.03%	0.2%	2.28%
150	59,276	-235	-0.39%	47,050	79.37%	36.16%	53.23%	7.23%	1.17%	0.17%	0.03%	0.17%	1.85%
151	60,059	548	0.92%	46,973	78.21%	45.21%	42.21%	7.51%	1.29%	0.18%	0.23%	0.25%	3.12%
152	60,134	623	1.05%	46,026	76.54%	66.12%	25.86%	2.84%	1.6%	0.21%	0.03%	0.3%	3.03%
153	59,299	-212	-0.36%	45,692	77.05%	24.38%	69.08%	2.93%	0.89%	0.13%	0.02%	0.24%	2.33%
154	59,994	483	0.81%	47,273	78.8%	39.54%	55.53%	2.1%	0.38%	0.16%	0.01%	0.2%	2.09%
155	58,759	-752	-1.26%	45,208	76.94%	57.32%	36.14%	2.62%	0.91%	0.18%	0.05%	0.26%	2.52%
156	59,444	-67	-0.11%	45,867	77.16%	58.49%	29.79%	8.27%	0.6%	0.17%	0.01%	0.25%	2.42%
157	59,957	446	0.75%	45,311	75.57%	61.81%	23.59%	11.19%	0.54%	0.16%	0.04%	0.21%	2.47%
158	59,440	-71	-0.12%	45,549	76.63%	59.27%	31.5%	5.6%	0.75%	0.18%	0.03%	0.25%	2.42%
159	59,895	384	0.65%	44,871	74.92%	67.46%	23.88%	3.65%	0.54%	0.28%	0.03%	0.34%	3.82%
160	59,935	424	0.71%	48,057	80.18%	66.84%	21.68%	5.5%	1.62%	0.24%	0.1%	0.28%	3.76%
161	60,097	586	0.98%	44,371	73.83%	57.53%	25.83%	7.89%	3.03%	0.24%	0.09%	0.5%	4.9%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
162	60,308	797	1.34%	46,733	77.49%	36.7%	43.34%	10.78%	4%	0.2%	0.24%	0.54%	4.19%
163	60,123	612	1.03%	48,461	80.6%	38.48%	46.14%	8.45%	3.12%	0.19%	0.13%	0.39%	3.1%
164	60,101	590	0.99%	45,851	76.29%	57.7%	22.03%	9.95%	4.21%	0.24%	0.12%	0.68%	5.08%
165	59,978	467	0.78%	48,247	80.44%	35.1%	52.41%	5.53%	3.19%	0.22%	0.14%	0.38%	3.02%
166	60,242	731	1.23%	47,580	78.98%	82.79%	4.94%	5.19%	2.65%	0.16%	0.05%	0.4%	3.82%
167	59,493	-18	-0.03%	44,140	74.19%	62.89%	20.99%	8.81%	1.42%	0.35%	0.23%	0.5%	4.79%
168	60,147	636	1.07%	44,867	74.6%	36.24%	43.3%	11.22%	1.98%	0.31%	0.67%	0.48%	5.79%
169	59,138	-373	-0.63%	45,267	76.54%	58.36%	28.84%	9.03%	0.79%	0.15%	0.02%	0.2%	2.6%
170	60,116	605	1.02%	45,316	75.38%	60.65%	24.39%	10.43%	1.19%	0.13%	0.02%	0.28%	2.91%
171	59,237	-274	-0.46%	45,969	77.6%	51.23%	39.79%	5.73%	0.54%	0.21%	0.03%	0.21%	2.26%
172	59,961	450	0.76%	44,756	74.64%	57.24%	23.26%	16%	0.77%	0.21%	0.03%	0.23%	2.27%
173	59,743	232	0.39%	45,292	75.81%	52.67%	36.22%	6.95%	0.79%	0.33%	0.02%	0.3%	2.72%
174	59,852	341	0.57%	45,760	76.46%	70.83%	16.91%	7.88%	0.47%	0.35%	0.04%	0.22%	3.3%
175	59,993	482	0.81%	44,704	74.52%	64.08%	23.75%	6.1%	1.78%	0.26%	0.07%	0.34%	3.64%
176	59,470	-41	-0.07%	44,991	75.65%	63.56%	21.74%	9.95%	0.91%	0.24%	0.08%	0.29%	3.23%
177	59,992	481	0.81%	46,014	76.7%	33.22%	54.7%	6.69%	1.26%	0.21%	0.07%	0.42%	3.42%
178	59,877	366	0.62%	45,638	76.22%	75.62%	14.4%	6.22%	0.52%	0.18%	0.01%	0.29%	2.76%
179	59,356	-155	-0.26%	47,156	79.45%	59.03%	28.39%	7.73%	1.06%	0.17%	0.13%	0.39%	3.11%
180	59,412	-99	-0.17%	45,362	76.35%	68.71%	16.96%	6.47%	1.56%	0.32%	0.11%	0.57%	5.3%

Total: **10,711,908**
Ideal District: **59,511**

User: **H097**
Plan Name: **House-prop1-2021**
Plan Type: **House**

Population Summary

Summary Statistics:

Population Range:	58,678 to 60,308
Ratio Range:	0.03
Absolute Range:	-833 to 797
Absolute Overall Range:	1,630
Relative Range:	-1.40% to 1.34%
Relative Overall Range:	2.74%
Absolute Mean Deviation:	363.71
Relative Mean Deviation:	0.61%
Standard Deviation:	417.67

