EXHIBIT B

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

ALPHA PHI ALPHA FRATERNITY INC., *et al.*, *Plaintiffs*, v. BRAD RAFFENSPERGER, *Defendant*.	CIVIL ACTION FILE NO. 1:21-CV-05337-SCJ

EXPERT REPORT OF JOHN B. MORGAN

Pursuant to 28 U.S.C. § 1746, Fed. R. Civ. P. 26, and F.R.E. 702 and 703, I, JOHN B. MORGAN, make the following declaration:

1. My name is John B. Morgan. I am over the age of 21 years, and I am under no legal disability which would prevent me from giving this declaration. If called to testify, I would testify under oath to these facts.

2. I hold a B.A. in History from the University of Chicago. As detailed in my CV, attached as Exhibit 1, I have extensive experience over many years in the field of redistricting. I have worked on redistricting plans in the redistricting efforts following the 1990 Census, the 2000 Census, the 2010 Census and the 2020 Census. I have testified as an expert witness in demographics and redistricting.

3. I am being compensated at a rate of $325 per hour for my services in this case.

4. The redistricting geographic information system (GIS) software package used for this analysis is Maptitude for Redistricting 2021 from Caliper Corporation. The redistricting software was loaded with the census PL94-171 data from the Census Bureau and the census geography for Georgia. I was also provided with election data files used by the Georgia General Assembly during the redistricting process. The full suite of census geography was available, including counties, places, voting districts, water bodies, and roads, as well as census blocks, which are the lowest level of geography for which the Census Bureau reports population counts. Census blocks are generally bounded by visible features, such as roads, streams, and railroads and they can range in size from a city block in urban and suburban areas to many square miles in rural areas.

5. I have been asked to review the House of Representatives and State Senate plans considered and adopted by the Georgia General Assembly and compare them to the proposed House and Senate plans drawn by Mr. Cooper and offer opinions regarding my analysis.

6. As a result of this analysis my opinion is that the Cooper 1205 Senate and House plans are focused on race, prioritizing race to the detriment of traditional redistricting factors.

Data utilized for analysis

7. Two House and two Senate plan were submitted for a preliminary injunction hearing, earlier in this case (I am designating these as PI1 and PI2 plans). Mr. Cooper submitted an additional House and Senate plan in his expert report in this case on December 5, 2022 (I am designating these as 1205 plans).

8. In preparing this analysis, I was given the block-equivalency files of the Cooper plans as well as the block-equivalency files of the 2021 adopted plans and incumbent databases used by the Georgia General Assembly during the redistricting process. The incumbent databases list the address locations and districts of the Representatives and Senators serving under the existing House (2015-enacted) and Senate (2014-enacted) plans prior to the election of 2022. I was also given information on incumbents who were not intending to run for re-election to their current offices in 2022.

9. I loaded the 2021 House and 2021 Senate plans enacted by the Georgia General Assembly into the Maptitude for Redistricting software using the block-equivalency files provided. I loaded the Cooper PI1 and PI 2 House and Senate

plans and the 1205 Cooper House and Senate plans into the Maptitude for Redistricting software using the block-equivalency files provided. I loaded the prior House (2015-enacted) and Senate (2014-enacted) plans into the Maptitude for Redistricting software using files provided with software. I loaded the associated incumbent databases provided.

10. Using the Maptitude for Redistricting software, I ran seven reports for each 1205 Cooper plan:

1- Measures of compactness report,

2- Districts & incumbents report,

3- Population summary report,

4- Political subdivision splits report,

5- Plan component report,

6- Core constituency report compared to PI2 plan,

7- Core constituency report compared to Enacted 2021 plan.

11. Each report is included in the exhibits to this report as Exhibits 2-15. I previously created these reports for the enacted plans that are included in my December 5, 2022 expert report. I also created population summary reports for the PI plans.

12. I also created a series of maps comparing the 1205 plans and the enacted plans. These maps show a theme of AP-Black % on the voting districts and overlays of selected districts in the enacted plans and the 1205 plans for comparison. Each of these Senate maps us included in the exhibits of this report as Exhibits 16-40 and each of these House maps is included as Exhibits 41-62.

State Senate Plan Analysis

13. Using the Population summary reports, I tallied the number of majority-Black districts using any-part Black voting age population (18+ AP-Black) for each Senate plan. The chart below shows the total number of majority-Black districts in the 2021 adopted Senate plan, the Cooper 1205 Senate plan and the Cooper PI2 Senate plan, as well as the number of districts in the percentage ranges using the any-part Black voting age population.

Chart 1: Number of Majority-Black Senate Districts

Majority-Black Senate Districts			
% AP Black VAP	**2021 Adopted Plan**	**APA Cooper Illustrative 1205**	**APA Cooper Illustrative2 PI**
Over 75%	0	1	1
70% to 75%	3	0	0
65% to 70%	3	1	1
60% to 65%	3	4	2
55% to 60%	3	3	3
52% to 55%	1	4	4
50% to 52%	1	5	8
Total # Districts	14	18	19

14. The 2021 adopted Senate plan includes 14 majority-Black districts, the Cooper 1205 Senate plan includes 18 majority-Black districts, and the Cooper PI2 Senate plan has 19 majority-Black districts.

15. The Core Constituency report comparing the Cooper Senate 1205 plan to the Cooper Senate PI2 plan (Ex. 7) shows that there are changes affecting many districts. The Senate plan drafted by Mr. Cooper (1205) has only one district (SD10) that is exactly the same as the plan submitted previously for the preliminary injunction hearing in this case (Cooper PI2). Including SD10, there are 17 districts that share over 90% of the same territory as a district in the Cooper PI2 plan and 27 districts that share over 80% the same territory as a district in the Cooper PI2 plan.

There are many differences between the Cooper 1205 Senate plan and the Cooper PI2 Senate plan – with all the changes, one result is that the new Cooper 1205 Senate plan has one less majority-Black district than the PI2 plan.

16. Looking more closely at the Cooper 1205 Senate plan, below is a chart that summarizes top-line statistics about the plan and compares them to the enacted plan.

Chart 2: Cooper 1205 Senate and Enacted Senate Plan comparisons

Plan metrics	**Cooper Senate 1205**	**Enacted Senate**
County splits	28	29
Voting precinct splits	43	47
Mean compactness - Reock	0.43	0.42
Mean compactness - Polsby Popper	0.28	0.29
# Paired incumbents	6	4
# Seats majority 18+_AP_Blk%	18	14
Deviation relative range	-1.00% to 1.00%	-1.03% to +0.98%
Deviation overall range	2.01%	2.01%

17. The changes from the Cooper PI2 plan to the Cooper 1205 Senate plan appears to align the 1205 Senate plan more closely to the enacted Senate plan than to the Cooper PI2 plan. In addition to the overall plan metrics in the chart above,

the Core constituency report (Ex. 8) shows that the Cooper 1205 Senate plan has 21 districts that are exactly the same as the enacted Senate plan.

18. The Cooper 1205 Senate plan has 35 of 56 districts drawn differently, but still has mean compactness scores close to the enacted plan, with the mean compactness score on the Reock test higher and the mean compactness score on the Polsby-Popper test lower. The Cooper 1205 Senate plan changes 35 districts to create four new Black-majority Senate districts.

19. Below is a map showing the Metro region with a theme of AP-Black % on the voting districts, as well as maps of four districts in the Enacted Senate plan and four districts in the Cooper 1205 Senate plan.

20. Voting districts themed in red have an AP-Black % of greater than 65% and voting districts themed in yellow have an AP-Black % of 50% to 65%. Voting districts themed in green have an AP-Black % of 35% to 50%; light blue have an AP-Black % of 20% to 35%; and darker blue have an AP-Black % of less than 20%.

21. Looking at four districts in the Metro area south of Atlanta, Senate District 10 in the enacted plan is anchored in heavily Black southern DeKalb County (Stonecrest area) and follows the western boundary of Henry County down to its southern border with Spalding County. This district has a Reock compactness score of 0.28 and a Polsby-Popper compactness score of 0.23 and the district is 71.46% 18+AP Black. It is comprised of parts of two counties and measures 25 miles from north to south.

22. Senate District 44 in the enacted plan is anchored in heavily Black southern DeKalb County (Gresham Park area) and follows the eastern boundary of Clayton County including its southern "tail." This district has a Reock compactness score of 0.18 and a Polsby-Popper compactness score of 0.19 and the district is 71.3% 18+AP Black. It is comprised of parts of two counties and measures 20 miles from north to south.

23. Senate District 34 in the enacted plan is anchored in heavily Black northern Clayton County and combines with the northern portion of Fayette County and one voting precinct in Clayton County. This district has a Reock compactness score of 0.45 and a Polsby-Popper compactness score of 0.34 and the district is 69.5% 18+AP Black. It is comprised of parts of three counties and measures 15 miles from north to south.

24. Senate District 16 in the enacted plan is an ex-urban district that takes the balance of Fayette County and combines it with the whole counties of Spalding, Pike and Lamar to the south. This district has a Reock compactness score of 0.37 and a Polsby-Popper compactness score of 0.31 and the district is 22.7% 18+AP Black. It is comprised of three whole counties as well as part of one county and measures 50 miles from north to south.

25. By contrast, the Cooper 1205 Senate plan strategically cuts Clayton County in three places to connect heavier concentration of Black voters with whiter, more ex-urban population. The construction of Cooper 1205 SD 16 is anchored in heavily Black northern Clayton County, strategically avoids the Black population in the "tail" of southern Clayton County and stretches through Henry County to pick up predominantly white portions of Spalding County. This district has a Reock compactness score of 0.26, a Polsby-Popper compactness score of 0.19 and the

district is 56.5% 18+AP Black. It is comprised of parts of three counties and measures 34 miles from north to south.

26. The construction of Cooper 1205 SD 10 is anchored in heavily Black southern DeKalb County, (Gresham Park area) and combines with northern Henry County. This district has a Reock compactness score of 0.32, a Polsby-Popper compactness score of 0.25 and the district is 69.8% 18+AP Black. It is comprised of parts of two counties and measures 22 miles from north to south.

27. The construction of Cooper 1205 SD 34 combines heavily Black Fulton County with heavily Black northern Clayton County. This district has a Reock compactness score of 0.56, a Polsby-Popper compactness score of 0.4 and the district is 77.8% 18+AP Black. It is comprised of parts of two counties and measures 10 miles from north to south.

28. The construction of Cooper 1205 SD 28 combines heavily Black tail of southern Clayton County with part of Fayette County and part of Spalding County. The Cooper 1205 Senate plan strategically utilizes the Black population in these three counties in SD 28. Below is a summary chart of the Plan Component Report (appendix) in this area.

Chart 3: Cooper 1205– SDs 34, 16, 28, 39 – plan components

COUNTY		District 034 Total Pop.	AP_Blk	District 016 Total Pop.	AP_Blk	District 028 Total Pop.	AP_Blk	District 039 Total Pop.	AP_Blk
Clayton	Total:	139632	100,905	84393	58,581	73570	56,865		
			72.3%		69.4%		77.3%		
	Voting Age	102302	73,720	63302	43,544	54974	41,590		
			72.1%		68.8%		75.7%		
Fayette	Total:					74742	27,910	44452	4,166
							37.3%		9.4%
	Voting Age					58345	20,819	33453	2,909
							35.7%		8.7%
Spalding	Total:			25726	7,534	41580	16,988		
					29.3%		40.9%		
	Voting Age			20366	5,466	31757	12,045		
					26.8%		37.9%		
Fulton	Total:	52788	49,181						
			93.2%						
	Voting Age	39253	36,464						
			92.9%						
Coweta	Total:							146158	28,289
									19.4%
	Voting Age							111155	20,196
									18.2%
Henry	Total:			79973	44,877				
					56.1%				
	Voting Age			59467	31,887				
					53.6%				
	DISTRICT TOTALS	District 034		District 016		District 028		District 039	
		192420	150,086	190092	110,992	189892	101,763	190610	32,455
			78.0%		58.4%		53.6%		17.0%
		141555	110,184	143135	80,897	145076	74,454	144608	23,105
			77.8%		56.5%		51.3%		16.0%

29. The Plan Component Report (Ex. 6) shows the Spalding County portion of Cooper 1205 SD 28 has a population of 41,580 and is 38% 18+ AP-Black. The balance of Fayette County portion of SD 39 has a population of 44,452 and is 8.7% is 18+ AP-Black. Replacing the Spalding County portion of SD 28 with the balance of Fayette County would make Fayette County whole but would drop the 18+ AP-

Black below 50% to 44.5% 18+ AP-Black. The construction of Cooper 1205 Senate District 28 strategically bypasses Peachtree City in Fayette County, to ensure that the district remains slightly above 50% AP Black. SD 28 instead splits off Peachtree City in Fayette County to make room to include most of the Black population in Spalding County into SD 28, which is necessary to reach the 50% 18+ AP-Black. Cooper 1205 SD 28 has a Reock compactness score of 0.37, a Polsby-Popper compactness score of 0.18 and the district is 51.3% 18+AP Black. It is comprised of parts of three counties and measures 24 miles from north to south.

30. Looking at specific districts (as above) demonstrates the racial focus of the Cooper 1205 plan in this area. The Black percentage is lowered only by elongating the district to include lower concentrations of Black population. This allows the Black population to be redistributed and to create other majority Black districts.

31. Below is a map showing Augusta and the East Central region with a theme of AP-Black % on the counties. The map shows that Richmond County (Augusta) has a majority of AP-Black population. At over 200,000 in population, Richmond County has more than enough population for a Senate district. The map also shows some majority AP-Black population counties, which are not very

populous, to the west of Augusta – Washington, Jefferson, Hancock, Warren and Taliaferro.

32. A similarly themed map on the voting districts shows concentrations of Black population in the region.

33. Senate District 22 in the enacted plan is drawn entirely within Richmond County. Enacted Senate District 22 has a Reock compactness score of 0.41 and a Polsby-Popper compactness score of 0.29 and the district is 56.5% 18+AP Black. In the enacted plan, the balance of Richmond County is placed in Senate District 23 along with a portion of Columbia County and nine whole counties. Enacted Senate District 23 has a Reock compactness score of 0.37 and a Polsby-Popper compactness score of 0.16 and the district is 35.48% 18+AP Black.

34. In order to change the racial makeup of Senate Districts 22 and 23, the Cooper 1205 Senate plan pushes part of SD 22 out of Richmond County into McDuffie, Warren and Glascock counties, taking in their combined 40% Black population, which is relatively high in that area. The plan strategically utilizes the Black population in those counties, selecting higher concentration AP-Black population in order to keep SD 22 above 50% 18+AP Black population. By moving

SD 22 into in those counties, stronger concentrations of Black population in Richmond County can be transferred into Senate District 23.

35. The construction of Senate District 23 in the Cooper 1205 Senate plan splits Wilkes County, taking substantially Black population into the district, and excluding the predominantly white population (Ex. 6.) Senate District 23 connects separate enclaves of Black population, including Milledgeville in Baldwin County,

which measures more than 100 miles away from the eastern part of the district in Augusta.

36. The chart below compares the split counties in both the Enacted Senate and Cooper 1205 Senate plans as well as some demographic data for those counties. The enacted Senate plan splits 29 counties and the Cooper 1205 Senate plan splits 28 counties. Both plans split the same 24 counties.

Chart 4: County splits Enacted Sen vs Cooper Sen 1205

County	Population	AP Blk	AP Blk %	18+ Pop	18+ AP Blk	18+ AP Blk %	Split in Enacted Sen	Split in Cooper Sen 1205
Barrow	83,505	11,907	14.3%	62,195	8,222	13.2%	X	X
Bartow	108,901	13,395	12.3%	83,570	9,377	11.2%	X	X
Bibb	157,346	88,865	56.5%	120,902	64,270	53.2%	X	X
Chatham	295,291	115,458	39.1%	234,715	85,178	36.3%	X	X
Cherokee	266,620	21,687	8.1%	202,928	14,976	7.4%	X	X
Clayton	297,595	216,351	72.7%	220,578	158,854	72.0%	X	X
Cobb	766,149	223,116	29.1%	591,848	166,141	28.1%	X	X
DeKalb	764,382	407,451	53.3%	595,276	314,230	52.8%	X	X
Douglas	144,237	74,260	51.5%	108,428	53,377	49.2%	X	X
Fayette	119,194	32,076	26.9%	91,798	23,728	25.8%	X	X
Floyd	98,584	15,606	15.8%	76,295	11,064	14.5%	X	X
Forsyth	251,283	13,222	5.3%	181,193	8,751	4.8%	X	X
Fulton	1,066,710	477,624	44.8%	847,182	368,635	43.5%	X	X
Gordon	57,544	2,919	5.1%	43,500	1,939	4.5%	X	X
Gwinnett	957,062	287,687	30.1%	709,484	202,762	28.6%	X	X
Hall	203,136	17,006	8.4%	153,844	12,094	7.9%	X	X
Henry	240,712	125,211	52.0%	179,973	89,657	49.8%	X	X
Houston	163,633	56,520	34.5%	122,118	39,605	32.4%	X	X
Muscogee	206,922	102,212	49.4%	157,052	74,301	47.3%	X	X
Paulding	168,661	41,296	24.5%	123,998	28,164	22.7%	X	X
Richmond	206,607	119,970	58.1%	160,899	87,930	54.6%	X	X
Walton	96,673	18,804	19.5%	73,098	13,165	18.0%	X	X

County	Population	AP Blk	AP Blk %	18+ Pop	18+ AP Blk	18+ AP Blk %	Split in Enacted Sen	Split in Cooper Sen 1205
Ware	36,251	11,421	31.5%	27,788	8,226	29.6%	X	X
White	28,003	721	2.6%	22,482	484	2.2%	X	X
Clarke	128,671	33,672	26.2%	106,830	24,776	23.2%	X	
Coffee	43,092	12,575	29.2%	32,419	9,191	28.4%	X	
Columbia	156,010	32,516	20.8%	114,823	22,273	19.4%	X	
Jackson	75,907	6,148	8.1%	56,451	4,268	7.6%	X	
Newton	112,483	55,901	49.7%	84,748	40,433	47.7%	X	
Monroe	27,957	6,444	23.0%	21,913	5,068	23.1%		X
Rockdale	93,570	57,204	61.1%	71,503	41,935	58.6%		X
Spalding	67,306	24,522	36.4%	52,123	17,511	33.6%		X
Wilkes	9,565	3,989	41.7%	7,651	3,071	40.1%		X
TOTAL							**29**	**28**

37. In comparison to the Enacted Senate plan, the Cooper 1205 Senate plan makes five counties whole (Clarke, Coffee, Columbia, Jackson, and Newton counties) and introduces four new county splits (Monroe, Rockdale, Spalding, and Wilkes counties).

38. The four new county splits are attributable to the effort to create new Black majority seats in the Cooper 1205 Senate plan. The Plan Component report in the (Ex. 6) shows the population and select demographic data for each county portion in a district. While Newton County is made whole in the Cooper 1205 Senate plan, it is then necessary to split Rockdale County to allow Cooper 1205 SD 17 to transit through Rockdale County to connect to population in Henry County. Spalding County is split such that the two-thirds of the 18+ AP-Black population in

Spalding County is placed in Cooper 1205 SD 28, keeping the % 18+ AP-Black population above 50%. Monroe County is split as a result of taking Baldwin County out of the principal district in the area (Enacted SD 25 / Cooper 1205 SD 44). While Columbia County is made whole in the Cooper 1205 Senate plan, Wilkes County is split such that the portion in Cooper 1205 SD 23 is 70% 18+ AP-Black and the portion out of Cooper 1205 SD 23 is 25% 18+ AP-Black, a move that significantly contributes to keeping district barely above 50% 18+ AP-Black.

39. In the Cooper 1205 Senate plan, adjustments are made to the district boundaries to unsplit counties in areas of the state with less minority population to keep the total number of splits similar to the enacted Senate plan.

40. Based on my analysis of the Cooper 1205 Senate plan, the impact of engineering more majority Black districts can be seen in the overall plan metrics and the differences from the enacted plan.

41. Further, my analysis of the traditional redistricting factors – maintaining communities and traditional boundaries, compactness, and deviation – along with the manipulation of the boundaries of the new AP-Black districts, supports my opinion that the Cooper 1205 Senate plan is focused on race, prioritizing race to the detriment of traditional redistricting factors.

State House Plan Analysis

42. Using the Population summary reports, I tallied the number of majority-Black districts using any-part Black voting age population for each House plan. The chart below shows the total number of majority-Black districts in the 2021 adopted House plan, the Cooper 1205 House plan and the Cooper PI2 House plan, as well as the number of districts in the percentage ranges using the any-part Black voting age population.

Chart 5: Number of Majority-Black House Districts

Majority-Black House Districts			
% AP Black VAP	**2021 Adopted Plan**	**APA Cooper Illustrative 1205**	**Cooper Illustrative2 PI**
Over 75%	2	1	5
70% to 75%	9	7	4
65% to 70%	7	8	5
60% to 65%	8	9	7
55% to 60%	11	12	15
52% to 55%	10	13	5
50% to 52%	2	4	13
Total # Districts	49	54	54

43. The 2021 adopted House plan includes 49 majority-Black districts, the Cooper 1205 House plan includes 54 majority-Black districts, and the Cooper PI2 House plan has 54 majority-Black districts.

44. The Core Constituency report comparing the Cooper House 1205 plan to the Cooper House PI2 plan (Ex. 14) shows that there are changes affecting many districts. The House plan drafted by Mr. Cooper (1205) has only two districts (HD 003 and HD 154) out of 180 that are exactly the same as the plan submitted previously for the preliminary injunction hearing in this case (Cooper House PI2). Including HD 003 and HD 154, there are only 16 out of 180 districts that share over 90% of the same territory as a district in the Cooper PI2 House plan and only 32 districts out of 180 that share over 80% of the same territory as a district in the Cooper PI2 House plan. There are many differences between the Cooper 1205 House plan and the Cooper PI2 House plan – but even with all the changes, one result is that the stays the same – the new Cooper 1205 House plan has the same number of majority-Black districts as the Cooper PI2 House plan.

45. Looking more closely at the Cooper 1205 House plan, below is a chart that summarizes top-line statistics about the plan and compares them to the enacted plan.

Chart 6: Cooper 1205 House and Enacted House Plan comparisons

Plan metrics	**Cooper House 1205**	**Enacted House**
County splits	68	69
Voting precinct splits	193	184
Mean compactness - Reock	0.39	0.39
Mean compactness - Polsby Popper	0.27	0.28
# Paired incumbents	25	20
# Seats majority 18+_AP_Blk%	54	49
Deviation relative range	-1.49% to 1.49%	-1.40% to 1.34%
Deviation overall range	2.98%	2.74%

46. The Cooper 1205 House plan uses a deviation range that is slightly larger in range than the 2021 Enacted House plan.

47. The mean compactness scores on the Cooper 1205 House plan and the 2021 enacted House plan are similar. The Cooper 1205 House plan changes 93 districts from the enacted plan to create five new Black-majority house districts. The chart below shows the compactness scores of the newly created majority-Black districts which Mr. Cooper identified in his report and the compactness scores of the corresponding district number in the 2021 adopted plans.

Chart 7: Compactness score summary

New Black-Majority District	Enacted Plan Reock	Cooper 1205 Plan Reock	Enacted Plan Polsby-Popper	Cooper 1205Plan Polsby-Popper
House 74	0.5	**0.63**	0.25	**0.36**
House 117	0.41	0.41	**0.28**	0.26
House 133	**0.55**	0.26	**0.42**	0.2
House 145	**0.38**	0.25	0.19	**0.22**
House 171	**0.35**	0.28	**0.37**	0.2

48. Below is a map showing the Metro region with a theme of AP-Black % on the voting districts, as well as maps of a group of house districts in the Enacted House and the Cooper 1205 House plan.

49. As shown in the Senate plan analysis, the voting districts themed in red have an AP-Black % of greater than 65% and voting districts themed in yellow have an AP-Black % of 50% to 65%. Voting districts themed in green have an AP-Black % of 35% to 50%; light blue have an AP-Black % of 20% to 35%; and darker blue have an AP-Black % of less than 20%.

50. Looking at specific districts will show that the compactness of the districts is impacted by the efforts to create more majority Black districts. The Black

percentage is lowered only by elongating the district to include lower concentrations of Black population. This allows the Black population to be redistributed and to create other majority Black districts.

51. In the enacted House plan, House District 77 is entirely within Clayton County, in the heavily Black northern part of the county. Enacted House District 69 is anchored in heavily Black southern Fulton County and includes northeast and central Fayette County, which the Plan Component Report (Ex. 13) shows is 47% 18+ AP-Black. Enacted House District 73 is centered on Peachtree City in Fayette County and includes part of Coweta County to the west.

52. Enacted House District 74 is comprised of southern Fayette County, eastern Spalding and two voting precincts of Henry County.

53. In the Cooper 1205 House plan, the engineering of a new majority Black district is accomplished by elongating the districts to connect to Clayton and Fulton counties to more white areas of Fayette and Spalding Counties.

54. Cooper 1205 House District 69 is anchored in heavily Black southern Fulton County and follows a narrow path through central Fayette County to Peachtree City, which the Plan Component Report (Ex. 13) shows is only 34% 18+ AP-Black. By elongating the district and connecting with more distant white population, the 18+ AP-Black is lowered, and Black population can be strategically used in districts elsewhere. Cooper 1205 House District 77 takes a similar narrow path through Fayette County, connecting the predominantly white population which

the Plan Component Report (Ex. 13) shows is only 36% 18+ AP-Black to heavily Black Clayton County. These two elongated districts absorb white population and displace the area of enacted HD 74. The Cooper 1205 District 74 takes the "tail" of heavily Black southern Clayton County combining it with two Henry County voting precincts and two Spalding County voting precincts.

55. The data in the chart below shows that the configuration of these four districts in the Cooper House plan lowers the mean compactness score as compared with the configuration of the districts in the Enacted House plan.

Chart 8: Compactness scores in four House districts

District	Enacted House				Cooper House 1205			
	% Devn.	Reock	Polsby-Popper	% 18+ AP Blk	% Devn.	Reock	Polsby-Popper	% 18+ AP Blk
069	-1.39	0.23	0.17	63.56%	1.49	0.4	0.25	54.97%
073	0.88	0.27	0.18	12.11%	1.14	0.28	0.2	11.29%
074	-0.93	0.63	0.36	25.52%	0.78	0.5	0.25	61.49%
077	-0.45	0.19	0.18	76.13%	-1.29	0.4	0.21	66.26%
Mean Compactness		0.40	0.23			0.33	0.22	

56. Spalding County has a population of 67,306 and is 33.6% 18+ AP-Black. The population of Spalding County is about 13% more than the population of a House district (59,511). The 18+ AP-Black population is not sufficiently numerous to create district that is over 50% 18+ AP-Black within Spalding County.

The Plan Component report (Ex. 13) shows that in the Cooper 1205 House plan splits Spalding County such that the high concentrations of Black population is included in HD 117, and predominantly white population is excluded from HD 117. Having separated the Black population in Griffin from the rest of Spalding County, the district then connects to two populous majority-Black voting precincts in Henry County to yield a district that is 54.64% 18+ AP-Black.

57. Below is a map showing Augusta and the East Central region with a theme of AP-Black % on the voting districts.

58. Looking at the ten districts in this region, the enacted plan has five majority 18+AP Black districts in this region. Two majority-Black districts (HDs 129 and 130) are entirely within Richmond County. Two additional majority-Black districts are HD 132, which includes all of Jefferson County as well as a portion of Richmond County and HD 126, which includes all of Jenkins and Burke counties as well as a portion of Richmond County. The fifth majority-Black district in the enacted plan in this region is HD128, which includes all of Washington, Hancock,

Warren and Glascock counties as well as portions of McDuffie and Baldwin counties.

59. In order to create an additional majority 18+AP-Black district in this area, the Cooper 1205 House plan fractures seven rural counties: Screven, Burke, Jefferson, Johnson, Laurens, Oglethorpe and Wilkes. In the Cooper 1205 plan, HD 126 is anchored in heavily Black areas of Richmond County then combines all of Glascock County with fragments of Jefferson, Burke and Screven counties. District

126 has four split counties, which is the highest number split counties in a single district in the Cooper 1205 House plan. The Plan Component report (Ex. 13) shows that Screven County is split such that the high concentrations of Black population is included in HD126, and predominantly white population is excluded. By including the additional Black population from the Screven County fragment, HD 126 can split off Black population from Burke and Jefferson counties to use those fragments in another district.

60. The Cooper 1205 House plan breaks apart the established majority-Black HD 128 in the enacted plan. The Cooper 1205 House plan strategically utilizes the Black population in the split county fragments of Burke, Jefferson, and Johnson, spinning one district (HD 128) to the south to pick-up Black population from Dublin out of Laurens County. The resulting new HD 128 has four split counties, which is the highest number of split counties in a single district in the Cooper 1205 plan.

61. Another district (HD 133) sprawls to the north to pick-up Black population from Milledgeville out of Baldwin County and connect it to another split county, Wilkes County, which makes the district stretch 90 miles from South to North. The Plan Component Report (Ex. 13) shows that Wilkes County is split such that the Black population is sorted into HD 133 and the white population is sorted into HD 123. Introducing the split of Wilkes County in HD 133, makes adjacent HD 123 also split another county, Oglethorpe County. By introducing two new county splits into HD123, it also has four split counties, the highest of number split counties in the Cooper 1205 plan. (The only other district in the Cooper 1205 plan to have four split counties is HD 002 in Northwest Georgia.)

62. In the Cooper 1205 plan, HD 133 has the most split voting precincts of any district in the plan, at nine split voting precincts. The split voting precincts in

Baldwin County sort the population along racial lines, such that higher concentrations of Black population are included in HD 133 and lower concentrations are outside the district.

63. Below is a map showing Southwest Georgia region with a theme of AP-Black % on the voting districts.

64. Of the six districts in this region, the enacted plan has two majority 18+AP Black districts. One district is entirely within Dougherty County. Another combines part of Dougherty County with eight whole counties to the west, including three counties which are majority-18+AP Black and three more which are over 40% 18+AP Black.

65. In order to create an additional majority 18+AP-Black district in the Southwest region, the Cooper 1205 House plan splits Colquitt and Lee counties and

strategically utilizes Black population in Albany to connect to distant enclaves of additional Black population, such as Thomasville in Thomas County.

66. Thomas County has a population of 45,798 and is 35.2% 18+ AP-Black. Thomas County up about three-quarters of a House district (ideal HD = 59,511). The 18+ AP-Black population is not sufficiently numerous to create district that is over 50% 18+ AP-Black that includes all of Thomas County. Combining

Thomas County with additional adjacent population will not yield a majority Black district. The Plan Component Report (Ex. 13) shows that the Cooper 1205 plan splits Thomas County, separating the Black population from the white population, assigning the Black population to HD 171. This district 171 then connects over 50 miles north to combine with the Black population from Albany in Dougherty County.

67. As the above analysis demonstrates, the compactness of the districts is impacted by the efforts to create more majority Black districts. The Black percentage is lowered only by elongating the district to include lower concentrations of Black population. This allows the Black population to be redistributed and to create other majority Black districts.

68. Below is a map showing the Northwest Georgia region with a theme of AP-Black % on the voting districts, as well as maps of a group of 10 house districts (1-6, and 12-15) in the Enacted House and the Cooper 1205 House plan.

69. The map shows that this geographic area has very little Black population.

70. In the both the enacted House plan and the Cooper 1205 House plan, Districts 1-6 and 12-15 are in Northwest Georgia comprised of Dade, Walker, Catoosa, Whitfield, Murray, Chattooga, Floyd, Gordon, and Bartow counties as well as three voting precincts of Cherokee County. In the enacted plan, Gordon County

is split between HD 004 and HD 005, but Gordon County is not split in the Cooper 1205 House plan.

71. As a group, these 10 districts cover the same geographic area in both plans, but the internal district boundaries are different. The treatment of the districts in this area looks similar, but there are subtle differences.

72. The districts in the Cooper 1205 House plan are drawn in such a way that there are only three split voting precincts (including one affecting zero population) and Gordon County is made whole.

73. The Political Subdivision Splits report (Ex. 12) shows the split voting precincts in the Cooper 1205 House plan and the Enacted House plan. The chart below shows summarizes the split voting precincts in this Northwest region of 10 districts for the Enacted House plan and the Cooper 1205 House plan. The districts

in this area do not have any majority Black districts, nor do they overlap with any areas containing majority Black districts.