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
001	59,666	155	0.26%	46,801	78.44%	89.43%	3.65%	2.11%	0.57%	0.32%	0.05%	0.21%	3.65%
002	59,773	262	0.44%	46,159	77.22%	85.33%	2.64%	7.57%	1.07%	0.2%	0.02%	0.2%	2.97%
003	60,199	688	1.16%	46,716	77.6%	88.46%	2.71%	2.96%	1.56%	0.28%	0.14%	0.14%	3.77%
004	59,070	-441	-0.74%	42,798	72.45%	47.78%	4.53%	44.13%	1.28%	0.19%	0.02%	0.21%	1.86%
005	58,837	-674	-1.13%	44,623	75.84%	78.55%	3.81%	12.62%	1.26%	0.22%	0.03%	0.19%	3.31%
006	59,712	201	0.34%	45,152	75.62%	83%	1%	11.96%	0.51%	0.25%	0.02%	0.17%	3.09%
007	59,081	-430	-0.72%	48,771	82.55%	90.15%	0.34%	5.53%	0.46%	0.27%	0.01%	0.21%	3.02%
008	59,244	-267	-0.45%	49,612	83.74%	91.87%	1.12%	2.74%	0.54%	0.3%	0%	0.29%	3.13%
009	59,474	-37	-0.06%	48,273	81.17%	88.93%	1.06%	4.74%	0.83%	0.41%	0.06%	0.33%	3.64%
010	59,519	8	0.01%	47,164	79.24%	81.82%	3.19%	10.04%	1.58%	0.18%	0.03%	0.21%	2.95%
011	58,792	-719	-1.21%	45,396	77.21%	89.31%	1.43%	4.23%	1.06%	0.23%	0.03%	0.27%	3.44%
012	59,300	-211	-0.35%	46,487	78.39%	80.42%	8.94%	6.15%	1.01%	0.18%	0%	0.33%	2.97%
013	59,150	-361	-0.61%	45,176	76.38%	66.3%	18.03%	10.84%	1.36%	0.22%	0.02%	0.26%	2.97%
014	59,135	-376	-0.63%	45,511	76.96%	83.02%	6.06%	5.88%	0.8%	0.25%	0.02%	0.31%	3.65%
015	59,213	-298	-0.50%	45,791	77.33%	71.9%	13.11%	9.67%	1.36%	0.27%	0.03%	0.36%	3.3%
016	59,402	-109	-0.18%	44,009	74.09%	76.42%	10.83%	8.61%	0.79%	0.21%	0.05%	0.32%	2.76%
017	59,120	-391	-0.66%	42,761	72.33%	66.02%	21.24%	6.94%	1.41%	0.25%	0.06%	0.54%	3.55%
018	59,335	-176	-0.30%	45,159	76.11%	86.01%	7.17%	2.39%	0.62%	0.26%	0.04%	0.26%	3.24%
019	58,955	-556	-0.93%	44,299	75.14%	65.37%	22.26%	6.8%	1.21%	0.21%	0.07%	0.48%	3.59%
020	60,107	596	1.00%	45,725	76.07%	76.4%	7.96%	9.18%	2.03%	0.14%	0.04%	0.55%	3.7%
021	59,529	18	0.03%	44,931	75.48%	82.07%	4.23%	7.44%	1.87%	0.22%	0.05%	0.61%	3.51%
022	59,460	-51	-0.09%	45,815	77.05%	65.61%	13.32%	11.57%	4.04%	0.21%	0.03%	0.76%	4.47%
023	59,048	-463	-0.78%	44,254	74.95%	75.29%	5.48%	14.23%	1.12%	0.21%	0.05%	0.32%	3.3%
024	59,011	-500	-0.84%	41,814	70.86%	63.42%	6.04%	10.32%	16.41%	0.17%	0.05%	0.56%	3.03%
025	59,414	-97	-0.16%	42,520	71.57%	56.12%	5.08%	5.09%	30.56%	0.1%	0.03%	0.45%	2.56%
026	59,248	-263	-0.44%	44,081	74.4%	68.21%	3.18%	10.76%	14.26%	0.12%	0.04%	0.44%	2.99%
027	58,795	-716	-1.20%	46,004	78.24%	82.61%	3.07%	9.6%	0.83%	0.2%	0.04%	0.24%	3.4%
028	58,972	-539	-0.91%	44,444	75.36%	79.36%	3.15%	11.44%	2.16%	0.17%	0.03%	0.36%	3.33%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
029	59,200	-311	-0.52%	43,131	72.86%	42.29%	12.55%	39.71%	3.02%	0.14%	0.06%	0.33%	1.91%
030	59,266	-245	-0.41%	45,414	76.63%	70.5%	7.19%	16.13%	2.96%	0.15%	0.02%	0.28%	2.77%
031	59,901	390	0.66%	43,120	71.99%	68.65%	6.79%	18.95%	2.35%	0.21%	0.03%	0.32%	2.69%
032	59,145	-366	-0.62%	45,942	77.68%	82.98%	7.21%	4.87%	1.25%	0.32%	0.05%	0.2%	3.12%
033	59,187	-324	-0.54%	46,498	78.56%	82.25%	10.57%	3.13%	1.16%	0.15%	0.01%	0.29%	2.43%
034	59,875	364	0.61%	45,758	76.42%	69.23%	14.11%	7.85%	4.43%	0.12%	0.03%	0.65%	3.58%
035	59,889	378	0.64%	48,312	80.67%	53.63%	25.59%	11.15%	4.58%	0.19%	0.05%	0.77%	4.04%
036	59,994	483	0.81%	44,911	74.86%	70.77%	15.48%	6.51%	3.02%	0.15%	0.04%	0.6%	3.44%
037	59,176	-335	-0.56%	46,223	78.11%	46.26%	25.84%	18.64%	4.61%	0.21%	0.02%	0.91%	3.52%
038	59,317	-194	-0.33%	44,839	75.59%	30.1%	51.13%	12.62%	1.87%	0.24%	0.05%	0.63%	3.36%
039	59,381	-130	-0.22%	44,436	74.83%	23.47%	52.5%	18.66%	1.77%	0.17%	0.03%	0.6%	2.79%
040	59,044	-467	-0.78%	47,976	81.25%	51.14%	30.35%	5.92%	8.24%	0.15%	0.01%	0.63%	3.55%
041	60,122	611	1.03%	45,271	75.3%	27.62%	36.96%	28.55%	3.13%	0.22%	0.05%	0.84%	2.62%
042	59,620	109	0.18%	48,525	81.39%	39%	30.85%	17.38%	7.45%	0.2%	0.04%	1.14%	3.94%
043	59,464	-47	-0.08%	47,033	79.09%	46.31%	24.03%	14.15%	7.62%	0.21%	0.09%	2.27%	5.32%
044	60,002	491	0.83%	46,773	77.95%	67.69%	10.5%	10.53%	5.78%	0.2%	0.02%	1.06%	4.23%
045	59,738	227	0.38%	44,023	73.69%	74.94%	4.27%	4.85%	12.05%	0.05%	0.02%	0.59%	3.23%
046	59,108	-403	-0.68%	44,132	74.66%	74.81%	6.79%	7.38%	6.72%	0.13%	0.04%	0.61%	3.53%
047	59,126	-385	-0.65%	43,932	74.3%	63.89%	9.3%	7.37%	15.16%	0.17%	0.03%	0.62%	3.46%
048	59,003	-508	-0.85%	44,779	75.89%	61.77%	10.14%	12.41%	11.59%	0.08%	0.04%	0.56%	3.42%
049	59,153	-358	-0.60%	45,263	76.52%	71.48%	7.22%	6.7%	10.74%	0.1%	0.03%	0.63%	3.12%
050	59,523	12	0.02%	43,940	73.82%	44.37%	10.8%	6.36%	34.63%	0.07%	0.05%	0.58%	3.13%
051	58,952	-559	-0.94%	47,262	80.17%	54.33%	21.3%	13.31%	5.93%	0.18%	0.05%	1.01%	3.89%
052	59,811	300	0.50%	48,525	81.13%	55.14%	14.19%	7.41%	19.12%	0.14%	0.07%	0.68%	3.24%
053	59,953	442	0.74%	46,944	78.3%	71.2%	12.71%	7.44%	4.58%	0.09%	0.02%	0.54%	3.41%
054	60,083	572	0.96%	50,338	83.78%	62.98%	13.67%	12.79%	6.86%	0.13%	0.03%	0.53%	3.02%
055	59,971	460	0.77%	49,255	82.13%	35.51%	52.85%	4.97%	3.19%	0.18%	0.04%	0.37%	2.88%
056	58,929	-582	-0.98%	52,757	89.53%	36.98%	42.9%	5.84%	9.92%	0.2%	0.08%	0.41%	3.67%
057	59,969	458	0.77%	52,097	86.87%	63.64%	16.18%	7.95%	7.99%	0.1%	0.02%	0.6%	3.52%
058	59,057	-454	-0.76%	50,514	85.53%	27.56%	60.36%	5.07%	3.04%	0.12%	0.04%	0.51%	3.3%
059	59,434	-77	-0.13%	49,179	82.75%	22.04%	66.72%	4.43%	2.9%	0.17%	0.02%	0.54%	3.18%
060	59,709	198	0.33%	45,490	76.19%	28.09%	61.3%	5.11%	2.17%	0.18%	0.05%	0.43%	2.67%
061	59,302	-209	-0.35%	45,447	76.64%	16.75%	71.33%	7.61%	0.97%	0.17%	0.05%	0.51%	2.6%
062	59,450	-61	-0.10%	46,426	78.09%	19.07%	69.19%	6.83%	1.3%	0.21%	0.05%	0.47%	2.88%
063	59,381	-130	-0.22%	45,043	75.85%	19.22%	66.7%	9.26%	1.54%	0.21%	0.04%	0.47%	2.56%
064	58,986	-525	-0.88%	44,189	74.91%	57.83%	28.63%	7.44%	1.41%	0.3%	0.04%	0.7%	3.67%
065	59,464	-47	-0.08%	44,386	74.64%	31.46%	59.19%	4.53%	1.15%	0.19%	0.05%	0.51%	2.92%
066	59,047	-464	-0.78%	44,278	74.99%	33.93%	50.39%	9.49%	1.86%	0.26%	0.08%	0.63%	3.36%
067	59,135	-376	-0.63%	44,299	74.91%	30.86%	56.59%	7.75%	1.39%	0.19%	0.03%	0.49%	2.7%
068	59,477	-34	-0.06%	44,835	75.38%	33.94%	53.42%	6.33%	2.77%	0.14%	0.05%	0.63%	2.72%
069	58,682	-829	-1.39%	45,548	77.62%	26.89%	60.9%	5.42%	3.12%	0.18%	0.04%	0.78%	2.68%
070	59,121	-390	-0.66%	45,249	76.54%	59.69%	26.23%	7.96%	2.23%	0.22%	0.06%	0.4%	3.22%
071	59,538	27	0.05%	44,582	74.88%	69.8%	18.45%	6.18%	1.01%	0.24%	0.02%	0.42%	3.88%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
072	59,660	149	0.25%	46,229	77.49%	69.24%	19.51%	6.94%	0.93%	0.19%	0.02%	0.23%	2.94%
073	60,036	525	0.88%	45,736	76.18%	72.58%	10.84%	7.05%	5.58%	0.14%	0.03%	0.4%	3.38%
074	58,956	-555	-0.93%	44,696	75.81%	64.44%	24%	5.55%	2.04%	0.21%	0.02%	0.47%	3.26%
075	59,743	232	0.39%	43,850	73.4%	11.27%	71.04%	11.28%	2.93%	0.18%	0.07%	0.66%	2.57%
076	59,759	248	0.42%	44,371	74.25%	10.51%	64.4%	13.23%	8.69%	0.21%	0.05%	0.51%	2.41%
077	59,242	-269	-0.45%	44,207	74.62%	7.58%	73.27%	12.2%	4.36%	0.23%	0.06%	0.41%	1.9%
078	59,044	-467	-0.78%	44,572	75.49%	15.05%	68.35%	8.89%	4.21%	0.2%	0.03%	0.63%	2.63%
079	59,500	-11	-0.02%	43,223	72.64%	7.15%	68.44%	16.03%	5.51%	0.2%	0.01%	0.56%	2.09%
080	59,461	-50	-0.08%	44,784	75.32%	47.63%	12.45%	23.12%	13.33%	0.07%	0.04%	0.56%	2.79%
081	59,007	-504	-0.85%	46,259	78.4%	47.01%	19.77%	20.92%	8.71%	0.14%	0.01%	0.46%	2.98%
082	59,724	213	0.36%	50,238	84.12%	62.46%	15.19%	6.79%	11.35%	0.11%	0.04%	0.56%	3.51%
083	59,416	-95	-0.16%	46,581	78.4%	47.9%	13.51%	28.47%	6.91%	0.1%	0.02%	0.55%	2.55%
084	59,862	351	0.59%	47,350	79.1%	21.29%	70.47%	2.96%	1.48%	0.16%	0.02%	0.55%	3.07%
085	59,373	-138	-0.23%	46,308	78%	19.48%	59.85%	5.92%	10.8%	0.21%	0.02%	0.57%	3.14%
086	59,205	-306	-0.51%	44,614	75.36%	12.08%	72.02%	4.29%	7.95%	0.15%	0.01%	0.65%	2.84%
087	59,709	198	0.33%	45,615	76.4%	13.5%	69.72%	6.69%	6.22%	0.24%	0.02%	0.64%	2.97%
088	59,689	178	0.30%	46,073	77.19%	18.3%	60.15%	9.97%	7.64%	0.22%	0.07%	0.64%	3.01%
089	59,866	355	0.60%	46,198	77.17%	31.07%	60.06%	3.42%	1.92%	0.15%	0.03%	0.41%	2.93%
090	59,812	301	0.51%	48,015	80.28%	33.98%	56.05%	4.26%	1.82%	0.12%	0.03%	0.53%	3.2%
091	60,050	539	0.91%	46,173	76.89%	22%	67.15%	5.86%	1.44%	0.15%	0.05%	0.49%	2.86%
092	60,273	762	1.28%	46,551	77.23%	24.05%	65.71%	4.68%	1.67%	0.17%	0.03%	0.61%	3.08%
093	60,118	607	1.02%	44,734	74.41%	22.91%	62.36%	9.58%	1.48%	0.17%	0.09%	0.61%	2.81%
094	59,211	-300	-0.50%	44,809	75.68%	18.42%	65.61%	7.29%	4.85%	0.19%	0.02%	0.54%	3.07%
095	60,030	519	0.87%	44,948	74.88%	21.83%	63.61%	7.94%	2.43%	0.22%	0.04%	0.67%	3.27%
096	59,515	4	0.01%	44,671	75.06%	20.32%	20.75%	36.03%	19.7%	0.11%	0.04%	0.6%	2.44%
097	59,072	-439	-0.74%	46,339	78.44%	36.44%	24.16%	19.23%	16.07%	0.19%	0.05%	0.6%	3.25%
098	59,998	487	0.82%	42,734	71.23%	11.66%	20.91%	52.77%	12.28%	0.12%	0.05%	0.51%	1.71%
099	59,850	339	0.57%	45,004	75.19%	42.1%	13.07%	8.67%	32.63%	0.13%	0.04%	0.48%	2.89%
100	60,030	519	0.87%	42,669	71.08%	59.05%	8.86%	9.98%	18.41%	0.19%	0.06%	0.43%	3.02%
101	59,938	427	0.72%	46,584	77.72%	40.14%	21.87%	18.24%	15.98%	0.16%	0.05%	0.54%	3.02%
102	58,959	-552	-0.93%	42,968	72.88%	30.65%	34.79%	21.34%	9.57%	0.2%	0.03%	0.52%	2.89%
103	60,197	686	1.15%	44,399	73.76%	52.42%	15.01%	16.89%	12.19%	0.12%	0.03%	0.5%	2.83%
104	59,362	-149	-0.25%	43,306	72.95%	62.96%	15.44%	11.14%	6.38%	0.18%	0.05%	0.51%	3.34%
105	59,344	-167	-0.28%	43,474	73.26%	41.74%	26.67%	16.76%	11.05%	0.1%	0.03%	0.54%	3.12%
106	59,112	-399	-0.67%	43,890	74.25%	41.22%	33.7%	11.14%	9.73%	0.16%	0.03%	0.74%	3.28%
107	59,702	191	0.32%	44,509	74.55%	21.96%	27.02%	31.09%	16.75%	0.18%	0.04%	0.56%	2.4%
108	59,577	66	0.11%	44,308	74.37%	43.36%	16.55%	18.16%	18.34%	0.18%	0.04%	0.53%	2.84%
109	59,630	119	0.20%	44,140	74.02%	15.44%	29.65%	36.12%	15.82%	0.12%	0.06%	0.55%	2.25%
110	59,951	440	0.74%	43,226	72.1%	36.58%	44.02%	10.49%	4.72%	0.18%	0.04%	0.72%	3.25%
111	60,009	498	0.84%	44,096	73.48%	64%	20.56%	8.84%	2.56%	0.2%	0.04%	0.64%	3.17%
112	59,349	-162	-0.27%	45,120	76.02%	73.73%	18.26%	3.28%	1.26%	0.22%	0.02%	0.41%	2.81%
113	60,053	542	0.91%	44,538	74.16%	31.8%	56.48%	6.65%	0.83%	0.15%	0.11%	0.59%	3.39%
114	59,867	356	0.60%	45,872	76.62%	68.84%	23.42%	3.73%	0.71%	0.18%	0.01%	0.35%	2.76%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
115	60,174	663	1.11%	44,807	74.46%	36.95%	49.2%	6.97%	2.68%	0.2%	0.05%	0.69%	3.26%
116	59,913	402	0.68%	45,791	76.43%	27.22%	54.93%	7.29%	6.48%	0.19%	0.09%	0.74%	3.05%
117	60,130	619	1.04%	44,973	74.79%	54.5%	34.54%	5.44%	1.54%	0.19%	0.04%	0.52%	3.22%
118	59,987	476	0.80%	46,342	77.25%	69.73%	22.7%	3.68%	0.42%	0.2%	0.02%	0.39%	2.85%
119	58,947	-564	-0.95%	44,005	74.65%	69.8%	12.31%	10.44%	3.75%	0.17%	0.02%	0.43%	3.08%
120	58,982	-529	-0.89%	46,767	79.29%	71.94%	13.21%	7.09%	4.18%	0.16%	0.05%	0.44%	2.91%
121	59,127	-384	-0.65%	46,598	78.81%	76.13%	8.6%	5.57%	5.84%	0.1%	0%	0.46%	3.3%
122	59,632	121	0.20%	48,840	81.9%	54.8%	27.13%	11.7%	2.41%	0.32%	0.06%	0.79%	2.79%
123	59,282	-229	-0.38%	46,572	78.56%	68.06%	23.42%	4.31%	1.06%	0.19%	0.02%	0.2%	2.75%
124	59,221	-290	-0.49%	47,638	80.44%	65.01%	24.61%	6.17%	1.08%	0.19%	0.02%	0.31%	2.61%
125	60,137	626	1.05%	43,812	72.85%	63.03%	21.43%	7.66%	2.6%	0.31%	0.16%	0.39%	4.41%
126	59,260	-251	-0.42%	45,497	76.78%	39.97%	52.63%	3.17%	0.89%	0.29%	0.16%	0.29%	2.62%
127	58,678	-833	-1.40%	45,889	78.2%	68.13%	16.88%	4.77%	5.68%	0.19%	0.16%	0.43%	3.77%
128	58,864	-647	-1.09%	46,488	78.98%	46.49%	49.38%	1.7%	0.35%	0.19%	0.01%	0.17%	1.71%
129	58,829	-682	-1.15%	46,873	79.68%	37.16%	52.33%	4.26%	2.4%	0.19%	0.15%	0.41%	3.1%
130	59,203	-308	-0.52%	44,019	74.35%	33.74%	57.69%	3.86%	0.97%	0.26%	0.19%	0.34%	2.95%
131	58,890	-621	-1.04%	42,968	72.96%	68.16%	15.87%	5.87%	5.21%	0.21%	0.1%	0.55%	4.03%
132	59,142	-369	-0.62%	46,752	79.05%	35.63%	49.82%	7.8%	2.74%	0.27%	0.16%	0.3%	3.28%
133	59,202	-309	-0.52%	47,222	79.76%	58.39%	35.87%	2.15%	1.15%	0.15%	0.04%	0.36%	1.89%
134	59,396	-115	-0.19%	45,110	75.95%	59.9%	32.37%	3.74%	0.81%	0.23%	0.02%	0.25%	2.69%
135	60,063	552	0.93%	46,725	77.79%	71.78%	22.84%	1.82%	0.55%	0.16%	0.01%	0.25%	2.57%
136	59,298	-213	-0.36%	45,367	76.51%	63.9%	27.76%	3.64%	1.55%	0.26%	0.04%	0.29%	2.55%
137	59,551	40	0.07%	45,358	76.17%	40.82%	50.02%	4.48%	1.73%	0.12%	0.12%	0.26%	2.44%
138	58,912	-599	-1.01%	45,684	77.55%	72.34%	18.26%	3.31%	2.43%	0.26%	0.07%	0.35%	2.97%
139	59,010	-501	-0.84%	45,522	77.14%	66.19%	18.56%	6.36%	3.89%	0.25%	0.24%	0.46%	4.04%
140	59,294	-217	-0.36%	44,411	74.9%	31.7%	54.74%	8.02%	1.17%	0.24%	0.2%	0.49%	3.43%
141	59,019	-492	-0.83%	44,677	75.7%	31.77%	54.65%	6.55%	2.69%	0.27%	0.3%	0.38%	3.38%
142	59,608	97	0.16%	44,584	74.8%	34.8%	57.42%	3.7%	1.4%	0.17%	0.02%	0.28%	2.2%
143	59,469	-42	-0.07%	46,390	78.01%	32.28%	58.98%	4.67%	1.07%	0.21%	0.05%	0.3%	2.44%
144	59,232	-279	-0.47%	46,370	78.29%	62.95%	28.34%	2.55%	3.45%	0.14%	0.02%	0.26%	2.29%
145	59,863	352	0.59%	45,844	76.58%	55.12%	33.97%	5.94%	0.99%	0.33%	0.03%	0.3%	3.32%
146	60,203	692	1.16%	44,589	74.06%	61.84%	26.08%	4.73%	2.98%	0.18%	0.09%	0.39%	3.71%
147	59,178	-333	-0.56%	44,902	75.88%	55.32%	28.41%	7.17%	4.85%	0.25%	0.07%	0.41%	3.52%
148	59,984	473	0.79%	46,614	77.71%	60.45%	33.11%	3.08%	0.87%	0.14%	0.04%	0.21%	2.1%
149	58,893	-618	-1.04%	46,821	79.5%	60.99%	30.75%	5.69%	0.57%	0.19%	0.04%	0.14%	1.63%
150	59,276	-235	-0.39%	47,050	79.37%	38.31%	52.5%	6.13%	1.18%	0.16%	0.03%	0.15%	1.54%
151	60,059	548	0.92%	46,973	78.21%	47.2%	40.96%	7.28%	1.43%	0.18%	0.18%	0.19%	2.58%
152	60,134	623	1.05%	46,026	76.54%	67.94%	25.26%	2.34%	1.52%	0.24%	0.04%	0.19%	2.46%
153	59,299	-212	-0.36%	45,692	77.05%	27.66%	66.38%	2.55%	1%	0.16%	0.03%	0.23%	2.01%
154	59,994	483	0.81%	47,273	78.8%	42.24%	53.68%	1.67%	0.36%	0.19%	0%	0.16%	1.7%
155	58,759	-752	-1.26%	45,208	76.94%	59.77%	34.6%	2.22%	0.95%	0.16%	0.04%	0.21%	2.05%
156	59,444	-67	-0.11%	45,867	77.16%	60.92%	29.32%	6.88%	0.62%	0.16%	0.01%	0.15%	1.93%
157	59,957	446	0.75%	45,311	75.57%	64.48%	23.7%	8.96%	0.57%	0.17%	0.04%	0.16%	1.93%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
158	59,440	-71	-0.12%	45,549	76.63%	62.21%	30.2%	4.52%	0.71%	0.21%	0.03%	0.18%	1.93%
159	59,895	384	0.65%	44,871	74.92%	69.39%	23.44%	2.87%	0.57%	0.31%	0.04%	0.26%	3.12%
160	59,935	424	0.71%	48,057	80.18%	68.48%	21.07%	5.04%	1.64%	0.24%	0.09%	0.27%	3.17%
161	60,097	586	0.98%	44,371	73.83%	60.16%	25.26%	6.82%	3.16%	0.25%	0.09%	0.48%	3.77%
162	60,308	797	1.34%	46,733	77.49%	40.62%	41.13%	9.58%	4.16%	0.22%	0.24%	0.44%	3.61%
163	60,123	612	1.03%	48,461	80.6%	41.92%	43.78%	7.38%	3.6%	0.2%	0.1%	0.33%	2.68%
164	60,101	590	0.99%	45,851	76.29%	60.61%	21.43%	8.49%	4.37%	0.26%	0.12%	0.6%	4.12%
165	59,978	467	0.78%	48,247	80.44%	39.18%	48.49%	5.33%	3.68%	0.25%	0.14%	0.35%	2.57%
166	60,242	731	1.23%	47,580	78.98%	84.71%	4.96%	4.07%	2.69%	0.18%	0.05%	0.36%	2.97%
167	59,493	-18	-0.03%	44,140	74.19%	65.96%	20.55%	7.41%	1.48%	0.39%	0.18%	0.39%	3.66%
168	60,147	636	1.07%	44,867	74.6%	39.29%	42.28%	10.3%	2.32%	0.33%	0.65%	0.38%	4.46%
169	59,138	-373	-0.63%	45,267	76.54%	60.95%	28.12%	7.66%	0.88%	0.14%	0.03%	0.16%	2.06%
170	60,116	605	1.02%	45,316	75.38%	64.17%	23.21%	8.65%	1.19%	0.12%	0.02%	0.25%	2.38%
171	59,237	-274	-0.46%	45,969	77.6%	53.85%	38.58%	4.63%	0.56%	0.24%	0.02%	0.17%	1.95%
172	59,961	450	0.76%	44,756	74.64%	61.03%	22.46%	13.42%	0.78%	0.23%	0.03%	0.19%	1.87%
173	59,743	232	0.39%	45,292	75.81%	55.68%	35.18%	5.35%	0.84%	0.37%	0.02%	0.26%	2.31%
174	59,852	341	0.57%	45,760	76.46%	72.25%	16.08%	7.96%	0.52%	0.38%	0.03%	0.15%	2.64%
175	59,993	482	0.81%	44,704	74.52%	66.49%	23.13%	5.03%	1.85%	0.28%	0.06%	0.3%	2.86%
176	59,470	-41	-0.07%	44,991	75.65%	66.15%	21.61%	8.24%	0.96%	0.25%	0.1%	0.19%	2.49%
177	59,992	481	0.81%	46,014	76.7%	37.12%	51.68%	6.12%	1.36%	0.24%	0.08%	0.36%	3.04%
178	59,877	366	0.62%	45,638	76.22%	77.79%	13.99%	5.14%	0.54%	0.2%	0.01%	0.23%	2.09%
179	59,356	-155	-0.26%	47,156	79.45%	63.69%	25.74%	6.38%	1.07%	0.15%	0.11%	0.34%	2.51%
180	59,412	-99	-0.17%	45,362	76.35%	71.17%	16.63%	5.62%	1.67%	0.31%	0.11%	0.47%	4.02%