Chart 9: Split comparisons in Northwest Georgia

		Enacted House		Cooper House 1205	
County	**Voting District**	**District**	**Population**	**District**	**Population**
Whitfield	2A	002	3864	Not Split	
Whitfield	PLEASANT GROVE	002	6210	Not Split	
Whitfield	2A	004	1000	Not Split	
Whitfield	PLEASANT GROVE	006	2122	Not Split	
Whitfield	VARNELL	Not Split		004	7389
Whitfield	VARNELL	Not Split		006	712
Floyd	ALTO PARK	012	1576	Not Split	
Floyd	MT ALTO NORTH	012	1080	Not Split	
Floyd	ALTO PARK	013	3847	Not Split	
Floyd	MT ALTO NORTH	013	4509	Not Split	
Bartow	CASSVILLE	014	15558	014	15581
Bartow	WHITE	014	3335	014	3546
Bartow	CASSVILLE	015	1047	015	1024
Bartow	WHITE	015	211	015	0
Gordon		005	53738	Not Split	
Gordon		006	3806	Not Split	
TOTALS		6 split vtds		2 split vtds	
		0 (no pop) split vtd		1 (no pop) split vtd	
		1 split county		0 split counties	

74. The enacted House plan splits six voting precincts and one county in this region, while the Cooper 1205 House plan splits only three voting precincts and no counties in this region. Rather than draw these 10 districts the same as the enacted House plan, the Cooper 1205 House plan makes many changes in this area such that

the number of overall county and voting precinct splits is reduced. In the Cooper 1205 House plan, there is a pattern of making adjustments to the district boundaries to unsplit counties and unsplit voting precincts in areas of the state with little minority population, such that the net effect is to keep the total number of splits similar to the enacted House plan. Making these changes in areas of the state with little minority population masks the differences between the enacted plan and the Cooper 1205 plan.

75. The chart below compares the split counties in both the Enacted House and Cooper 1205 House plans as well as some demographic data for those counties. The enacted House plan splits 69 counties and the Cooper 1205 Senate plan splits 68 counties. Both plans split the same 58 counties.

Chart 10: County splits Enacted HD vs APA Cooper 1205

Name	Population	AP Blk	AP Blk %	18+ Pop	18+ AP Blk	18+ AP Blk %	Split in Enacted House	Split in Cooper House 1205
Baldwin	43,799	18,985	43.3%	35,732	14,515	40.6%	x	x
Barrow	83,505	11,907	14.3%	62,195	8,222	13.2%	x	x
Bartow	108,901	13,395	12.3%	83,570	9,377	11.2%	x	x
Bibb	157,346	88,865	56.5%	120,902	64,270	53.2%	x	x
Bryan	44,738	7,463	16.7%	31,828	5,025	15.8%	x	x
Bulloch	81,099	24,375	30.1%	64,494	18,220	28.3%	x	x
Carroll	119,148	24,618	20.7%	90,996	17,827	19.6%	x	x
Catoosa	67,872	2,642	3.9%	52,448	1,684	3.2%	x	x
Chatham	295,291	115,458	39.1%	234,715	85,178	36.3%	x	x
Cherokee	266,620	21,687	8.1%	202,928	14,976	7.4%	x	x
Clarke	128,671	33,672	26.2%	106,830	24,776	23.2%	x	x

Name	Population	AP Blk	AP Blk %	18+ Pop	18+ AP Blk	18+ AP Blk %	Split in Enacted House	Split in Cooper House 1205
Clayton	297,595	216,351	72.7%	220,578	158,854	72.0%	x	x
Cobb	766,149	223,116	29.1%	591,848	166,141	28.1%	x	x
Coffee	43,092	12,575	29.2%	32,419	9,191	28.4%	x	x
Columbia	156,010	32,516	20.8%	114,823	22,273	19.4%	x	x
Coweta	146,158	28,289	19.4%	111,155	20,196	18.2%	x	x
DeKalb	764,382	407,451	53.3%	595,276	314,230	52.8%	x	x
Dougherty	85,790	61,457	71.6%	66,266	45,631	68.9%	x	x
Douglas	144,237	74,260	51.5%	108,428	53,377	49.2%	x	x
Effingham	64,769	10,035	15.5%	47,295	6,831	14.4%	x	x
Fayette	119,194	32,076	26.9%	91,798	23,728	25.8%	x	x
Floyd	98,584	15,606	15.8%	76,295	11,064	14.5%	x	x
Forsyth	251,283	13,222	5.3%	181,193	8,751	4.8%	x	x
Fulton	1,066,710	477,624	44.8%	847,182	368,635	43.5%	x	x
Glynn	84,499	22,098	26.2%	66,468	15,620	23.5%	x	x
Grady	26,236	7,693	29.3%	19,962	5,678	28.4%	x	x
Gwinnett	957,062	287,687	30.1%	709,484	202,762	28.6%	x	x
Habersham	46,031	2,165	4.7%	35,878	1,675	4.7%	x	x
Hall	203,136	17,006	8.4%	153,844	12,094	7.9%	x	x
Harris	34,668	5,742	16.6%	26,799	4,431	16.5%	x	x
Henry	240,712	125,211	52.0%	179,973	89,657	49.8%	x	x
Houston	163,633	56,520	34.5%	122,118	39,605	32.4%	x	x
Jackson	75,907	6,148	8.1%	56,451	4,268	7.6%	x	x
Jasper	14,588	2,676	18.3%	11,118	1,966	17.7%	x	x
Liberty	65,256	31,146	47.7%	48,014	21,700	45.2%	x	x
Lowndes	118,251	46,758	39.5%	89,031	33,302	37.4%	x	x
Madison	30,120	3,196	10.6%	23,112	2,225	9.6%	x	x
Meriwether	20,613	7,547	36.6%	16,526	5,845	35.4%	x	x
Monroe	27,957	6,444	23.0%	21,913	5,068	23.1%	x	x
Muscogee	206,922	102,212	49.4%	157,052	74,301	47.3%	x	x
Newton	112,483	55,901	49.7%	84,748	40,433	47.7%	x	x
Paulding	168,661	41,296	24.5%	123,998	28,164	22.7%	x	x
Peach	27,981	12,645	45.2%	22,111	9,720	44.0%	x	x
Putnam	22,047	5,701	25.9%	17,847	4,229	23.7%	x	x
Richmond	206,607	119,970	58.1%	160,899	87,930	54.6%	x	x
Rockdale	93,570	57,204	61.1%	71,503	41,935	58.6%	x	x
Spalding	67,306	24,522	36.4%	52,123	17,511	33.6%	x	x
Sumter	29,616	15,546	52.5%	23,036	11,479	49.8%	x	x

Name	Population	AP Blk	AP Blk %	18+ Pop	18+ AP Blk	18+ AP Blk %	Split in Enacted House	Split in Cooper House 1205
Tattnall	22,842	6,331	27.7%	17,654	4,886	27.7%	x	x
Telfair	12,477	4,754	38.1%	10,190	3,806	37.4%	x	x
Thomas	45,798	16,975	37.1%	35,037	12,332	35.2%	x	x
Tift	41,344	12,734	30.8%	31,224	8,963	28.7%	x	x
Troup	69,426	25,473	36.7%	52,581	18,202	34.6%	x	x
Walker	67,654	3,664	5.4%	52,794	2,454	4.6%	x	x
Walton	96,673	18,804	19.5%	73,098	13,165	18.0%	x	x
Ware	36,251	11,421	31.5%	27,788	8,226	29.6%	x	x
Wayne	30,144	6,390	21.2%	23,105	4,662	20.2%	x	x
Whitfield	102,864	4,919	4.8%	76,262	3,349	4.4%	x	x
Appling	18,444	3,647	19.8%	13,958	2,540	18.2%	x	
Ben Hill	17,194	6,537	38.0%	13,165	4,745	36.0%	x	
Cook	17,229	5,014	29.1%	12,938	3,595	27.8%	x	
Dawson	26,798	392	1.5%	21,441	249	1.2%	x	
Gordon	57,544	2,919	5.1%	43,500	1,939	4.5%	x	
Jones	28,347	7,114	25.1%	21,575	5,341	24.8%	x	
Lamar	18,500	5,220	28.2%	14,541	4,017	27.6%	x	
Lumpkin	33,488	685	2.0%	27,689	507	1.8%	x	
McDuffie	21,632	9,045	41.8%	16,615	6,425	38.7%	x	
Oconee	41,799	2,280	5.5%	30,221	1,660	5.5%	x	
White	28,003	721	2.6%	22,482	484	2.2%	x	
Burke	24,596	11,430	46.5%	18,778	8,362	44.5%		x
Colquitt	45,898	10,648	23.2%	34,193	7,461	21.8%		x
Jefferson	15,709	8,208	52.3%	12,301	6,324	51.4%		x
Johnson	9,189	3,124	34.0%	7,474	2,513	33.6%		x
Laurens	49,570	19,132	38.6%	37,734	13,695	36.3%		x
Lee	33,163	7,755	23.4%	24,676	5,503	22.3%		x
Oglethorpe	14,825	2,468	16.6%	11,639	1,853	15.9%		x
Screven	14,067	5,527	39.3%	10,893	4,144	38.0%		x
Upson	27,700	8,324	30.1%	21,711	6,202	28.6%		x
Wilkes	9,565	3,989	41.7%	7,651	3,071	40.1%		x
TOTAL							**69**	**68**

76. In comparison to the enacted House plan, the Cooper 1205 House plan makes 11 counties whole but introduces ten new county splits. The additional split counties are attributable to the effort to create new majority Black districts.

77. Based on my analysis of the Cooper 1205 House plan, the impact of engineering more majority Black districts can be seen in the overall plan metrics and the differences from the enacted plan. Further, my analysis of the traditional redistricting factors – maintaining communities and traditional boundaries, compactness, and deviation – along with the manipulation of the boundaries of the new AP-Black districts, supports my opinion that the Cooper 1205 House plan is focused on race, prioritizing race to the detriment of traditional redistricting factors.

I declare under penalty of perjury that the foregoing is true and correct.

Executed this 23rd day of January, 2023.

JOHN B. MORGAN

EXHIBIT 1

JOHN B. MORGAN

Curriculum Vitae

Redistricting Background and Experience

- Performed redistricting work in 20 states, in the areas of map drawing, problem-solving and redistricting software operation.
- Performed demographic and election analysis work in 40 states, for both statewide and legislative candidates

2021-2022 Redistricting Cycle

- Mapping expert for Michigan Independent Citizens Redistricting Commission
- Mapping expert for Virginia Redistricting Commission
- Mapping expert for New Jersey Congressional Redistricting Commission
- Mapping expert for New Jersey Legislative Redistricting Commission
- Staff analyst for New Mexico Senate Republican caucus – Dec. 2021 special session
- Mapping consultant to Indiana State Senate Republican caucus
- Mapping consultant to redistricting commissioners in Atlantic County, New Jersey
- Drafted county commission districts for Sampson County, North Carolina
- Drafted wards for town of Brownsburg, Indiana

2011-2012 Redistricting Cycle

- Served as a consultant for:
  - Connecticut Redistricting Commission
  - Ohio Reapportionment Board
  - New Jersey Legislative Redistricting Commission
  - New Jersey Congressional Redistricting Commission
  - Pennsylvania Legislative Reapportionment Commission
- Drafted Wake County, North Carolina school board districts
- Drafted county commission districts in Sampson and Craven counties in North Carolina and Atlantic County in New Jersey
- Worked with redistricting commissions in Atlantic and Essex counties, New Jersey.
- Worked on statewide congressional, legislative, and local plans in the following states: Connecticut, Indiana, Kansas, Missouri, New Jersey, New Mexico, North Carolina, Ohio, Pennsylvania, South Carolina, and Virginia
- Plans drafted by Morgan adopted in whole or part by the following states: Connecticut, Indiana, New Jersey, New Mexico, North Carolina, South Carolina, Virginia.

2001-2002 Redistricting Cycle

- Worked on statewide congressional and legislative redistricting plans in the following states: Florida, Georgia, Indiana, Iowa, New Jersey, North Carolina, Pennsylvania, Rhode Island, and Virginia.
- Dealt with redistricting issues as a member of the Majority Leader's legislative staff in Virginia House of Delegates. Drafted alternate plans for use by the minority parties in

Rhode Island. Drafted alternate plans for use by legislative leadership in considering plans drawn by redistricting commission staff in Iowa.

1991-1992 Redistricting Cycle

- Worked on statewide congressional and legislative redistricting plans in the following states: Florida, Illinois, Indiana, Michigan, New Jersey, New York, Pennsylvania, Wisconsin.
- Focused primarily on Voting Rights Act issues with Black, Hispanic and Asian communities.
- Federal court incorporated portion of legislative plan drafted in part by Morgan for Wisconsin into final decree, finding the configuration superior to other plans in its treatment of minority voters.

Expert Experience and Trial Testimony

- Recognized as an expert in demographics and redistricting in *Egolf v. Duran*, New Mexico First Judicial District Court, Case No. D-101-CV-2011-02942, which dealt with New Mexico's legislative plans.
- In *Egolf v. Duran*, the Court adopted a House redistricting plan principally drafted by Morgan.
- Filed expert reports in *Georgia State Conference of NAACP v. Fayette County Board of Commissioners.*
- Filed expert reports and expert testimony in *Page v. Board of Elections,* Eastern District of Virginia; provided expert testimony at trial.
- Testified at trial in *Bethune Hill v. Virginia Board of Elections* and *Vesilind v. Virginia Board of Elections.*
- Filed expert report in *Georgia NAACP v. Gwinnett County.*
- Filed expert reports and expert testimony *Alpha Phi Alpha v. Raffensperger; Grant v. Raffensperger; and Pendergrass v. Raffensperger*

Education

- Bachelor of Arts degree in History from the University of Chicago
- Graduated with honors.
- Bachelor's Honors thesis on "The Net Effects of Gerrymandering 1896-1932."
- Demographic study on LaSalle, Illinois was published in *The History of the Illinois and Michigan Canal, Volume Five.*

Employment

- President of Applied Research Coordinates, a consulting firm specializing in political and demographic analysis and its application to elections and redistricting, 2007 to present
- Redistricting consultant for many legislatures and commissions: 1991, 2001, 2011, 2021
- Executive Director, GOPAC (Hon. J.C. Watts, Chairman), 2004-2007
- Vice-President of Applied Research Coordinates, 1999-2004
- National Field Director, GOPAC (Rep. John Shadegg, Chairman) 1995-1999
- Research Analyst, Applied Research Coordinates 1991-1995
- Research Analyst, Republican National Committee 1988-1989, summer

EXHIBIT 2

User:
Plan Name: **APA_Cooper_Sen_illustrative12_05**
Plan Type:

Measures of Compactness Report

Measures of Compactness Report

APA_Cooper_Sen_illustrative12_05

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.22	0.14
Max	0.68	0.50
Mean	0.43	0.28
Std. Dev.	0.10	0.08

District	Reock	Polsby-Popper
001	0.49	0.30
002	0.48	0.24
003	0.39	0.21
004	0.47	0.24
005	0.50	0.29
006	0.41	0.24
007	0.43	0.31
008	0.45	0.23
009	0.29	0.23
010	0.32	0.25
011	0.36	0.33
012	0.62	0.39
013	0.50	0.26
014	0.27	0.24
015	0.57	0.32
016	0.26	0.19
017	0.37	0.17
018	0.30	0.17
019	0.50	0.33

020	0.46	0.33
021	0.42	0.33
022	0.41	0.21
023	0.37	0.16
024	0.30	0.22
025	0.48	0.27
026	0.43	0.16
027	0.50	0.46
028	0.37	0.18
029	0.58	0.42
030	0.45	0.37
031	0.37	0.38
032	0.29	0.21
033	0.35	0.20
034	0.56	0.40
035	0.22	0.14
036	0.32	0.30
037	0.49	0.37
038	0.25	0.16
039	0.57	0.40
040	0.51	0.34
041	0.54	0.25
042	0.50	0.34
043	0.45	0.27
044	0.50	0.23
045	0.46	0.31
046	0.38	0.30
047	0.41	0.28
048	0.35	0.34
049	0.47	0.34
050	0.37	0.23

Measures of Compactness Report

APA_Cooper_Sen_illustrative12_05

051	0.68	0.50
052	0.47	0.25
053	0.49	0.40
054	0.60	0.44
055	0.25	0.19
056	0.38	0.30

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 3

User:
Plan Name: **APA_Cooper_Sen_illustrative12_05**
Plan Type:

Districts & Their Incumbents

Districts & Their Incumbents

APA_Cooper_Sen_illustrative12_05

District	Name	Party	Previous District
001	Ben Watson	R	1
002	Lester Jackson, III	D	2
003	Sheila McNeill	R	3
004	Billy Hickman	R	4
004	Max Burns	R	23
005	Sheikh Rahman	D	5
006	Jen Jordan	D	6
007			
008	Russ Goodman	R	8
009	Nikki Merritt	D	9
010	Emanuel Jones	D	10
011	Dean Burke	R	11
012	Freddie Powell Sims	D	12
013	Carden Summers	R	13
013	Tyler Harper	R	7
014			
015	Ed Harbison	D	15
016	Gail Davenport	D	44
017	Brian Strickland	R	17
018	John Kennedy	R	18
019	Blake Tillery	R	19
020	Donzella James	D	35
021	Brandon Beach	R	21
022	Harold Jones	D	22
023			
024	Lee Anderson	R	24
025	Larry Walker III	R	20
026	David Lucas	D	26
027	Greg Dolezal	R	27
028	Marty Harbin	R	16
029	Randy Robertson	R	29
030	Mike Dugan	R	30
031	Jason Anavitarte	R	31
032	Kay Kirkpatrick	R	32
033	Michael Rhett	D	33
034	Valencia Seay	D	34
035	Sonya Halpern	D	39
036	Nan Orrock	D	36
037	Lindsey Tippins	R	37
038	Horacena Tate	D	39

Districts & Their Incumbents

APA_Cooper_Sen_illustrative12_05

039	Matt Brass	R	28
040	Sally Harrell	D	40
041	Kim Jackson	D	41
042	Elena Parent	D	42
043	Tonya Anderson	D	43
044	Burt Jones	R	25
045	Clint Dixon	R	45
046	Bill Cowsert	R	46
047	Frank Ginn	R	47
048	Michelle Au	D	48
049	Butch Miller	R	49
050	Bo Hatchett	R	50
051	Steve Gooch	R	51
052	Chuck Hufstetler	R	52
052	Bruce Thompson	R	14
053	Jeff Mullis	R	53
054	Chuck Payne	R	54
055	Gloria Butler	D	55
056	John Albers	R	56

Number of Incumbents in District with more than one Incumbent:	6
Number of Districts with No Incumbent:	3
Number of Districts with Incumbents of more than one party:	0
Number of Districts with Paired Democrats:	0
Number of Districts with Paired Republicans:	3

EXHIBIT 4

User:
Plan Name: **APA_Cooper_Sen_illustrative12_05**
Plan Type:

Po u ation ummary

Po u ation ummary

APA_Cooper_Sen_illustrative12_05

District	Po u ation	Deviation	Devn	ac	P
001	191,452	168	0 09	24 28	25 09
002	193,142	1,858	0 97	47 51	46 33
003	191,212	72	0 04	21 28	21 18
004	191,400	116	0 06	24 02	24 57
005	193,203	1,919	1 00	28 62	29 68
006	191,401	117	0 06	21 88	23 9
007	190,077	1,207	0 63	19 5	21 08
008	192,396	1,112	0 58	30 35	30 38
009	192,517	1,233	0 64	28 8	29 57
010	192,564	1,280	0 67	68 36	69 76
011	189,976	1,308	0 68	31 3	31 04
012	190,819	465	0 24	59 08	57 97
013	189,419	1,865	0 97	29 79	29 59
014	192,533	1,249	0 65	17 15	18 97
015	189,446	1,838	0 96	52 99	54
016	190,092	1,192	0 62	55 56	56 52
017	191,319	35	0 02	61 05	62 55
018	192,415	1,131	0 59	27 58	28 05
019	192,249	965	0 50	23 25	23 65
020	190,739	545	0 28	59 49	60 44
021	192,572	1,288	0 67	6 66	7 46
022	189,518	1,766	0 92	50 94	50 36
023	190,081	1,203	0 63	50 89	50 21
024	189,600	1,684	0 88	19 66	20 76
025	192,197	913	0 48	30 9	31 04
026	193,164	1,880	0 98	53 7	52 81
027	190,676	608	0 32	4 43	5
028	189,892	1,392	0 73	51	51 32
029	189,424	1,860	0 97	26 49	26 88
030	192,238	954	0 50	15 72	16 59
031	192,560	1,276	0 67	20 22	20 7
032	192,448	1,164	0 61	13 56	14 86
033	189,366	1,918	1 00	50 53	52 6
034	192,420	1,136	0 59	75 42	77 84
035	191,120	164	0 09	60 97	60 8
036	192,282	998	0 52	51 92	51 34
037	192,671	1,387	0 73	18 38	19 27
038	189,676	1,608	0 84	52 64	54 25

Po u ation ummary

039	190,610	674	0 35	15 43	15 98
040	190,544	740	0 39	16 84	19 24
041	190,488	796	0 42	62 7	64 57
042	190,522	762	0 40	25 39	27 06
043	192,227	943	0 49	56 83	57 97
044	191,728	444	0 23	22 22	22 86
045	193,010	1,726	0 90	20 05	21 06
046	189,385	1,899	0 99	20 8	20 28
047	190,120	1,164	0 61	10 37	11 08
048	190,123	1,161	0 61	8 51	9 47
049	192,420	1,136	0 59	7 31	7 94
050	192,836	1,552	0 81	6 38	6 8
051	190,167	1,117	0 58	0 88	1 21
052	190,799	485	0 25	12 56	13 04
053	190,236	1,048	0 55	4 52	5 1
054	192,443	1,159	0 61	3 13	3 79
055	192,748	1,464	0 77	50 01	51 22
056	191,226	58	0 03	6 5	7 57

Total Population: 10,711,908

Ideal District Population: 191,284

ummary tatistics

Population Range:	189,366 to 193,203
Ratio Range:	0 02
Absolute Range:	1,918 to 1,919
Absolute Overall Range:	3837
Relative Range:	1 00 to 1 00
Relative Overall Range:	2 01
Absolute Mean Deviation:	1092 89
Relative Mean Deviation:	0 57
Standard Deviation:	1219 42

EXHIBIT 5

User:
Plan Name: **APA_Cooper_Sen_illustrative12_05**
Plan Type:

Po itica ubdivision its et een Districts

Po itica ubdivision its et een Districts

APA_Cooper_Sen_illustrative12_05

Number of subdivisions not split:

County	131
Voting District	2,655

Number of subdivisions split into more than one district:

County	28
Voting District	43

Number of splits involving no population:

County	0
Voting District	6

it ounts

County

Cases where an area is split among 2 Districts: 19
Cases where an area is split among 3 Districts: 5
Cases where an area is split among 6 Districts: 1
Cases where an area is split among 7 Districts: 1
Cases where an area is split among 8 Districts: 1
Cases where an area is split among 11 Districts: 1

Voting District

Cases where an area is split among 2 Districts: 42
Cases where an area is split among 3 Districts: 1

ounty otin District	District	Po u ation
Split Counties:		
Barrow GA	045	14,237
Barrow GA	047	69,268
Bartow GA	037	11,130
Bartow GA	052	97,771
Bibb GA	018	52,960
Bibb GA	026	104,386
Chatham GA	001	81,458
Chatham GA	002	193,142
Chatham GA	004	20,691
Cherokee GA	021	109,034
Cherokee GA	032	90,981
Cherokee GA	056	66,605
Clayton GA	016	84,393
Clayton GA	028	73,570
Clayton GA	034	139,632
Cobb GA	006	92,249
Cobb GA	032	101,467
Cobb GA	033	176,205
Cobb GA	037	181,541

Po itica ubdivision its et een Districts

APA_Cooper_Sen_illustrative12_05

Cobb GA	038	124,794
Cobb GA	056	89,893
DeKalb GA	010	116,405
DeKalb GA	017	57,301
DeKalb GA	040	164,997
DeKalb GA	041	168,540
DeKalb GA	042	190,522
DeKalb GA	043	35,612
DeKalb GA	055	31,005
Douglas GA	020	131,432
Douglas GA	030	12,805
Fayette GA	028	74,742
Fayette GA	039	44,452
Floyd GA	052	85,090
Floyd GA	053	13,494
Forsyth GA	027	190,676
Forsyth GA	048	60,607
Fulton GA	006	99,152
Fulton GA	014	192,533
Fulton GA	020	59,307
Fulton GA	021	83,538
Fulton GA	033	13,161
Fulton GA	034	52,788
Fulton GA	035	191,120
Fulton GA	036	192,282
Fulton GA	038	64,882
Fulton GA	048	83,219
Fulton GA	056	34,728
Gordon GA	052	7,938
Gordon GA	054	49,606
Gwinnett GA	005	193,203
Gwinnett GA	007	190,077
Gwinnett GA	009	192,517
Gwinnett GA	040	25,547
Gwinnett GA	041	21,948
Gwinnett GA	045	178,773
Gwinnett GA	048	46,297
Gwinnett GA	055	108,700
Hall GA	049	192,420
Hall GA	050	10,716
Henry GA	010	76,159
Henry GA	016	79,973
Henry GA	017	84,580
Houston GA	018	43,883
Houston GA	025	30,972
Houston GA	026	88,778
Monroe GA	018	8,872
Monroe GA	044	19,085
Muscogee GA	015	142,205
Muscogee GA	029	64,717
Paulding GA	030	18,954

Po itica ubdivision its et een Districts

APA_Cooper_Sen_illustrative12_05

Paulding GA		031	149,707
Richmond GA		022	159,787
Richmond GA		023	46,820
Rockdale GA		017	49,438
Rockdale GA		043	44,132
Spalding GA		016	25,726
Spalding GA		028	41,580
Walton GA		044	43,630
Walton GA		055	53,043
Ware GA		003	10,431
Ware GA		008	25,820
White GA		050	12,642
White GA		051	15,361
Wilkes GA		023	3,302
Wilkes GA		024	6,263
Split VTDs:			
Chatham GA	BLOOMINGDALE COMMUNIT CENTER	001	4,099
Chatham GA	BLOOMINGDALE COMMUNIT CENTER	004	755
Chatham GA	POOLER CHRURCH	001	5,330
Chatham GA	POOLER CHRURCH	004	4,407
Chatham GA	PROGRESSIVE REC CTR	001	50
Chatham GA	PROGRESSIVE REC CTR	002	6,340
Cobb GA	Dobbins 01	006	6,586
Cobb GA	Dobbins 01	038	6,815
Cobb GA	Elizabeth 01	032	3,771
Cobb GA	Elizabeth 01	037	2,099
Cobb GA	Kennesaw 1A	032	1,471
Cobb GA	Kennesaw 1A	037	2,972
Cobb GA	Marietta 1A	033	408
Cobb GA	Marietta 1A	038	9,586
Cobb GA	Marietta 3A	032	3,439
Cobb GA	Marietta 3A	033	5,460
Cobb GA	Marietta 5A	006	0
Cobb GA	Marietta 5A	033	2,468
Cobb GA	Marietta 5A	038	1,866
Cobb GA	Marietta 6A	006	3,022
Cobb GA	Marietta 6A	032	1,532
Cobb GA	Marietta 7A	006	993
Cobb GA	Marietta 7A	038	5,918
Cobb GA	Nicka ack 01	006	2,398
Cobb GA	Nicka ack 01	038	3,728
Cobb GA	Oregon 03	033	12,988
Cobb GA	Oregon 03	037	0
Cobb GA	Powers Ferry 01	006	4,963
Cobb GA	Powers Ferry 01	038	464
Cobb GA	Sewell Mill 03	006	5,051
Cobb GA	Sewell Mill 03	038	1,886
Cobb GA	Smyrna 5A	033	0
Cobb GA	Smyrna 5A	038	6,989

Po itica ubdivision its et een Districts

APA_Cooper_Sen_illustrative12_05

Cobb GA	Vinings 02	006	4,624
Cobb GA	Vinings 02	038	5,019
DeKalb GA	Shaw Elementary	041	517
DeKalb GA	Shaw Elementary	042	3,256
Fayette GA	WHITEWATER	028	1,190
Fayette GA	WHITEWATER	039	3,333
Floyd GA	GARDEN LAKES	052	1,024
Floyd GA	GARDEN LAKES	053	7,817
Forsyth GA	BIG CREEK	027	15,216
Forsyth GA	BIG CREEK	048	10,302
Forsyth GA	POLO	027	24,894
Forsyth GA	POLO	048	964
Fulton GA	RW09	021	2,971
Fulton GA	RW09	056	4,750
Fulton GA	RW12	021	4,274
Fulton GA	RW12	056	3,958
Fulton GA	UC01A	034	6,151
Fulton GA	UC01A	035	14
Gordon GA	LIL POND	052	1,641
Gordon GA	LIL POND	054	996
Hall GA	GLADE	049	5,135
Hall GA	GLADE	050	1,735
Hall GA	TADMORE	049	7,194
Hall GA	TADMORE	050	7,155
Henry GA	HICKOR FLAT	010	6,521
Henry GA	HICKOR FLAT	017	631
Henry GA	LAKE HAVEN	010	4,704
Henry GA	LAKE HAVEN	017	1,084
Houston GA	FMMS	018	5,106
Houston GA	FMMS	026	8,223
Muscogee GA	COLUMBUS TECH	015	6,919
Muscogee GA	COLUMBUS TECH	029	2,228
Paulding GA	CARL SCOGGINS MID SC	030	7,586
Paulding GA	CARL SCOGGINS MID SC	031	2,162
Paulding GA	TA LOR FARM PARK	030	475
Paulding GA	TA LOR FARM PARK	031	12,958
Rockdale GA	MILSTEAD	017	0
Rockdale GA	MILSTEAD	043	6,444
Rockdale GA	OLD TOWNE	017	1,073
Rockdale GA	OLD TOWNE	043	9,894
Spalding GA	COUNT LINE METHODIST	016	1,413
Spalding GA	COUNT LINE METHODIST	028	2,162
Ware GA	100	003	2,672
Ware GA	100	008	3,692
Ware GA	200A	003	0
Ware GA	200A	008	4,133
Ware GA	304	003	0
Ware GA	304	008	2,107
Ware GA	400	003	4,626

Po itica ubdivision its et een Districts

APA_Cooper_Sen_illustrative12_05

Ware GA	400		008	406
Wilkes GA	3172A	OUNG FARMER S	023	91
Wilkes GA	3172A	OUNG FARMER S	024	1,545
Wilkes GA	3173A	EDWARD B POPE	023	923
Wilkes GA	3173A	EDWARD B POPE	024	536

EXHIBIT 6

User:
Plan Name: **APA_Cooper_Sen_illustrative12_05**
Plan Type:

Plan Components with Population Detail

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

	Total Population	AP_Blk
District 001		
County: Bryan GA		
Total:	44,738	7,463 16.68%
Voting Age	31,828	5,025 15.79%
County: Chatham GA		
Total:	81,458	13,203 16.21%
Voting Age	65,619	9,767 14.88%
County: Liberty GA		
Total:	65,256	31,146 47.73%
Voting Age	48,014	21,700 45.20%
District 001 Total		
Total:	191,452	51,812 27.06%
Voting Age	145,461	36,492 25.09%
District 002		
County: Chatham GA		
Total:	193,142	96,044 49.73%
Voting Age	153,153	70,956 46.33%
District 002 Total		
Total:	193,142	96,044 49.73%
Voting Age	153,153	70,956 46.33%
District 003		
County: Brantley GA		
Total:	18,021	733 4.07%
Voting Age	13,692	470 3.43%
County: Camden GA		
Total:	54,768	11,072 20.22%
Voting Age	41,808	7,828 18.72%
County: Charlton GA		