Total: **10,711,908**
Ideal District: **59,511**

EXHIBIT Y-2

Population Summary Report

Georgia State House --2021 Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbent
001	59666	0.26%	46801	1966	4.20%	41,853	89.43%	4.14%	1.48%	0.59%	6.21%	92.43%	1
002	59773	0.44%	46159	1456	3.15%	39,386	85.33%	3.86%	4.16%	0.80%	8.82%	90.50%	1
003	60199	1.16%	46716	1565	3.35%	41,325	88.46%	3.08%	1.83%	1.37%	6.29%	92.55%	1
004	59070	-0.74%	42798	2303	5.38%	20,448	47.78%	5.71%	25.44%	1.01%	32.16%	67.15%	1
005	58837	-1.13%	44623	2051	4.60%	35,053	78.55%	4.46%	6.67%	0.96%	12.09%	86.91%	1
006	59712	0.34%	45152	682	1.51%	37,476	83.00%	1.29%	6.31%	0.43%	8.02%	91.05%	1
007	59081	-0.72%	48771	302	0.62%	43,969	90.15%	0.68%	2.17%	0.41%	3.25%	95.14%	1
008	59244	-0.45%	49612	708	1.43%	45,581	91.87%	1.44%	2.23%	0.49%	4.16%	94.71%	1
009	59474	-0.06%	48273	759	1.57%	42,931	88.93%	1.71%	2.66%	0.57%	4.93%	94.28%	1
010	59519	0.01%	47164	1757	3.73%	38,589	81.82%	3.83%	4.94%	1.50%	10.26%	88.73%	1
011	58792	-1.21%	45396	839	1.85%	40,541	89.31%	1.63%	2.59%	0.93%	5.16%	90.22%	1
012	59300	-0.35%	46487	4498	9.68%	37,386	80.42%	10.04%	2.53%	0.63%	13.20%	86.12%	1
013	59150	-0.61%	45176	8665	19.18%	29,952	66.30%	19.91%	4.99%	1.05%	25.95%	73.41%	1
014	59135	-0.63%	45511	3117	6.85%	37,785	83.02%	6.71%	3.93%	0.64%	11.27%	87.16%	1
015	59213	-0.50%	45791	6500	14.19%	32,924	71.90%	14.42%	3.71%	0.85%	18.98%	80.35%	1
016	59402	-0.18%	44009	5146	11.69%	33,631	76.42%	11.62%	4.30%	0.54%	16.46%	82.94%	0
017	59120	-0.66%	42761	9843	23.02%	28,229	66.02%	17.72%	5.14%	1.23%	24.09%	75.21%	1
018	59335	-0.30%	45159	3604	7.98%	38,843	86.01%	8.95%	1.69%	1.01%	11.64%	87.90%	1
019	58955	-0.93%	44299	10697	24.15%	28,958	65.37%	19.56%	4.56%	0.77%	24.89%	73.74%	2
020	60107	1.00%	45725	4230	9.25%	34,934	76.40%	9.27%	6.75%	1.34%	17.36%	82.13%	1
021	59529	0.03%	44931	2272	5.06%	36,876	82.07%	4.55%	3.05%	0.90%	8.50%	90.83%	2
022	59460	-0.09%	45815	6918	15.10%	30,057	65.61%	15.67%	5.63%	3.54%	24.83%	74.48%	1
023	59048	-0.78%	44254	2878	6.50%	33,318	75.29%	4.34%	5.64%	1.57%	11.55%	87.70%	1
024	59011	-0.84%	41814	2926	7.00%	26,519	63.42%	5.86%	6.07%	7.24%	19.16%	80.21%	1
025	59414	-0.16%	42520	2507	5.90%	23,862	56.12%	5.22%	4.81%	16.23%	26.27%	72.84%	1
026	59248	-0.44%	44081	1767	4.01%	30,066	68.21%	4.77%	5.87%	6.08%	16.72%	82.25%	0
027	58795	-1.20%	46004	1698	3.69%	38,005	82.61%	3.97%	5.71%	1.07%	10.75%	88.84%	1
028	58972	-0.91%	44444	1747	3.93%	35,271	79.36%	1.50%	6.06%	0.83%	8.39%	91.29%	0
029	59200	-0.52%	43131	5861	13.59%	18,239	42.29%	17.77%	20.24%	2.39%	40.40%	58.08%	1
030	59266	-0.41%	45414	3678	8.10%	32,016	70.50%	8.75%	8.04%	2.49%	19.28%	79.71%	0
031	59901	0.66%	43120	3265	7.57%	29,604	68.65%	7.86%	10.98%	2.25%	21.09%	78.18%	2
032	59145	-0.62%	45942	3659	7.96%	38,122	82.98%	8.83%	2.60%	1.00%	12.42%	86.61%	1
033	59187	-0.54%	46498	5207	11.20%	38,246	82.25%	12.55%	2.06%	0.79%	15.40%	83.88%	1
034	59875	0.61%	45758	7169	15.67%	31,678	69.23%	15.26%	4.72%	5.32%	25.30%	73.92%	1
035	59889	0.64%	48312	13722	28.40%	25,909	53.63%	25.77%	6.43%	3.58%	35.78%	63.34%	0
036	59994	0.81%	44911	7626	16.98%	31,783	70.77%	17.15%	4.59%	1.29%	23.03%	76.18%	1
037	59176	-0.56%	46223	13027	28.18%	21,382	46.26%	30.58%	7.43%	3.16%	41.18%	58.34%	1
038	59317	-0.33%	44839	24318	54.23%	13,498	30.10%	52.38%	7.49%	2.86%	62.74%	36.70%	1
039	59381	-0.22%	44436	24569	55.29%	10,429	23.47%	59.23%	8.52%	1.79%	69.53%	30.26%	1
040	59044	-0.78%	47976	15821	32.98%	24,534	51.14%	29.86%	4.41%	5.61%	39.87%	58.91%	1
041	60122	1.03%	45271	17816	39.35%	12,502	27.62%	47.64%	13.36%	2.67%	63.67%	35.34%	1
042	59620	0.18%	48525	16353	33.70%	18,923	39.00%	39.76%	10.29%	4.95%	55.00%	44.51%	1
043	59464	-0.08%	47033	12476	26.53%	21,781	46.31%	26.95%	6.99%	5.20%	39.14%	59.11%	0
044	60002	0.83%	46773	5635	12.05%	31,659	67.69%	12.81%	6.60%	4.84%	24.26%	74.86%	1
045	59738	0.38%	44023	2324	5.28%	32,991	74.94%	3.60%	3.51%	7.54%	14.65%	84.92%	2
046	59108	-0.68%	44132	3560	8.07%	33,016	74.81%	6.55%	6.01%	4.69%	17.25%	81.81%	1
047	59126	-0.65%	43932	4709	10.72%	28,066	63.89%	12.84%	5.83%	6.02%	24.69%	74.63%	1
048	59003	-0.85%	44779	5279	11.79%	27,658	61.77%	12.23%	6.00%	9.73%	27.96%	71.19%	1
049	59153	-0.60%	45263	3813	8.42%	32,354	71.48%	10.87%	4.00%	7.65%	22.52%	76.74%	1
050	59523	0.02%	43940	5450	12.40%	19,496	44.37%	11.55%	5.31%	23.59%	40.45%	58.72%	1
051	58952	-0.94%	47262	11193	23.68%	25,679	54.33%	24.58%	5.56%	4.40%	34.54%	64.37%	1
052	59811	0.50%	48525	7758	15.99%	26,755	55.14%	15.76%	5.67%	7.50%	28.92%	70.09%	1
053	59953	0.74%	46944	6819	14.53%	33,426	71.20%	12.79%	4.21%	2.92%	19.93%	80.34%	0
054	60083	0.96%	50338	7789	15.47%	31,705	62.98%	15.88%	4.44%	5.83%	26.15%	72.68%	2
055	59971	0.77%	49255	27279	55.38%	17,490	35.51%	60.00%	2.60%	1.97%	64.58%	34.69%	1
056	58929	-0.98%	52757	23993	45.48%	19,509	36.98%	52.88%	4.08%	6.40%	63.37%	35.97%	1
057	59969	0.77%	52097	9411	18.06%	33,156	63.64%	14.16%	4.13%	5.35%	23.64%	75.60%	1
058	59057	-0.76%	50514	31845	63.04%	13,923	27.56%	66.09%	2.73%	3.48%	72.29%	26.79%	1
059	59434	-0.13%	49179	34470	70.09%	10,840	22.04%	71.92%	2.92%	1.89%	76.73%	22.50%	0
060	59709	0.33%	45490	29061	63.88%	12,778	28.09%	68.47%	2.24%	0.98%	71.69%	28.16%	1
061	59302	-0.35%	45447	33762	74.29%	7,613	16.75%	75.83%	4.05%	1.14%	81.02%	18.54%	1
062	59450	-0.10%	46426	33548	72.26%	8,852	19.07%	75.18%	2.79%	1.08%	79.06%	20.37%	2
063	59381	-0.22%	45043	31229	69.33%	8,658	19.22%	71.54%	4.27%	0.89%	76.70%	22.93%	1
064	58986	-0.88%	44189	13577	30.72%	25,553	57.83%	30.33%	4.46%	0.95%	35.74%	63.15%	0
065	59464	-0.08%	44386	27511	61.98%	13,963	31.46%	59.51%	2.93%	0.44%	62.88%	36.85%	1