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

Total:	12,518	2,798
		22.35%
Voting Age	10,135	2,147
		21.18%
County: Glynn GA		
Total:	84,499	22,098
		26.15%
Voting Age	66,468	15,620
		23.50%
County: McIntosh GA		
Total:	10,975	3,400
		30.98%
Voting Age	9,040	2,641
		29.21%
County: Ware GA		
Total:	10,431	4,137
		39.66%
Voting Age	7,772	2,839
		36.53%
District 003 Total		
Total:	191,212	44,238
		23.14%
Voting Age	148,915	31,545
		21.18%
District 004		
County: Bulloch GA		
Total:	81,099	24,375
		30.06%
Voting Age	64,494	18,220
		28.25%
County: Chatham GA		
Total:	20,691	6,211
		30.02%
Voting Age	15,943	4,455
		27.94%
County: Effingham GA		
Total:	64,769	10,035
		15.49%
Voting Age	47,295	6,831
		14.44%
County: Evans GA		
Total:	10,774	3,273
		30.38%
Voting Age	8,127	2,410
		29.65%
County: Screven GA		
Total:	14,067	5,527
		39.29%
Voting Age	10,893	4,144
		38.04%
District 004 Total		
Total:	191,400	49,421
		25.82%
Voting Age	146,752	36,060

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

		24.57%
District 005		
County: Gwinnett GA		
Total:	193,203	60,613
		31.37%
Voting Age	145,348	43,143
		29.68%
District 005 Total		
Total:	193,203	60,613
		31.37%
Voting Age	145,348	43,143
		29.68%
District 006		
County: Cobb GA		
Total:	92,249	24,074
		26.10%
Voting Age	75,423	19,059
		25.27%
County: Fulton GA		
Total:	99,152	21,872
		22.06%
Voting Age	80,358	18,172
		22.61%
District 006 Total		
Total:	191,401	45,946
		24.01%
Voting Age	155,781	37,231
		23.90%
District 007		
County: Gwinnett GA		
Total:	190,077	41,057
		21.60%
Voting Age	142,736	30,092
		21.08%
District 007 Total		
Total:	190,077	41,057
		21.60%
Voting Age	142,736	30,092
		21.08%
District 008		
County: Atkinson GA		
Total:	8,286	1,284
		15.50%
Voting Age	6,129	937
		15.29%
County: Clinch GA		
Total:	6,749	2,096
		31.06%
Voting Age	5,034	1,406
		27.93%
County: Echols GA		
Total:	3,697	193
		5.22%
Voting Age	2,709	121

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

		4.47%
County: Lanier GA		
Total:	9,877	2,369
		23.99%
Voting Age	7,326	1,683
		22.97%
County: Lowndes GA		
Total:	118,251	46,758
		39.54%
Voting Age	89,031	33,302
		37.40%
County: Pierce GA		
Total:	19,716	1,801
		9.13%
Voting Age	14,899	1,262
		8.47%
County: Ware GA		
Total:	25,820	7,284
		28.21%
Voting Age	20,016	5,387
		26.91%
District 008 Total		
Total:	192,396	61,785
		32.11%
Voting Age	145,144	44,098
		30.38%
District 009		
County: Gwinnett GA		
Total:	192,517	60,670
		31.51%
Voting Age	141,460	41,834
		29.57%
District 009 Total		
Total:	192,517	60,670
		31.51%
Voting Age	141,460	41,834
		29.57%
District 010		
County: DeKalb GA		
Total:	116,405	93,229
		80.09%
Voting Age	92,261	72,801
		78.91%
County: Henry GA		
Total:	76,159	43,934
		57.69%
Voting Age	58,282	32,213
		55.27%
District 010 Total		
Total:	192,564	137,163
		71.23%
Voting Age	150,543	105,014
		69.76%
District 011		

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

County: Brooks GA		
Total:	16,301	5,958
		36.55%
Voting Age	12,747	4,357
		34.18%
County: Colquitt GA		
Total:	45,898	10,648
		23.20%
Voting Age	34,193	7,461
		21.82%
County: Cook GA		
Total:	17,229	5,014
		29.10%
Voting Age	12,938	3,595
		27.79%
County: Decatur GA		
Total:	29,367	12,583
		42.85%
Voting Age	22,443	9,189
		40.94%
County: Grady GA		
Total:	26,236	7,693
		29.32%
Voting Age	19,962	5,678
		28.44%
County: Seminole GA		
Total:	9,147	3,093
		33.81%
Voting Age	7,277	2,275
		31.26%
County: Thomas GA		
Total:	45,798	16,975
		37.06%
Voting Age	35,037	12,332
		35.20%
District 011 Total		
Total:	189,976	61,964
		32.62%
Voting Age	144,597	44,887
		31.04%
District 012		
County: Baker GA		
Total:	2,876	1,178
		40.96%
Voting Age	2,275	932
		40.97%
County: Calhoun GA		
Total:	5,573	3,629
		65.12%
Voting Age	4,687	2,998
		63.96%
County: Clay GA		
Total:	2,848	1,634
		57.37%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

Voting Age	2,246	1,231
		54.81%
County: Dougherty GA		
Total:	85,790	61,457
		71.64%
Voting Age	66,266	45,631
		68.86%
County: Early GA		
Total:	10,854	5,688
		52.40%
Voting Age	8,315	4,075
		49.01%
County: Miller GA		
Total:	6,000	1,831
		30.52%
Voting Age	4,749	1,358
		28.60%
County: Mitchell GA		
Total:	21,755	10,394
		47.78%
Voting Age	17,065	7,917
		46.39%
County: Quitman GA		
Total:	2,235	965
		43.18%
Voting Age	1,870	765
		40.91%
County: Randolph GA		
Total:	6,425	3,947
		61.43%
Voting Age	4,977	2,913
		58.53%
County: Stewart GA		
Total:	5,314	2,538
		47.76%
Voting Age	4,617	2,048
		44.36%
County: Sumter GA		
Total:	29,616	15,546
		52.49%
Voting Age	23,036	11,479
		49.83%
County: Terrell GA		
Total:	9,185	5,707
		62.13%
Voting Age	7,204	4,274
		59.33%
County: Webster GA		
Total:	2,348	1,107
		47.15%
Voting Age	1,847	844
		45.70%
District 012 Total		
Total:	190,819	115,621

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

			60.59%
	Voting Age	149,154	86,465
			57.97%
District 013			
County: Ben Hill GA			
	Total:	17,194	6,537
			38.02%
	Voting Age	13,165	4,745
			36.04%
County: Berrien GA			
	Total:	18,160	2,198
			12.10%
	Voting Age	13,690	1,499
			10.95%
County: Crisp GA			
	Total:	20,128	9,194
			45.68%
	Voting Age	15,570	6,603
			42.41%
County: Dooly GA			
	Total:	11,208	5,652
			50.43%
	Voting Age	9,187	4,526
			49.27%
County: Irwin GA			
	Total:	9,666	2,333
			24.14%
	Voting Age	7,547	1,720
			22.79%
County: Lee GA			
	Total:	33,163	7,755
			23.38%
	Voting Age	24,676	5,503
			22.30%
County: Tift GA			
	Total:	41,344	12,734
			30.80%
	Voting Age	31,224	8,963
			28.71%
County: Turner GA			
	Total:	9,006	3,813
			42.34%
	Voting Age	6,960	2,752
			39.54%
County: Wilcox GA			
	Total:	8,766	3,161
			36.06%
	Voting Age	7,218	2,693
			37.31%
County: Worth GA			
	Total:	20,784	5,517
			26.54%
	Voting Age	16,444	4,108
			24.98%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

District 013 Total		
Total:	189,419	58,894
		31.09%
Voting Age	145,681	43,112
		29.59%
District 014		
County: Fulton GA		
Total:	192,533	37,409
		19.43%
Voting Age	155,340	29,470
		18.97%
District 014 Total		
Total:	192,533	37,409
		19.43%
Voting Age	155,340	29,470
		18.97%
District 015		
County: Chattahoochee GA		
Total:	9,565	1,825
		19.08%
Voting Age	7,199	1,287
		17.88%
County: Macon GA		
Total:	12,082	7,296
		60.39%
Voting Age	9,938	6,021
		60.59%
County: Marion GA		
Total:	7,498	2,223
		29.65%
Voting Age	5,854	1,687
		28.82%
County: Muscogee GA		
Total:	142,205	87,188
		61.31%
Voting Age	107,284	63,629
		59.31%
County: Schley GA		
Total:	4,547	933
		20.52%
Voting Age	3,328	644
		19.35%
County: Talbot GA		
Total:	5,733	3,145
		54.86%
Voting Age	4,783	2,537
		53.04%
County: Taylor GA		
Total:	7,816	2,946
		37.69%
Voting Age	6,120	2,235
		36.52%
District 015 Total		
Total:	189,446	105,556

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

		55.72%
Voting Age	144,506	78,040
		54.00%
District 016		
County: Clayton GA		
Total:	84,393	58,581
		69.41%
Voting Age	63,302	43,544
		68.79%
County: Henry GA		
Total:	79,973	44,877
		56.12%
Voting Age	59,467	31,887
		53.62%
County: Spalding GA		
Total:	25,726	7,534
		29.29%
Voting Age	20,366	5,466
		26.84%
District 016 Total		
Total:	190,092	110,992
		58.39%
Voting Age	143,135	80,897
		56.52%
District 017		
County: DeKalb GA		
Total:	57,301	54,512
		95.13%
Voting Age	44,108	41,875
		94.94%
County: Henry GA		
Total:	84,580	36,400
		43.04%
Voting Age	62,224	25,557
		41.07%
County: Rockdale GA		
Total:	49,438	31,215
		63.14%
Voting Age	38,446	23,124
		60.15%
District 017 Total		
Total:	191,319	122,127
		63.83%
Voting Age	144,778	90,556
		62.55%
District 018		
County: Bibb GA		
Total:	52,960	17,241
		32.55%
Voting Age	42,073	12,870
		30.59%
County: Crawford GA		
Total:	12,130	2,455
		20.24%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

	Voting Age	9,606	1,938 20.17%
County: Houston GA			
	Total:	43,883	12,338 28.12%
	Voting Age	32,816	9,024 27.50%
County: Monroe GA			
	Total:	8,872	1,203 13.56%
	Voting Age	7,087	999 14.10%
County: Peach GA			
	Total:	27,981	12,645 45.19%
	Voting Age	22,111	9,720 43.96%
County: Pike GA			
	Total:	18,889	1,613 8.54%
	Voting Age	14,337	1,254 8.75%
County: Upson GA			
	Total:	27,700	8,324 30.05%
	Voting Age	21,711	6,202 28.57%
District 018 Total			
	Total:	192,415	55,819 29.01%
	Voting Age	149,741	42,007 28.05%
District 019			
County: Appling GA			
	Total:	18,444	3,647 19.77%
	Voting Age	13,958	2,540 18.20%
County: Bacon GA			
	Total:	11,140	1,970 17.68%
	Voting Age	8,310	1,245 14.98%
County: Coffee GA			
	Total:	43,092	12,575 29.18%
	Voting Age	32,419	9,191 28.35%
County: Jeff Davis GA			
	Total:	14,779	2,493 16.87%
	Voting Age	10,856	1,752 16.14%
County: Long GA			

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

Total:	16,168	4,734
		29.28%
Voting Age	11,234	3,107
		27.66%
County: Montgomery GA		
Total:	8,610	2,224
		25.83%
Voting Age	6,792	1,781
		26.22%
County: Tattnall GA		
Total:	22,842	6,331
		27.72%
Voting Age	17,654	4,886
		27.68%
County: Toombs GA		
Total:	27,030	7,402
		27.38%
Voting Age	20,261	5,036
		24.86%
County: Wayne GA		
Total:	30,144	6,390
		21.20%
Voting Age	23,105	4,662
		20.18%
District 019 Total		
Total:	192,249	47,766
		24.85%
Voting Age	144,589	34,200
		23.65%
District 020		
County: Douglas GA		
Total:	131,432	71,755
		54.59%
Voting Age	98,679	51,582
		52.27%
County: Fulton GA		
Total:	59,307	47,483
		80.06%
Voting Age	44,498	34,961
		78.57%
District 020 Total		
Total:	190,739	119,238
		62.51%
Voting Age	143,177	86,543
		60.44%
District 021		
County: Cherokee GA		
Total:	109,034	6,259
		5.74%
Voting Age	82,623	4,208
		5.09%
County: Fulton GA		
Total:	83,538	9,233
		11.05%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

	Voting Age	62,497	6,615
			10.58%
District 021 Total			
	Total:	192,572	15,492
			8.04%
	Voting Age	145,120	10,823
			7.46%
District 022			
County: Glascock GA			
	Total:	2,884	226
			7.84%
	Voting Age	2,236	167
			7.47%
County: McDuffie GA			
	Total:	21,632	9,045
			41.81%
	Voting Age	16,615	6,425
			38.67%
County: Richmond GA			
	Total:	159,787	89,222
			55.84%
	Voting Age	125,899	66,038
			52.45%
County: Warren GA			
	Total:	5,215	3,128
			59.98%
	Voting Age	4,159	2,360
			56.74%
District 022 Total			
	Total:	189,518	101,621
			53.62%
	Voting Age	148,909	74,990
			50.36%
District 023			
County: Baldwin GA			
	Total:	43,799	18,985
			43.35%
	Voting Age	35,732	14,515
			40.62%
County: Burke GA			
	Total:	24,596	11,430
			46.47%
	Voting Age	18,778	8,362
			44.53%
County: Hancock GA			
	Total:	8,735	6,131
			70.19%
	Voting Age	7,487	5,108
			68.22%
County: Jefferson GA			
	Total:	15,709	8,208
			52.25%
	Voting Age	12,301	6,324
			51.41%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

County: Jenkins GA			
	Total:	8,674	3,638
			41.94%
	Voting Age	7,005	2,843
			40.59%
County: Richmond GA			
	Total:	46,820	30,748
			65.67%
	Voting Age	35,000	21,892
			62.55%
County: Taliaferro GA			
	Total:	1,559	876
			56.19%
	Voting Age	1,289	722
			56.01%
County: Twiggs GA			
	Total:	8,022	3,226
			40.21%
	Voting Age	6,589	2,627
			39.87%
County: Washington GA			
	Total:	19,988	10,969
			54.88%
	Voting Age	15,709	8,333
			53.05%
County: Wilkes GA			
	Total:	3,302	2,356
			71.35%
	Voting Age	2,538	1,773
			69.86%
County: Wilkinson GA			
	Total:	8,877	3,330
			37.51%
	Voting Age	7,026	2,549
			36.28%
District 023 Total			
	Total:	190,081	99,897
			52.55%
	Voting Age	149,454	75,048
			50.21%
District 024			
County: Columbia GA			
	Total:	156,010	32,516
			20.84%
	Voting Age	114,823	22,273
			19.40%
County: Elbert GA			
	Total:	19,637	5,520
			28.11%
	Voting Age	15,493	4,122
			26.61%
County: Lincoln GA			
	Total:	7,690	2,212
			28.76%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

Voting Age	6,270	1,728 27.56%
County: Wilkes GA		
Total:	6,263	1,633 26.07%
Voting Age	5,113	1,298 25.39%
District 024 Total		
Total:	189,600	41,881 22.09%
Voting Age	141,699	29,421 20.76%
District 025		
County: Bleckley GA		
Total:	12,583	2,951 23.45%
Voting Age	9,613	2,036 21.18%
County: Candler GA		
Total:	10,981	2,807 25.56%
Voting Age	8,241	2,009 24.38%
County: Dodge GA		
Total:	19,925	6,148 30.86%
Voting Age	15,709	4,725 30.08%
County: Emanuel GA		
Total:	22,768	7,556 33.19%
Voting Age	17,320	5,404 31.20%
County: Houston GA		
Total:	30,972	7,386 23.85%
Voting Age	22,577	5,113 22.65%
County: Johnson GA		
Total:	9,189	3,124 34.00%
Voting Age	7,474	2,513 33.62%
County: Laurens GA		
Total:	49,570	19,132 38.60%
Voting Age	37,734	13,695 36.29%
County: Pulaski GA		
Total:	9,855	3,250 32.98%
Voting Age	8,012	2,564 32.00%
County: Telfair GA		

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

Total:	12,477	4,754
		38.10%
Voting Age	10,190	3,806
		37.35%
County: Treutlen GA		
Total:	6,406	2,114
		33.00%
Voting Age	4,934	1,514
		30.69%
County: Wheeler GA		
Total:	7,471	2,949
		39.47%
Voting Age	6,217	2,561
		41.19%
District 025 Total		
Total:	192,197	62,171
		32.35%
Voting Age	148,021	45,940
		31.04%
District 026		
County: Bibb GA		
Total:	104,386	71,624
		68.61%
Voting Age	78,829	51,400
		65.20%
County: Houston GA		
Total:	88,778	36,796
		41.45%
Voting Age	66,725	25,468
		38.17%
District 026 Total		
Total:	193,164	108,420
		56.13%
Voting Age	145,554	76,868
		52.81%
District 027		
County: Forsyth GA		
Total:	190,676	10,506
		5.51%
Voting Age	139,196	6,961
		5.00%
District 027 Total		
Total:	190,676	10,506
		5.51%
Voting Age	139,196	6,961
		5.00%
District 028		
County: Clayton GA		
Total:	73,570	56,865
		77.29%
Voting Age	54,974	41,590
		75.65%
County: Fayette GA		
Total:	74,742	27,910

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

			37.34%
	Voting Age	58,345	20,819
			35.68%
County: Spalding GA			
	Total:	41,580	16,988
			40.86%
	Voting Age	31,757	12,045
			37.93%
District 028 Total			
	Total:	189,892	101,763
			53.59%
	Voting Age	145,076	74,454
			51.32%
District 029			
County: Harris GA			
	Total:	34,668	5,742
			16.56%
	Voting Age	26,799	4,431
			16.53%
County: Meriwether GA			
	Total:	20,613	7,547
			36.61%
	Voting Age	16,526	5,845
			35.37%
County: Muscogee GA			
	Total:	64,717	15,024
			23.21%
	Voting Age	49,768	10,672
			21.44%
County: Troup GA			
	Total:	69,426	25,473
			36.69%
	Voting Age	52,581	18,202
			34.62%
District 029 Total			
	Total:	189,424	53,786
			28.39%
	Voting Age	145,674	39,150
			26.88%
District 030			
County: Carroll GA			
	Total:	119,148	24,618
			20.66%
	Voting Age	90,996	17,827
			19.59%
County: Douglas GA			
	Total:	12,805	2,505
			19.56%
	Voting Age	9,749	1,795
			18.41%
County: Haralson GA			
	Total:	29,919	1,541
			5.15%
	Voting Age	22,854	1,106

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

		4.84%
County: Heard GA		
Total:	11,412	1,142
		10.01%
Voting Age	8,698	832
		9.57%
County: Paulding GA		
Total:	18,954	4,048
		21.36%
Voting Age	13,985	2,715
		19.41%
District 030 Total		
Total:	192,238	33,854
		17.61%
Voting Age	146,282	24,275
		16.59%
District 031		
County: Paulding GA		
Total:	149,707	37,248
		24.88%
Voting Age	110,013	25,449
		23.13%
County: Polk GA		
Total:	42,853	5,816
		13.57%
Voting Age	32,238	3,991
		12.38%
District 031 Total		
Total:	192,560	43,064
		22.36%
Voting Age	142,251	29,440
		20.70%
District 032		
County: Cherokee GA		
Total:	90,981	9,461
		10.40%
Voting Age	69,190	6,571
		9.50%
County: Cobb GA		
Total:	101,467	20,578
		20.28%
Voting Age	80,689	15,703
		19.46%
District 032 Total		
Total:	192,448	30,039
		15.61%
Voting Age	149,879	22,274
		14.86%
District 033		
County: Cobb GA		
Total:	176,205	88,499
		50.23%
Voting Age	132,060	65,097
		49.29%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

County: Fulton GA			
	Total:	13,161	12,524
			95.16%
	Voting Age	10,215	9,736
			95.31%
District 033 Total			
	Total:	189,366	101,023
			53.35%
	Voting Age	142,275	74,833
			52.60%
District 034			
County: Clayton GA			
	Total:	139,632	100,905
			72.26%
	Voting Age	102,302	73,720
			72.06%
County: Fulton GA			
	Total:	52,788	49,181
			93.17%
	Voting Age	39,253	36,464
			92.89%
District 034 Total			
	Total:	192,420	150,086
			78.00%
	Voting Age	141,555	110,184
			77.84%
District 035			
County: Fulton GA			
	Total:	191,120	121,353
			63.50%
	Voting Age	156,232	94,985
			60.80%
District 035 Total			
	Total:	191,120	121,353
			63.50%
	Voting Age	156,232	94,985
			60.80%
District 036			
County: Fulton GA			
	Total:	192,282	104,523
			54.36%
	Voting Age	161,385	82,859
			51.34%
District 036 Total			
	Total:	192,282	104,523
			54.36%
	Voting Age	161,385	82,859
			51.34%
District 037			
County: Bartow GA			
	Total:	11,130	646
			5.80%
	Voting Age	8,818	435
			4.93%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

County: Cobb GA			
	Total:	181,541	39,545
			21.78%
	Voting Age	138,961	28,049
			20.18%
District 037 Total			
	Total:	192,671	40,191
			20.86%
	Voting Age	147,779	28,484
			19.27%
District 038			
County: Cobb GA			
	Total:	124,794	43,724
			35.04%
	Voting Age	98,162	33,536
			34.16%
County: Fulton GA			
	Total:	64,882	61,294
			94.47%
	Voting Age	48,993	46,300
			94.50%
District 038 Total			
	Total:	189,676	105,018
			55.37%
	Voting Age	147,155	79,836
			54.25%
District 039			
County: Coweta GA			
	Total:	146,158	28,289
			19.36%
	Voting Age	111,155	20,196
			18.17%
County: Fayette GA			
	Total:	44,452	4,166
			9.37%
	Voting Age	33,453	2,909
			8.70%
District 039 Total			
	Total:	190,610	32,455
			17.03%
	Voting Age	144,608	23,105
			15.98%
District 040			
County: DeKalb GA			
	Total:	164,997	27,095
			16.42%
	Voting Age	127,423	21,898
			17.19%
County: Gwinnett GA			
	Total:	25,547	8,624
			33.76%
	Voting Age	19,577	6,379
			32.58%
District 040 Total			

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

Total:	190,544	35,719
		18.75%
Voting Age	147,000	28,277
		19.24%
District 041		
County: DeKalb GA		
Total:	168,540	119,186
		70.72%
Voting Age	129,439	90,227
		69.71%
County: Gwinnett GA		
Total:	21,948	5,603
		25.53%
Voting Age	16,402	3,937
		24.00%
District 041 Total		
Total:	190,488	124,789
		65.51%
Voting Age	145,841	94,164
		64.57%
District 042		
County: DeKalb GA		
Total:	190,522	52,217
		27.41%
Voting Age	151,327	40,946
		27.06%
District 042 Total		
Total:	190,522	52,217
		27.41%
Voting Age	151,327	40,946
		27.06%
District 043		
County: DeKalb GA		
Total:	35,612	32,812
		92.14%
Voting Age	26,753	24,552
		91.77%
County: Newton GA		
Total:	112,483	55,901
		49.70%
Voting Age	84,748	40,433
		47.71%
County: Rockdale GA		
Total:	44,132	25,989
		58.89%
Voting Age	33,057	18,811
		56.90%
District 043 Total		
Total:	192,227	114,702
		59.67%
Voting Age	144,558	83,796
		57.97%
District 044		
County: Butts GA		

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

Total:	25,434	7,212
		28.36%
Voting Age	20,360	5,660
		27.80%
County: Jasper GA		
Total:	14,588	2,676
		18.34%
Voting Age	11,118	1,966
		17.68%
County: Jones GA		
Total:	28,347	7,114
		25.10%
Voting Age	21,575	5,341
		24.76%
County: Lamar GA		
Total:	18,500	5,220
		28.22%
Voting Age	14,541	4,017
		27.63%
County: Monroe GA		
Total:	19,085	5,241
		27.46%
Voting Age	14,826	4,069
		27.45%
County: Morgan GA		
Total:	20,097	4,339
		21.59%
Voting Age	15,574	3,280
		21.06%
County: Putnam GA		
Total:	22,047	5,701
		25.86%
Voting Age	17,847	4,229
		23.70%
County: Walton GA		
Total:	43,630	7,743
		17.75%
Voting Age	33,050	5,481
		16.58%
District 044 Total		
Total:	191,728	45,246
		23.60%
Voting Age	148,891	34,043
		22.86%
District 045		
County: Barrow GA		
Total:	14,237	1,139
		8.00%
Voting Age	10,926	777
		7.11%
County: Gwinnett GA		
Total:	178,773	42,002
		23.49%
Voting Age	130,468	29,007

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

		22.23%
District 045 Total		
Total:	193,010	43,141
		22.35%
Voting Age	141,394	29,784
		21.06%
District 046		
County: Clarke GA		
Total:	128,671	33,672
		26.17%
Voting Age	106,830	24,776
		23.19%
County: Greene GA		
Total:	18,915	6,027
		31.86%
Voting Age	15,358	4,470
		29.11%
County: Oconee GA		
Total:	41,799	2,280
		5.45%
Voting Age	30,221	1,660
		5.49%
District 046 Total		
Total:	189,385	41,979
		22.17%
Voting Age	152,409	30,906
		20.28%
District 047		
County: Barrow GA		
Total:	69,268	10,768
		15.55%
Voting Age	51,269	7,445
		14.52%
County: Jackson GA		
Total:	75,907	6,148
		8.10%
Voting Age	56,451	4,268
		7.56%
County: Madison GA		
Total:	30,120	3,196
		10.61%
Voting Age	23,112	2,225
		9.63%
County: Oglethorpe GA		
Total:	14,825	2,468
		16.65%
Voting Age	11,639	1,853
		15.92%
District 047 Total		
Total:	190,120	22,580
		11.88%
Voting Age	142,471	15,791
		11.08%
District 048		

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

County: Forsyth GA			
	Total:	60,607	2,716
			4.48%
	Voting Age	41,997	1,790
			4.26%
County: Fulton GA			
	Total:	83,219	9,960
			11.97%
	Voting Age	61,631	7,027
			11.40%
County: Gwinnett GA			
	Total:	46,297	6,203
			13.40%
	Voting Age	33,367	4,151
			12.44%
District 048 Total			
	Total:	190,123	18,879
			9.93%
	Voting Age	136,995	12,968
			9.47%
District 049			
County: Hall GA			
	Total:	192,420	16,310
			8.48%
	Voting Age	146,234	11,610
			7.94%
District 049 Total			
	Total:	192,420	16,310
			8.48%
	Voting Age	146,234	11,610
			7.94%
District 050			
County: Banks GA			
	Total:	18,035	589
			3.27%
	Voting Age	13,900	365
			2.63%
County: Franklin GA			
	Total:	23,424	2,207
			9.42%
	Voting Age	18,307	1,523
			8.32%
County: Habersham GA			
	Total:	46,031	2,165
			4.70%
	Voting Age	35,878	1,675
			4.67%
County: Hall GA			
	Total:	10,716	696
			6.49%
	Voting Age	7,610	484
			6.36%
County: Hart GA			
	Total:	25,828	4,732

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

			18.32%
	Voting Age	20,436	3,447
			16.87%
County: Rabun GA			
	Total:	16,883	210
			1.24%
	Voting Age	13,767	129
			0.94%
County: Stephens GA			
	Total:	26,784	3,527
			13.17%
	Voting Age	21,163	2,467
			11.66%
County: Towns GA			
	Total:	12,493	168
			1.34%
	Voting Age	10,923	137
			1.25%
County: White GA			
	Total:	12,642	198
			1.57%
	Voting Age	10,253	124
			1.21%
District 050 Total			
	Total:	192,836	14,492
			7.52%
	Voting Age	152,237	10,351
			6.80%
District 051			
County: Dawson GA			
	Total:	26,798	392
			1.46%
	Voting Age	21,441	249
			1.16%
County: Fannin GA			
	Total:	25,319	199
			0.79%
	Voting Age	21,188	133
			0.63%
County: Gilmer GA			
	Total:	31,353	296
			0.94%
	Voting Age	25,417	161
			0.63%
County: Lumpkin GA			
	Total:	33,488	685
			2.05%
	Voting Age	27,689	507
			1.83%
County: Pickens GA			
	Total:	33,216	512
			1.54%
	Voting Age	26,799	319
			1.19%

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

County: Union GA		
Total:	24,632	228
		0.93%
Voting Age	20,808	147
		0.71%
County: White GA		
Total:	15,361	523
		3.40%
Voting Age	12,229	360
		2.94%
District 051 Total		
Total:	190,167	2,835
		1.49%
Voting Age	155,571	1,876
		1.21%
District 052		
County: Bartow GA		
Total:	97,771	12,749
		13.04%
Voting Age	74,752	8,942
		11.96%
County: Floyd GA		
Total:	85,090	14,081
		16.55%
Voting Age	65,739	10,019
		15.24%
County: Gordon GA		
Total:	7,938	266
		3.35%
Voting Age	6,129	159
		2.59%
District 052 Total		
Total:	190,799	27,096
		14.20%
Voting Age	146,620	19,120
		13.04%
District 053		
County: Catoosa GA		
Total:	67,872	2,642
		3.89%
Voting Age	52,448	1,684
		3.21%
County: Chattooga GA		
Total:	24,965	2,865
		11.48%
Voting Age	19,416	2,235
		11.51%
County: Dade GA		
Total:	16,251	228
		1.40%
Voting Age	12,987	140
		1.08%
County: Floyd GA		
Total:	13,494	1,525

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

			11.30%
	Voting Age	10,556	1,045
			9.90%
County: Walker GA			
	Total:	67,654	3,664
			5.42%
	Voting Age	52,794	2,454
			4.65%
District 053 Total			
	Total:	190,236	10,924
			5.74%
	Voting Age	148,201	7,558
			5.10%
District 054			
County: Gordon GA			
	Total:	49,606	2,653
			5.35%
	Voting Age	37,371	1,780
			4.76%
County: Murray GA			
	Total:	39,973	556
			1.39%
	Voting Age	30,210	321
			1.06%
County: Whitfield GA			
	Total:	102,864	4,919
			4.78%
	Voting Age	76,262	3,349
			4.39%
District 054 Total			
	Total:	192,443	8,128
			4.22%
	Voting Age	143,843	5,450
			3.79%
District 055			
County: DeKalb GA			
	Total:	31,005	28,400
			91.60%
	Voting Age	23,965	21,931
			91.51%
County: Gwinnett GA			
	Total:	108,700	62,915
			57.88%
	Voting Age	80,126	44,219
			55.19%
County: Walton GA			
	Total:	53,043	11,061
			20.85%
	Voting Age	40,048	7,684
			19.19%
District 055 Total			
	Total:	192,748	102,376
			53.11%
	Voting Age	144,139	73,834

Plan Components with Population Detail

APA_Cooper_Sen_illustrative12_05

		51.22%
District 056		
County: Cherokee GA		
Total:	66,605	5,967
		8.96%
Voting Age	51,115	4,197
		8.21%
County: Cobb GA		
Total:	89,893	6,696
		7.45%
Voting Age	66,553	4,697
		7.06%
County: Fulton GA		
Total:	34,728	2,792
		8.04%
Voting Age	26,780	2,046
		7.64%
District 056 Total		
Total:	191,226	15,455
		8.08%
Voting Age	144,448	10,940
		7.57%

EXHIBIT 7

User:
Plan Name: **APA_Cooper_Sen_illustrative12_05**
Plan Type:

ore onstituencies

ore onstituencies

APA_Cooper_Sen_illustrative12_05

From Plan: **oo er enate i ustrative**

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 001	166,947 87 20	46,568 89 88	127,451 87 62	32,937 90 26
Dist 002	2,829 1 48	569 1 10	2,219 1 53	400 1 10
Dist 004	21,676 11 32	4,675 9 02	15,791 10 86	3,155 8 65
Total and Population		51,812 27 06	145,461 75 98	36,492 19 06

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 001	2,784 1 44	360 0 37	2,343 1 53	292 0 41
Dist 002	190,358 98 56	95,684 99 63	150,810 98 47	70,664 99 59
Total and Population		96,044 49 73	153,153 79 30	70,956 36 74

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 003	169,877 88 84	37,427 84 60	132,234 88 80	26,643 84 46
Dist 007	21,335 11 16	6,811 15 40	16,681 11 20	4,902 15 54
Total and Population		44,238 23 14	148,915 77 88	31,545 16 50

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 001	20,691 10 81	6,211 12 57	15,943 10 86	4,455 12 35
Dist 004	157,121 82 09	39,200 79 32	120,583 82 17	28,702 79 60
Dist 008	13,588 7 10	4,010 8 11	10,226 6 97	2,903 8 05
Total and Population		49,421 25 82	146,752 76 67	36,060 18 84