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District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbent
066	59047	-0.78%	44278	23647	53.41%	15,022	33.93%	47.12%	3.83%	1.54%	52.48%	45.78%	1
067	59135	-0.63%	44299	26099	58.92%	13,670	30.86%	54.23%	5.01%	0.55%	59.80%	39.83%	1
068	59477	-0.06%	44835	24994	55.75%	15,216	33.94%	50.16%	3.57%	2.07%	55.81%	42.43%	1
069	58682	-1.39%	45548	28950	63.56%	12,249	26.89%	62.65%	3.35%	3.31%	69.31%	31.18%	1
070	59121	-0.66%	45249	12591	27.83%	27,007	59.69%	28.55%	6.23%	1.51%	36.29%	62.66%	0
071	59538	0.05%	44582	8879	19.92%	31,118	69.80%	19.13%	3.43%	0.84%	23.39%	75.54%	1
072	59660	0.25%	46229	9642	20.86%	32,007	69.24%	21.50%	2.94%	1.12%	25.56%	73.92%	1
073	60036	0.88%	45736	5538	12.11%	33,193	72.58%	10.78%	5.03%	2.59%	18.40%	80.53%	1
074	58956	-0.93%	44696	11406	25.52%	28,804	64.44%	23.50%	3.73%	1.59%	28.81%	70.80%	1
075	59743	0.39%	43850	32623	74.40%	4,941	11.27%	74.57%	6.56%	2.86%	83.99%	14.55%	1
076	59759	0.42%	44371	29832	67.23%	4,665	10.51%	72.76%	6.06%	7.23%	86.04%	12.73%	1
077	59242	-0.45%	44207	33655	76.13%	3,349	7.58%	80.76%	4.77%	3.46%	89.00%	9.59%	1
078	59044	-0.78%	44572	31904	71.58%	6,707	15.05%	72.00%	4.57%	4.45%	81.01%	18.36%	1
079	59500	-0.02%	43223	30942	71.59%	3,090	7.15%	78.94%	6.19%	4.17%	89.31%	10.02%	1
080	59461	-0.08%	44784	6350	14.18%	21,330	47.63%	16.17%	8.06%	10.04%	34.27%	64.59%	1
081	59007	-0.85%	46259	10099	21.83%	21,746	47.01%	24.74%	6.39%	8.31%	39.44%	59.72%	1
082	59724	0.36%	50238	8455	16.83%	31,380	62.46%	14.52%	4.04%	8.59%	27.15%	71.96%	1
083	59416	-0.16%	46581	7044	15.12%	22,311	47.90%	16.97%	6.61%	6.17%	29.75%	69.47%	0
084	59862	0.59%	47350	34877	73.66%	10,081	21.29%	77.66%	1.91%	0.99%	80.56%	19.08%	1
085	59373	-0.23%	46308	29041	62.71%	9,022	19.48%	74.05%	2.08%	3.65%	79.77%	19.17%	1
086	59205	-0.51%	44614	33485	75.05%	5,391	12.08%	78.52%	1.57%	3.23%	83.32%	16.17%	1
087	59709	0.33%	45615	33336	73.08%	6,159	13.50%	78.29%	2.42%	3.61%	84.32%	14.95%	2
088	59689	0.30%	46073	29187	63.35%	8,432	18.30%	65.89%	4.51%	4.12%	74.51%	24.96%	0
089	59866	0.60%	46198	28890	62.54%	14,355	31.07%	65.13%	2.01%	1.78%	68.92%	30.40%	1
090	59812	0.51%	48015	28082	58.49%	16,315	33.98%	62.05%	2.54%	1.42%	66.01%	33.20%	1
091	60050	0.91%	46173	32341	70.04%	10,158	22.00%	65.45%	3.80%	1.27%	70.52%	29.11%	0
092	60273	1.28%	46551	32022	68.79%	11,196	24.05%	64.65%	2.56%	1.89%	69.11%	30.09%	1
093	60118	1.02%	44734	29239	65.36%	10,247	22.91%	63.92%	5.46%	1.57%	70.95%	27.76%	1
094	59211	-0.50%	44809	30935	69.04%	8,255	18.42%	72.68%	2.54%	2.83%	78.05%	21.57%	1
095	60030	0.87%	44948	30183	67.15%	9,814	21.83%	66.23%	4.53%	1.83%	72.59%	26.93%	1
096	59515	0.01%	44671	10273	23.00%	9,078	20.32%	28.15%	16.85%	18.81%	63.82%	34.84%	1
097	59072	-0.74%	46339	12405	26.77%	16,887	36.44%	32.63%	9.58%	11.62%	53.83%	46.12%	1
098	59998	0.82%	42734	9934	23.25%	4,981	11.66%	35.31%	23.62%	16.87%	75.81%	23.12%	1
099	59850	0.57%	45004	6622	14.71%	18,948	42.10%	16.08%	7.28%	21.18%	44.54%	53.53%	0
100	60030	0.87%	42669	4273	10.01%	25,197	59.05%	9.34%	6.75%	9.65%	25.75%	73.50%	2
101	59938	0.72%	46584	11269	24.19%	18,698	40.14%	24.18%	9.81%	11.44%	45.43%	53.38%	2
102	58959	-0.93%	42968	16164	37.62%	13,169	30.65%	39.02%	11.06%	7.92%	58.00%	40.65%	0
103	60197	1.15%	44399	7454	16.79%	23,273	52.42%	17.59%	8.52%	10.33%	36.44%	63.14%	0
104	59362	-0.25%	43306	7373	17.03%	27,265	62.96%	12.72%	6.22%	5.06%	24.00%	75.44%	1
105	59344	-0.28%	43474	12628	29.05%	18,145	41.74%	28.97%	9.77%	8.06%	46.80%	52.93%	1
106	59112	-0.67%	43890	15918	36.27%	18,090	41.22%	36.87%	7.33%	5.60%	49.81%	49.70%	2
107	59702	0.32%	44509	13186	29.63%	9,775	21.96%	33.83%	17.35%	15.26%	66.44%	33.07%	1
108	59577	0.11%	44308	8132	18.35%	19,214	43.36%	18.94%	7.74%	13.58%	40.25%	58.77%	1
109	59630	0.20%	44140	14352	32.51%	6,816	15.44%	40.70%	17.64%	14.28%	72.62%	26.06%	1
110	59951	0.74%	43226	20400	47.19%	15,812	36.58%	40.53%	5.96%	5.09%	51.58%	46.32%	0
111	60009	0.84%	44096	9828	22.29%	28,221	64.00%	13.78%	5.02%	2.32%	21.12%	77.64%	1
112	59349	-0.27%	45120	8667	19.21%	33,268	73.73%	21.18%	2.03%	0.90%	24.11%	75.78%	1
113	60053	0.91%	44538	26515	59.53%	14,162	31.80%	57.33%	3.97%	1.08%	62.37%	37.09%	1
114	59867	0.60%	45872	11347	24.74%	31,580	68.84%	23.12%	1.76%	0.39%	25.26%	73.99%	1
115	60174	1.11%	44807	23357	52.13%	16,555	36.95%	48.14%	3.92%	2.17%	54.22%	45.02%	1
116	59913	0.68%	45791	26616	58.12%	12,464	27.22%	51.32%	5.67%	6.15%	63.14%	34.65%	1
117	60130	1.04%	44973	16463	36.61%	24,511	54.50%	28.45%	4.25%	0.69%	33.38%	66.00%	0
118	59987	0.80%	46342	10937	23.60%	32,314	69.73%	24.74%	2.11%	0.31%	27.15%	72.66%	2
119	58947	-0.95%	44005	5935	13.49%	30,715	69.80%	12.74%	6.35%	2.74%	21.83%	77.41%	1
120	58982	-0.89%	46767	6679	14.28%	33,645	71.94%	14.96%	4.19%	2.56%	21.71%	77.24%	1
121	59127	-0.65%	46598	4454	9.56%	35,475	76.13%	11.42%	2.84%	2.58%	16.84%	82.73%	1
122	59632	0.20%	48840	13878	28.42%	26,762	54.80%	34.51%	5.17%	3.54%	43.22%	55.91%	1
123	59282	-0.38%	46572	11307	24.28%	31,695	68.06%	27.70%	2.03%	0.34%	30.07%	69.98%	1
124	59221	-0.49%	47638	12186	25.58%	30,971	65.01%	28.39%	2.55%	1.07%	32.01%	67.67%	1
125	60137	1.05%	43812	10376	23.68%	27,614	63.03%	22.39%	6.34%	1.81%	30.55%	67.91%	1
126	59260	-0.42%	45497	24782	54.47%	18,185	39.97%	55.51%	2.98%	1.54%	60.03%	38.98%	1
127	58678	-1.40%	45889	8500	18.52%	31,263	68.13%	18.57%	3.13%	4.19%	25.89%	73.35%	1
128	58864	-1.09%	46488	23434	50.41%	21,612	46.49%	52.01%	1.33%	0.32%	53.67%	45.65%	0
129	58829	-1.15%	46873	25717	54.87%	17,419	37.16%	55.43%	2.75%	1.69%	59.86%	39.79%	1
130	59203	-0.52%	44019	26372	59.91%	14,854	33.74%	58.72%	3.21%	0.53%	62.46%	36.63%	1
131	58890	-1.04%	42968	7572	17.62%	29,286	68.16%	12.47%	5.00%	4.69%	22.16%	76.39%	1
132	59142	-0.62%	46752	24471	52.34%	16,658	35.63%	55.59%	4.97%	1.66%	62.21%	37.18%	2

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District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbent
133	59202	-0.52%	47222	17358	36.76%	27,574	58.39%	35.45%	1.59%	1.08%	38.12%	61.38%	2
134	59396	-0.19%	45110	15143	33.57%	27,023	59.90%	33.55%	2.45%	0.98%	36.98%	62.33%	1
135	60063	0.93%	46725	11098	23.75%	33,540	71.78%	23.98%	0.87%	0.53%	25.37%	73.48%	1
136	59298	-0.36%	45367	13005	28.67%	28,990	63.90%	31.62%	1.79%	0.56%	33.97%	65.40%	1
137	59551	0.07%	45358	23647	52.13%	18,517	40.82%	51.97%	2.74%	1.04%	55.75%	43.10%	1
138	58912	-1.01%	45684	8824	19.32%	33,050	72.34%	19.43%	3.05%	2.17%	24.64%	74.35%	1
139	59010	-0.84%	45522	9227	20.27%	30,132	66.19%	19.73%	5.74%	2.78%	28.26%	70.52%	1
140	59294	-0.36%	44411	25596	57.63%	14,080	31.70%	60.08%	5.42%	1.42%	66.92%	31.79%	1
141	59019	-0.83%	44677	25672	57.46%	14,194	31.77%	54.64%	6.69%	1.90%	63.23%	36.14%	1
142	59608	0.16%	44584	26536	59.52%	15,516	34.80%	60.39%	1.74%	1.38%	63.50%	35.85%	1
143	59469	-0.07%	46390	28201	60.79%	14,977	32.28%	59.11%	1.76%	1.04%	61.90%	37.23%	1
144	59232	-0.47%	46370	13598	29.32%	29,191	62.95%	28.95%	2.15%	2.01%	33.11%	66.01%	1
145	59863	0.59%	45844	16353	35.67%	25,270	55.12%	35.67%	2.79%	0.98%	39.45%	59.81%	1
146	60203	1.16%	44589	12312	27.61%	27,576	61.84%	24.84%	4.45%	2.70%	31.99%	66.86%	1
147	59178	-0.56%	44902	13526	30.12%	24,842	55.32%	29.85%	4.35%	3.25%	37.46%	61.48%	1
148	59984	0.79%	46614	15858	34.02%	28,176	60.45%	35.88%	1.82%	0.24%	37.94%	61.36%	1
149	58893	-1.04%	46821	15051	32.15%	28,556	60.99%	35.17%	1.23%	0.33%	36.73%	62.58%	1
150	59276	-0.39%	47050	25202	53.56%	18,026	38.31%	54.81%	3.09%	0.52%	58.42%	41.17%	1
151	60059	0.92%	46973	19920	42.41%	22,169	47.20%	44.02%	4.81%	1.10%	49.93%	49.36%	1
152	60134	1.05%	46026	11993	26.06%	31,272	67.94%	25.78%	1.91%	1.55%	29.24%	69.38%	1
153	59299	-0.36%	45692	31047	67.95%	12,637	27.66%	68.49%	1.28%	0.97%	70.75%	28.90%	1
154	59994	0.81%	47273	25914	54.82%	19,967	42.24%	55.63%	1.02%	0.26%	56.91%	42.57%	2
155	58759	-1.26%	45208	16208	35.85%	27,019	59.77%	35.45%	2.00%	0.73%	38.17%	61.47%	1
156	59444	-0.11%	45867	13875	30.25%	27,940	60.92%	31.96%	3.23%	0.43%	35.62%	64.26%	1
157	59957	0.75%	45311	11176	24.67%	29,216	64.48%	26.96%	5.61%	0.39%	32.95%	66.63%	1
158	59440	-0.12%	45549	14209	31.19%	28,334	62.21%	31.91%	1.82%	0.28%	34.01%	65.14%	1
159	59895	0.65%	44871	10995	24.50%	31,137	69.39%	26.66%	2.28%	0.57%	29.51%	69.76%	1
160	59935	0.71%	48057	10859	22.60%	32,909	68.48%	22.98%	2.09%	0.91%	25.98%	73.38%	1
161	60097	0.98%	44371	12042	27.14%	26,692	60.16%	23.81%	3.78%	1.73%	29.32%	69.93%	1
162	60308	1.34%	46733	20435	43.73%	18,984	40.62%	44.67%	7.32%	3.03%	55.02%	43.50%	0
163	60123	1.03%	48461	22045	45.49%	20,317	41.92%	51.94%	3.60%	1.32%	56.86%	42.83%	2
164	60101	0.99%	45851	10760	23.47%	27,792	60.61%	22.01%	5.21%	2.70%	29.92%	69.22%	1
165	59978	0.78%	48247	24282	50.33%	18,901	39.18%	62.33%	2.53%	0.78%	65.65%	33.16%	0
166	60242	1.23%	47580	2698	5.67%	40,307	84.71%	5.22%	2.82%	2.50%	10.54%	88.84%	1
167	59493	-0.03%	44140	9835	22.28%	29,113	65.96%	26.07%	4.71%	0.87%	31.65%	67.17%	1
168	60147	1.07%	44867	20757	46.26%	17,627	39.29%	44.48%	10.46%	2.01%	56.95%	41.06%	1
169	59138	-0.63%	45267	13147	29.04%	27,591	60.95%	31.68%	4.18%	0.67%	36.53%	63.22%	1
170	60116	1.02%	45316	10976	24.22%	29,080	64.17%	24.69%	4.11%	0.92%	29.72%	69.87%	1
171	59237	-0.46%	45969	18202	39.60%	24,755	53.85%	40.49%	1.98%	0.64%	43.11%	56.20%	1
172	59961	0.76%	44756	10439	23.32%	27,315	61.03%	26.03%	6.29%	0.57%	32.88%	66.31%	1
173	59743	0.39%	45292	16428	36.27%	25,217	55.68%	37.77%	1.67%	0.42%	39.86%	59.10%	1
174	59852	0.57%	45760	7950	17.37%	33,060	72.25%	17.49%	3.43%	0.74%	21.65%	77.52%	1
175	59993	0.81%	44704	10805	24.17%	29,725	66.49%	22.04%	4.63%	2.38%	29.05%	69.96%	1
176	59470	-0.07%	44991	10206	22.68%	29,763	66.15%	23.14%	4.76%	0.40%	28.30%	70.47%	2
177	59992	0.81%	46014	24793	53.88%	17,082	37.12%	52.30%	3.20%	0.84%	56.35%	43.19%	1
178	59877	0.62%	45638	6750	14.79%	35,503	77.79%	15.45%	3.24%	0.47%	19.16%	80.35%	1
179	59356	-0.26%	47156	12745	27.03%	30,035	63.69%	27.71%	2.66%	1.61%	31.99%	67.22%	1
180	59412	-0.17%	45362	8261	18.21%	32,283	71.17%	19.01%	4.79%	1.62%	25.42%	73.45%	1
Total 2020 Pop.	**10,711,908**	**2.74%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**						
Majority Districts					**49**	**101**		**49**			**62**	**116**	