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 005	89,915 46 54	33,981 56 06	65,690 45 19	24,009 55 65
Dist 009	19,016 9 84	5,854 9 66	14,246 9 80	4,037 9 36
Dist 045	84,272 43 62	20,778 34 28	65,412 45 00	15,097 34 99
Total and Population		60,613 31 37	145,348 75 23	43,143 22 33

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 006	2,398 1 25	1,337 2 91	1,967 1 26	1,028 2 76
Dist 032	40,391 21 10	5,912 12 87	32,337 20 76	4,766 12 80
Dist 033	49,460 25 84	16,825 36 62	41,119 26 40	13,265 35 63
Dist 038	58,005 30 31	15,346 33 40	46,673 29 96	12,554 33 72
Dist 039	24,199 12 64	5,121 11 15	20,801 13 35	4,506 12 10
Dist 056	16,948 8 85	1,405 3 06	12,884 8 27	1,112 2 99
Total and Population		45,946 24 01	155,781 81 39	37,231 19 45

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 005	54,149 28 49	10,470 25 50	38,819 27 20	7,841 26 06
Dist 041	19,231 10 12	3,643 8 87	13,936 9 76	2,716 9 03
Dist 045	19,177 10 09	6,840 16 66	14,656 10 27	4,975 16 53
Dist 048	97,520 51 31	20,104 48 97	75,325 52 77	14,560 48 38
Total and Population		41,057 21 60	142,736 75 09	30,092 15 83

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 003	19,716 10 25	1,801 2 91	14,899 10 26	1,262 2 86
Dist 007	164,394 85 45	58,700 95 01	124,116 85 51	41,899 95 01
Dist 008	8,286 4 31	1,284 2 08	6,129 4 22	937 2 12
Total and Population		61,785 32 11	145,144 75 44	44,098 22 92

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 005	19,954 10 36	5,774 9 52	14,745 10 42	4,359 10 42
Dist 009	63,009 32 73	27,441 45 23	45,752 32 34	18,689 44 67
Dist 041	25,164 13 07	5,931 9 78	18,186 12 86	4,239 10 13
Dist 055	84,390 43 84	21,524 35 48	62,777 44 38	14,547 34 77
Total and Population		60,670 31 51	141,460 73 48	41,834 21 73

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 010	192,564 100 00	137,163 100 00	150,543 100 00	105,014 100 00
Total and Population		137,163 71 23	150,543 78 18	105,014 54 53

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 011	180,829 95 19	58,871 95 01	137,320 94 97	42,612 94 93
Dist 012	9,147 4 81	3,093 4 99	7,277 5 03	2,275 5 07
Total and Population		61,964 32 62	144,597 76 11	44,887 23 63

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 012	183,850 96 35	112,709 97 48	143,578 96 26	84,224 97 41
Dist 018	6,969 3 65	2,912 2 52	5,576 3 74	2,241 2 59
Total and Population		115,621 60 59	149,154 78 17	86,465 45 31

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 007	5,909 3 12	738 1 25	4,434 3 04	523 1 21
Dist 011	12,251 6 47	1,460 2 48	9,256 6 35	976 2 26
Dist 013	25,960 13 71	9,698 16 47	20,383 13 99	7,438 17 25
Dist 018	53,947 28 48	13,272 22 54	41,120 28 23	9,611 22 29
Dist 020	91,352 48 23	33,726 57 27	70,488 48 39	24,564 56 98
Total and Population		58,894 31 09	145,681 76 91	43,112 22 76

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 040	50,440 26 20	8,197 21 91	40,247 25 91	6,071 20 60
Dist 048	20,086 10 43	2,145 5 73	14,949 9 62	1,575 5 34
Dist 056	122,007 63 37	27,067 72 35	100,144 64 47	21,824 74 05
Total and Population		37,409 19 43	155,340 80 68	29,470 15 31

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 015	147,938 78 09	90,333 85 58	112,067 77 55	66,166 84 78
Dist 018	29,426 15 53	7,927 7 51	22,501 15 57	5,853 7 50
Dist 026	12,082 6 38	7,296 6 91	9,938 6 88	6,021 7 72
Total and Population		105,556 55 72	144,506 76 28	78,040 41 19

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 028	11,663 6 14	5,043 4 54	8,823 6 16	3,534 4 37
Dist 044	178,429 93 86	105,949 95 46	134,312 93 84	77,363 95 63
Total and Population		110,992 58 39	143,135 75 30	80,897 42 56

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 017	190,669 99 66	121,538 99 52	144,304 99 67	90,131 99 53
Dist 043	650 0 34	589 0 48	474 0 33	425 0 47
Total and Population		122,127 63 83	144,778 75 67	90,556 47 33

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 016	46,589 24 21	9,937 17 80	36,048 24 07	7,456 17 75

Dist 018	67,746	35 21	17,847	31 97	54,134	36 15	13,765	32 77
Dist 020	43,883	22 81	12,338	22 10	32,816	21 92	9,024	21 48
Dist 026	34,197	17 77	15,697	28 12	26,743	17 86	11,762	28 00
Total and Population			55,819	29 01	149,741	77 82	42,007	21 83

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 008	156,609	81 46	38,140	79 85	117,536	81 29	27,383	80 07
Dist 013	35,640	18 54	9,626	20 15	27,053	18 71	6,817	19 93
Total and Population			47,766	24 85	144,589	75 21	34,200	17 79

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 030	39,691	20 81	17,827	14 95	29,590	20 67	12,474	14 41
Dist 035	59,307	31 09	47,483	39 82	44,498	31 08	34,961	40 40
Dist 038	91,741	48 10	53,928	45 23	69,089	48 25	39,108	45 19
Total and Population			119,238	62 51	143,177	75 06	86,543	45 37

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 014	60,359	31 34	4,054	26 17	45,864	31 60	2,760	25 50
Dist 021	110,343	57 30	9,404	60 70	82,875	57 11	6,588	60 87
Dist 048	5,319	2 76	857	5 53	4,311	2 97	639	5 90
Dist 056	16,551	8 59	1,177	7 60	12,070	8 32	836	7 72
Total and Population			15,492	8 04	145,120	75 36	10,823	5 62

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 022	178,698	94 29	98,630	97 06	140,174	94 13	72,665	96 90
Dist 023	1,840	0 97	1,227	1 21	1,522	1 02	993	1 32
Dist 024	8,980	4 74	1,764	1 74	7,213	4 84	1,332	1 78
Total and Population			101,621	53 62	148,909	78 57	74,990	39 57

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 022	13,398	7 05	8,114	8 12	10,079	6 74	5,699	7 59
Dist 023	173,381	91 21	89,427	89 52	136,837	91 56	67,576	90 04
Dist 024	3,302	1 74	2,356	2 36	2,538	1 70	1,773	2 36
Total and Population			99,897	52 55	149,454	78 63	75,048	39 48

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 024	162,273	85 59	34,149	81 54	119,936	84 64	23,571	80 12
Dist 050	27,327	14 41	7,732	18 46	21,763	15 36	5,850	19 88

Total and	Population	41,881	22 09	141,699	74 74	29,421	15 52

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 004	10,981	5 71	2,807	4 51	8,241	5 57	2,009	4 37
Dist 008	12,477	6 49	4,754	7 65	10,190	6 88	3,806	8 28
Dist 013	127,912	66 55	43,974	70 73	99,001	66 88	32,448	70 63
Dist 020	40,827	21 24	10,636	17 11	30,589	20 67	7,677	16 71
Total and Population			62,171	32 35	148,021	77 02	45,940	23 90

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 018	15,229	7 88	5,789	5 34	11,768	8 08	3,986	5 19
Dist 020	14,610	7 56	5,212	4 81	10,689	7 34	3,506	4 56
Dist 023	17,798	9 21	11,384	10 50	12,536	8 61	7,696	10 01
Dist 026	145,527	75 34	86,035	79 35	110,561	75 96	61,680	80 24
Total and Population			108,420	56 13	145,554	75 35	76,868	39 79

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 019	15,216	7 98	768	7 31	10,519	7 56	516	7 41
Dist 027	175,460	92 02	9,738	92 69	128,677	92 44	6,445	92 59
Total and Population			10,506	5 51	139,196	73 00	6,961	3 65

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 028	177,848	93 66	99,290	97 57	135,736	93 56	72,700	97 64
Dist 044	12,044	6 34	2,473	2 43	9,340	6 44	1,754	2 36
Total and Population			101,763	53 59	145,076	76 40	74,454	39 21

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 015	42,076	22 21	10,973	20 40	32,150	22 07	7,787	19 89
Dist 016	20,613	10 88	7,547	14 03	16,526	11 34	5,845	14 93
Dist 029	126,735	66 91	35,266	65 57	96,998	66 59	25,518	65 18
Total and Population			53,786	28 39	145,674	76 90	39,150	20 67

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 029	50,573	26 31	7,077	20 90	39,511	27 01	5,478	22 57
Dist 030	104,160	54 18	24,505	72 38	78,246	53 49	17,212	70 90
Dist 031	37,505	19 51	2,272	6 71	28,525	19 50	1,585	6 53
Total and Population			33,854	17 61	146,282	76 09	24,275	12 63

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 030	47,197 24 51	15,799 36 69	35,454 24 92	11,120 37 77
Dist 031	145,363 75 49	27,265 63 31	106,797 75 08	18,320 62 23
Total and Population		43,064 22 36	142,251 73 87	29,440 15 29

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 014	90,981 47 28	9,461 31 50	69,190 46 16	6,571 29 50
Dist 032	61,714 32 07	9,382 31 23	47,983 32 01	6,690 30 04
Dist 033	27,691 14 39	7,158 23 83	21,899 14 61	5,507 24 72
Dist 037	12,062 6 27	4,038 13 44	10,807 7 21	3,506 15 74
Total and Population		30,039 15 61	149,879 77 88	22,274 11 57

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 006	170,937 90 27	87,369 86 48	127,889 89 89	64,186 85 77
Dist 033	5,268 2 78	1,130 1 12	4,171 2 93	911 1 22
Dist 035	1,388 0 73	1,346 1 33	1,044 0 73	1,009 1 35
Dist 038	11,773 6 22	11,178 11 06	9,171 6 45	8,727 11 66
Total and Population		101,023 53 35	142,275 75 13	74,833 39 52

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 034	192,385 99 98	150,064 99 99	141,537 99 99	110,176 99 99
Dist 035	35 0 02	22 0 01	18 0 01	8 0 01
Total and Population		150,086 78 00	141,555 73 57	110,184 57 26

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 035	33,637 17 60	32,013 26 38	25,457 16 29	24,096 25 37
Dist 036	39,520 20 68	26,932 22 19	30,447 19 49	20,533 21 62
Dist 038	1,402 0 73	1,322 1 09	1,088 0 70	1,019 1 07
Dist 039	116,561 60 99	61,086 50 34	99,240 63 52	49,337 51 94
Total and Population		121,353 63 50	156,232 81 75	94,985 49 70

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P
Dist 036	150,189 78 11	76,183 72 89	124,591 77 20	59,142 71 38
Dist 039	42,093 21 89	28,340 27 11	36,794 22 80	23,717 28 62
Total and Population		104,523 54 36	161,385 83 93	82,859 43 09

P an P oo er en i ustrative District Tota Po u ation

	Po u ation	P	Po	P

Dist 014	11,130	5 78	646	1 61	8,818	5 97	435	1 53
Dist 033	2,099	1 09	1,013	2 52	1,705	1 15	740	2 60
Dist 037	179,442	93 13	38,532	95 87	137,256	92 88	27,309	95 87
Total and Population			40,191	20 86	147,779	76 70	28,484	14 78

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 006	18,827	9 93	9,424	8 97	14,872	10 11	7,304	9 15
Dist 033	105,967	55 87	34,300	32 66	83,290	56 60	26,232	32 86
Dist 035	27,452	14 47	26,349	25 09	21,202	14 41	20,362	25 50
Dist 038	27,766	14 64	25,817	24 58	20,346	13 83	18,909	23 68
Dist 039	9,664	5 10	9,128	8 69	7,445	5 06	7,029	8 80
Total and Population			105,018	55 37	147,155	77 58	79,836	42 09

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 016	106,486	55 87	15,173	46 75	80,702	55 81	10,766	46 60
Dist 029	15,255	8 00	1,873	5 77	11,722	8 11	1,341	5 80
Dist 035	68,869	36 13	15,409	47 48	52,184	36 09	10,998	47 60
Total and Population			32,455	17 03	144,608	75 87	23,105	12 12

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 005	25,547	13 41	8,624	24 14	19,577	13 32	6,379	22 56
Dist 040	132,310	69 44	23,115	64 71	101,876	69 30	18,624	65 86
Dist 042	32,687	17 15	3,980	11 14	25,547	17 38	3,274	11 58
Total and Population			35,719	18 75	147,000	77 15	28,277	14 84

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 009	2,640	1 39	531	0 43	1,952	1 34	359	0 38
Dist 040	5,692	2 99	644	0 52	4,511	3 09	453	0 48
Dist 041	117,331	61 59	72,115	57 79	88,811	60 90	53,669	57 00
Dist 055	64,825	34 03	51,499	41 27	50,567	34 67	39,683	42 14
Total and Population			124,789	65 51	145,841	76 56	94,164	49 43

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 040	2,177	1 14	163	0 31	1,752	1 16	141	0 34
Dist 041	30,304	15 91	16,368	31 35	22,362	14 78	11,689	28 55
Dist 042	158,041	82 95	35,686	68 34	127,213	84 06	29,116	71 11
Total and Population			52,217	27 41	151,327	79 43	40,946	21 49

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	

Dist 043	192,227	100 00	114,702	100 00	144,558	100 00	83,796	100 00
Total and Population			114,702	59 67	144,558	75 20	83,796	43 59

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 016	18,500	9 65	5,220	11 54	14,541	9 77	4,017	11 80
Dist 018	19,085	9 95	5,241	11 58	14,826	9 96	4,069	11 95
Dist 025	151,690	79 12	34,568	76 40	117,347	78 81	25,791	75 76
Dist 046	2,453	1 28	217	0 48	2,177	1 46	166	0 49
Total and Population			45,246	23 60	148,891	77 66	34,043	17 76

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 009	6,848	3 55	2,681	6 21	4,804	3 40	1,798	6 04
Dist 019	85,428	44 26	16,228	37 62	62,314	44 07	11,252	37 78
Dist 045	86,497	44 81	23,093	53 53	63,350	44 80	15,957	53 58
Dist 047	14,237	7 38	1,139	2 64	10,926	7 73	777	2 61
Total and Population			43,141	22 35	141,394	73 26	29,784	15 43

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 046	189,385	100 00	41,979	100 00	152,409	100 00	30,906	100 00
Total and Population			41,979	22 17	152,409	80 48	30,906	16 32

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 024	14,825	7 80	2,468	10 93	11,639	8 17	1,853	11 73
Dist 047	166,520	87 59	18,799	83 26	124,166	87 15	12,975	82 17
Dist 050	8,775	4 62	1,313	5 81	6,666	4 68	963	6 10
Total and Population			22,580	11 88	142,471	74 94	15,791	8 31

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 019	90,037	47 36	8,266	43 78	64,009	46 72	5,527	42 62
Dist 021	13,280	6 98	1,406	7 45	9,828	7 17	1,025	7 90
Dist 027	16,867	8 87	653	3 46	11,355	8 29	414	3 19
Dist 048	69,939	36 79	8,554	45 31	51,803	37 81	6,002	46 28
Total and Population			18,879	9 93	136,995	72 06	12,968	6 82

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 049	182,304	94 74	15,913	97 57	138,450	94 68	11,349	97 75
Dist 051	10,116	5 26	397	2 43	7,784	5 32	261	2 25

Total and	Population		16,310	8 48	146,234	76 00	11,610 6 03

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 049	10,716	5 56	696	4 80	7,610	5 00	484	4 68
Dist 050	156,985	81 41	13,430	92 67	123,451	81 09	9,606	92 80
Dist 051	25,135	13 03	366	2 53	21,176	13 91	261	2 52
Total and Population			14,492	7 52	152,237	78 95	10,351	5 37

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 051	156,951	82 53	2,323	81 94	128,772	82 77	1,557	83 00
Dist 054	33,216	17 47	512	18 06	26,799	17 23	319	17 00
Total and Population			2,835	1 49	155,571	81 81	1,876	0 99

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 014	26,938	14 12	5,276	19 47	20,932	14 28	3,615	18 91
Dist 031	9,970	5 23	736	2 72	7,549	5 15	507	2 65
Dist 052	145,298	76 15	20,872	77 03	111,501	76 05	14,872	77 78
Dist 054	8,593	4 50	212	0 78	6,638	4 53	126	0 66
Total and Population			27,096	14 20	146,620	76 85	19,120	10 02

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 052	13,494	7 09	1,525	13 96	10,556	7 12	1,045	13 83
Dist 053	176,742	92 91	9,399	86 04	137,645	92 88	6,513	86 17
Total and Population			10,924	5 74	148,201	77 90	7,558	3 97

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 052	30,605	15 90	2,132	26 23	23,029	16 01	1,451	26 62
Dist 053	13,811	7 18	447	5 50	10,526	7 32	288	5 28
Dist 054	148,027	76 92	5,549	68 27	110,288	76 67	3,711	68 09
Total and Population			8,128	4 22	143,843	74 75	5,450	2 83

P an P oo er en i ustrative District Tota Po u ation

	Po u ation		P		Po		P	
Dist 009	99,404	51 57	64,798	63 29	73,181	50 77	46,303	62 71
Dist 025	41,463	21 51	9,957	9 73	31,163	21 62	6,897	9 34
Dist 047	11,580	6 01	1,104	1 08	8,885	6 16	787	1 07
Dist 055	40,301	20 91	26,517	25 90	30,910	21 44	19,847	26 88
Total and Population			102,376	53 11	144,139	74 78	73,834	38 31

P an P oo er en i ustrative District Tota Po u ation

ore onstituencies

	Po u ation	P	Po	P
Dist 021	66,605 34 83	5,967 38 61	51,115 35 39	4,197 38 36
Dist 032	89,893 47 01	6,696 43 33	66,553 46 07	4,697 42 93
Dist 056	34,728 18 16	2,792 18 07	26,780 18 54	2,046 18 70
Total and Population		15,455 8 08	144,448 75 54	10,940 5 72

EXHIBIT 8

User:
Plan Name: **APA_Cooper_Sen_illustrative12_05**
Plan Type:

Core Constituencies

Core Constituencies

APA_Cooper_Sen_illustrative12_05

From Plan: **GA_Senate2021**

Plan: APA_Cooper_Sen_illustrative12_05, District 001 -- **191,452 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 001	191,402 (99.97%)	51,779 (99.94%)	145,428 (99.98%)	36,468 (99.93%)
Dist. 002	50 (0.03%)	33 (0.06%)	33 (0.02%)	24 (0.07%)
Dist. 004	0 (0.00%)	0 (0.00%)	(0.00%)	(0.00%)
Total and % Population		51,812 (27.06%)	145,461 (75.98%)	36,492 (19.06%)

Plan: APA_Cooper_Sen_illustrative12_05, District 002 -- **193,142 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 002	190,358 (98.56%)	95,684 (99.63%)	150,810 (98.47%)	70,664 (99.59%)
Dist. 004	2,784 (1.44%)	360 (0.37%)	2,343 (1.53%)	292 (0.41%)
Total and % Population		96,044 (49.73%)	153,153 (79.30%)	70,956 (36.74%)

Plan: APA_Cooper_Sen_illustrative12_05, District 003 -- **191,212 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 003	191,212 (100.00%)	44,238 (100.00%)	148,915 (100.00%)	31,545 (100.00%)
Total and % Population		44,238 (23.14%)	148,915 (77.88%)	31,545 (16.50%)

Plan: APA_Cooper_Sen_illustrative12_05, District 004 -- **191,400 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 004	177,333 (92.65%)	43,894 (88.82%)	135,859 (92.58%)	31,916 (88.51%)
Dist. 023	14,067 (7.35%)	5,527 (11.18%)	10,893 (7.42%)	4,144 (11.49%)
Total and % Population		49,421 (25.82%)	146,752 (76.67%)	36,060 (18.84%)

Plan: APA_Cooper_Sen_illustrative12_05, District 005 -- **193,203 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 005	91,990 (47.61%)	34,515 (56.94%)	67,352 (46.34%)	24,399 (56.55%)
Dist. 007	84,272 (43.62%)	20,778 (34.28%)	65,412 (45.00%)	15,097 (34.99%)
Dist. 009	16,941 (8.77%)	5,320 (8.78%)	12,584 (8.66%)	3,647 (8.45%)
Total and % Population		60,613 (31.37%)	145,348 (75.23%)	43,143 (22.33%)

Plan: APA_Cooper_Sen_illustrative12_05, District 006 -- **191,401 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]

Core Constituencies

Dist. 006	191,401 (100.00%)	45,946 (100.00%)	155,781 (100.00%)	37,231 (100.00%)
Total and % Population		45,946 (24.01%)	155,781 (81.39%)	37,231 (19.45%)

Plan: APA_Cooper_Sen_illustrative12_05, District 007 -- 190,077 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 005	80,174 (42.18%)	17,525 (42.68%)	57,435 (40.24%)	13,032 (43.31%)
Dist. 007	105,437 (55.47%)	22,785 (55.50%)	82,013 (57.46%)	16,504 (54.85%)
Dist. 009	4,466 (2.35%)	747 (1.82%)	3,288 (2.30%)	556 (1.85%)
Total and % Population		41,057 (21.60%)	142,736 (75.09%)	30,092 (15.83%)

Plan: APA_Cooper_Sen_illustrative12_05, District 008 -- 192,396 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 008	192,396 (100.00%)	61,785 (100.00%)	145,144 (100.00%)	44,098 (100.00%)
Total and % Population		61,785 (32.11%)	145,144 (75.44%)	44,098 (22.92%)

Plan: APA_Cooper_Sen_illustrative12_05, District 009 -- 192,517 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 005	19,757 (10.26%)	5,679 (9.36%)	14,607 (10.33%)	4,305 (10.29%)
Dist. 009	159,663 (82.93%)	51,304 (84.56%)	117,419 (83.01%)	35,112 (83.93%)
Dist. 055	13,097 (6.80%)	3,687 (6.08%)	9,434 (6.67%)	2,417 (5.78%)
Total and % Population		60,670 (31.51%)	141,460 (73.48%)	41,834 (21.73%)

Plan: APA_Cooper_Sen_illustrative12_05, District 010 -- 192,564 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 010	104,168 (54.10%)	76,113 (55.49%)	80,008 (53.15%)	57,364 (54.63%)
Dist. 017	9,972 (5.18%)	3,989 (2.91%)	7,690 (5.11%)	2,808 (2.67%)
Dist. 042	27,375 (14.22%)	18,222 (13.28%)	22,025 (14.63%)	14,574 (13.88%)
Dist. 044	51,049 (26.51%)	38,839 (28.32%)	40,820 (27.12%)	30,268 (28.82%)
Total and % Population		137,163 (71.23%)	150,543 (78.18%)	105,014 (54.53%)

Plan: APA_Cooper_Sen_illustrative12_05, District 011 -- 189,976 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 011	189,976 (100.00%)	61,964 (100.00%)	144,597 (100.00%)	44,887 (100.00%)
Total and % Population		61,964 (32.62%)	144,597 (76.11%)	44,887 (23.63%)

Plan: APA_Cooper_Sen_illustrative12_05, District 012 -- 190,819 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 012	190,819 (100.00%)	115,621 (100.00%)	149,154 (100.00%)	86,465 (100.00%)
Total and % Population		115,621 (60.59%)	149,154 (78.17%)	86,465 (45.31%)

Plan: APA_Cooper_Sen_illustrative12_05, District 013 -- 189,419 Total Population

Core Constituencies

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 013	169,445 (89.46%)	50,081 (85.04%)	129,276 (88.74%)	35,893 (83.26%)
Dist. 020	19,974 (10.54%)	8,813 (14.96%)	16,405 (11.26%)	7,219 (16.74%)
Total and % Population		58,894 (31.09%)	145,681 (76.91%)	43,112 (22.76%)

Plan: APA_Cooper_Sen_illustrative12_05, District 014 -- **192,533 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 014	192,533 (100.00%)	37,409 (100.00%)	155,340 (100.00%)	29,470 (100.00%)
Total and % Population		37,409 (19.43%)	155,340 (80.68%)	29,470 (15.31%)

Plan: APA_Cooper_Sen_illustrative12_05, District 015 -- **189,446 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 015	189,446 (100.00%)	105,556 (100.00%)	144,506 (100.00%)	78,040 (100.00%)
Dist. 029	0 (0.00%)	0 (0.00%)	(0.00%)	(0.00%)
Total and % Population		105,556 (55.72%)	144,506 (76.28%)	78,040 (41.19%)

Plan: APA_Cooper_Sen_illustrative12_05, District 016 -- **190,092 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 010	50,174 (26.39%)	28,100 (25.32%)	37,903 (26.48%)	20,244 (25.02%)
Dist. 016	25,726 (13.53%)	7,534 (6.79%)	20,366 (14.23%)	5,466 (6.76%)
Dist. 025	29,799 (15.68%)	16,777 (15.12%)	21,564 (15.07%)	11,643 (14.39%)
Dist. 034	5,384 (2.83%)	2,796 (2.52%)	3,932 (2.75%)	2,087 (2.58%)
Dist. 044	79,009 (41.56%)	55,785 (50.26%)	59,370 (41.48%)	41,457 (51.25%)
Total and % Population		110,992 (58.39%)	143,135 (75.30%)	80,897 (42.56%)

Plan: APA_Cooper_Sen_illustrative12_05, District 017 -- **191,319 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 010	38,556 (20.15%)	36,182 (29.63%)	29,973 (20.70%)	28,063 (30.99%)
Dist. 017	72,315 (37.80%)	34,114 (27.93%)	53,078 (36.66%)	23,947 (26.44%)
Dist. 025	11,634 (6.08%)	2,166 (1.77%)	8,641 (5.97%)	1,529 (1.69%)
Dist. 041	6,361 (3.32%)	6,090 (4.99%)	4,757 (3.29%)	4,532 (5.00%)
Dist. 043	58,697 (30.68%)	39,946 (32.71%)	45,342 (31.32%)	29,594 (32.68%)
Dist. 055	3,756 (1.96%)	3,629 (2.97%)	2,987 (2.06%)	2,891 (3.19%)
Total and % Population		122,127 (63.83%)	144,778 (75.67%)	90,556 (47.33%)

Plan: APA_Cooper_Sen_illustrative12_05, District 018 -- **192,415 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 016	18,889 (9.82%)	1,613 (2.89%)	14,337 (9.57%)	1,254 (2.99%)
Dist. 018	136,818 (71.11%)	43,913 (78.67%)	108,023 (72.14%)	33,267 (79.19%)
Dist. 020	36,663 (19.05%)	10,272 (18.40%)	27,346 (18.26%)	7,469 (17.78%)
Dist. 025	45 (0.02%)	21 (0.04%)	35 (0.02%)	17 (0.04%)
Total and % Population		55,819 (29.01%)	149,741 (77.82%)	42,007 (21.83%)

Plan: APA_Cooper_Sen_illustrative12_05, District **192,249 Total Population**

Core Constituencies

APA_Cooper_Sen_illustrative12_05

019 --

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 013	19,881 (10.34%)	4,080 (8.54%)	14,865 (10.28%)	2,978 (8.71%)
Dist. 019	172,368 (89.66%)	43,686 (91.46%)	129,724 (89.72%)	31,222 (91.29%)
Total and % Population		47,766 (24.85%)	144,589 (75.21%)	34,200 (17.79%)

Plan: APA_Cooper_Sen_illustrative12_05, District 020 -- **190,739 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 028	20,047 (10.51%)	7,736 (6.49%)	15,371 (10.74%)	5,459 (6.31%)
Dist. 030	23,454 (12.30%)	12,401 (10.40%)	17,242 (12.04%)	8,698 (10.05%)
Dist. 035	147,238 (77.19%)	99,101 (83.11%)	110,564 (77.22%)	72,386 (83.64%)
Total and % Population		119,238 (62.51%)	143,177 (75.06%)	86,543 (45.37%)

Plan: APA_Cooper_Sen_illustrative12_05, District 021 -- **192,572 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 021	192,572 (100.00%)	15,492 (100.00%)	145,120 (100.00%)	10,823 (100.00%)
Total and % Population		15,492 (8.04%)	145,120 (75.36%)	10,823 (5.62%)

Plan: APA_Cooper_Sen_illustrative12_05, District 022 -- **189,518 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 022	157,847 (83.29%)	88,763 (87.35%)	124,370 (83.52%)	65,682 (87.59%)
Dist. 023	31,671 (16.71%)	12,858 (12.65%)	24,539 (16.48%)	9,308 (12.41%)
Total and % Population		101,621 (53.62%)	148,909 (78.57%)	74,990 (39.57%)

Plan: APA_Cooper_Sen_illustrative12_05, District 023 -- **190,081 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 022	35,316 (18.58%)	27,222 (27.25%)	26,080 (17.45%)	19,327 (25.75%)
Dist. 023	62,042 (32.64%)	27,678 (27.71%)	48,293 (32.31%)	20,816 (27.74%)
Dist. 024	3,302 (1.74%)	2,356 (2.36%)	2,538 (1.70%)	1,773 (2.36%)
Dist. 025	43,799 (23.04%)	18,985 (19.00%)	35,732 (23.91%)	14,515 (19.34%)
Dist. 026	45,622 (24.00%)	23,656 (23.68%)	36,811 (24.63%)	18,617 (24.81%)
Total and % Population		99,897 (52.55%)	149,454 (78.63%)	75,048 (39.48%)

Plan: APA_Cooper_Sen_illustrative12_05, District 024 -- **189,600 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 023	59,796 (31.54%)	17,140 (40.93%)	43,068 (30.39%)	11,461 (38.96%)
Dist. 024	129,804 (68.46%)	24,741 (59.07%)	98,631 (69.61%)	17,960 (61.04%)
Total and % Population		41,881 (22.09%)	141,699 (74.74%)	29,421 (15.52%)

Plan: APA_Cooper_Sen_illustrative12_05, District 025 -- **192,197 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 004	10,981 (5.71%)	2,807 (4.51%)	8,241 (5.57%)	2,009 (4.37%)
Dist. 019	19,948 (10.38%)	7,703 (12.39%)	16,407 (11.08%)	6,367 (13.86%)

Core Constituencies

Dist. 020	129,311 (67.28%)	40,981 (65.92%)	98,579 (66.60%)	29,647 (64.53%)
Dist. 023	22,768 (11.85%)	7,556 (12.15%)	17,320 (11.70%)	5,404 (11.76%)
Dist. 026	9,189 (4.78%)	3,124 (5.02%)	7,474 (5.05%)	2,513 (5.47%)
Total and % Population		62,171 (32.35%)	148,021 (77.02%)	45,940 (23.90%)

Plan: APA_Cooper_Sen_illustrative12_05, District 026 -- 193,164 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 018	35,922 (18.60%)	11,978 (11.05%)	27,347 (18.79%)	8,326 (10.83%)
Dist. 020	6,640 (3.44%)	2,502 (2.31%)	4,703 (3.23%)	1,656 (2.15%)
Dist. 025	15,468 (8.01%)	6,971 (6.43%)	12,045 (8.28%)	4,960 (6.45%)
Dist. 026	135,134 (69.96%)	86,969 (80.21%)	101,459 (69.71%)	61,926 (80.56%)
Total and % Population		108,420 (56.13%)	145,554 (75.35%)	76,868 (39.79%)

Plan: APA_Cooper_Sen_illustrative12_05, District 027 -- 190,676 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 027	190,676 (100.00%)	10,506 (100.00%)	139,196 (100.00%)	6,961 (100.00%)
Total and % Population		10,506 (5.51%)	139,196 (73.00%)	6,961 (3.65%)

Plan: APA_Cooper_Sen_illustrative12_05, District 028 -- 189,892 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 016	84,262 (44.37%)	27,797 (27.32%)	64,436 (44.42%)	19,747 (26.52%)
Dist. 034	49,368 (26.00%)	31,641 (31.09%)	38,482 (26.53%)	23,827 (32.00%)
Dist. 044	56,262 (29.63%)	42,325 (41.59%)	42,158 (29.06%)	30,880 (41.48%)
Total and % Population		101,763 (53.59%)	145,076 (76.40%)	74,454 (39.21%)