EXHIBIT Z-1

Georgia House
Illustrative
Region A
Region B
Region C
0 15 30
Miles
District by BVAP
144
50.5%
153
58.0%
069
11.9%
070
29.9%
071
9.6%
072
9.5%
073
60.6%
111
52.4%
145
21.1%
120
26.2%
121
24.0%
125
58.6%
129
21.1%
126
53.3%
130
15.5%
131
25.1%
132
46.0%
141
26.8%
128
56.1%
142
62.9%
143
59.0%
140
25.0%
147
41.1%
133
17.9%
134
21.6%
135
51.5%
136
60.2%
139
53.0%
148
34.0%
138
52.4%
146
27.1%
158
28.7%
160
28.4%
159
29.5%
164
27.8%
161
16.5%
162
51.1%
163
44.3%
165
151
56.6%
155
29.0%
149
27.9%
156
24.5%
157
20.3%
166
10.5%
152
27.1%
154
61.0%
168
48.0%
167
178
15.6%
176
25.7%
172
28.0%
170
19.6%
171
35.6%
173
27.6%
175
20.9%
174
22.0%
177
180
18.2
HEARD
COWETA
TROUP
HARRIS
TALBOT
TAYLOR
CHATTAHOOCHEE
STEWART
QUITMAN
CLAY
CALHOUN
EARLY
BAKER
MILLER
DOUGHERTY
TERRELL
LEE
SUMTER
SCHLEY
MACON
DOOLY
CRISP
WORTH
COLQUITT
THOMAS
GRADY
DECATUR
BROOKS
COOK
TIFT
TURNER
WILCOX
PULASKI
HOUSTON
PEACH
CRAWFORD
UPSON
PIKE
LAMAR
MONROE
JASPER
BUTTS
PUTNAM
BALDWIN
WILKINSON
TWIGGS
BLECKLEY
DODGE
BEN HILL
IRWIN
LANIER
ATKINSON
WAYNE
BACON
COFFEE
APPLING
JEFFERSON
WASHINGTON
GLASCOCK
JOHNSON
EMANUEL
JENKINS
BURKE
WARREN
TREUTLEN
LAURENS
TOOMBS
WHEELER
TELFAIR
EVANS
TATTNALL
CANDLER
BULLOCH
EFFINGHAM
SCREVEN
BRYAN
LIBERTY
LONG
PIERCE
BRANTLEY
WARE
CHARLTON
CLINCH
CAMDEN
Williston
Bamberg
Barnwell
Waynesboro
Allendale
Fairfax
Hampton
Estill
Sylvania
Ridgeland
Rincon
Hogansville
Lanett
Valley
Manchester
Thomaston
Macon
Warner Robins
Dublin
Swainsboro
Columbus
Cochran
Montezuma
Hawkinsville
Eastman
Vidalia
Richland
Americus
Cordele
Hazlehurst
Baxley
Fitzgerald
Cuthbert
Abbeville
Sylvester
Putney
Tifton
Douglas
Blakely
Moultrie
Nashville
Waycross
Blackshear
Jesup
Donalsonville
Bainbridge
Cairo
Thomasville
Homerville
Augusta
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EXHIBIT Z-2

Population Summary Report

Georgia State House --Illustrative Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbent
001	59437	-0.12%	46702	1872	4.01%	41,873	89.66%	4.33%	1.50%	0.61%	6.45%	92.41%	1
002	59950	0.74%	46103	1428	3.10%	40,396	87.62%	2.74%	2.99%	0.27%	6.00%	92.98%	1
003	60199	1.16%	46716	1565	3.35%	41,325	88.46%	3.08%	1.83%	1.37%	6.29%	92.55%	1
004	59715	0.34%	43446	2164	4.98%	22,742	52.35%	5.09%	21.46%	0.44%	26.99%	71.87%	1
005	58992	-0.87%	44689	1958	4.38%	35,181	78.72%	4.45%	6.37%	0.91%	11.73%	87.30%	1
006	59171	-0.57%	44514	1035	2.33%	33,732	75.78%	2.80%	10.16%	1.46%	14.42%	85.09%	1
007	60117	1.02%	49292	311	0.63%	44,360	89.99%	0.73%	2.28%	0.42%	3.42%	95.10%	1
008	59365	-0.25%	50050	490	0.98%	45,859	91.63%	1.39%	2.31%	0.50%	4.19%	94.80%	1
009	60286	1.30%	49130	756	1.54%	43,602	88.75%	1.84%	2.75%	0.59%	5.18%	93.81%	1
010	59086	-0.71%	46638	1808	3.88%	40,194	86.18%	3.48%	3.24%	0.91%	7.63%	91.53%	1
011	59778	0.45%	47979	1360	2.83%	42,340	88.25%	3.04%	3.08%	0.84%	6.96%	88.11%	1
012	58876	-1.07%	45889	5769	12.57%	34,666	75.54%	11.82%	3.31%	1.08%	16.21%	83.56%	1
013	60053	0.91%	46362	7606	16.41%	33,202	71.61%	17.47%	4.55%	0.74%	22.76%	76.05%	1
014	59310	-0.34%	45251	4826	10.66%	35,828	79.18%	9.36%	3.76%	0.72%	13.84%	85.66%	0
015	59492	-0.03%	45648	6111	13.39%	33,501	73.39%	14.77%	3.16%	0.76%	18.69%	80.20%	2
016	59196	-0.53%	44735	3329	7.44%	36,751	82.15%	9.11%	3.75%	0.60%	13.46%	86.00%	1
017	58802	-1.19%	41822	6656	15.92%	30,587	73.14%	10.44%	5.47%	0.73%	16.65%	82.41%	1
018	59116	-0.66%	45784	10515	22.97%	29,816	65.12%	22.76%	3.69%	0.48%	26.93%	72.01%	0
019	58641	-1.46%	43696	8349	19.11%	31,338	71.72%	16.47%	3.59%	1.89%	21.96%	77.76%	1
020	59666	0.26%	46479	4701	10.11%	34,117	73.40%	9.65%	6.04%	1.65%	17.34%	82.03%	1
021	60270	1.28%	45210	3516	7.78%	34,132	75.50%	7.79%	7.73%	1.62%	17.14%	82.12%	1
022	58963	-0.92%	42831	3209	7.49%	31,979	74.66%	9.61%	4.06%	5.26%	18.94%	80.58%	1
023	60197	1.15%	44638	3920	8.78%	31,316	70.16%	7.90%	5.42%	2.22%	15.55%	83.72%	1
024	60138	1.05%	43694	1620	3.71%	35,819	81.98%	1.63%	5.03%	1.24%	7.90%	91.75%	0
025	59131	-0.64%	41640	2743	6.59%	23,150	55.60%	6.20%	6.12%	12.97%	25.29%	73.84%	1
026	58847	-1.12%	41465	2232	5.38%	27,265	65.75%	5.60%	5.36%	7.39%	18.35%	80.50%	1
027	59826	0.53%	47540	2283	4.80%	36,129	76.00%	5.30%	9.82%	1.33%	16.45%	82.93%	1
028	59060	-0.76%	45656	2844	6.23%	36,993	81.03%	6.68%	4.21%	1.72%	12.61%	86.28%	1
029	58965	-0.92%	41483	5977	14.41%	14,350	34.59%	18.67%	25.16%	2.04%	45.87%	52.90%	2
030	59376	-0.23%	45730	3011	6.58%	32,739	71.59%	6.68%	8.49%	2.62%	17.79%	81.70%	0
031	59858	0.58%	44200	3370	7.62%	34,961	79.10%	8.49%	4.40%	2.03%	14.92%	84.43%	1
032	59541	0.05%	46808	5534	11.82%	38,219	81.65%	12.82%	2.01%	0.74%	15.56%	83.86%	1
033	59586	0.13%	46648	8571	18.37%	34,478	73.91%	20.26%	1.96%	0.32%	22.53%	77.09%	1
034	58806	-1.18%	45799	9739	21.26%	30,332	66.23%	20.53%	4.97%	3.04%	28.54%	70.60%	1
035	59432	-0.13%	45932	11287	24.57%	26,008	56.62%	25.41%	6.60%	4.00%	36.02%	62.89%	1
036	58748	-1.28%	44526	5425	12.18%	32,692	73.42%	10.31%	4.38%	3.85%	18.54%	81.04%	1
037	58759	-1.26%	45657	14366	31.47%	19,998	43.80%	34.50%	8.50%	4.09%	47.08%	52.67%	1
038	58628	-1.48%	44687	23014	51.50%	13,792	30.86%	51.77%	8.20%	2.80%	62.77%	36.62%	1
039	59217	-0.49%	45078	23090	51.22%	13,130	29.13%	52.36%	7.78%	2.22%	62.37%	37.74%	1
040	59087	-0.71%	43696	28674	65.62%	9,474	21.68%	69.36%	4.78%	2.00%	76.14%	23.14%	1
041	58750	-1.28%	43855	15527	35.41%	16,029	36.55%	40.39%	10.35%	4.56%	55.30%	44.07%	1
042	59492	-0.03%	49167	15717	31.97%	17,925	36.46%	39.05%	9.24%	4.95%	53.25%	45.30%	1
043	58895	-1.04%	45618	8790	19.27%	25,736	56.42%	18.03%	5.58%	6.20%	29.82%	68.89%	1
044	58816	-1.17%	47689	9059	19.00%	29,027	60.87%	17.52%	6.12%	4.65%	28.30%	70.68%	1
045	58712	-1.34%	44858	5725	12.76%	30,946	68.99%	9.64%	4.46%	5.16%	19.26%	80.39%	1
046	60086	0.97%	44683	3543	7.93%	33,464	74.89%	6.60%	4.71%	5.09%	16.39%	82.38%	1
047	59665	0.26%	45057	5818	12.91%	22,802	50.61%	13.73%	7.85%	14.63%	36.22%	62.74%	0
048	59887	0.63%	46318	6569	14.18%	28,517	61.57%	17.42%	6.50%	4.70%	28.63%	70.84%	1
049	58771	-1.24%	44121	5290	11.99%	24,051	54.51%	12.57%	4.67%	16.59%	33.83%	65.18%	1
050	59184	-0.55%	45645	8762	19.20%	13,868	30.38%	17.87%	9.23%	29.04%	56.13%	42.68%	1
051	60227	1.20%	48254	10458	21.67%	28,040	58.11%	21.95%	5.16%	5.69%	32.80%	66.08%	1
052	60265	1.27%	49155	7426	15.11%	28,331	57.64%	15.81%	6.09%	4.86%	26.76%	72.49%	1
053	58830	-1.14%	47187	12966	27.48%	25,634	54.32%	26.27%	6.07%	3.85%	36.19%	63.09%	1
054	59230	-0.47%	51206	8367	16.34%	35,074	68.50%	14.25%	2.82%	5.90%	22.96%	76.25%	1
055	59073	-0.74%	47334	24895	52.59%	17,550	37.08%	57.34%	2.70%	1.81%	61.84%	37.36%	1
056	59420	-0.15%	52804	27857	52.76%	16,832	31.88%	57.59%	4.50%	7.26%	69.35%	29.92%	1
057	59610	0.17%	51582	29227	56.66%	16,826	32.62%	57.86%	3.82%	2.62%	64.31%	35.20%	1
058	59735	0.38%	52851	8978	16.99%	33,455	63.30%	13.97%	4.48%	5.26%	23.70%	75.41%	1
059	58942	-0.96%	47719	26665	55.88%	16,219	33.99%	60.67%	3.30%	1.78%	65.75%	33.68%	1
060	59197	-0.53%	45411	34928	76.92%	5,864	12.91%	80.25%	3.13%	0.89%	84.27%	15.14%	1
061	59666	0.26%	45697	32994	72.20%	8,230	18.01%	75.64%	4.16%	1.06%	80.86%	18.93%	1
062	59384	-0.21%	45565	41225	90.48%	1,744	3.83%	91.85%	1.92%	0.71%	94.48%	4.67%	1
063	58806	-1.18%	45567	30138	66.14%	11,676	25.62%	64.68%	3.15%	2.29%	70.12%	29.90%	1
064	59151	-0.60%	44832	29047	64.79%	11,797	26.31%	58.96%	3.87%	2.99%	65.82%	33.32%	1
065	58920	-0.99%	44304	28677	64.73%	11,644	26.28%	63.12%	3.70%	0.62%	67.44%	32.18%	1

Population Summary Report

Georgia State House --Illustrative Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbent
066	60347	1.40%	44791	29544	65.96%	10,787	24.08%	61.44%	3.46%	1.38%	66.28%	32.05%	1
067	59645	0.23%	44739	28087	62.78%	12,904	28.84%	58.04%	3.23%	0.42%	61.69%	37.83%	0
068	58798	-1.20%	43885	10997	25.06%	28,222	64.31%	25.13%	3.57%	0.92%	29.63%	70.05%	1
069	59534	0.04%	45679	5452	11.94%	37,178	81.39%	12.42%	2.13%	1.02%	15.57%	83.22%	1
070	59744	0.39%	45324	13530	29.85%	25,142	55.47%	30.95%	6.78%	2.31%	40.04%	58.82%	0
071	60122	1.03%	45707	4375	9.57%	36,597	80.07%	8.40%	3.79%	1.17%	13.36%	86.17%	1
072	58656	-1.44%	44356	4212	9.50%	33,237	74.93%	8.44%	4.56%	2.57%	15.57%	82.86%	1
073	60364	1.43%	45016	27267	60.57%	13,220	29.37%	58.61%	4.70%	1.74%	65.04%	34.15%	1
074	58666	-1.42%	43337	30556	70.51%	3,867	8.92%	76.95%	5.52%	4.42%	86.89%	11.78%	1
075	58818	-1.16%	43406	29530	68.03%	5,224	12.04%	71.49%	6.85%	5.52%	83.86%	14.70%	1
076	60113	1.01%	45375	32656	71.97%	5,826	12.84%	74.34%	4.77%	4.18%	83.29%	16.42%	1
077	58912	-1.01%	43070	32766	76.08%	2,874	6.67%	81.32%	5.37%	2.96%	89.65%	9.11%	1
078	59048	-0.78%	45065	24825	55.09%	13,085	29.04%	50.85%	5.85%	5.25%	61.96%	37.47%	1
079	58770	-1.25%	44626	6312	14.14%	24,204	54.24%	14.57%	4.76%	8.16%	27.50%	71.54%	1
080	59573	0.10%	45724	7782	17.02%	20,402	44.62%	21.11%	7.22%	7.81%	36.14%	62.81%	1
081	59188	-0.54%	44856	10639	23.72%	11,988	26.73%	30.23%	14.09%	11.59%	55.92%	42.55%	1
082	59452	-0.10%	50594	9193	18.17%	28,598	56.52%	16.02%	5.57%	7.64%	29.24%	70.37%	1
083	58898	-1.03%	44947	25250	56.18%	16,281	36.22%	59.85%	2.58%	1.95%	64.38%	35.16%	1
084	58670	-1.41%	46089	31650	68.67%	11,665	25.31%	74.24%	1.31%	1.32%	76.86%	22.73%	1
085	58922	-0.99%	47601	19783	41.56%	19,894	41.79%	49.97%	2.26%	4.40%	56.62%	41.94%	1
086	59065	-0.75%	43463	24022	55.27%	10,490	24.14%	58.46%	2.44%	5.48%	66.38%	31.99%	1
087	59585	0.12%	45472	25676	56.47%	11,391	25.05%	59.08%	3.37%	6.54%	68.99%	30.64%	1
088	58705	-1.35%	45238	25820	57.08%	9,480	20.96%	62.92%	4.45%	5.72%	73.10%	26.36%	1
089	59915	0.68%	48186	26012	53.98%	18,319	38.02%	56.91%	2.36%	1.93%	61.19%	37.98%	1
090	60372	1.45%	47305	35494	75.03%	9,490	20.06%	73.58%	2.47%	1.01%	77.06%	22.64%	1
091	60390	1.48%	45133	35001	77.55%	6,348	14.07%	76.15%	4.42%	0.96%	81.53%	17.76%	1
092	59982	0.79%	45766	42337	92.51%	1,492	3.26%	93.89%	1.52%	0.39%	95.81%	3.73%	1
093	60260	1.26%	45920	25233	54.95%	16,745	36.47%	51.89%	3.42%	1.43%	56.75%	42.91%	1
094	59284	-0.38%	44177	23246	52.62%	12,161	27.53%	55.47%	4.34%	4.04%	63.84%	35.64%	1
095	58825	-1.15%	46205	8699	18.83%	23,380	50.60%	20.40%	5.70%	12.12%	38.22%	61.19%	1
096	58713	-1.34%	43674	11976	27.42%	8,849	20.26%	37.37%	18.06%	12.17%	67.61%	31.74%	1
097	58771	-1.24%	42969	6202	14.43%	19,803	46.09%	13.97%	6.18%	19.96%	40.12%	60.28%	1
098	58629	-1.48%	42827	5044	11.78%	26,495	61.87%	11.85%	6.60%	5.95%	24.40%	74.73%	1
099	58815	-1.17%	41927	9348	22.30%	5,194	12.39%	32.90%	22.43%	18.07%	73.40%	25.83%	1
100	58895	-1.04%	43773	13867	31.68%	6,434	14.70%	39.39%	19.12%	15.54%	74.05%	24.93%	1
101	60372	1.45%	45390	13488	29.72%	13,800	30.40%	32.47%	12.05%	13.39%	57.92%	41.41%	1
102	59365	-0.25%	46364	10979	23.68%	18,795	40.54%	23.74%	8.66%	12.51%	44.91%	53.79%	1
103	59725	0.36%	43964	8801	20.02%	21,427	48.74%	19.94%	10.38%	6.98%	37.30%	61.33%	1
104	58654	-1.44%	42236	12480	29.55%	20,548	48.65%	23.36%	8.42%	5.13%	36.91%	62.22%	1
105	58966	-0.92%	41844	19286	46.09%	12,357	29.53%	43.96%	10.16%	5.49%	59.60%	39.44%	1
106	58654	-1.44%	43493	21269	48.90%	13,917	32.00%	47.95%	7.37%	5.28%	60.60%	38.73%	1
107	59972	0.77%	43794	18994	43.37%	17,083	39.01%	40.25%	6.01%	4.90%	51.16%	46.81%	1
108	58895	-1.04%	43797	9562	21.83%	16,906	38.60%	24.10%	10.19%	12.45%	46.75%	52.14%	1
109	60125	1.03%	45782	25592	55.90%	14,022	30.63%	49.97%	5.30%	4.07%	59.35%	38.78%	1
110	60333	1.38%	45293	23724	52.38%	17,438	38.50%	50.47%	4.12%	0.81%	55.40%	45.30%	1
111	59060	-0.76%	43574	24296	55.76%	14,801	33.97%	50.20%	4.66%	2.09%	56.95%	41.86%	0
112	60318	1.36%	45032	24145	53.62%	17,470	38.79%	51.59%	3.44%	0.62%	55.64%	43.81%	0
113	59606	0.16%	45523	25915	56.93%	15,353	33.73%	52.80%	2.86%	2.31%	57.96%	40.48%	1
114	59460	-0.09%	44583	9619	21.58%	29,300	65.72%	22.50%	4.32%	1.34%	28.17%	71.48%	1
115	59186	-0.55%	44678	5913	13.23%	34,585	77.41%	10.69%	2.61%	1.68%	14.99%	84.22%	1
116	59175	-0.56%	43703	5104	11.68%	30,740	70.34%	9.13%	6.05%	5.22%	20.40%	78.42%	1
117	59968	0.77%	49540	8470	17.10%	33,403	67.43%	18.88%	3.56%	2.45%	24.89%	74.11%	1
118	60268	1.27%	49965	13150	26.32%	28,246	56.53%	31.60%	5.39%	3.94%	40.93%	58.16%	1
119	60064	0.93%	43964	3440	7.82%	35,104	79.85%	8.06%	4.11%	2.52%	14.69%	84.90%	1
120	59968	0.77%	48143	12604	26.18%	30,811	64.00%	29.90%	2.17%	0.98%	33.06%	66.44%	1
121	59056	-0.76%	43180	10383	24.05%	27,549	63.80%	25.49%	6.11%	1.64%	33.23%	65.10%	1
122	58712	-1.34%	43395	6465	14.90%	30,535	70.37%	13.05%	4.42%	5.07%	22.54%	76.50%	1
123	59314	-0.33%	45628	9401	20.60%	29,916	65.57%	15.74%	3.70%	3.58%	23.02%	75.81%	1
124	59743	0.39%	48100	24637	51.22%	19,752	41.06%	51.31%	2.74%	2.00%	56.05%	43.54%	1
125	60329	1.37%	44930	26323	58.59%	15,698	34.94%	57.91%	2.98%	0.57%	61.46%	37.55%	1
126	59319	-0.32%	45424	24204	53.28%	18,722	41.22%	55.29%	3.36%	1.34%	60.00%	38.97%	1
127	58981	-0.89%	45754	24122	52.72%	15,783	34.50%	55.89%	5.28%	1.67%	62.84%	36.58%	1
128	59778	0.45%	46116	25887	56.13%	18,659	40.46%	55.20%	1.76%	0.30%	57.26%	42.68%	1
129	59024	-0.82%	44755	9436	21.08%	32,096	71.71%	20.34%	2.32%	0.43%	23.10%	75.93%	1
130	59587	0.13%	46284	7170	15.49%	36,697	79.29%	14.16%	0.86%	1.09%	16.11%	82.24%	1
131	60330	1.38%	47377	11910	25.14%	33,124	69.92%	26.87%	1.81%	0.49%	29.18%	70.09%	1
132	58773	-1.24%	45237	20829	46.04%	21,329	47.15%	47.57%	1.51%	0.76%	49.84%	50.07%	1