Plan: APA_Cooper_Sen_illustrative12_05, District 029 -- 189,424 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 029	189,424 (100.00%)	53,786 (100.00%)	145,674 (100.00%)	39,150 (100.00%)
Total and % Population		53,786 (28.39%)	145,674 (76.90%)	39,150 (20.67%)

Plan: APA_Cooper_Sen_illustrative12_05, District 030 -- 192,238 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 028	24,217 (12.60%)	3,647 (10.77%)	18,447 (12.61%)	2,627 (10.82%)
Dist. 030	168,021 (87.40%)	30,207 (89.23%)	127,835 (87.39%)	21,648 (89.18%)
Total and % Population		33,854 (17.61%)	146,282 (76.09%)	24,275 (12.63%)

Plan: APA_Cooper_Sen_illustrative12_05, District 031 -- 192,560 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 031	192,560 (100.00%)	43,064 (100.00%)	142,251 (100.00%)	29,440 (100.00%)
Total and % Population		43,064 (22.36%)	142,251 (73.87%)	29,440 (15.29%)

Plan: APA_Cooper_Sen_illustrative12_05, District 032 -- 192,448 Total Population

Core Constituencies

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 032	192,448 (100.00%)	30,039 (100.00%)	149,879 (100.00%)	22,274 (100.00%)
Total and % Population		30,039 (15.61%)	149,879 (77.88%)	22,274 (11.57%)

Plan: APA_Cooper_Sen_illustrative12_05, District 033 -- **189,366 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 033	148,519 (78.43%)	69,853 (69.15%)	111,914 (78.66%)	51,428 (68.72%)
Dist. 038	40,847 (21.57%)	31,170 (30.85%)	30,361 (21.34%)	23,405 (31.28%)
Total and % Population		101,023 (53.35%)	142,275 (75.13%)	74,833 (39.52%)

Plan: APA_Cooper_Sen_illustrative12_05, District 034 -- **192,420 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 034	135,916 (70.64%)	99,587 (66.35%)	99,426 (70.24%)	72,726 (66.00%)
Dist. 035	18,800 (9.77%)	17,092 (11.39%)	14,021 (9.90%)	12,625 (11.46%)
Dist. 039	33,988 (17.66%)	32,089 (21.38%)	25,232 (17.82%)	23,839 (21.64%)
Dist. 044	3,716 (1.93%)	1,318 (0.88%)	2,876 (2.03%)	994 (0.90%)
Total and % Population		150,086 (78.00%)	141,555 (73.57%)	110,184 (57.26%)

Plan: APA_Cooper_Sen_illustrative12_05, District 035 -- **191,120 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 035	26,801 (14.02%)	25,503 (21.02%)	20,090 (12.86%)	19,008 (20.01%)
Dist. 038	6,807 (3.56%)	6,527 (5.38%)	5,352 (3.43%)	5,114 (5.38%)
Dist. 039	157,512 (82.42%)	89,323 (73.61%)	130,790 (83.72%)	70,863 (74.60%)
Total and % Population		121,353 (63.50%)	156,232 (81.75%)	94,985 (49.70%)

Plan: APA_Cooper_Sen_illustrative12_05, District 036 -- **192,282 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 036	192,282 (100.00%)	104,523 (100.00%)	161,385 (100.00%)	82,859 (100.00%)
Total and % Population		104,523 (54.36%)	161,385 (83.93%)	82,859 (43.09%)

Plan: APA_Cooper_Sen_illustrative12_05, District 037 -- **192,671 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 037	192,671 (100.00%)	40,191 (100.00%)	147,779 (100.00%)	28,484 (100.00%)
Total and % Population		40,191 (20.86%)	147,779 (76.70%)	28,484 (14.78%)

Plan: APA_Cooper_Sen_illustrative12_05, District 038 -- **189,676 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 033	44,175 (23.29%)	15,011 (14.29%)	34,501 (23.45%)	11,469 (14.37%)
Dist. 038	145,501 (76.71%)	90,007 (85.71%)	112,654 (76.55%)	68,367 (85.63%)
Total and % Population		105,018 (55.37%)	147,155 (77.58%)	79,836 (42.09%)

Plan: APA_Cooper_Sen_illustrative12_05, District **190,610 Total Population**

Core Constituencies

APA_Cooper_Sen_illustrative12_05

039 --

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 016	44,452 (23.32%)	4,166 (12.84%)	33,453 (23.13%)	2,909 (12.59%)
Dist. 028	146,158 (76.68%)	28,289 (87.16%)	111,155 (76.87%)	20,196 (87.41%)
Total and % Population		32,455 (17.03%)	144,608 (75.87%)	23,105 (12.12%)

Plan: APA_Cooper_Sen_illustrative12_05, District 040 -- **190,544 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 040	190,544 (100.00%)	35,719 (100.00%)	147,000 (100.00%)	28,277 (100.00%)
Total and % Population		35,719 (18.75%)	147,000 (77.15%)	28,277 (14.84%)

Plan: APA_Cooper_Sen_illustrative12_05, District 041 -- **190,488 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 009	11,845 (6.22%)	3,638 (2.92%)	8,763 (6.01%)	2,633 (2.80%)
Dist. 041	154,765 (81.25%)	101,199 (81.10%)	118,786 (81.45%)	76,356 (81.09%)
Dist. 042	2,940 (1.54%)	2,473 (1.98%)	2,335 (1.60%)	1,936 (2.06%)
Dist. 055	20,938 (10.99%)	17,479 (14.01%)	15,957 (10.94%)	13,239 (14.06%)
Total and % Population		124,789 (65.51%)	145,841 (76.56%)	94,164 (49.43%)

Plan: APA_Cooper_Sen_illustrative12_05, District 042 -- **190,522 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 041	29,897 (15.69%)	14,473 (27.72%)	21,735 (14.36%)	10,073 (24.60%)
Dist. 042	160,625 (84.31%)	37,744 (72.28%)	129,592 (85.64%)	30,873 (75.40%)
Total and % Population		52,217 (27.41%)	151,327 (79.43%)	40,946 (21.49%)

Plan: APA_Cooper_Sen_illustrative12_05, District 043 -- **192,227 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 017	45,536 (23.69%)	14,670 (12.79%)	34,660 (23.98%)	10,674 (12.74%)
Dist. 043	134,032 (69.73%)	88,097 (76.81%)	100,399 (69.45%)	64,160 (76.57%)
Dist. 055	12,659 (6.59%)	11,935 (10.41%)	9,499 (6.57%)	8,962 (10.70%)
Total and % Population		114,702 (59.67%)	144,558 (75.20%)	83,796 (43.59%)

Plan: APA_Cooper_Sen_illustrative12_05, District 044 -- **191,728 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 016	18,500 (9.65%)	5,220 (11.54%)	14,541 (9.77%)	4,017 (11.80%)
Dist. 017	40,883 (21.32%)	7,082 (15.65%)	31,201 (20.96%)	5,256 (15.44%)
Dist. 018	19,085 (9.95%)	5,241 (11.58%)	14,826 (9.96%)	4,069 (11.95%)
Dist. 025	90,416 (47.16%)	22,703 (50.18%)	70,900 (47.62%)	17,196 (50.51%)
Dist. 046	22,844 (11.91%)	5,000 (11.05%)	17,423 (11.70%)	3,505 (10.30%)
Total and % Population		45,246 (23.60%)	148,891 (77.66%)	34,043 (17.76%)

Plan: APA_Cooper_Sen_illustrative12_05, District 045 -- **193,010 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]

Dist. 045	165,712 (85.86%)	33,648 (78.00%)	121,925 (86.23%)	23,412 (78.61%)
Dist. 046	27,298 (14.14%)	9,493 (22.00%)	19,469 (13.77%)	6,372 (21.39%)
Total and % Population		43,141 (22.35%)	141,394 (73.26%)	29,784 (15.43%)

Plan: APA_Cooper_Sen_illustrative12_05, District 046 -- 189,385 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 024	18,915 (9.99%)	6,027 (14.36%)	15,358 (10.08%)	4,470 (14.46%)
Dist. 046	93,815 (49.54%)	11,304 (26.93%)	75,533 (49.56%)	8,391 (27.15%)
Dist. 047	76,655 (40.48%)	24,648 (58.72%)	61,518 (40.36%)	18,045 (58.39%)
Total and % Population		41,979 (22.17%)	152,409 (80.48%)	30,906 (16.32%)

Plan: APA_Cooper_Sen_illustrative12_05, District 047 -- 190,120 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 024	14,825 (7.80%)	2,468 (10.93%)	11,639 (8.17%)	1,853 (11.73%)
Dist. 045	24,980 (13.14%)	3,894 (17.25%)	18,781 (13.18%)	2,737 (17.33%)
Dist. 046	17,116 (9.00%)	3,573 (15.82%)	12,083 (8.48%)	2,401 (15.20%)
Dist. 047	113,952 (59.94%)	10,890 (48.23%)	85,081 (59.72%)	7,498 (47.48%)
Dist. 050	19,247 (10.12%)	1,755 (7.77%)	14,887 (10.45%)	1,302 (8.25%)
Total and % Population		22,580 (11.88%)	142,471 (74.94%)	15,791 (8.31%)

Plan: APA_Cooper_Sen_illustrative12_05, District 048 -- 190,123 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 048	190,123 (100.00%)	18,879 (100.00%)	136,995 (100.00%)	12,968 (100.00%)
Total and % Population		18,879 (9.93%)	136,995 (72.06%)	12,968 (6.82%)

Plan: APA_Cooper_Sen_illustrative12_05, District 049 -- 192,420 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 049	189,355 (98.41%)	16,099 (98.71%)	144,123 (98.56%)	11,475 (98.84%)
Dist. 050	3,065 (1.59%)	211 (1.29%)	2,111 (1.44%)	135 (1.16%)
Total and % Population		16,310 (8.48%)	146,234 (76.00%)	11,610 (6.03%)

Plan: APA_Cooper_Sen_illustrative12_05, District 050 -- 192,836 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 024	25,828 (13.39%)	4,732 (32.65%)	20,436 (13.42%)	3,447 (33.30%)
Dist. 050	167,008 (86.61%)	9,760 (67.35%)	131,801 (86.58%)	6,904 (66.70%)
Total and % Population		14,492 (7.52%)	152,237 (78.95%)	10,351 (5.37%)

Plan: APA_Cooper_Sen_illustrative12_05, District 051 -- 190,167 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 051	190,167 (100.00%)	2,835 (100.00%)	155,571 (100.00%)	1,876 (100.00%)
Total and % Population		2,835 (1.49%)	155,571 (81.81%)	1,876 (0.99%)

Plan: APA_Cooper_Sen_illustrative12_05, District 190,799 Total Population

Core Constituencies

APA_Cooper_Sen_illustrative12_05

052 --

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 052	190,799 (100.00%)	27,096 (100.00%)	146,620 (100.00%)	19,120 (100.00%)
Total and % Population		27,096 (14.20%)	146,620 (76.85%)	19,120 (10.02%)

Plan: APA_Cooper_Sen_illustrative12_05, District 053 -- **190,236 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 053	190,236 (100.00%)	10,924 (100.00%)	148,201 (100.00%)	7,558 (100.00%)
Total and % Population		10,924 (5.74%)	148,201 (77.90%)	7,558 (3.97%)

Plan: APA_Cooper_Sen_illustrative12_05, District 054 -- **192,443 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 054	192,443 (100.00%)	8,128 (100.00%)	143,843 (100.00%)	5,450 (100.00%)
Total and % Population		8,128 (4.22%)	143,843 (74.75%)	5,450 (2.83%)

Plan: APA_Cooper_Sen_illustrative12_05, District 055 -- **192,748 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 017	23,804 (12.35%)	5,251 (5.13%)	17,843 (12.38%)	3,560 (4.82%)
Dist. 046	29,239 (15.17%)	5,810 (5.68%)	22,205 (15.41%)	4,124 (5.59%)
Dist. 055	139,705 (72.48%)	91,315 (89.20%)	104,091 (72.22%)	66,150 (89.59%)
Total and % Population		102,376 (53.11%)	144,139 (74.78%)	73,834 (38.31%)

Plan: APA_Cooper_Sen_illustrative12_05, District 056 -- **191,226 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 056	191,226 (100.00%)	15,455 (100.00%)	144,448 (100.00%)	10,940 (100.00%)
Total and % Population		15,455 (8.08%)	144,448 (75.54%)	10,940 (5.72%)

EXHIBIT 9

User:
Plan Name: **APA_Cooper_Hse_illustrative12_05**
Plan Type:

Measures of Compactness Report

Measures of Compactness Report

APA_Cooper_Hse_illustrative12_05

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.12	0.10
Max	0.66	0.59
Mean	0.39	0.27
Std. Dev.	0.12	0.10

District	Reock	Polsby-Popper
001	0.53	0.45
002	0.30	0.14
003	0.50	0.41
004	0.26	0.19
005	0.55	0.34
006	0.51	0.33
007	0.28	0.23
008	0.30	0.23
009	0.31	0.30
010	0.48	0.24
011	0.52	0.25
012	0.41	0.24
013	0.38	0.23
014	0.32	0.23
015	0.54	0.33
016	0.37	0.36
017	0.53	0.29
018	0.40	0.28
019	0.43	0.34

020	0.46	0.45
021	0.41	0.42
022	0.28	0.22
023	0.20	0.17
024	0.46	0.45
025	0.40	0.31
026	0.36	0.23
027	0.44	0.21
028	0.33	0.19
029	0.39	0.26
030	0.43	0.30
031	0.53	0.33
032	0.43	0.28
033	0.49	0.37
034	0.45	0.33
035	0.32	0.23
036	0.32	0.22
037	0.45	0.28
038	0.59	0.58
039	0.59	0.40
040	0.49	0.29
041	0.60	0.40
042	0.40	0.21
043	0.42	0.22
044	0.31	0.29
045	0.41	0.32
046	0.55	0.47
047	0.35	0.21
048	0.34	0.19
049	0.30	0.15
050	0.42	0.46

051	0.54	0.36
052	0.48	0.35
053	0.16	0.14
054	0.37	0.45
055	0.18	0.16
056	0.26	0.23
057	0.57	0.59
058	0.13	0.13
059	0.12	0.11
060	0.19	0.15
061	0.25	0.20
062	0.16	0.10
063	0.16	0.14
064	0.37	0.35
065	0.46	0.17
066	0.36	0.25
067	0.36	0.12
068	0.32	0.17
069	0.23	0.17
070	0.45	0.23
071	0.38	0.17
072	0.41	0.17
073	0.27	0.18
074	0.63	0.36
075	0.42	0.31
076	0.61	0.43
077	0.19	0.18
078	0.48	0.36
079	0.58	0.38
080	0.38	0.42
081	0.47	0.40

082	0.49	0.30
083	0.34	0.36
084	0.25	0.20
085	0.36	0.32
086	0.17	0.17
087	0.26	0.24
088	0.26	0.20
089	0.14	0.10
090	0.36	0.29
091	0.38	0.19
092	0.36	0.20
093	0.26	0.11
094	0.31	0.15
095	0.44	0.25
096	0.18	0.21
097	0.28	0.24
098	0.42	0.52
099	0.36	0.29
100	0.34	0.26
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
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	0.65	0.31
116	0.42	0.22
117	0.41	0.26
118	0.48	0.36
119	0.39	0.25
120	0.42	0.25
121	0.46	0.33
122	0.59	0.26
123	0.31	0.19
124	0.31	0.25
125	0.56	0.27
126	0.22	0.15
127	0.36	0.27
128	0.44	0.19
129	0.50	0.32
130	0.48	0.20
131	0.38	0.27
132	0.25	0.29
133	0.26	0.20
134	0.48	0.20
135	0.29	0.23
136	0.54	0.27
137	0.33	0.17
138	0.33	0.20
139	0.28	0.23
140	0.29	0.19
141	0.26	0.20
142	0.32	0.16
143	0.43	0.28
144	0.50	0.35

145	0.25	0.22
146	0.60	0.42
147	0.27	0.19
148	0.30	0.16
149	0.48	0.37
150	0.44	0.28
151	0.35	0.19
152	0.42	0.24
153	0.32	0.27
154	0.53	0.38
155	0.49	0.31
156	0.41	0.25
157	0.36	0.22
158	0.48	0.33
159	0.35	0.21
160	0.49	0.37
161	0.51	0.31
162	0.37	0.21
163	0.27	0.18
164	0.30	0.16
165	0.23	0.16
166	0.43	0.35
167	0.47	0.22
168	0.34	0.21
169	0.29	0.23
170	0.61	0.29
171	0.28	0.20
172	0.37	0.20
173	0.49	0.53
174	0.41	0.24
175	0.47	0.37

Measures of Compactness Report

APA_Cooper_Hse_illustrative12_05

176	0.34	0.16
177	0.43	0.34
178	0.42	0.23
179	0.46	0.42
180	0.61	0.40

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 10

User:
Plan Name: **APA_Cooper_ se_illustrative12_05**
Plan Type:

Districts & Their Incumbents

Districts & Their Incumbents

APA_Cooper_Hse_illustrative12_05

District	Name	Party	Previous District
001	Michael Cameron	R	1
002	Steve Tarvin	R	2
003	Dewayne Hill	R	3
004	Kasey Carpenter	R	4
005	Matt Barton	R	5
006	Jason Ridley	R	6
007	David Ralston	R	7
008	Norman Gunter	R	8
009	Will Wade	R	9
010	Victor Anderson	R	10
011	Rick Jasperse	R	11
012	James Lumsden	R	12
013	Katie Dempsey	R	13
014	Mitchell scoggins	R	14
015	Matthew Gambill	R	15
016	Trey Kelley	R	16
017	Micah Gravley	R	67
017	Martin Momtahan	R	17
018	Tyler Smith	R	18
019	Joseph Gullett	R	19
020	Charlice Byrd	R	20
021	Brad Thomas	R	21
021	Wes Cantrell	R	22
022	Ed Setzler	R	35
023	Mandi Ballinger	R	23
024	Sheri Gilligan	R	24
025	Todd Jones	R	25
026	Lauren McDonald	R	26
027	Lee Hawkins	R	27
028			
029	Matt Dubnik	R	29
030			
031	Emory Dunahoo Jr	R	30
031	Thomas Benton	R	31
032	Chris Erwin	R	28
033	Alan Powell	R	32
034	Devan Seabaugh	R	34
035			
036	Ginny Ehrhart	R	36
037	Mary Frances Williams	D	37

Districts & Their Incumbents

APA_Cooper_Hse_illustrative12_05

038	David Wilkerson	D	38
039	Erica Thomas	D	39
040	Erick Allen	D	40
041	Michael Smith	D	41
042	Teri Anulewicz	D	42
043			
044	Donald Parsons	R	44
045	Sharon Cooper	R	43
045	Matthew Dollar	R	45
046	John Carson	R	46
047	Jan Jones	R	47
048	Mary Robichaux	D	48
049	Charles Martin	R	49
050	Angelika Kausche	D	50
051	Josh McLauren	D	51
052	Shea Roberts	D	52
053			
054	Betsy Holland	D	54
055	Marie Metze	D	55
056	Mesha Mainor	D	56
057	Stacy Evans	D	57
058	Park Cannon	D	58
059			
060	Sheila Jones	D	53
061	Roger Bruce	D	61
062	William Boddie	D	62
062	David Dreyer	D	59
063	Kim Schofield	D	60
064			
065	Mandisha Thomas	D	65
066	Kimberly Alexander	D	66
067	Philip Singleton	R	71
068	Derrick Jackson	D	64
069	Debra Bazemore	D	63
070	Lynn Smith	R	70
071	James Collins	R	68
072	Randy Nix	R	69
073	Josh Bonner	R	72
074			
075	Mike Glanton	D	75
076	Sandra Scott	D	76
077	Rhonda Burnough	D	77
078	Demetrius Douglas	D	78
079	asmine Neal	D	74
080	Mike Wilensky	D	79
081	Scott Holcomb	D	81
082	Mary Margaret Oliver	D	82

Districts & Their Incumbents

APA_Cooper_Hse_illustrative12_05

083	Matthew Wilson	D	80
084	Renitta Shannon	D	84
085	Karla Drenner	D	85
086	ulma Lopez	D	86
087	Viola Davis	D	87
088	Billy Mitchell	D	88
089	Becky Evans	D	83
090	Bee Nguyen	D	89
091	Angela Moore	D	90
092	Rhonda Taylor	D	91
093	Doreen Carter	D	92
094	Karen Bennett	D	94
095	Dar shun Kendrick	D	93
096	Pedro Marin	D	96
097	Beth Moore	D	95
098	Marvin Lim	D	99
099			
100	Bonnie Rich	R	97
101	Gregg Kennard	D	102
102			
103	Timothy Barr	R	103
104	Chuck Efstration	R	104
105	Donna McLeod	D	105
106	Rebecca Mitchell	D	106
106	Shelly Hutchinson	D	107
107	Sam Park	D	101
108	Jasmine Clark	D	108
109	Dewey McClain	D	100
110			
111	Tom Kirby	R	114
112	Bruce Williamson III	R	115
113	Sharon Henderson	D	113
114	Dave Belton	R	112
115	Regina Lewis Ward	D	109
116	El Mahdi Holly	D	111
117	Mathiak	R	73
118	Clint Crowe	R	110
119	Terry England	R	116
120	Houston Gaines	R	117
121	Marcus Wiedower	R	119
122	Spencer Frye	D	118
123	Rob Leverett	R	33
124	Trey Rhodes	R	120
125	Barry Fleming	R	121
126	Gloria Frazier	D	126
127	Mark Newton	R	123
128	Mack Jackson	D	128

Districts & Their Incumbents

APA_Cooper_Hse_illustrative12_05

129	Wayne Howard	D	124
130	Shelia Nelson	D	125
131	Jodi Lott	R	122
132	Brian Prince	D	127
133	Rick Williams	R	145
134	Beth Camp	R	131
134	David Knight	R	130
135	Susan Holmes	R	129
136	David Jenkins	R	132
137	Debbie Buckner	D	137
138	Vance Smith	R	133
139	Richard Smith	R	134
140	Calvin Smyre	D	135
141	Carolyn Hugley	D	136
142			
143	James Beverly	D	143
144	Dale Washburn	R	141
145	Miriam Paris	D	142
146	Shaw Blackmon	R	146
147	Robert Dickey	R	140
148	Noel Williams	R	148
149	Heath Clark	R	147
150	Patty Bentley	D	139
151	Mike Cheokas	R	138
152	Bill earta	R	152
153	CaMia Hopson Jackson	D	153
154	Gerald Greene	R	151
154	Winfred Dukes	D	154
155	Danny Mathis	R	144
155	Robert Pruitt	R	149
155	Matt Hatchett	R	150
156	Leesa Hagan	R	156
157			
158	Larry Butch Parrish	R	158
159	Jon Burns	R	159
160	Jan Tankersley	R	160
161	Bill Hitchens	R	161
162	Carl Gilliard	D	162
163	Derek Mallow	D	163
164	Ron Stephens	R	164
165			
166	Jesse Petrea	R	166
167	Buddy Deloach	R	167
167	Al Williams	D	168
168	William Bill Werkheiser	R	157
169	Clay Pirkle	R	155
170	Penny Houston	R	170

Districts & Their Incumbents

APA_Cooper_Hse_illustrative12_05

171	Joe Campbell	R	171
172	Darlene Taylor	R	173
172	Sam Waston	R	172
173			
174	John Corbett	R	174
175	John LaHood	R	175
176	James Burchett	R	176
176	Dominic LaRiccia	R	169
177	Dexter Sharper	D	177
178	Steven Meeks	R	178
179	Don Hogan	R	179
180	Steven Sainz	R	180

Number of Incumbents in District with more than one Incumbent:	25
Number of Districts with No Incumbent:	15
Number of Districts with Incumbents of more than one party:	2
Number of Districts with Paired Democrats:	2
Number of Districts with Paired Republicans:	8

EXHIBIT 11

User:
Plan Name: **APA_Cooper_ se_illustrative12_05**
Plan Type:

Po u ation ummary

Po u ation ummary

APA_Cooper_Hse_illustrative12_05

District	Po u ation	Deviation	Devn	ac	P
001	59,666	155	0 26	3 94	4 2
002	59,405	106	0 18	2 61	3 18
003	60,199	688	1 16	2 9	3 35
004	60,125	614	1 03	4 43	5 32
005	58,961	550	0 92	3 68	4 37
006	58,644	867	1 46	1 22	1 7
007	58,807	704	1 18	0 87	1 31
008	58,972	539	0 91	0 76	0 97
009	59,260	251	0 42	0 62	0 89
010	59,732	221	0 37	3 05	3 79
011	59,186	325	0 55	3 08	3 4
012	58,838	673	1 13	10 65	11 42
013	59,869	358	0 60	16 87	17 27
014	59,369	142	0 24	5 96	6 83
015	58,979	532	0 89	13 9	14 24
016	59,713	202	0 34	11 53	11 97
017	58,677	834	1 40	28 75	28 83
018	58,881	630	1 06	6 77	7 52
019	59,050	461	0 77	17 83	18 35
020	60,107	596	1 00	8 34	9 25
021	58,907	604	1 01	4 57	5 34
022	59,460	51	0 09	14 31	15 1
023	59,771	260	0 44	4 03	4 55
024	59,554	43	0 07	6 26	7 18
025	59,414	97	0 16	5 06	5 9
026	59,002	509	0 86	3 36	3 93
027	58,710	801	1 35	4 75	5 23
028	59,012	499	0 84	3 56	3 94
029	59,015	496	0 83	12 34	13 4
030	59,266	245	0 41	7 56	8 1
031	59,753	242	0 41	6 88	7 6
032	59,466	45	0 08	6 63	7 24
033	59,187	324	0 54	11 02	11 2
034	59,875	364	0 61	14 73	15 67
035	60,031	520	0 87	27 09	28 36
036	59,852	341	0 57	16 28	17
037	59,176	335	0 56	26 57	28 18
038	59,317	194	0 33	53 68	54 23

039	59,381	130	0 22	52 84	55 29
040	59,044	467	0 78	31 39	32 98
041	60,122	611	1 03	37	39 35
042	59,620	109	0 18	31 87	33 7
043	59,464	47	0 08	24 83	26 53
044	60,002	491	0 83	11 23	12 05
045	59,738	227	0 38	4 24	5 28
046	59,108	403	0 68	6 93	8 07
047	59,056	455	0 76	9 6	10 73
048	59,003	508	0 85	10 38	11 79
049	59,153	358	0 60	7 33	8 42
050	59,523	12	0 02	11 3	12 4
051	58,952	559	0 94	22 42	23 68
052	59,811	300	0 50	13 94	15 99
053	59,953	442	0 74	12 59	14 53
054	60,083	572	0 96	13 25	15 47
055	59,971	460	0 77	55 03	55 38
056	58,929	582	0 98	46 85	45 48
057	59,969	458	0 77	15 89	18 06
058	59,057	454	0 76	63 71	63 04
059	59,434	77	0 13	70 27	70 09
060	59,709	198	0 33	62 26	63 88
061	59,302	209	0 35	72 27	74 29
062	59,450	61	0 10	70 86	72 26
063	59,381	130	0 22	68 64	69 33
064	59,902	391	0 66	29 56	30 39
065	59,464	47	0 08	60 74	61 98
066	59,047	464	0 78	52 9	53 41
067	59,135	376	0 63	57 71	58 92
068	59,477	34	0 06	55 2	55 75
069	60,397	886	1 49	53 76	54 97
070	59,121	390	0 66	27 99	27 83
071	59,415	96	0 16	17 86	18 67
072	59,358	153	0 26	21 25	22 38
073	60,189	678	1 14	10 77	11 29
074	59,976	465	0 78	60 71	61 49
075	60,164	653	1 10	70 81	73 34
076	58,905	606	1 02	67 97	70 1
077	58,742	769	1 29	64 36	66 26
078	59,188	323	0 54	64 51	65 54
079	58,624	887	1 49	62 34	64 55
080	59,461	50	0 08	12	14 18
081	59,007	504	0 85	19 09	21 83
082	59,724	213	0 36	14 66	16 83
083	59,416	95	0 16	12 45	15 12
084	59,862	351	0 59	70 46	73 66
085	59,373	138	0 23	60 9	62 71

086	59,205	306	0 51	72 44	75 05
087	59,709	198	0 33	70 92	73 08
088	59,689	178	0 30	61 41	63 35
089	59,866	355	0 60	60 27	62 54
090	59,812	301	0 51	57 69	58 49
091	58,901	610	1 03	65 96	67 01
092	60,273	762	1 28	68 31	68 79
093	60,118	607	1 02	64 04	65 36
094	59,211	300	0 50	66 81	69 04
095	60,030	519	0 87	65 91	67 15
096	59,515	4	0 01	21 31	23
097	59,072	439	0 74	25 79	26 77
098	59,998	487	0 82	20 23	23 25
099	59,850	339	0 57	13 8	14 71
100	58,851	660	1 11	9 27	10 08
101	59,938	427	0 72	22 9	24 19
102	58,959	552	0 93	37 16	37 62
103	60,197	686	1 15	15 52	16 79
104	59,362	149	0 25	15 96	17 03
105	59,344	167	0 28	28 45	29 05
106	59,112	399	0 67	36 27	36 27
107	59,702	191	0 32	28 16	29 63
108	59,577	66	0 11	17 71	18 35
109	59,630	119	0 20	30 16	32 51
110	59,951	440	0 74	46 58	47 19
111	60,009	498	0 84	22 08	22 29
112	59,349	162	0 27	19 06	19 21
113	60,053	542	0 91	58 29	59 53
114	59,867	356	0 60	24 16	24 74
115	59,473	38	0 06	53 88	54 21
116	59,096	415	0 70	53 71	54 34
117	58,692	819	1 38	55 32	54 64
118	60,253	742	1 25	23 56	24 54
119	59,260	251	0 42	13 18	13 95
120	59,554	43	0 07	16 76	17 28
121	59,588	77	0 13	9 54	10 29
122	59,628	117	0 20	26 03	23 42
123	59,712	201	0 34	20 47	20 97
124	58,822	689	1 16	26 31	25 31
125	59,922	411	0 69	29 58	30 16
126	59,977	466	0 78	53 4	53 79
127	60,294	783	1 32	14 85	15 69
128	59,983	472	0 79	53 17	52 54
129	59,891	380	0 64	51 84	51 15
130	60,057	546	0 92	56 15	55 16
131	59,096	415	0 70	18 3	20 04
132	58,652	859	1 44	53 09	52 66

133	58,720	791	1 33	52 5	51 97
134	58,622	889	1 49	12 89	13 36
135	59,567	56	0 09	22 81	23 91
136	59,795	284	0 48	28 13	28 68
137	59,054	457	0 77	52 13	52 33
138	58,912	599	1 01	18 92	19 32
139	59,010	501	0 84	19 63	20 27
140	59,294	217	0 36	56 56	57 63
141	59,019	492	0 83	55 6	57 46
142	58,637	874	1 47	53 9	52 51
143	58,771	740	1 24	59 47	58 23
144	60,114	603	1 01	24 99	24 98
145	60,214	703	1 18	51 54	50 2
146	58,683	828	1 39	25 35	26 35
147	58,678	833	1 40	27 37	28 24
148	58,934	577	0 97	37 85	37 38
149	58,639	872	1 47	33 47	33 05
150	59,276	235	0 39	53 5	53 56
151	59,241	270	0 45	29 9	30 57
152	60,076	565	0 95	24 79	24 53
153	59,038	473	0 79	59 02	57 3
154	59,504	7	0 01	61 42	60 62
155	60,014	503	0 85	25 07	25 28
156	59,003	508	0 85	30 17	30 39
157	60,358	847	1 42	21 93	22 8
158	59,859	348	0 58	32 41	32 17
159	60,346	835	1 40	22 69	23
160	59,935	424	0 71	22 04	22 6
161	60,097	586	0 98	26 27	27 14
162	60,308	797	1 34	43 95	43 73
163	60,123	612	1 03	46 54	45 49
164	60,245	734	1 23	22 49	23 41
165	59,978	467	0 78	52 86	50 33
166	60,098	587	0 99	5 05	5 68
167	60,184	673	1 13	24 26	25 29
168	60,280	769	1 29	42 3	44 38
169	59,999	488	0 82	28 28	28 28
170	59,885	374	0 63	27 78	27 44
171	60,331	820	1 38	58 56	58 06
172	59,572	61	0 10	21 18	21 19
173	60,035	524	0 88	36 02	35 56
174	59,852	341	0 57	17 42	17 37
175	59,993	482	0 81	23 98	24 17
176	59,470	41	0 07	21 96	22 68
177	59,992	481	0 81	55 26	53 88
178	59,297	214	0 36	15 65	15 84
179	59,974	463	0 78	28 44	26 84

Po u ation ummary

APA_Cooper_Hse_illustrative12_05

180	59,412	99	0 17	17 31	18 21

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

ummary tatistics

Population Range:	58,622 to 60,397
Ratio Range:	0 03
Absolute Range:	889 to 886
Absolute Overall Range:	1775
Relative Range:	1 49 to 1 49
Relative Overall Range:	2 98
Absolute Mean Deviation:	421 08
Relative Mean Deviation:	0 71
Standard Deviation:	485 18

EXHIBIT 12

User:
Plan Name: **APA_Cooper_ se_illustrative12_05**
Plan Type:

Po itica ubdivision its et een Districts

Po itica ubdivision its et een Districts

APA_Cooper_Hse_illustrative12_05

Number of subdivisions not split:

County	91
Voting District	2,505

Number of subdivisions split into more than one district:

County	68
Voting District	193

Number of splits involving no population:

County	0
Voting District	23

it ounts

County

Cases where an area is split among 2 Districts: 34
Cases where an area is split among 3 Districts: 9
Cases where an area is split among 4 Districts: 11
Cases where an area is split among 5 Districts: 4
Cases where an area is split among 6 Districts: 2
Cases where an area is split among 7 Districts: 2
Cases where an area is split among 9 Districts: 2
Cases where an area is split among 14 Districts: 1
Cases where an area is split among 17 Districts: 1
Cases where an area is split among 21 Districts: 1
Cases where an area is split among 22 Districts: 1

Voting District

Cases where an area is split among 2 Districts: 188
Cases where an area is split among 3 Districts: 6

ounty	otin District	District	Po u ation
Split Counties:			
Baldwin GA		133	27,925
Baldwin GA		144	15,874
Barrow GA		104	24,245
Barrow GA		119	59,260
Bartow GA		014	49,922
Bartow GA		015	58,979
Bibb GA		142	31,424
Bibb GA		143	50,749
Bibb GA		144	15,893
Bibb GA		145	59,280
Bryan GA		160	11,008
Bryan GA		164	21,564
Bryan GA		166	12,166
Bulloch GA		158	15,521
Bulloch GA		159	16,651

Po itica ubdivision its et een Districts

APA_Cooper_Hse_illustrative12_05

Bulloch GA	160	48,927
Burke GA	126	22,561
Burke GA	128	2,035
Carroll GA	018	19,214
Carroll GA	070	2,854
Carroll GA	071	59,415
Carroll GA	072	37,665
Catoosa GA	002	7,673
Catoosa GA	003	60,199
Chatham GA	161	28,269
Chatham GA	162	60,308
Chatham GA	163	60,123
Chatham GA	164	38,681
Chatham GA	165	59,978
Chatham GA	166	47,932
Cherokee GA	011	25,970
Cherokee GA	014	9,447
Cherokee GA	020	60,107
Cherokee GA	021	58,907
Cherokee GA	022	30,874
Cherokee GA	023	40,327
Cherokee GA	044	21,989
Cherokee GA	046	15,178
Cherokee GA	047	3,821
Clarke GA	120	39,069
Clarke GA	121	17,789
Clarke GA	122	59,628
Clarke GA	124	12,185
Clayton GA	074	34,646
Clayton GA	075	60,164
Clayton GA	076	58,905
Clayton GA	077	36,866
Clayton GA	078	45,741
Clayton GA	079	58,624
Clayton GA	116	2,649
Cobb GA	022	28,586
Cobb GA	034	59,875
Cobb GA	035	60,031
Cobb GA	036	59,852
Cobb GA	037	59,176
Cobb GA	038	59,317
Cobb GA	039	59,381
Cobb GA	040	59,044
Cobb GA	041	60,122
Cobb GA	042	59,620
Cobb GA	043	59,464
Cobb GA	044	38,013
Cobb GA	045	59,738
Cobb GA	046	43,930
Coffee GA	169	33,736
Coffee GA	176	9,356

Po itica ubdivision its et een Districts

APA_Cooper_Hse_illustrative12_05

Col uitt GA	152	19,169
Col uitt GA	172	26,729
Columbia GA	123	2,205
Columbia GA	125	38,290
Columbia GA	127	56,419
Columbia GA	131	59,096
Coweta GA	065	13,008
Coweta GA	067	17,272
Coweta GA	070	56,267
Coweta GA	073	31,608
Coweta GA	136	28,003
DeKalb GA	052	28,300
DeKalb GA	080	59,461
DeKalb GA	081	59,007
DeKalb GA	082	59,724
DeKalb GA	083	59,416
DeKalb GA	084	59,862
DeKalb GA	085	59,373
DeKalb GA	086	59,205
DeKalb GA	087	59,709
DeKalb GA	088	47,844
DeKalb GA	089	59,866
DeKalb GA	090	59,812
DeKalb GA	091	19,700
DeKalb GA	092	15,607
DeKalb GA	093	11,690
DeKalb GA	094	31,207
DeKalb GA	095	14,599
Dougherty GA	153	42,191
Dougherty GA	154	22,693
Dougherty GA	171	20,906
Douglas GA	061	30,206
Douglas GA	064	35,576
Douglas GA	065	19,408
Douglas GA	066	59,047
Effingham GA	159	32,941
Effingham GA	161	31,828
Fayette GA	068	29,719
Fayette GA	069	39,018
Fayette GA	073	28,581
Fayette GA	077	21,876
Floyd GA	002	4,842
Floyd GA	012	33,873
Floyd GA	013	59,869
Forsyth GA	023	19,444
Forsyth GA	024	59,554
Forsyth GA	025	46,134
Forsyth GA	026	59,002
Forsyth GA	028	51,321
Forsyth GA	100	15,828
Fulton GA	025	13,280

Fulton GA	047	55,235
Fulton GA	048	43,976
Fulton GA	049	59,153
Fulton GA	050	59,523
Fulton GA	051	58,952
Fulton GA	052	31,511
Fulton GA	053	59,953
Fulton GA	054	60,083
Fulton GA	055	59,971
Fulton GA	056	58,929
Fulton GA	057	59,969
Fulton GA	058	59,057
Fulton GA	059	59,434
Fulton GA	060	59,709
Fulton GA	061	29,096
Fulton GA	062	59,450
Fulton GA	063	59,381
Fulton GA	065	27,048
Fulton GA	067	41,863
Fulton GA	068	29,758
Fulton GA	069	21,379
Glynn GA	167	19,881
Glynn GA	179	59,974
Glynn GA	180	4,644
Grady GA	172	4,715
Grady GA	173	21,521
Gwinnett GA	030	8,620
Gwinnett GA	048	15,027
Gwinnett GA	088	11,845
Gwinnett GA	094	28,004
Gwinnett GA	095	34,221
Gwinnett GA	096	59,515
Gwinnett GA	097	59,072
Gwinnett GA	098	59,998
Gwinnett GA	099	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
Habersham GA	008	4,964
Habersham GA	010	31,729
Habersham GA	032	9,338
Hall GA	009	1,109

Hall GA	027	58,710
Hall GA	028	7,691
Hall GA	029	59,015
Hall GA	030	50,646
Hall GA	031	4,331
Hall GA	032	5,309
Hall GA	100	7,819
Hall GA	103	8,506
Harris GA	138	21,634
Harris GA	139	13,034
Henry GA	074	18,397
Henry GA	078	13,447
Henry GA	091	34,420
Henry GA	115	59,473
Henry GA	116	56,447
Henry GA	117	23,709
Henry GA	118	34,819
Houston GA	142	27,213
Houston GA	146	58,683
Houston GA	147	19,098
Houston GA	149	58,639
Jackson GA	031	55,422
Jackson GA	120	20,485
Jasper GA	114	2,855
Jasper GA	135	11,733
Jefferson GA	126	7,087
Jefferson GA	128	8,622
Johnson GA	128	7,274
Johnson GA	158	1,915
Laurens GA	128	22,064
Laurens GA	155	27,506
Lee GA	151	22,297
Lee GA	152	10,866
Liberty GA	167	11,457
Liberty GA	168	53,799
Lowndes GA	174	9,770
Lowndes GA	175	43,692
Lowndes GA	176	4,797
Lowndes GA	177	59,992
Madison GA	033	9,935
Madison GA	123	20,185
Meriwether GA	136	13,382
Meriwether GA	137	7,231
Monroe GA	135	27,023
Monroe GA	145	934
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	093	15,515

Po itica ubdivision its et een Districts

APA_Cooper_Hse_illustrative12_05

Newton GA	113	60,053
Newton GA	114	36,915
Oglethorpe GA	123	6,839
Oglethorpe GA	124	7,986
Paulding GA	016	16,860
Paulding GA	017	58,677
Paulding GA	018	9,748
Paulding GA	019	59,050
Paulding GA	064	24,326
Peach GA	147	14,093
Peach GA	150	13,888
Putnam GA	124	19,736
Putnam GA	135	2,311
Richmond GA	126	24,132
Richmond GA	127	3,875
Richmond GA	129	59,891
Richmond GA	130	60,057
Richmond GA	132	58,652
Rockdale GA	091	4,781
Rockdale GA	092	44,666
Rockdale GA	093	32,913
Rockdale GA	095	11,210
Screven GA	126	3,313
Screven GA	159	10,754
Spalding GA	074	6,933
Spalding GA	117	34,983
Spalding GA	134	25,390
Sumter GA	150	14,282
Sumter GA	151	15,334
Tattnall GA	157	16,361
Tattnall GA	168	6,481
Telfair GA	148	2,991
Telfair GA	156	9,486
Thomas GA	171	17,670
Thomas GA	172	28,128
Tift GA	152	9,257
Tift GA	169	7,591
Tift GA	170	24,496
Troup GA	072	10,281
Troup GA	136	18,410
Troup GA	137	15,647
Troup GA	138	25,088
Upson GA	134	14,343
Upson GA	147	13,357
Walker GA	001	43,415
Walker GA	002	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	1,703

Wayne GA		178	28,441
Whitfield GA		002	22,651
Whitfield GA		004	60,125
Whitfield GA		005	1,417
Whitfield GA		006	18,671
Wilkes GA		123	3,156
Wilkes GA		133	6,409
Split VTDs:			
Baldwin GA	COOPERS	133	0
Baldwin GA	COOPERS	144	2,191
Baldwin GA	COURTHOUSE	133	544
Baldwin GA	COURTHOUSE	144	2,592
Baldwin GA	MERIWEATHER	133	348
Baldwin GA	MERIWEATHER	144	3,316
Baldwin GA	NORTH BALDWIN	133	1,237
Baldwin GA	NORTH BALDWIN	144	3,655
Baldwin GA	NORTH MILLEDGEVILLE	133	3,364
Baldwin GA	NORTH MILLEDGEVILLE	144	0
Baldwin GA	SCOTTSBORO	133	1,750
Baldwin GA	SCOTTSBORO	144	22
Baldwin GA	SOUTH MILLEDGEVILLE	133	2,239
Baldwin GA	SOUTH MILLEDGEVILLE	144	1,467
Barrow GA	16	104	1,708
Barrow GA	16	119	8,060
Bartow GA	CASSVILLE	014	15,581
Bartow GA	CASSVILLE	015	1,024
Bartow GA	WHITE	014	3,546
Bartow GA	WHITE	015	0
Bibb GA	HOWARD 3	144	12,654
Bibb GA	HOWARD 3	145	0
Bryan GA	DANIELSIDING	164	1,268
Bryan GA	DANIELSIDING	166	1,741
Bryan GA	HW 144 EAST	164	4,552
Bryan GA	HW 144 EAST	166	4,707
Carroll GA	BETHAN	071	5,590
Carroll GA	BETHAN	072	996
Carroll GA	CLEM	071	3,010
Carroll GA	CLEM	072	1,762
Carroll GA	UNIVERSIT OF W GA	018	0
Carroll GA	UNIVERSIT OF W GA	072	5,265
Chatham GA	CRUSADER COMMUNIT CENTER	162	2,134
Chatham GA	CRUSADER COMMUNIT CENTER	166	1,493
Chatham GA	GEORGETOWN ELEMENTAR	164	5,562
Chatham GA	GEORGETOWN ELEMENTAR	166	0
Chatham GA	GRACE UNITED METHODIST CHURCH	163	2,064

Chatham GA	GRACE UNITED METHODIST CHURCH	165	397
Chatham GA	ROTHWELL BAPTIST CHURCH	161	5,335
Chatham GA	ROTHWELL BAPTIST CHURCH	164	4,987
Chatham GA	THE LIGHT CHURCH	162	1,177
Chatham GA	THE LIGHT CHURCH	163	1,109
Chatham GA	WINDSOR FOREST BAPTIST CHURCH SCHOOL	163	785
Chatham GA	WINDSOR FOREST BAPTIST CHURCH SCHOOL	166	1,890
Cherokee GA	CARMEL	020	5,626
Cherokee GA	CARMEL	022	1,222
Cherokee GA	CARMEL	044	0
Cherokee GA	FREEHOME	023	3,270
Cherokee GA	FREEHOME	047	3,821
Clarke GA	1A	122	1,462
Clarke GA	1A	124	3,582
Clarke GA	4B	120	1,017
Clarke GA	4B	122	11,654
Clarke GA	5D	120	3,759
Clarke GA	5D	122	1,695
Clarke GA	7B	120	2,061
Clarke GA	7B	122	3,133
Clayton GA	JONESBORO 12	075	3,287
Clayton GA	JONESBORO 12	077	951
Clayton GA	JONESBORO 8	076	4,530
Clayton GA	JONESBORO 8	078	2,335
Clayton GA	LOVEJO 3	074	10,604
Clayton GA	LOVEJO 3	116	2,649
Clayton GA	MORROW 4	075	1,316
Clayton GA	MORROW 4	076	1,911
Cobb GA	Acworth 1B	035	7,464
Cobb GA	Acworth 1B	036	0
Cobb GA	Baker 01	022	5,226
Cobb GA	Baker 01	035	1,996
Cobb GA	Bells Ferry 03	022	4,918
Cobb GA	Bells Ferry 03	044	3,763
Cobb GA	Dobbins 01	042	11,055
Cobb GA	Dobbins 01	043	2,346
Cobb GA	Elizabeth 01	034	700
Cobb GA	Elizabeth 01	037	5,170
Cobb GA	Elizabeth 04	037	2,031
Cobb GA	Elizabeth 04	043	2,387
Cobb GA	Kennesaw 1A	022	599
Cobb GA	Kennesaw 1A	035	3,844
Cobb GA	Kennesaw 3A	022	0
Cobb GA	Kennesaw 3A	034	871
Cobb GA	Kennesaw 3A	035	8,631

Cobb GA	Lassiter 01	044	2,121
Cobb GA	Lassiter 01	046	2,600
Cobb GA	Lindley 01	039	5,678
Cobb GA	Lindley 01	040	582
Cobb GA	Mableton 01	038	1,589
Cobb GA	Mableton 01	039	5,513
Cobb GA	Mableton 02	038	256
Cobb GA	Mableton 02	039	5,427
Cobb GA	Marietta 1A	037	3,349
Cobb GA	Marietta 1A	043	6,645
Cobb GA	Marietta 2A	034	1,664
Cobb GA	Marietta 2A	037	811
Cobb GA	Marietta 5A	037	2,877
Cobb GA	Marietta 5A	043	1,457
Cobb GA	Marietta 6A	037	1,532
Cobb GA	Marietta 6A	043	3,022
Cobb GA	Marietta 7A	042	1,494
Cobb GA	Marietta 7A	043	5,417
Cobb GA	North Cobb 01	035	2,611
Cobb GA	North Cobb 01	036	559
Cobb GA	Norton Park 01	041	1,955
Cobb GA	Norton Park 01	042	5,846
Cobb GA	Oregon 03	037	6,683
Cobb GA	Oregon 03	041	6,305
Cobb GA	Pine Mountain 02	034	3,976
Cobb GA	Pine Mountain 02	035	0
Cobb GA	Smyrna 1A	040	1,292
Cobb GA	Smyrna 1A	042	5,341
Cobb GA	Smyrna 4A	040	6,599
Cobb GA	Smyrna 4A	042	1,609
Cobb GA	Smyrna 7A	039	905
Cobb GA	Smyrna 7A	040	7,690
Coffee GA	DOUGLAS	169	19,642
Coffee GA	DOUGLAS	176	8,929
Coweta GA	JEFFERSON PARKWA	070	12,590
Coweta GA	JEFFERSON PARKWA	073	1,521
DeKalb GA	Cedar Grove Middle	089	2,204
DeKalb GA	Cedar Grove Middle	090	316
DeKalb GA	Clarkston	085	5,454
DeKalb GA	Clarkston	086	9,300
DeKalb GA	Dresden Elem CHA	081	5,398
DeKalb GA	Dresden Elem CHA	083	7,691
DeKalb GA	Freedom Middle	086	1,002
DeKalb GA	Freedom Middle	087	3,088
DeKalb GA	Glennwood DEC	082	2,059
DeKalb GA	Glennwood DEC	084	1,221
DeKalb GA	Glenwood Road	085	1,698
DeKalb GA	Glenwood Road	086	1,064
DeKalb GA	Memorial South	086	2,226
DeKalb GA	Memorial South	087	2,547
DeKalb GA	Panola Road	086	3,296

DeKalb GA	Panola Road	094	460
DeKalb GA	Redan Middle	087	1,419
DeKalb GA	Redan Middle	088	1,633
DeKalb GA	Rockbridge Road	094	3,736
DeKalb GA	Rockbridge Road	095	1,104
DeKalb GA	Snapfinger Road South	084	920
DeKalb GA	Snapfinger Road South	091	1,271
DeKalb GA	Stone Mill Elem	087	1,863
DeKalb GA	Stone Mill Elem	088	4,069
DeKalb GA	Stone Mountain Champion STO	087	1,338
DeKalb GA	Stone Mountain Champion STO	088	2,865
DeKalb GA	Stone Mountain Middle TUC	087	656
DeKalb GA	Stone Mountain Middle TUC	088	3,960
DeKalb GA	Tucker Library TUC	081	2,394
DeKalb GA	Tucker Library TUC	088	1,635
Dougherty GA	PALM RA RD METHODIST	153	3,032
Dougherty GA	PALM RA RD METHODIST	171	878
Dougherty GA	PUTNE 1ST BAPTIST	154	3,165
Dougherty GA	PUTNE 1ST BAPTIST	171	615
Effingham GA	4B	159	1,960
Effingham GA	4B	161	959
Fayette GA	ABERDEEN	068	983
Fayette GA	ABERDEEN	073	1,392
Fayette GA	EUROPE	069	869
Fayette GA	EUROPE	077	2,985
Fayette GA	OAK RIDGE	069	2,335
Fayette GA	OAK RIDGE	077	405
Forsyth GA	CONCORD	023	6,444
Forsyth GA	CONCORD	028	9,225
Forsyth GA	MIDWA	024	27,597
Forsyth GA	MIDWA	026	2,829
Forsyth GA	OTWELL	026	5,827
Forsyth GA	OTWELL	028	12,633
Forsyth GA	POLO	024	18,563
Forsyth GA	POLO	026	7,295
Forsyth GA	SOUTH FORS TH	025	10,064
Forsyth GA	SOUTH FORS TH	100	11,887
Forsyth GA	WINDERMERE	026	12,897
Forsyth GA	WINDERMERE	100	3,941
Fulton GA	08C	053	1,524
Fulton GA	08C	060	335
Fulton GA	09K	055	3,033
Fulton GA	09K	060	4,105
Fulton GA	10D	055	1,756
Fulton GA	10D	060	4,311
Fulton GA	11C	055	340
Fulton GA	11C	060	3,418

Fulton GA	AP022	048	862
Fulton GA	AP022	049	2,505
Fulton GA	AP07B	047	1,250
Fulton GA	AP07B	049	1,304
Fulton GA	AP14	048	4,109
Fulton GA	AP14	049	281
Fulton GA	EP01B	059	2,393
Fulton GA	EP01B	062	2,049
Fulton GA	JC19	048	3,608
Fulton GA	JC19	051	1,792
Fulton GA	ML012	047	501
Fulton GA	ML012	049	123
Fulton GA	ML01B	047	284
Fulton GA	ML01B	049	61
Fulton GA	RW03	051	1,292
Fulton GA	RW03	053	6,066
Fulton GA	RW09	047	2,971
Fulton GA	RW09	049	4,750
Fulton GA	SC02	060	220
Fulton GA	SC02	061	773
Fulton GA	SC05B	061	1,575
Fulton GA	SC05B	065	2,978
Fulton GA	SC07A	065	1,028
Fulton GA	SC07A	067	7,728
Fulton GA	SC08B	062	92
Fulton GA	SC08B	068	5,255
Fulton GA	SC13	065	2,858
Fulton GA	SC13	067	1,176
Fulton GA	UC02A	065	1,070
Fulton GA	UC02A	067	13,013
Glynn GA	C B GREER SCHOOL	167	3,484
Glynn GA	C B GREER SCHOOL	179	618
Gwinnett GA	BA CREEK A	106	934
Gwinnett GA	BA CREEK A	110	2,651
Gwinnett GA	BA CREEK D	102	3,729
Gwinnett GA	BA CREEK D	110	2,597
Gwinnett GA	BERKSHIRE H	098	2,475
Gwinnett GA	BERKSHIRE H	108	1,991
Gwinnett GA	CATES J	094	955
Gwinnett GA	CATES J	108	4,255
Gwinnett GA	DULUTH F	096	7,245
Gwinnett GA	DULUTH F	107	5,149
Gwinnett GA	DULUTH G	096	1,426
Gwinnett GA	DULUTH G	099	3,389
Gwinnett GA	DUNCANS D	030	8,620
Gwinnett GA	DUNCANS D	104	1,575
Gwinnett GA	LAWRENCEVILLE F	102	2,073
Gwinnett GA	LAWRENCEVILLE F	105	3,924
Gwinnett GA	LAWRENCEVILLE M	102	4,231
Gwinnett GA	LAWRENCEVILLE M	105	7,770
Gwinnett GA	MARTINS H	107	8,164

Gwinnett GA	MARTINS H	109	892
Gwinnett GA	PINCKNE VILLE W	096	5,745
Gwinnett GA	PINCKNE VILLE W	097	2,561
Gwinnett GA	PUCKETTS E	103	1,506
Gwinnett GA	PUCKETTS E	105	7,421
Gwinnett GA	SUGAR HILL D	100	2,158
Gwinnett GA	SUGAR HILL D	103	6,421
Gwinnett GA	SUWANEE F	099	3,224
Gwinnett GA	SUWANEE F	103	2,836
Habersham GA	DEMOREST	010	7,400
Habersham GA	DEMOREST	032	804
Habersham GA	HABERSHAM NORTH	008	3,180
Habersham GA	HABERSHAM NORTH	010	8,116
Habersham GA	HABERSHAM NORTH	032	1,248
Habersham GA	HABERSHAM SOUTH	010	4,796
Habersham GA	HABERSHAM SOUTH	032	5,863
Hall GA	BARK CAMP	009	1,109
Hall GA	BARK CAMP	027	7,028
Hall GA	BARK CAMP	028	0
Hall GA	CHESTATEE	027	1,845
Hall GA	CHESTATEE	028	3,386
Hall GA	TADMORE	027	11,844
Hall GA	TADMORE	031	2,505
Henry GA	COTTON INDIAN	091	406
Henry GA	COTTON INDIAN	116	6,805
Henry GA	FLIPPEN	115	0
Henry GA	FLIPPEN	116	5,686
Henry GA	LAKE HAVEN	115	2,490
Henry GA	LAKE HAVEN	116	3,298
Henry GA	MCMULLEN	115	185
Henry GA	MCMULLEN	118	4,866
Henry GA	PATES CREEK	078	5,601
Henry GA	PATES CREEK	116	1,668
Henry GA	STOCKBRIDGE CENTRAL	078	0
Henry GA	STOCKBRIDGE CENTRAL	116	7,453
Houston GA	BMS	142	4,839
Houston GA	BMS	146	9,259
Houston GA	FMMS	146	3,320
Houston GA	FMMS	147	9,551
Houston GA	FMMS	149	458
Houston GA	MCMS	146	3,947
Houston GA	MCMS	147	9,547
Houston GA	TWPK	142	1,128
Houston GA	TWPK	149	5,259
Jackson GA	Central Jackson	031	22,769
Jackson GA	Central Jackson	120	1,614
Jackson GA	North Jackson	031	11,786
Jackson GA	North Jackson	120	7,461
Laurens GA	MINTER	128	589
Laurens GA	MINTER	155	857
Liberty GA	FLEMING EAST	167	4,063

Po itica ubdivision its et een Districts

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Liberty GA	FLEMING EAST	168	580
Liberty GA	FLEMING WEST	167	364
Liberty GA	FLEMING WEST	168	234
Lowndes GA	NORTHSIDE	175	8,373
Lowndes GA	NORTHSIDE	177	37,217
Lowndes GA	RAINWATER	175	6,400
Lowndes GA	RAINWATER	177	8,754
Lowndes GA	S LOWNDES	174	1,951
Lowndes GA	S LOWNDES	175	3,755
Lowndes GA	TRINIT	175	9,620
Lowndes GA	TRINIT	176	4,797
Lowndes GA	TRINIT	177	6,930
Monroe GA	KELSE S	135	576
Monroe GA	KELSE S	145	175
Monroe GA	RUSSELLVILLE	135	428
Monroe GA	RUSSELLVILLE	145	156
Muscogee GA	CUSSETA RD	140	5,391
Muscogee GA	CUSSETA RD	141	5,010
Muscogee GA	EPWORTH UMC	139	3,363
Muscogee GA	EPWORTH UMC	140	4,560
Muscogee GA	FORT WADDELL	137	5,599
Muscogee GA	FORT WADDELL	141	6,645
Muscogee GA	OUR LAD OF LOURDES	140	13,744
Muscogee GA	OUR LAD OF LOURDES	141	32
Muscogee GA	ROTHSCHILD	137	8,327
Muscogee GA	ROTHSCHILD	141	3,143
Muscogee GA	ST ANDREWS MIDLAND	139	5,899
Muscogee GA	ST ANDREWS MIDLAND	141	5,582
Newton GA	CEDAR SHOALS	093	1,206
Newton GA	CEDAR SHOALS	113	3,687
Newton GA	FAIRVIEW	093	856
Newton GA	FAIRVIEW	113	3,443
Newton GA	TOWN	093	1,668
Newton GA	TOWN	113	5,075
Oglethorpe GA	BEAVERDAM	123	1,417
Oglethorpe GA	BEAVERDAM	124	3,367
Oglethorpe GA	CRAWFORD	123	864
Oglethorpe GA	CRAWFORD	124	3,390
Oglethorpe GA	LE INGTON	123	4,558
Oglethorpe GA	LE INGTON	124	1,229
Paulding GA	WATSON GOVERNMENT COMPLE	016	760
Paulding GA	WATSON GOVERNMENT COMPLE	017	16,770
Paulding GA	WEST RIDGE CHURCH	017	3,008
Paulding GA	WEST RIDGE CHURCH	019	19,146
Putnam GA	101	124	2,892
Putnam GA	101	135	2,311
Richmond GA	401	126	1,102
Richmond GA	401	130	1,557
Richmond GA	402	126	0

Po itica ubdivision its et een Districts

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Richmond GA	402	132	9,711
Richmond GA	503	129	3,260
Richmond GA	503	132	2,535
Richmond GA	705	127	538
Richmond GA	705	132	2,516
Richmond GA	706	127	3,337
Richmond GA	706	129	1,135
Richmond GA	803	126	0
Richmond GA	803	132	2,432
Richmond GA	807	126	2,403
Richmond GA	807	132	0
Rockdale GA	MILSTEAD	093	6,444
Rockdale GA	MILSTEAD	095	0
Rockdale GA	OLD TOWNE	093	10,095
Rockdale GA	OLD TOWNE	095	872
Rockdale GA	ROCKDALE	092	6,218
Rockdale GA	ROCKDALE	093	79
Spalding GA	AMBUCS PARK G M	117	2,554
Spalding GA	AMBUCS PARK G M	134	418
Spalding GA	CARVER FIRE STATION	117	548
Spalding GA	CARVER FIRE STATION	134	2,522
Spalding GA	FIRST ASSEMBL OF GOD	117	1,625
Spalding GA	FIRST ASSEMBL OF GOD	134	2,096
Spalding GA	FIRST PRESB TERIAN	117	0
Spalding GA	FIRST PRESB TERIAN	134	3,537
Spalding GA	GAR REID FIRE STATION	074	0
Spalding GA	GAR REID FIRE STATION	117	6,892
Spalding GA	SENIOR CENTER	117	452
Spalding GA	SENIOR CENTER	134	3,260
Spalding GA	ST JOHN LUTHERAN	117	0
Spalding GA	ST JOHN LUTHERAN	134	2,548
Sumter GA	GSW CONF CENTER	150	4,568
Sumter GA	GSW CONF CENTER	151	1,549
Sumter GA	REES PARK	150	5,179
Sumter GA	REES PARK	151	447
Tattnall GA	DISTRICT IV	157	1,625
Tattnall GA	DISTRICT IV	168	2,345
Thomas GA	ELLABELLE	171	1,476
Thomas GA	ELLABELLE	172	71
Thomas GA	HARPER	171	2,508
Thomas GA	HARPER	172	429
Thomas GA	NEW COVENANT	171	3,358
Thomas GA	NEW COVENANT	172	0
Thomas GA	REMINGTON	171	238
Thomas GA	REMINGTON	172	3,111
Thomas GA	SCOTT	171	569
Thomas GA	SCOTT	172	3,063
Walton GA	BROKEN ARROW	111	2,993
Walton GA	BROKEN ARROW	112	3,003
Ware GA	100	174	2,672
Ware GA	100	176	3,692

Po itica ubdivision its et een Districts

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Ware GA	200A	174	0
Ware GA	200A	176	4,133
Ware GA	304	174	0
Ware GA	304	176	2,107
Ware GA	400	174	2,506
Ware GA	400	176	2,526
Whitfield GA	VARNELL	004	7,389
Whitfield GA	VARNELL	006	712
Wilkes GA	3172A OUNG FARMER S	123	1,083
Wilkes GA	3172A OUNG FARMER S	133	553
Wilkes GA	3173B RA LE CIT HALL	123	33
Wilkes GA	3173B RA LE CIT HALL	133	889

EXHIBIT 13

User:
Plan Name: **APA_Cooper_ se_illustrative12_05**
Plan Type:

P an om onents ith Po u ation Detai

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

		Tota Po u ation	P
District			
ounty Dade			
	Total:	16,251	228
			1.40%
	Voting Age	12,987	140
			1.08%
ounty a er			
	Total:	43,415	2,806
			6.46%
	Voting Age	33,814	1,826
			5.40%
District Tota			
	Total:	59,666	3,034
			5.08%
	Voting Age	46,801	1,966
			4.20%
District			
ounty atoosa			
	Total:	7,673	179
			2.33%
	Voting Age	5,732	119
			2.08%
ounty oyd			
	Total:	4,842	173
			3.57%
	Voting Age	3,891	129
			3.32%
ounty a er			
	Total:	24,239	858
			3.54%
	Voting Age	18,980	628
			3.31%
ounty hit ie d			
	Total:	22,651	905
			4.00%
	Voting Age	17,589	592
			3.37%
District Tota			
	Total:	59,405	2,115
			3.56%
	Voting Age	46,192	1,468
			3.18%
District			
ounty atoosa			

	Total:	60,199	2,463
			4.09%
	Voting Age	46,716	1,565
			3.35%
District	**Tota**		
	Total:	60,199	2,463
			4.09%
	Voting Age	46,716	1,565
			3.35%
District			
ounty	**hit ie d**		
	Total:	60,125	3,386
			5.63%
	Voting Age	43,552	2,315
			5.32%
District	**Tota**		
	Total:	60,125	3,386
			5.63%
	Voting Age	43,552	2,315
			5.32%
District			
ounty	**ordon**		
	Total:	57,544	2,919
			5.07%
	Voting Age	43,500	1,939
			4.46%
ounty	**hit ie d**		
	Total:	1,417	28
			1.98%
	Voting Age	1,077	10
			0.93%
District	**Tota**		
	Total:	58,961	2,947
			5.00%
	Voting Age	44,577	1,949
			4.37%
District			
ounty	**Murray**		
	Total:	39,973	556
			1.39%
	Voting Age	30,210	321
			1.06%
ounty	**hit ie d**		
	Total:	18,671	600
			3.21%
	Voting Age	14,044	432
			3.08%
District	**Tota**		
	Total:	58,644	1,156
			1.97%
	Voting Age	44,254	753
			1.70%
District			
ounty	**annin**		