Population Summary Report

Georgia State House --Illustrative Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2015-19 BCVAP*	2015-19 LCVAP*	2015-19 ACVAP*	2015-19 B+L+A CVAP*	2015-19 NH White CVAP*	Incumbent
133	59012	-0.84%	45765	8177	17.87%	34,472	75.32%	19.52%	2.96%	0.73%	23.22%	75.96%	1
134	60267	1.27%	46314	10009	21.61%	29,026	62.67%	19.90%	6.01%	4.70%	30.61%	67.71%	1
135	60394	1.48%	46220	23789	51.47%	18,003	38.95%	53.09%	4.18%	0.99%	58.25%	40.34%	1
136	60319	1.36%	45737	27518	60.17%	13,921	30.44%	57.53%	5.86%	1.70%	65.09%	34.09%	1
137	59571	0.10%	44675	1706	3.82%	31,094	69.60%	3.45%	5.31%	4.53%	13.29%	85.84%	0
138	60369	1.44%	45111	23620	52.36%	16,367	36.28%	52.83%	6.87%	1.77%	61.47%	38.14%	2
139	58655	-1.44%	46825	24816	53.00%	18,739	40.02%	55.23%	2.73%	0.38%	58.34%	41.80%	1
140	60207	1.17%	45762	11455	25.03%	29,127	63.65%	24.02%	3.46%	3.81%	31.28%	68.36%	1
141	59635	0.21%	46376	12450	26.85%	30,458	65.68%	25.55%	2.09%	2.24%	29.87%	69.00%	2
142	59571	0.10%	43807	27567	62.93%	13,843	31.60%	65.19%	1.30%	1.17%	67.66%	32.01%	1
143	60158	1.09%	47032	27762	59.03%	15,915	33.84%	57.23%	1.79%	1.08%	60.09%	39.21%	1
144	59035	-0.80%	48160	24301	50.46%	21,594	44.84%	52.63%	1.54%	0.50%	54.67%	45.27%	1
145	58689	-1.38%	46521	9826	21.12%	33,949	72.98%	22.47%	1.80%	0.75%	25.02%	74.06%	1
146	60272	1.28%	45763	12384	27.06%	28,835	63.01%	27.14%	4.13%	1.57%	32.85%	66.03%	0
147	60203	1.16%	45383	18665	41.13%	21,260	46.85%	40.96%	3.64%	1.24%	45.84%	52.90%	1
148	59568	0.10%	45905	15626	34.04%	27,593	60.11%	35.71%	2.16%	0.32%	38.20%	61.19%	2
149	60393	1.48%	47506	13263	27.92%	30,684	64.59%	29.33%	1.92%	0.63%	31.88%	67.59%	2
150	59281	-0.39%	44290	13864	31.30%	25,589	57.78%	27.78%	4.75%	0.47%	33.00%	65.64%	1
151	60241	1.23%	47603	26961	56.64%	17,328	36.40%	57.36%	1.68%	1.19%	60.24%	39.24%	1
152	60383	1.47%	46089	12491	27.10%	30,436	66.04%	27.87%	2.59%	1.59%	32.06%	66.29%	1
153	60315	1.35%	46133	26737	57.96%	17,158	37.19%	60.08%	1.10%	0.48%	61.65%	37.39%	1
154	60120	1.02%	47053	28682	60.96%	17,009	36.15%	61.51%	0.93%	0.11%	62.54%	36.86%	2
155	60299	1.32%	46955	13625	29.02%	30,108	64.12%	30.29%	2.36%	0.47%	33.11%	66.51%	1
156	60310	1.34%	45966	11261	24.50%	29,666	64.54%	27.56%	6.18%	0.41%	34.15%	65.17%	1
157	60385	1.47%	43879	8911	20.31%	29,670	67.62%	18.78%	5.30%	1.53%	25.60%	73.24%	1
158	59899	0.65%	46645	13389	28.70%	30,321	65.00%	29.75%	1.83%	0.18%	31.75%	67.67%	1
159	60289	1.31%	45813	13511	29.49%	29,922	65.31%	30.64%	1.58%	0.61%	32.83%	66.49%	1
160	60376	1.45%	48275	13686	28.35%	30,410	62.99%	29.21%	2.71%	0.95%	32.86%	66.60%	1
161	58778	-1.23%	43577	7209	16.54%	30,951	71.03%	14.95%	3.31%	1.76%	20.01%	78.46%	1
162	58812	-1.17%	46024	23512	51.09%	15,576	33.84%	59.67%	3.65%	0.72%	64.03%	35.84%	1
163	60132	1.04%	47437	20998	44.27%	20,284	42.76%	46.97%	5.54%	1.84%	54.36%	44.68%	0
164	58706	-1.35%	45361	12592	27.76%	26,566	58.57%	27.25%	4.80%	2.73%	34.78%	64.27%	1
165	58747	-1.28%	47382	21620	45.63%	21,089	44.51%	55.42%	2.77%	1.07%	59.26%	39.61%	1
166	60391	1.48%	49311	5197	10.54%	39,002	79.09%	10.98%	2.92%	2.90%	16.80%	82.62%	1
167	59467	-0.07%	44901	9385	20.90%	30,674	68.31%	24.06%	3.54%	0.83%	28.44%	70.51%	1
168	59770	0.44%	43539	20902	48.01%	15,893	36.50%	46.31%	11.58%	2.03%	59.92%	38.18%	1
169	59925	0.70%	45421	1798	3.96%	38,876	85.59%	2.53%	2.42%	0.88%	5.83%	93.29%	1
170	59423	-0.15%	45091	8842	19.61%	31,424	69.69%	18.27%	3.75%	1.04%	23.06%	76.67%	1
171	60381	1.46%	46194	16434	35.58%	25,712	55.66%	36.86%	2.56%	0.63%	40.04%	59.13%	0
172	59115	-0.67%	43781	12277	28.04%	24,085	55.01%	32.55%	6.73%	0.61%	39.88%	59.28%	1
173	60277	1.29%	46589	12839	27.56%	30,321	65.08%	27.32%	2.41%	0.62%	30.35%	68.75%	2
174	59569	0.10%	45564	10033	22.02%	31,381	68.87%	21.69%	2.09%	0.78%	24.56%	74.80%	1
175	60326	1.37%	44932	9409	20.94%	30,669	68.26%	20.09%	5.81%	0.92%	26.83%	71.60%	1
176	60139	1.06%	45709	11769	25.75%	28,225	61.75%	27.76%	5.20%	0.43%	33.39%	65.75%	1
177	59888	0.63%	45493	23477	51.61%	17,877	39.30%	50.02%	3.47%	1.87%	55.36%	44.57%	1
178	60261	1.26%	45780	7164	15.65%	34,933	76.31%	16.83%	3.21%	0.38%	20.42%	79.21%	1
179	59502	-0.02%	47468	12476	26.28%	30,835	64.96%	27.36%	2.91%	1.63%	31.90%	67.38%	1
180	60160	1.09%	45771	8338	18.22%	32,584	71.19%	19.63%	4.76%	1.59%	25.98%	72.79%	1
Total 2020 Pop.	**10,711,908**	**2.96%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**						
Majority Districts					**54**	**101**		**54**			**69**	**111**	

EXHIBIT A
Part 4

EXHIBIT AA

034
21.3%
037
31.5%
041
35.4%
Macland
50
.3%
Powder Springs
038
51.5%
Mill Creek Lk
Cindys Lk
Floyd
278
Clarkdale
039
51.2%
Austell
Perkerson Lk
Mableton
Illustrative House
0
.75
1.5
Miles
District by BVAP
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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
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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
Tatum Lk
Chattahoochee Riv
Wildwood Lk
FULTON
Lk Palmyra
060
57
District by BVAP
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COBB
041
35.4%
Mableton
039
51.2%
040
65.6%
054
16.3%
055
52.6%
056
52.8%
057
56.7%
058
17.0%
059
55.9%
060
76.9%
061
72.2%
062
90.5%
082
18.2%
083
56.2%
Druid Hills
DEKALB
089
54.0%
Atlanta
FULTON
285
75
20
400
85
154
166
©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%
Five Points
Inman Park
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
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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
Constitution
Constitution Lk
FULTON
Reservoir
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
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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
Illustrative House
0 .75 1.5
Miles
District by BVAP
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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
HENRY
072
9.5%
Peachtree City
COWETA
©2019 CALIPER; ©2018 HERE
Illustrative House
0 1.5 3
Miles
District by BVAP

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
070
9.9%
072
9.5%
073
60.6%
©2019 CALIPER; ©2018 HERE
Illustrative House
0
1.5
3
Miles
District by BVAP

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

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%
Fayetteville
064
64.8%
Bonanza
19
CLAYTON
Lovejoy
109
55.9%
75
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%
16
130
15.5%
©2019 CALIPER; ©2018 HERE
41
Griffin
East Griffin
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%
075
68.0%
078
55.1%
109
55.9%
073
60.6%
063
66.1%
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
Illustrative House
0
1
2
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

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
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
75.0%
North Decatur
Scottdale
Druid Hills
Decatur
Avondale Estates
Belvedere Park
Atlanta
FULTON
Candler-McAfee
DEKALB
Panthersville
Hapeville
Illustrative House
0 1 2
Miles
District by BVAP
©2019 CALIPER; ©2018 HERE

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
Decatur
092
©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%
285
North Decatur
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
091
District by BVAP
©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%
113
56.9%
Stockbridge
NEWTON
Jonesboro
109
55.9%
HENRY
073
60.6%
129
21.1%
©2019 CALIPER; ©2018 HERE
Illustrative House
0
1.5
3
Miles
District by BVAP

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
NEWTON
112
Illustrative House
0
1
2
Miles
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
©2019 CALIPER; ©2018 HERE
Illustrative House
0 1.5 3
Miles
District by BVAP

090
75.0%
109
55.9%
McDonough
75
111
55.8%
Blacksville
129
21.1%
Hampton
073
60.6%
HENRY
Locust Grove
Sunny Side
Heron Bay
110
52.4%
19
SPALDING
75
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
©2019 CALIPER; ©2018 HERE
Illustrative House
0 1.5 3
Miles
District by BVAP

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
Illustrative House
0
2.5
5
Miles
125
58.6%
126
53.3%
JEFFERSON
Gibson
Keysville
©2019 CALIPER; ©2018 HERE
District by BVAP

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
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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
142
62.9%
BIBB
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%
MORGAN
Madison
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%
BALDWIN
Milledgeville
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
158
28.7%
EMANUEL
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
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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
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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%
116
58.1%
115
52.1%
075
74.4%
078
71.6%
068
55.7%
069
63.6%
073
12.1%
070
7.8%
136
28.7%
074
25.5%
134
33.6%
117
36.6%
118
23.6
FULTON
CLAYTON
HENRY
FAYETTE
COWETA
SPALDING
BUTTS
ROCKDALE
Union City
Fairburn
Morrow
Stockbridge
Palmetto
Jonesboro
Tyrone
Bonanza
Fayetteville
Lovejoy
McDonough
Blacksville
Peachtree City
Hampton
Woolsey
Sharpsburg
Turin
Sunny Side
Heron Bay
Locust Grove
Senoia
Brooks
Experiment
Griffin
East Griffin
Haralson
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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
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EXHIBIT AD-1

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

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
Grovetown
Augusta
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%
Macon
142 59.5%
143 60.8%
WILKINSON
149 32.1%
BIBB
TWIGGS
JOHNSON
155 35.9%
EMANUEL
158 31.2%
Swainsboro
JENKINS
Millen
159 24.5%
BULLOCH
147 30.1%
Warner Robins
LAURENS
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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
155
29.0%
BEN HILL
Fitzgerald
IRWIN
CLAY
CALHOUN
234
Albany
DOUGHERTY
62
154
61.0%
216
Putney
Sylvester
WORTH
TIFT
Tifton
COFFEE
176
25.7%
172
28.0%
82
Blakely
BAKER
EARLY
153
58.0%
Camilla
COLQUITT
Moultrie
170
19.6%
RIEN
Nashville
MILLER
MITCHELL
Pelham
Adel
COOK
75
319
Donalsonville
171
35.6%
19
SEMINOLE
DECATUR
Bainbridge
GRADY
Cairo
THOMAS
BROOKS
84
35
27
Thomasville
173
27.6%
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Georgia House
Illustrative
0
7.5
15
Miles
District by BVAP

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:

County	38

Number of splits involving no population:

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

Ga_House_Illustrative_Plan

	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

Ga_House_Illustrative_Plan

	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

	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

Enacted House B-V-C

	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

District	Reock	Polsby-Popper
	Higher Number is Better	Lower Number is Better
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