	Total:	25,319	199
			0.79%
	Voting Age	21,188	133
			0.63%
ounty um in			
	Total:	33,488	685
			2.05%
	Voting Age	27,689	507
			1.83%
District Tota			
	Total:	58,807	884
			1.50%
	Voting Age	48,877	640
			1.31%
District			
ounty abersham			
	Total:	4,964	98
			1.97%
	Voting Age	4,184	69
			1.65%
ounty abun			
	Total:	16,883	210
			1.24%
	Voting Age	13,767	129
			0.94%
ounty To ns			
	Total:	12,493	168
			1.34%
	Voting Age	10,923	137
			1.25%
ounty nion			
	Total:	24,632	228
			0.93%
	Voting Age	20,808	147
			0.71%
District Tota			
	Total:	58,972	704
			1.19%
	Voting Age	49,682	482
			0.97%
District			
ounty Da son			
	Total:	26,798	392
			1.46%
	Voting Age	21,441	249
			1.16%
ounty i mer			
	Total:	31,353	296
			0.94%
	Voting Age	25,417	161
			0.63%
ounty a			
	Total:	1,109	24
			2.16%

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

	Voting Age	909	13
			1.43%
District Tota			
	Total:	59,260	712
			1.20%
	Voting Age	47,767	423
			0.89%
District			
ounty abersham			
	Total:	31,729	1,632
			5.14%
	Voting Age	24,637	1,304
			5.29%
ounty hite			
	Total:	28,003	721
			2.57%
	Voting Age	22,482	484
			2.15%
District Tota			
	Total:	59,732	2,353
			3.94%
	Voting Age	47,119	1,788
			3.79%
District			
ounty hero ee			
	Total:	25,970	1,863
			7.17%
	Voting Age	20,043	1,272
			6.35%
ounty Pic ens			
	Total:	33,216	512
			1.54%
	Voting Age	26,799	319
			1.19%
District Tota			
	Total:	59,186	2,375
			4.01%
	Voting Age	46,842	1,591
			3.40%
District			
ounty hattoo a			
	Total:	24,965	2,865
			11.48%
	Voting Age	19,416	2,235
			11.51%
ounty oyd			
	Total:	33,873	4,251
			12.55%
	Voting Age	26,484	3,005
			11.35%
District Tota			
	Total:	58,838	7,116
			12.09%
	Voting Age	45,900	5,240

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			11.42%
District			
ounty oyd			
	Total:	59,869	11,182
			18.68%
	Voting Age	45,920	7,930
			17.27%
District Tota			
	Total:	59,869	11,182
			18.68%
	Voting Age	45,920	7,930
			17.27%
District			
ounty arto			
	Total:	49,922	4,057
			8.13%
	Voting Age	37,978	2,884
			7.59%
ounty hero ee			
	Total:	9,447	295
			3.12%
	Voting Age	7,732	240
			3.10%
District Tota			
	Total:	59,369	4,352
			7.33%
	Voting Age	45,710	3,124
			6.83%
District			
ounty arto			
	Total:	58,979	9,338
			15.83%
	Voting Age	45,592	6,493
			14.24%
District Tota			
	Total:	58,979	9,338
			15.83%
	Voting Age	45,592	6,493
			14.24%
District			
ounty Pau din			
	Total:	16,860	1,972
			11.70%
	Voting Age	12,356	1,347
			10.90%
ounty Po			
	Total:	42,853	5,816
			13.57%
	Voting Age	32,238	3,991
			12.38%
District Tota			
	Total:	59,713	7,788
			13.04%
	Voting Age	44,594	5,338

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			11.97%
District			
ounty Pau din			
	Total:	58,677	18,507
			31.54%
	Voting Age	43,750	12,615
			28.83%
District Tota			
	Total:	58,677	18,507
			31.54%
	Voting Age	43,750	12,615
			28.83%
District			
ounty arro			
	Total:	19,214	2,233
			11.62%
	Voting Age	14,761	1,577
			10.68%
ounty ara son			
	Total:	29,919	1,541
			5.15%
	Voting Age	22,854	1,106
			4.84%
ounty Pau din			
	Total:	9,748	1,023
			10.49%
	Voting Age	7,272	691
			9.50%
District Tota			
	Total:	58,881	4,797
			8.15%
	Voting Age	44,887	3,374
			7.52%
District			
ounty Pau din			
	Total:	59,050	11,738
			19.88%
	Voting Age	42,592	7,817
			18.35%
District Tota			
	Total:	59,050	11,738
			19.88%
	Voting Age	42,592	7,817
			18.35%
District			
ounty hero ee			
	Total:	60,107	5,973
			9.94%
	Voting Age	45,725	4,230
			9.25%
District Tota			
	Total:	60,107	5,973
			9.94%
	Voting Age	45,725	4,230

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			9.25%
District			
ounty	**hero ee**		
	Total:	58,907	3,463
			5.88%
	Voting Age	44,459	2,373
			5.34%
District	**Tota**		
	Total:	58,907	3,463
			5.88%
	Voting Age	44,459	2,373
			5.34%
District			
ounty	**hero ee**		
	Total:	30,874	3,488
			11.30%
	Voting Age	23,465	2,341
			9.98%
ounty	**obb**		
	Total:	28,586	6,402
			22.40%
	Voting Age	22,350	4,577
			20.48%
District	**Tota**		
	Total:	59,460	9,890
			16.63%
	Voting Age	45,815	6,918
			15.10%
District			
ounty	**hero ee**		
	Total:	40,327	2,397
			5.94%
	Voting Age	29,726	1,572
			5.29%
ounty	**orsyth**		
	Total:	19,444	702
			3.61%
	Voting Age	14,052	421
			3.00%
District	**Tota**		
	Total:	59,771	3,099
			5.18%
	Voting Age	43,778	1,993
			4.55%
District			
ounty	**orsyth**		
	Total:	59,554	4,456
			7.48%
	Voting Age	42,107	3,022
			7.18%
District	**Tota**		
	Total:	59,554	4,456
			7.48%
	Voting Age	42,107	3,022

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			7.18%
District			
ounty	**orsyth**		
	Total:	46,134	2,200
			4.77%
	Voting Age	32,692	1,482
			4.53%
ounty	**u ton**		
	Total:	13,280	1,406
			10.59%
	Voting Age	9,828	1,025
			10.43%
District	**Tota**		
	Total:	59,414	3,606
			6.07%
	Voting Age	42,520	2,507
			5.90%
District			
ounty	**orsyth**		
	Total:	59,002	2,579
			4.37%
	Voting Age	43,874	1,723
			3.93%
District	**Tota**		
	Total:	59,002	2,579
			4.37%
	Voting Age	43,874	1,723
			3.93%
District			
ounty	**a**		
	Total:	58,710	3,372
			5.74%
	Voting Age	44,978	2,351
			5.23%
District	**Tota**		
	Total:	58,710	3,372
			5.74%
	Voting Age	44,978	2,351
			5.23%
District			
ounty	**orsyth**		
	Total:	51,321	2,442
			4.76%
	Voting Age	37,731	1,571
			4.16%
ounty	**a**		
	Total:	7,691	233
			3.03%
	Voting Age	6,211	162
			2.61%
District	**Tota**		
	Total:	59,012	2,675
			4.53%
	Voting Age	43,942	1,733

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			3.94%
District			
ounty a			
	Total:	59,015	8,074
			13.68%
	Voting Age	43,133	5,778
			13.40%
District Tota			
	Total:	59,015	8,074
			13.68%
	Voting Age	43,133	5,778
			13.40%
District			
ounty innett			
	Total:	8,620	1,529
			17.74%
	Voting Age	6,301	998
			15.84%
ounty a			
	Total:	50,646	3,657
			7.22%
	Voting Age	39,113	2,680
			6.85%
District Tota			
	Total:	59,266	5,186
			8.75%
	Voting Age	45,414	3,678
			8.10%
District			
ounty a			
	Total:	4,331	276
			6.37%
	Voting Age	3,100	199
			6.42%
ounty ac son			
	Total:	55,422	4,567
			8.24%
	Voting Age	40,669	3,126
			7.69%
District Tota			
	Total:	59,753	4,843
			8.11%
	Voting Age	43,769	3,325
			7.60%
District			
ounty an s			
	Total:	18,035	589
			3.27%
	Voting Age	13,900	365
			2.63%
ounty abersham			
	Total:	9,338	435
			4.66%
	Voting Age	7,057	302

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			4.28%
ounty a			
	Total:	5,309	320
			6.03%
	Voting Age	4,100	214
			5.22%
ounty te hens			
	Total:	26,784	3,527
			13.17%
	Voting Age	21,163	2,467
			11.66%
District Tota			
	Total:	59,466	4,871
			8.19%
	Voting Age	46,220	3,348
			7.24%
District			
ounty ran in			
	Total:	23,424	2,207
			9.42%
	Voting Age	18,307	1,523
			8.32%
ounty art			
	Total:	25,828	4,732
			18.32%
	Voting Age	20,436	3,447
			16.87%
ounty Madison			
	Total:	9,935	383
			3.86%
	Voting Age	7,755	237
			3.06%
District Tota			
	Total:	59,187	7,322
			12.37%
	Voting Age	46,498	5,207
			11.20%
District			
ounty obb			
	Total:	59,875	10,102
			16.87%
	Voting Age	45,758	7,169
			15.67%
District Tota			
	Total:	59,875	10,102
			16.87%
	Voting Age	45,758	7,169
			15.67%
District			
ounty obb			
	Total:	60,031	18,226
			30.36%
	Voting Age	48,436	13,735
			28.36%

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

District	**Tota**		
	Total:	60,031	18,226
			30.36%
	Voting Age	48,436	13,735
			28.36%
District			
ounty	**obb**		
	Total:	59,852	11,039
			18.44%
	Voting Age	44,787	7,613
			17.00%
District	**Tota**		
	Total:	59,852	11,039
			18.44%
	Voting Age	44,787	7,613
			17.00%
District			
ounty	**obb**		
	Total:	59,176	17,171
			29.02%
	Voting Age	46,223	13,027
			28.18%
District	**Tota**		
	Total:	59,176	17,171
			29.02%
	Voting Age	46,223	13,027
			28.18%
District			
ounty	**obb**		
	Total:	59,317	33,760
			56.91%
	Voting Age	44,839	24,318
			54.23%
District	**Tota**		
	Total:	59,317	33,760
			56.91%
	Voting Age	44,839	24,318
			54.23%
District			
ounty	**obb**		
	Total:	59,381	33,016
			55.60%
	Voting Age	44,436	24,569
			55.29%
District	**Tota**		
	Total:	59,381	33,016
			55.60%
	Voting Age	44,436	24,569
			55.29%
District			
ounty	**obb**		
	Total:	59,044	20,179
			34.18%
	Voting Age	47,976	15,821

P an om onents ith Po u ation Detai

			32.98%
District	**Tota**		
	Total:	59,044	20,179
			34.18%
	Voting Age	47,976	15,821
			32.98%
District			
ounty	**obb**		
	Total:	60,122	23,846
			39.66%
	Voting Age	45,271	17,816
			39.35%
District	**Tota**		
	Total:	60,122	23,846
			39.66%
	Voting Age	45,271	17,816
			39.35%
District			
ounty	**obb**		
	Total:	59,620	20,726
			34.76%
	Voting Age	48,525	16,353
			33.70%
District	**Tota**		
	Total:	59,620	20,726
			34.76%
	Voting Age	48,525	16,353
			33.70%
District			
ounty	**obb**		
	Total:	59,464	16,346
			27.49%
	Voting Age	47,033	12,476
			26.53%
District	**Tota**		
	Total:	59,464	16,346
			27.49%
	Voting Age	47,033	12,476
			26.53%
District			
ounty	**hero ee**		
	Total:	21,989	2,616
			11.90%
	Voting Age	17,142	1,838
			10.72%
ounty	**obb**		
	Total:	38,013	5,374
			14.14%
	Voting Age	29,631	3,797
			12.81%
District	**Tota**		
	Total:	60,002	7,990
			13.32%
	Voting Age	46,773	5,635

P an om onents ith Po u ation Detai

			12.05%
District			
ounty obb			
	Total:	59,738	3,303
			5.53%
	Voting Age	44,023	2,324
			5.28%
District Tota			
	Total:	59,738	3,303
			5.53%
	Voting Age	44,023	2,324
			5.28%
District			
ounty hero ee			
	Total:	15,178	1,451
			9.56%
	Voting Age	11,572	1,014
			8.76%
ounty obb			
	Total:	43,930	3,626
			8.25%
	Voting Age	32,560	2,546
			7.82%
District Tota			
	Total:	59,108	5,077
			8.59%
	Voting Age	44,132	3,560
			8.07%
District			
ounty hero ee			
	Total:	3,821	141
			3.69%
	Voting Age	3,064	96
			3.13%
ounty u ton			
	Total:	55,235	6,444
			11.67%
	Voting Age	40,829	4,612
			11.30%
District Tota			
	Total:	59,056	6,585
			11.15%
	Voting Age	43,893	4,708
			10.73%
District			
ounty u ton			
	Total:	43,976	5,589
			12.71%
	Voting Age	33,385	4,110
			12.31%
ounty innett			
	Total:	15,027	1,627
			10.83%
	Voting Age	11,394	1,169

P an om onents ith Po u ation Detai

			10.26%
District	**Tota**		
	Total:	59,003	7,216
			12.23%
	Voting Age	44,779	5,279
			11.79%
District			
ounty	**u ton**		
	Total:	59,153	5,234
			8.85%
	Voting Age	45,263	3,813
			8.42%
District	**Tota**		
	Total:	59,153	5,234
			8.85%
	Voting Age	45,263	3,813
			8.42%
District			
ounty	**u ton**		
	Total:	59,523	7,763
			13.04%
	Voting Age	43,940	5,450
			12.40%
District	**Tota**		
	Total:	59,523	7,763
			13.04%
	Voting Age	43,940	5,450
			12.40%
District			
ounty	**u ton**		
	Total:	58,952	14,766
			25.05%
	Voting Age	47,262	11,193
			23.68%
District	**Tota**		
	Total:	58,952	14,766
			25.05%
	Voting Age	47,262	11,193
			23.68%
District			
ounty	**De a b**		
	Total:	28,300	3,815
			13.48%
	Voting Age	21,991	3,074
			13.98%
ounty	**u ton**		
	Total:	31,511	5,646
			17.92%
	Voting Age	26,534	4,684
			17.65%
District	**Tota**		
	Total:	59,811	9,461
			15.82%
	Voting Age	48,525	7,758

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			15.99%
District			
ounty	**u ton**		
	Total:	59,953	8,685
			14.49%
	Voting Age	46,944	6,819
			14.53%
District	**Tota**		
	Total:	59,953	8,685
			14.49%
	Voting Age	46,944	6,819
			14.53%
District			
ounty	**u ton**		
	Total:	60,083	9,048
			15.06%
	Voting Age	50,338	7,789
			15.47%
District	**Tota**		
	Total:	60,083	9,048
			15.06%
	Voting Age	50,338	7,789
			15.47%
District			
ounty	**u ton**		
	Total:	59,971	34,374
			57.32%
	Voting Age	49,255	27,279
			55.38%
District	**Tota**		
	Total:	59,971	34,374
			57.32%
	Voting Age	49,255	27,279
			55.38%
District			
ounty	**u ton**		
	Total:	58,929	29,016
			49.24%
	Voting Age	52,757	23,993
			45.48%
District	**Tota**		
	Total:	58,929	29,016
			49.24%
	Voting Age	52,757	23,993
			45.48%
District			
ounty	**u ton**		
	Total:	59,969	10,691
			17.83%
	Voting Age	52,097	9,411
			18.06%
District	**Tota**		
	Total:	59,969	10,691

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APA_Cooper_Hse_illustrative12_05

			17.83%
	Voting Age	52,097	9,411
			18.06%
District			
ounty u ton			
	Total:	59,057	39,036
			66.10%
	Voting Age	50,514	31,845
			63.04%
District Tota			
	Total:	59,057	39,036
			66.10%
	Voting Age	50,514	31,845
			63.04%
District			
ounty u ton			
	Total:	59,434	43,468
			73.14%
	Voting Age	49,179	34,470
			70.09%
District Tota			
	Total:	59,434	43,468
			73.14%
	Voting Age	49,179	34,470
			70.09%
District			
ounty u ton			
	Total:	59,709	38,562
			64.58%
	Voting Age	45,490	29,061
			63.88%
District Tota			
	Total:	59,709	38,562
			64.58%
	Voting Age	45,490	29,061
			63.88%
District			
ounty Dou as			
	Total:	30,206	16,654
			55.13%
	Voting Age	23,160	12,498
			53.96%
ounty u ton			
	Total:	29,096	27,881
			95.82%
	Voting Age	22,287	21,264
			95.41%
District Tota			
	Total:	59,302	44,535
			75.10%
	Voting Age	45,447	33,762
			74.29%
District			

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APA_Cooper_Hse_illustrative12_05

ounty u ton			
	Total:	59,450	43,732
			73.56%
	Voting Age	46,426	33,548
			72.26%
District Tota			
	Total:	59,450	43,732
			73.56%
	Voting Age	46,426	33,548
			72.26%
District			
ounty u ton			
	Total:	59,381	42,146
			70.98%
	Voting Age	45,043	31,229
			69.33%
District Tota			
	Total:	59,381	42,146
			70.98%
	Voting Age	45,043	31,229
			69.33%
District			
ounty Dou as			
	Total:	35,576	11,235
			31.58%
	Voting Age	26,860	7,946
			29.58%
ounty Pau din			
	Total:	24,326	8,056
			33.12%
	Voting Age	18,028	5,694
			31.58%
District Tota			
	Total:	59,902	19,291
			32.20%
	Voting Age	44,888	13,640
			30.39%
District			
ounty o eta			
	Total:	13,008	1,621
			12.46%
	Voting Age	9,714	1,190
			12.25%
ounty Dou as			
	Total:	19,408	13,161
			67.81%
	Voting Age	14,130	9,286
			65.72%
ounty u ton			
	Total:	27,048	22,920
			84.74%
	Voting Age	20,542	17,035
			82.93%
District Tota			

	Total:	59,464	37,702
			63.40%
	Voting Age	44,386	27,511
			61.98%
District			
ounty Dou as			
	Total:	59,047	33,210
			56.24%
	Voting Age	44,278	23,647
			53.41%
District Tota			
	Total:	59,047	33,210
			56.24%
	Voting Age	44,278	23,647
			53.41%
District			
ounty o eta			
	Total:	17,272	1,374
			7.96%
	Voting Age	13,061	996
			7.63%
ounty u ton			
	Total:	41,863	34,064
			81.37%
	Voting Age	31,238	25,103
			80.36%
District Tota			
	Total:	59,135	35,438
			59.93%
	Voting Age	44,299	26,099
			58.92%
District			
ounty ayette			
	Total:	29,719	7,094
			23.87%
	Voting Age	22,798	5,151
			22.59%
ounty u ton			
	Total:	29,758	27,095
			91.05%
	Voting Age	22,037	19,843
			90.04%
District Tota			
	Total:	59,477	34,189
			57.48%
	Voting Age	44,835	24,994
			55.75%
District			
ounty ayette			
	Total:	39,018	13,922
			35.68%
	Voting Age	30,502	10,501
			34.43%
ounty u ton			

	Total:	21,379	20,058
			93.82%
	Voting Age	15,994	15,059
			94.15%
District	**Tota**		
	Total:	60,397	33,980
			56.26%
	Voting Age	46,496	25,560
			54.97%
District			
ounty	**arro**		
	Total:	2,854	148
			5.19%
	Voting Age	2,259	106
			4.69%
ounty	**o eta**		
	Total:	56,267	17,602
			31.28%
	Voting Age	42,990	12,485
			29.04%
District	**Tota**		
	Total:	59,121	17,750
			30.02%
	Voting Age	45,249	12,591
			27.83%
District			
ounty	**arro**		
	Total:	59,415	11,929
			20.08%
	Voting Age	44,604	8,329
			18.67%
District	**Tota**		
	Total:	59,415	11,929
			20.08%
	Voting Age	44,604	8,329
			18.67%
District			
ounty	**arro**		
	Total:	37,665	10,308
			27.37%
	Voting Age	29,372	7,815
			26.61%
ounty	**eard**		
	Total:	11,412	1,142
			10.01%
	Voting Age	8,698	832
			9.57%
ounty	**Trou**		
	Total:	10,281	2,312
			22.49%
	Voting Age	7,843	1,628
			20.76%
District	**Tota**		
	Total:	59,358	13,762

			23.18%
	Voting Age	45,913	10,275
			22.38%
District			
ounty o eta			
	Total:	31,608	4,579
			14.49%
	Voting Age	24,269	3,242
			13.36%
ounty ayette			
	Total:	28,581	2,807
			9.82%
	Voting Age	21,515	1,925
			8.95%
District Tota			
	Total:	60,189	7,386
			12.27%
	Voting Age	45,784	5,167
			11.29%
District			
ounty ayton			
	Total:	34,646	27,920
			80.59%
	Voting Age	25,346	20,094
			79.28%
ounty enry			
	Total:	18,397	9,234
			50.19%
	Voting Age	13,441	6,374
			47.42%
ounty a din			
	Total:	6,933	1,037
			14.96%
	Voting Age	5,452	735
			13.48%
District Tota			
	Total:	59,976	38,191
			63.68%
	Voting Age	44,239	27,203
			61.49%
District			
ounty ayton			
	Total:	60,164	44,430
			73.85%
	Voting Age	44,354	32,528
			73.34%
District Tota			
	Total:	60,164	44,430
			73.85%
	Voting Age	44,354	32,528
			73.34%
District			
ounty ayton			
	Total:	58,905	41,669

			70.74%
	Voting Age	43,809	30,710
			70.10%
District Tota			
	Total:	58,905	41,669
			70.74%
	Voting Age	43,809	30,710
			70.10%
District			
ounty ayton			
	Total:	36,866	31,151
			84.50%
	Voting Age	27,816	23,531
			84.60%
ounty ayette			
	Total:	21,876	8,253
			37.73%
	Voting Age	16,983	6,151
			36.22%
District Tota			
	Total:	58,742	39,404
			67.08%
	Voting Age	44,799	29,682
			66.26%
District			
ounty ayton			
	Total:	45,741	31,794
			69.51%
	Voting Age	34,457	23,339
			67.73%
ounty enry			
	Total:	13,447	8,212
			61.07%
	Voting Age	10,444	6,089
			58.30%
District Tota			
	Total:	59,188	40,006
			67.59%
	Voting Age	44,901	29,428
			65.54%
District			
ounty ayton			
	Total:	58,624	37,939
			64.72%
	Voting Age	42,548	27,466
			64.55%
District Tota			
	Total:	58,624	37,939
			64.72%
	Voting Age	42,548	27,466
			64.55%
District			
ounty De a b			
	Total:	59,461	8,128

			13.67%
	Voting Age	44,784	6,350
			14.18%
District	**Tota**		
	Total:	59,461	8,128
			13.67%
	Voting Age	44,784	6,350
			14.18%
District			
ounty De a b			
	Total:	59,007	12,487
			21.16%
	Voting Age	46,259	10,099
			21.83%
District	**Tota**		
	Total:	59,007	12,487
			21.16%
	Voting Age	46,259	10,099
			21.83%
District			
ounty De a b			
	Total:	59,724	9,763
			16.35%
	Voting Age	50,238	8,455
			16.83%
District	**Tota**		
	Total:	59,724	9,763
			16.35%
	Voting Age	50,238	8,455
			16.83%
District			
ounty De a b			
	Total:	59,416	8,327
			14.01%
	Voting Age	46,581	7,044
			15.12%
District	**Tota**		
	Total:	59,416	8,327
			14.01%
	Voting Age	46,581	7,044
			15.12%
District			
ounty De a b			
	Total:	59,862	43,909
			73.35%
	Voting Age	47,350	34,877
			73.66%
District	**Tota**		
	Total:	59,862	43,909
			73.35%
	Voting Age	47,350	34,877
			73.66%
District			
ounty De a b			

	Total:	59,373	37,650
			63.41%
	Voting Age	46,308	29,041
			62.71%
District	**Tota**		
	Total:	59,373	37,650
			63.41%
	Voting Age	46,308	29,041
			62.71%
District			
ounty De a b			
	Total:	59,205	44,458
			75.09%
	Voting Age	44,614	33,485
			75.05%
District	**Tota**		
	Total:	59,205	44,458
			75.09%
	Voting Age	44,614	33,485
			75.05%
District			
ounty De a b			
	Total:	59,709	44,195
			74.02%
	Voting Age	45,615	33,336
			73.08%
District	**Tota**		
	Total:	59,709	44,195
			74.02%
	Voting Age	45,615	33,336
			73.08%
District			
ounty De a b			
	Total:	47,844	34,877
			72.90%
	Voting Age	37,310	26,554
			71.17%
ounty	**innett**		
	Total:	11,845	3,638
			30.71%
	Voting Age	8,763	2,633
			30.05%
District	**Tota**		
	Total:	59,689	38,515
			64.53%
	Voting Age	46,073	29,187
			63.35%
District			
ounty De a b			
	Total:	59,866	37,494
			62.63%
	Voting Age	46,198	28,890
			62.54%
District	**Tota**		

	Total:	59,866	37,494
			62.63%
	Voting Age	46,198	28,890
			62.54%
District			
ounty De a b			
	Total:	59,812	35,965
			60.13%
	Voting Age	48,015	28,082
			58.49%
District Tota			
	Total:	59,812	35,965
			60.13%
	Voting Age	48,015	28,082
			58.49%
District			
ounty De a b			
	Total:	19,700	18,867
			95.77%
	Voting Age	14,941	14,323
			95.86%
ounty enry			
	Total:	34,420	19,135
			55.59%
	Voting Age	26,892	14,387
			53.50%
ounty oc da e			
	Total:	4,781	2,458
			51.41%
	Voting Age	3,817	1,879
			49.23%
District Tota			
	Total:	58,901	40,460
			68.69%
	Voting Age	45,650	30,589
			67.01%
District			
ounty De a b			
	Total:	15,607	14,612
			93.62%
	Voting Age	11,794	10,979
			93.09%
ounty oc da e			
	Total:	44,666	28,366
			63.51%
	Voting Age	34,757	21,043
			60.54%
District Tota			
	Total:	60,273	42,978
			71.31%
	Voting Age	46,551	32,022
			68.79%
District			
ounty De a b			

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	Total:	11,690	10,625
			90.89%
	Voting Age	8,476	7,662
			90.40%
ounty Ne ton			
	Total:	15,515	8,194
			52.81%
	Voting Age	12,080	6,153
			50.94%
ounty oc da e			
	Total:	32,913	21,430
			65.11%
	Voting Age	24,178	15,424
			63.79%
District Tota			
	Total:	60,118	40,249
			66.95%
	Voting Age	44,734	29,239
			65.36%
District			
ounty De a b			
	Total:	31,207	29,080
			93.18%
	Voting Age	23,817	22,124
			92.89%
ounty innett			
	Total:	28,004	12,317
			43.98%
	Voting Age	20,992	8,811
			41.97%
District Tota			
	Total:	59,211	41,397
			69.91%
	Voting Age	44,809	30,935
			69.04%
District			
ounty De a b			
	Total:	14,599	13,199
			90.41%
	Voting Age	10,985	9,855
			89.71%
ounty innett			
	Total:	34,221	23,533
			68.77%
	Voting Age	25,212	16,739
			66.39%
ounty oc da e			
	Total:	11,210	4,950
			44.16%
	Voting Age	8,751	3,589
			41.01%
District Tota			
	Total:	60,030	41,682
			69.44%

	Voting Age	44,948	30,183
			67.15%
District			
ounty	**innett**		
	Total:	59,515	13,970
			23.47%
	Voting Age	44,671	10,273
			23.00%
District	**Tota**		
	Total:	59,515	13,970
			23.47%
	Voting Age	44,671	10,273
			23.00%
District			
ounty	**innett**		
	Total:	59,072	16,869
			28.56%
	Voting Age	46,339	12,405
			26.77%
District	**Tota**		
	Total:	59,072	16,869
			28.56%
	Voting Age	46,339	12,405
			26.77%
District			
ounty	**innett**		
	Total:	59,998	13,286
			22.14%
	Voting Age	42,734	9,934
			23.25%
District	**Tota**		
	Total:	59,998	13,286
			22.14%
	Voting Age	42,734	9,934
			23.25%
District			
ounty	**innett**		
	Total:	59,850	9,514
			15.90%
	Voting Age	45,004	6,622
			14.71%
District	**Tota**		
	Total:	59,850	9,514
			15.90%
	Voting Age	45,004	6,622
			14.71%
District			
ounty	**orsyth**		
	Total:	15,828	843
			5.33%
	Voting Age	10,737	532
			4.95%
ounty	**innett**		

	Total:	35,204	4,889
			13.89%
	Voting Age	25,378	3,318
			13.07%
ounty a			
	Total:	7,819	623
			7.97%
	Voting Age	5,923	387
			6.53%
District Tota			
	Total:	58,851	6,355
			10.80%
	Voting Age	42,038	4,237
			10.08%
District			
ounty innett			
	Total:	59,938	15,380
			25.66%
	Voting Age	46,584	11,269
			24.19%
District Tota			
	Total:	59,938	15,380
			25.66%
	Voting Age	46,584	11,269
			24.19%
District			
ounty innett			
	Total:	58,959	23,702
			40.20%
	Voting Age	42,968	16,164
			37.62%
District Tota			
	Total:	58,959	23,702
			40.20%
	Voting Age	42,968	16,164
			37.62%
District			
ounty innett			
	Total:	51,691	10,201
			19.73%
	Voting Age	38,022	7,144
			18.79%
ounty a			
	Total:	8,506	427
			5.02%
	Voting Age	6,377	310
			4.86%
District Tota			
	Total:	60,197	10,628
			17.66%
	Voting Age	44,399	7,454
			16.79%
District			
ounty arro			

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	Total:	24,245	3,059 12.62%
	Voting Age	17,849	2,036 11.41%
ounty	**innett**		
	Total:	35,117	7,684 21.88%
	Voting Age	25,457	5,337 20.96%
District	**Tota**		
	Total:	59,362	10,743 18.10%
	Voting Age	43,306	7,373 17.03%
District			
ounty	**innett**		
	Total:	59,344	18,444 31.08%
	Voting Age	43,474	12,628 29.05%
District	**Tota**		
	Total:	59,344	18,444 31.08%
	Voting Age	43,474	12,628 29.05%
District			
ounty	**innett**		
	Total:	59,112	23,221 39.28%
	Voting Age	43,890	15,918 36.27%
District	**Tota**		
	Total:	59,112	23,221 39.28%
	Voting Age	43,890	15,918 36.27%
District			
ounty	**innett**		
	Total:	59,702	18,372 30.77%
	Voting Age	44,509	13,186 29.63%
District	**Tota**		
	Total:	59,702	18,372 30.77%
	Voting Age	44,509	13,186 29.63%
District			
ounty	**innett**		
	Total:	59,577	11,946 20.05%
	Voting Age	44,308	8,132 18.35%
District	**Tota**		

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APA_Cooper_Hse_illustrative12_05

	Total:	59,577	11,946
			20.05%
	Voting Age	44,308	8,132
			18.35%
District			
ounty	**innett**		
	Total:	59,630	19,592
			32.86%
	Voting Age	44,140	14,352
			32.51%
District	**Tota**		
	Total:	59,630	19,592
			32.86%
	Voting Age	44,140	14,352
			32.51%
District			
ounty	**innett**		
	Total:	59,951	30,042
			50.11%
	Voting Age	43,226	20,400
			47.19%
District	**Tota**		
	Total:	59,951	30,042
			50.11%
	Voting Age	43,226	20,400
			47.19%
District			
ounty	**innett**		
	Total:	22,685	7,931
			34.96%
	Voting Age	16,118	5,330
			33.07%
ounty	**a ton**		
	Total:	37,324	6,641
			17.79%
	Voting Age	27,978	4,498
			16.08%
District	**Tota**		
	Total:	60,009	14,572
			24.28%
	Voting Age	44,096	9,828
			22.29%
District			
ounty	**a ton**		
	Total:	59,349	12,163
			20.49%
	Voting Age	45,120	8,667
			19.21%
District	**Tota**		
	Total:	59,349	12,163
			20.49%
	Voting Age	45,120	8,667
			19.21%
District			

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ounty Ne ton			
	Total:	60,053	37,002
			61.62%
	Voting Age	44,538	26,515
			59.53%
District Tota			
	Total:	60,053	37,002
			61.62%
	Voting Age	44,538	26,515
			59.53%
District			
ounty as er			
	Total:	2,855	394
			13.80%
	Voting Age	2,168	302
			13.93%
ounty Mor an			
	Total:	20,097	4,339
			21.59%
	Voting Age	15,574	3,280
			21.06%
ounty Ne ton			
	Total:	36,915	10,705
			29.00%
	Voting Age	28,130	7,765
			27.60%
District Tota			
	Total:	59,867	15,438
			25.79%
	Voting Age	45,872	11,347
			24.74%
District			
ounty enry			
	Total:	59,473	33,970
			57.12%
	Voting Age	43,983	23,843
			54.21%
District Tota			
	Total:	59,473	33,970
			57.12%
	Voting Age	43,983	23,843
			54.21%
District			
ounty ayton			
	Total:	2,649	1,448
			54.66%
	Voting Age	2,248	1,186
			52.76%
ounty enry			
	Total:	56,447	32,132
			56.92%
	Voting Age	42,831	23,310
			54.42%
District Tota			

	Total:	59,096	33,580
			56.82%
	Voting Age	45,079	24,496
			54.34%
District			
ounty enry			
	Total:	23,709	14,540
			61.33%
	Voting Age	17,219	10,144
			58.91%
ounty a din			
	Total:	34,983	19,417
			55.50%
	Voting Age	26,688	13,848
			51.89%
District Tota			
	Total:	58,692	33,957
			57.86%
	Voting Age	43,907	23,992
			54.64%
District			
ounty utts			
	Total:	25,434	7,212
			28.36%
	Voting Age	20,360	5,660
			27.80%
ounty enry			
	Total:	34,819	7,988
			22.94%
	Voting Age	25,163	5,510
			21.90%
District Tota			
	Total:	60,253	15,200
			25.23%
	Voting Age	45,523	11,170
			24.54%
District			
ounty arro			
	Total:	59,260	8,848
			14.93%
	Voting Age	44,346	6,186
			13.95%
District Tota			
	Total:	59,260	8,848
			14.93%
	Voting Age	44,346	6,186
			13.95%
District			
ounty ar e			
	Total:	39,069	9,280
			23.75%
	Voting Age	31,995	7,113
			22.23%
ounty ac son			

	Total:	20,485	1,581
			7.72%
	Voting Age	15,782	1,142
			7.24%
District	**Tota**		
	Total:	59,554	10,861
			18.24%
	Voting Age	47,777	8,255
			17.28%
District			
ounty	**ar e**		
	Total:	17,789	4,125
			23.19%
	Voting Age	14,946	2,986
			19.98%
ounty	**conee**		
	Total:	41,799	2,280
			5.45%
	Voting Age	30,221	1,660
			5.49%
District	**Tota**		
	Total:	59,588	6,405
			10.75%
	Voting Age	45,167	4,646
			10.29%
District			
ounty	**ar e**		
	Total:	59,628	16,328
			27.38%
	Voting Age	50,232	11,764
			23.42%
District	**Tota**		
	Total:	59,628	16,328
			27.38%
	Voting Age	50,232	11,764
			23.42%
District			
ounty	**o umbia**		
	Total:	2,205	478
			21.68%
	Voting Age	1,801	398
			22.10%
ounty	**bert**		
	Total:	19,637	5,520
			28.11%
	Voting Age	15,493	4,122
			26.61%
ounty	**inco n**		
	Total:	7,690	2,212
			28.76%
	Voting Age	6,270	1,728
			27.56%
ounty	**Madison**		
	Total:	20,185	2,813

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			13.94%
	Voting Age	15,357	1,988
			12.95%
ounty ethor e			
	Total:	6,839	1,172
			17.14%
	Voting Age	5,354	909
			16.98%
ounty i es			
	Total:	3,156	851
			26.96%
	Voting Age	2,561	677
			26.43%
District Tota			
	Total:	59,712	13,046
			21.85%
	Voting Age	46,836	9,822
			20.97%
District			
ounty ar e			
	Total:	12,185	3,939
			32.33%
	Voting Age	9,657	2,913
			30.16%
ounty reene			
	Total:	18,915	6,027
			31.86%
	Voting Age	15,358	4,470
			29.11%
ounty ethor e			
	Total:	7,986	1,296
			16.23%
	Voting Age	6,285	944
			15.02%
ounty Putnam			
	Total:	19,736	4,986
			25.26%
	Voting Age	16,038	3,656
			22.80%
District Tota			
	Total:	58,822	16,248
			27.62%
	Voting Age	47,338	11,983
			25.31%
District			
ounty o umbia			
	Total:	38,290	10,352
			27.04%
	Voting Age	27,715	6,946
			25.06%
ounty McDu ie			
	Total:	21,632	9,045
			41.81%
	Voting Age	16,615	6,425

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			38.67%
District	**Tota**		
	Total:	59,922	19,397
			32.37%
	Voting Age	44,330	13,371
			30.16%
District			
ounty	**ur e**		
	Total:	22,561	10,306
			45.68%
	Voting Age	17,177	7,466
			43.47%
ounty	**ascoc**		
	Total:	2,884	226
			7.84%
	Voting Age	2,236	167
			7.47%
ounty	**e erson**		
	Total:	7,087	2,930
			41.34%
	Voting Age	5,499	2,229
			40.53%
ounty	**ichmond**		
	Total:	24,132	18,112
			75.05%
	Voting Age	18,266	13,361
			73.15%
ounty	**creven**		
	Total:	3,313	1,803
			54.42%
	Voting Age	2,461	1,327
			53.92%
District	**Tota**		
	Total:	59,977	33,377
			55.65%
	Voting Age	45,639	24,550
			53.79%
District			
ounty	**o umbia**		
	Total:	56,419	9,307
			16.50%
	Voting Age	43,406	6,530
			15.04%
ounty	**ichmond**		
	Total:	3,875	1,011
			26.09%
	Voting Age	3,329	805
			24.18%
District	**Tota**		
	Total:	60,294	10,318
			17.11%
	Voting Age	46,735	7,335
			15.69%
District			

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

ounty ur e			
	Total:	2,035	1,124
			55.23%
	Voting Age	1,601	896
			55.97%
ounty e erson			
	Total:	8,622	5,278
			61.22%
	Voting Age	6,802	4,095
			60.20%
ounty ohnson			
	Total:	7,274	3,005
			41.31%
	Voting Age	5,984	2,431
			40.63%
ounty aurens			
	Total:	22,064	12,375
			56.09%
	Voting Age	16,358	8,650
			52.88%
ounty ashin ton			
	Total:	19,988	10,969
			54.88%
	Voting Age	15,709	8,333
			53.05%
District Tota			
	Total:	59,983	32,751
			54.60%
	Voting Age	46,454	24,405
			52.54%
District			
ounty ichmond			
	Total:	59,891	32,634
			54.49%
	Voting Age	47,950	24,526
			51.15%
District Tota			
	Total:	59,891	32,634
			54.49%
	Voting Age	47,950	24,526
			51.15%
District			
ounty ichmond			
	Total:	60,057	35,214
			58.63%
	Voting Age	45,227	24,946
			55.16%
District Tota			
	Total:	60,057	35,214
			58.63%
	Voting Age	45,227	24,946
			55.16%
District			
ounty o umbia			

	Total:	59,096	12,379
			20.95%
	Voting Age	41,901	8,399
			20.04%
District	**Tota**		
	Total:	59,096	12,379
			20.95%
	Voting Age	41,901	8,399
			20.04%
District			
ounty	**ichmond**		
	Total:	58,652	32,999
			56.26%
	Voting Age	46,127	24,292
			52.66%
District	**Tota**		
	Total:	58,652	32,999
			56.26%
	Voting Age	46,127	24,292
			52.66%
District			
ounty	**a d in**		
	Total:	27,925	15,111
			54.11%
	Voting Age	22,446	11,550
			51.46%
ounty	**ancoc**		
	Total:	8,735	6,131
			70.19%
	Voting Age	7,487	5,108
			68.22%
ounty	**Ta ia erro**		
	Total:	1,559	876
			56.19%
	Voting Age	1,289	722
			56.01%
ounty	**arren**		
	Total:	5,215	3,128
			59.98%
	Voting Age	4,159	2,360
			56.74%
ounty	**i es**		
	Total:	6,409	3,138
			48.96%
	Voting Age	5,090	2,394
			47.03%
ounty	**i inson**		
	Total:	8,877	3,330
			37.51%
	Voting Age	7,026	2,549
			36.28%
District	**Tota**		
	Total:	58,720	31,714
			54.01%

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

	Voting Age	47,497	24,683 51.97%
District			
ounty Pi e			
	Total:	18,889	1,613 8.54%
	Voting Age	14,337	1,254 8.75%
ounty a din			
	Total:	25,390	4,068 16.02%
	Voting Age	19,983	2,928 14.65%
ounty son			
	Total:	14,343	2,612 18.21%
	Voting Age	11,301	1,912 16.92%
District Tota			
	Total:	58,622	8,293 14.15%
	Voting Age	45,621	6,094 13.36%
District			
ounty as er			
	Total:	11,733	2,282 19.45%
	Voting Age	8,950	1,664 18.59%
ounty amar			
	Total:	18,500	5,220 28.22%
	Voting Age	14,541	4,017 27.63%
ounty Monroe			
	Total:	27,023	6,188 22.90%
	Voting Age	21,163	4,853 22.93%
ounty Putnam			
	Total:	2,311	715 30.94%
	Voting Age	1,809	573 31.67%
District Tota			
	Total:	59,567	14,405 24.18%
	Voting Age	46,463	11,107 23.91%
District			
ounty o eta			
	Total:	28,003	3,113 11.12%
	Voting Age	21,121	2,283

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

			10.81%
ounty Meri ether			
	Total:	13,382	4,842
			36.18%
	Voting Age	10,832	3,828
			35.34%
ounty Trou			
	Total:	18,410	9,712
			52.75%
	Voting Age	13,818	7,016
			50.77%
District Tota			
	Total:	59,795	17,667
			29.55%
	Voting Age	45,771	13,127
			28.68%
District			
ounty Meri ether			
	Total:	7,231	2,705
			37.41%
	Voting Age	5,694	2,017
			35.42%
ounty Musco ee			
	Total:	30,443	19,637
			64.50%
	Voting Age	22,797	14,291
			62.69%
ounty Ta bot			
	Total:	5,733	3,145
			54.86%
	Voting Age	4,783	2,537
			53.04%
ounty Trou			
	Total:	15,647	6,628
			42.36%
	Voting Age	11,680	4,680
			40.07%
District Tota			
	Total:	59,054	32,115
			54.38%
	Voting Age	44,954	23,525
			52.33%
District			
ounty arris			
	Total:	21,634	3,615
			16.71%
	Voting Age	16,816	2,768
			16.46%
ounty Musco ee			
	Total:	12,190	1,636
			13.42%
	Voting Age	9,628	1,178
			12.24%
ounty Trou			

	Total:	25,088	6,821
			27.19%
	Voting Age	19,240	4,878
			25.35%
District Tota			
	Total:	58,912	12,072
			20.49%
	Voting Age	45,684	8,824
			19.32%
District			
ounty arris			
	Total:	13,034	2,127
			16.32%
	Voting Age	9,983	1,663
			16.66%
ounty Musco ee			
	Total:	45,976	10,719
			23.31%
	Voting Age	35,539	7,564
			21.28%
District Tota			
	Total:	59,010	12,846
			21.77%
	Voting Age	45,522	9,227
			20.27%
District			
ounty Musco ee			
	Total:	59,294	35,460
			59.80%
	Voting Age	44,411	25,596
			57.63%
District Tota			
	Total:	59,294	35,460
			59.80%
	Voting Age	44,411	25,596
			57.63%
District			
ounty Musco ee			
	Total:	59,019	34,760
			58.90%
	Voting Age	44,677	25,672
			57.46%
District Tota			
	Total:	59,019	34,760
			58.90%
	Voting Age	44,677	25,672
			57.46%
District			
ounty ibb			
	Total:	31,424	19,321
			61.48%
	Voting Age	23,149	13,371
			57.76%
ounty ouston			

	Total:	27,213	13,619
			50.05%
	Voting Age	20,072	9,324
			46.45%
District Tota			
	Total:	58,637	32,940
			56.18%
	Voting Age	43,221	22,695
			52.51%
District			
ounty ibb			
	Total:	50,749	32,913
			64.85%
	Voting Age	39,734	24,349
			61.28%
ounty T i s			
	Total:	8,022	3,226
			40.21%
	Voting Age	6,589	2,627
			39.87%
District Tota			
	Total:	58,771	36,139
			61.49%
	Voting Age	46,323	26,976
			58.23%
District			
ounty a d in			
	Total:	15,874	3,874
			24.40%
	Voting Age	13,286	2,965
			22.32%
ounty ibb			
	Total:	15,893	4,807
			30.25%
	Voting Age	12,451	3,513
			28.21%
ounty ones			
	Total:	28,347	7,114
			25.10%
	Voting Age	21,575	5,341
			24.76%
District Tota			
	Total:	60,114	15,795
			26.28%
	Voting Age	47,312	11,819
			24.98%
District			
ounty ibb			
	Total:	59,280	31,824
			53.68%
	Voting Age	45,568	23,037
			50.56%
ounty Monroe			
	Total:	934	256

			27.41%
	Voting Age	750	215
			28.67%
District Tota			
	Total:	60,214	32,080
			53.28%
	Voting Age	46,318	23,252
			50.20%
District			
ounty ouston			
	Total:	58,683	16,035
			27.32%
	Voting Age	43,280	11,405
			26.35%
District Tota			
	Total:	58,683	16,035
			27.32%
	Voting Age	43,280	11,405
			26.35%
District			
ounty ra ord			
	Total:	12,130	2,455
			20.24%
	Voting Age	9,606	1,938
			20.17%
ounty ouston			
	Total:	19,098	5,668
			29.68%
	Voting Age	13,680	3,974
			29.05%
ounty Peach			
	Total:	14,093	3,312
			23.50%
	Voting Age	11,209	2,478
			22.11%
ounty son			
	Total:	13,357	5,712
			42.76%
	Voting Age	10,410	4,290
			41.21%
District Tota			
	Total:	58,678	17,147
			29.22%
	Voting Age	44,905	12,680
			28.24%
District			
ounty en i			
	Total:	17,194	6,537
			38.02%
	Voting Age	13,165	4,745
			36.04%
ounty ris			
	Total:	20,128	9,194
			45.68%

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

	Voting Age	15,570	6,603 42.41%
ounty Pu as i			
	Total:	9,855	3,250 32.98%
	Voting Age	8,012	2,564 32.00%
ounty Te air			
	Total:	2,991	921 30.79%
	Voting Age	2,306	692 30.01%
ounty i co			
	Total:	8,766	3,161 36.06%
	Voting Age	7,218	2,693 37.31%
District Tota			
	Total:	58,934	23,063 39.13%
	Voting Age	46,271	17,297 37.38%
District			
ounty ouston			
	Total:	58,639	21,198 36.15%
	Voting Age	45,086	14,902 33.05%
District Tota			
	Total:	58,639	21,198 36.15%
	Voting Age	45,086	14,902 33.05%
District			
ounty Doo y			
	Total:	11,208	5,652 50.43%
	Voting Age	9,187	4,526 49.27%
ounty Macon			
	Total:	12,082	7,296 60.39%
	Voting Age	9,938	6,021 60.59%
ounty Peach			
	Total:	13,888	9,333 67.20%
	Voting Age	10,902	7,242 66.43%
ounty umter			
	Total:	14,282	7,237 50.67%
	Voting Age	10,903	5,178 47.49%

P an om onents ith Po u ation Detai

APA_Cooper_Hse_illustrative12_05

ounty Tay or			
	Total:	7,816	2,946
			37.69%
	Voting Age	6,120	2,235
			36.52%
District Tota			
	Total:	59,276	32,464
			54.77%
	Voting Age	47,050	25,202
			53.56%
District			
ounty hattahoochee			
	Total:	9,565	1,825
			19.08%
	Voting Age	7,199	1,287
			17.88%
ounty ee			
	Total:	22,297	5,365
			24.06%
	Voting Age	16,547	3,855
			23.30%
ounty Marion			
	Total:	7,498	2,223
			29.65%
	Voting Age	5,854	1,687
			28.82%
ounty ch ey			
	Total:	4,547	933
			20.52%
	Voting Age	3,328	644
			19.35%
ounty umter			
	Total:	15,334	8,309
			54.19%
	Voting Age	12,133	6,301
			51.93%
District Tota			
	Total:	59,241	18,655
			31.49%
	Voting Age	45,061	13,774
			30.57%
District			
ounty o uitt			
	Total:	19,169	5,916
			30.86%
	Voting Age	14,106	4,151
			29.43%
ounty ee			
	Total:	10,866	2,390
			22.00%
	Voting Age	8,129	1,648
			20.27%
ounty Ti t			
	Total:	9,257	1,826

P an om onents ith Po u ation Detai

			19.73%
	Voting Age	7,332	1,379
			18.81%
ounty orth			
	Total:	20,784	5,517
			26.54%
	Voting Age	16,444	4,108
			24.98%
District Tota			
	Total:	60,076	15,649
			26.05%
	Voting Age	46,011	11,286
			24.53%
District			
ounty Dou herty			
	Total:	42,191	26,499
			62.81%
	Voting Age	32,973	19,558
			59.32%
ounty te art			
	Total:	5,314	2,538
			47.76%
	Voting Age	4,617	2,048
			44.36%
ounty Terre			
	Total:	9,185	5,707
			62.13%
	Voting Age	7,204	4,274
			59.33%
ounty ebster			
	Total:	2,348	1,107
			47.15%
	Voting Age	1,847	844
			45.70%
District Tota			
	Total:	59,038	35,851
			60.73%
	Voting Age	46,641	26,724
			57.30%
District			
ounty a er			
	Total:	2,876	1,178
			40.96%
	Voting Age	2,275	932
			40.97%
ounty a houn			
	Total:	5,573	3,629
			65.12%
	Voting Age	4,687	2,998
			63.96%
ounty ay			
	Total:	2,848	1,634
			57.37%
	Voting Age	2,246	1,231

			54.81%
ounty Dou herty			
	Total:	22,693	18,549
			81.74%
	Voting Age	17,452	13,961
			80.00%
ounty ar y			
	Total:	10,854	5,688
			52.40%
	Voting Age	8,315	4,075
			49.01%
ounty Mi er			
	Total:	6,000	1,831
			30.52%
	Voting Age	4,749	1,358
			28.60%
ounty uitman			
	Total:	2,235	965
			43.18%
	Voting Age	1,870	765
			40.91%
ounty ando h			
	Total:	6,425	3,947
			61.43%
	Voting Age	4,977	2,913
			58.53%
District Tota			
	Total:	59,504	37,421
			62.89%
	Voting Age	46,571	28,233
			60.62%
District			
ounty ec ey			
	Total:	12,583	2,951
			23.45%
	Voting Age	9,613	2,036
			21.18%
ounty Dod e			
	Total:	19,925	6,148
			30.86%
	Voting Age	15,709	4,725
			30.08%
ounty aurens			
	Total:	27,506	6,757
			24.57%
	Voting Age	21,376	5,045
			23.60%
District Tota			
	Total:	60,014	15,856
			26.42%
	Voting Age	46,698	11,806
			25.28%
District			
ounty Mont omery			

P an om onents ith Po u ation Detai

	Total:	8,610	2,224
			25.83%
	Voting Age	6,792	1,781
			26.22%
ounty Te air			
	Total:	9,486	3,833
			40.41%
	Voting Age	7,884	3,114
			39.50%
ounty Toombs			
	Total:	27,030	7,402
			27.38%
	Voting Age	20,261	5,036
			24.86%
ounty Treut en			
	Total:	6,406	2,114
			33.00%
	Voting Age	4,934	1,514
			30.69%
ounty hee er			
	Total:	7,471	2,949
			39.47%
	Voting Age	6,217	2,561
			41.19%
District Tota			
	Total:	59,003	18,522
			31.39%
	Voting Age	46,088	14,006
			30.39%
District			
ounty in			
	Total:	18,444	3,647
			19.77%
	Voting Age	13,958	2,540
			18.20%
ounty vans			
	Total:	10,774	3,273
			30.38%
	Voting Age	8,127	2,410
			29.65%
ounty e Davis			
	Total:	14,779	2,493
			16.87%
	Voting Age	10,856	1,752
			16.14%
ounty Tattna			
	Total:	16,361	4,660
			28.48%
	Voting Age	12,848	3,739
			29.10%
District Tota			
	Total:	60,358	14,073
			23.32%
	Voting Age	45,789	10,441

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			22.80%
District			
ounty u och			
	Total:	15,521	6,076
			39.15%
	Voting Age	12,205	4,542
			37.21%
ounty and er			
	Total:	10,981	2,807
			25.56%
	Voting Age	8,241	2,009
			24.38%
ounty manue			
	Total:	22,768	7,556
			33.19%
	Voting Age	17,320	5,404
			31.20%
ounty en ins			
	Total:	8,674	3,638
			41.94%
	Voting Age	7,005	2,843
			40.59%
ounty ohnson			
	Total:	1,915	119
			6.21%
	Voting Age	1,490	82
			5.50%
District Tota			
	Total:	59,859	20,196
			33.74%
	Voting Age	46,261	14,880
			32.17%
District			
ounty u och			
	Total:	16,651	6,174
			37.08%
	Voting Age	12,544	4,283
			34.14%
ounty in ham			
	Total:	32,941	4,709
			14.30%
	Voting Age	24,283	3,308
			13.62%
ounty creven			
	Total:	10,754	3,724
			34.63%
	Voting Age	8,432	2,817
			33.41%
District Tota			
	Total:	60,346	14,607
			24.21%
	Voting Age	45,259	10,408
			23.00%
District			

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ounty ryan			
	Total:	11,008	2,045
			18.58%
	Voting Age	8,312	1,464
			17.61%
ounty u och			
	Total:	48,927	12,125
			24.78%
	Voting Age	39,745	9,395
			23.64%
District Tota			
	Total:	59,935	14,170
			23.64%
	Voting Age	48,057	10,859
			22.60%
District			
ounty hatham			
	Total:	28,269	12,024
			42.53%
	Voting Age	21,359	8,519
			39.88%
ounty in ham			
	Total:	31,828	5,326
			16.73%
	Voting Age	23,012	3,523
			15.31%
District Tota			
	Total:	60,097	17,350
			28.87%
	Voting Age	44,371	12,042
			27.14%
District			
ounty hatham			
	Total:	60,308	28,142
			46.66%
	Voting Age	46,733	20,435
			43.73%
District Tota			
	Total:	60,308	28,142
			46.66%
	Voting Age	46,733	20,435
			43.73%
District			
ounty hatham			
	Total:	60,123	29,099
			48.40%
	Voting Age	48,461	22,045
			45.49%
District Tota			
	Total:	60,123	29,099
			48.40%
	Voting Age	48,461	22,045
			45.49%
District			

ounty	**ryan**		
	Total:	21,564	4,211
			19.53%
	Voting Age	15,232	2,747
			18.03%
ounty	**hatham**		
	Total:	38,681	10,858
			28.07%
	Voting Age	30,732	8,013
			26.07%
District	**Tota**		
	Total:	60,245	15,069
			25.01%
	Voting Age	45,964	10,760
			23.41%
District			
ounty	**hatham**		
	Total:	59,978	32,897
			54.85%
	Voting Age	48,247	24,282
			50.33%
District	**Tota**		
	Total:	59,978	32,897
			54.85%
	Voting Age	48,247	24,282
			50.33%
District			
ounty	**ryan**		
	Total:	12,166	1,207
			9.92%
	Voting Age	8,284	814
			9.83%
ounty	**hatham**		
	Total:	47,932	2,438
			5.09%
	Voting Age	39,183	1,884
			4.81%
District	**Tota**		
	Total:	60,098	3,645
			6.07%
	Voting Age	47,467	2,698
			5.68%
District			
ounty	**ynn**		
	Total:	19,881	3,348
			16.84%
	Voting Age	15,287	2,404
			15.73%
ounty	**iberty**		
	Total:	11,457	4,459
			38.92%
	Voting Age	9,052	3,423
			37.81%
ounty	**on**		

	Total:	16,168	4,734
			29.28%
	Voting Age	11,234	3,107
			27.66%
ounty McIntosh			
	Total:	10,975	3,400
			30.98%
	Voting Age	9,040	2,641
			29.21%
ounty ayne			
	Total:	1,703	74
			4.35%
	Voting Age	1,358	49
			3.61%
District Tota			
	Total:	60,184	16,015
			26.61%
	Voting Age	45,971	11,624
			25.29%
District			
ounty iberty			
	Total:	53,799	26,687
			49.61%
	Voting Age	38,962	18,277
			46.91%
ounty Tattna			
	Total:	6,481	1,671
			25.78%
	Voting Age	4,806	1,147
			23.87%
District Tota			
	Total:	60,280	28,358
			47.04%
	Voting Age	43,768	19,424
			44.38%
District			
ounty o ee			
	Total:	33,736	11,051
			32.76%
	Voting Age	25,541	8,086
			31.66%
ounty Ir in			
	Total:	9,666	2,333
			24.14%
	Voting Age	7,547	1,720
			22.79%
ounty Ti t			
	Total:	7,591	576
			7.59%
	Voting Age	5,888	433
			7.35%
ounty Turner			
	Total:	9,006	3,813
			42.34%

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	Voting Age	6,960	2,752
			39.54%
District Tota			
	Total:	59,999	17,773
			29.62%
	Voting Age	45,936	12,991
			28.28%
District			
ounty errien			
	Total:	18,160	2,198
			12.10%
	Voting Age	13,690	1,499
			10.95%
ounty oo			
	Total:	17,229	5,014
			29.10%
	Voting Age	12,938	3,595
			27.79%
ounty Ti t			
	Total:	24,496	10,332
			42.18%
	Voting Age	18,004	7,151
			39.72%
District Tota			
	Total:	59,885	17,544
			29.30%
	Voting Age	44,632	12,245
			27.44%
District			
ounty Dou herty			
	Total:	20,906	16,409
			78.49%
	Voting Age	15,841	12,112
			76.46%
ounty Mitche			
	Total:	21,755	10,394
			47.78%
	Voting Age	17,065	7,917
			46.39%
ounty Thomas			
	Total:	17,670	9,388
			53.13%
	Voting Age	13,215	6,749
			51.07%
District Tota			
	Total:	60,331	36,191
			59.99%
	Voting Age	46,121	26,778
			58.06%
District			
ounty o uitt			
	Total:	26,729	4,732
			17.70%
	Voting Age	20,087	3,310

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APA_Cooper_Hse_illustrative12_05

			16.48%
ounty rady			
	Total:	4,715	1,006
			21.34%
	Voting Age	3,591	750
			20.89%
ounty Thomas			
	Total:	28,128	7,587
			26.97%
	Voting Age	21,822	5,583
			25.58%
District Tota			
	Total:	59,572	13,325
			22.37%
	Voting Age	45,500	9,643
			21.19%
District			
ounty Decatur			
	Total:	29,367	12,583
			42.85%
	Voting Age	22,443	9,189
			40.94%
ounty rady			
	Total:	21,521	6,687
			31.07%
	Voting Age	16,371	4,928
			30.10%
ounty emino e			
	Total:	9,147	3,093
			33.81%
	Voting Age	7,277	2,275
			31.26%
District Tota			
	Total:	60,035	22,363
			37.25%
	Voting Age	46,091	16,392
			35.56%
District			
ounty rant ey			
	Total:	18,021	733
			4.07%
	Voting Age	13,692	470
			3.43%
ounty har ton			
	Total:	12,518	2,798
			22.35%
	Voting Age	10,135	2,147
			21.18%
ounty inch			
	Total:	6,749	2,096
			31.06%
	Voting Age	5,034	1,406
			27.93%
ounty cho s			

	Total:	3,697	193
			5.22%
	Voting Age	2,709	121
			4.47%
ounty o ndes			
	Total:	9,770	1,486
			15.21%
	Voting Age	7,472	1,086
			14.53%
ounty are			
	Total:	9,097	3,954
			43.46%
	Voting Age	6,718	2,720
			40.49%
District Tota			
	Total:	59,852	11,260
			18.81%
	Voting Age	45,760	7,950
			17.37%
District			
ounty roo s			
	Total:	16,301	5,958
			36.55%
	Voting Age	12,747	4,357
			34.18%
ounty o ndes			
	Total:	43,692	9,375
			21.46%
	Voting Age	31,957	6,448
			20.18%
District Tota			
	Total:	59,993	15,333
			25.56%
	Voting Age	44,704	10,805
			24.17%
District			
ounty t inson			
	Total:	8,286	1,284
			15.50%
	Voting Age	6,129	937
			15.29%
ounty o ee			
	Total:	9,356	1,524
			16.29%
	Voting Age	6,878	1,105
			16.07%
ounty anier			
	Total:	9,877	2,369
			23.99%
	Voting Age	7,326	1,683
			22.97%
ounty o ndes			
	Total:	4,797	1,387
			28.91%

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APA_Cooper_Hse_illustrative12_05

	Voting Age	3,588	975
			27.17%
ounty are			
	Total:	27,154	7,467
			27.50%
	Voting Age	21,070	5,506
			26.13%
District Tota			
	Total:	59,470	14,031
			23.59%
	Voting Age	44,991	10,206
			22.68%
District			
ounty o ndes			
	Total:	59,992	34,510
			57.52%
	Voting Age	46,014	24,793
			53.88%
District Tota			
	Total:	59,992	34,510
			57.52%
	Voting Age	46,014	24,793
			53.88%
District			
ounty acon			
	Total:	11,140	1,970
			17.68%
	Voting Age	8,310	1,245
			14.98%
ounty Pierce			
	Total:	19,716	1,801
			9.13%
	Voting Age	14,899	1,262
			8.47%
ounty ayne			
	Total:	28,441	6,316
			22.21%
	Voting Age	21,747	4,613
			21.21%
District Tota			
	Total:	59,297	10,087
			17.01%
	Voting Age	44,956	7,120
			15.84%
District			
ounty ynn			
	Total:	59,974	18,101
			30.18%
	Voting Age	47,627	12,783
			26.84%
District Tota			
	Total:	59,974	18,101
			30.18%
	Voting Age	47,627	12,783

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APA_Cooper_Hse_illustrative12_05

			26.84%
District			
ounty amden			
	Total:	54,768	11,072
			20.22%
	Voting Age	41,808	7,828
			18.72%
ounty ynn			
	Total:	4,644	649
			13.98%
	Voting Age	3,554	433
			12.18%
District Tota			
	Total:	59,412	11,721
			19.73%
	Voting Age	45,362	8,261
			18.21%

EXHIBIT 14

User:
Plan Name: **APA_Cooper_Hse_illustrative12_05**
Plan Type:

Core Constituencies

Core Constituencies

APA_Cooper_Hse_illustrative12_05

From Plan: **GA_Cooper_House_illustrative2**

Plan: APA_Cooper_Hse_illustrative12_05, District 001 -- **59,666 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 001	56,061 (93.96%)	2,829 (93.24%)	44,067 (94.16%)	1,821 (92.62%)
Dist. 002	3,605 (6.04%)	205 (6.76%)	2,734 (5.84%)	145 (7.38%)
Total and % Population		3,034 (5.08%)	46,801 (78.44%)	1,966 (3.30%)

Plan: APA_Cooper_Hse_illustrative12_05, District 002 -- **59,405 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 001	3,376 (5.68%)	73 (3.45%)	2,635 (5.70%)	51 (3.47%)
Dist. 002	40,941 (68.92%)	1,329 (62.84%)	31,768 (68.77%)	941 (64.10%)
Dist. 004	5,382 (9.06%)	107 (5.06%)	4,051 (8.77%)	64 (4.36%)
Dist. 005	1,448 (2.44%)	28 (1.32%)	1,189 (2.57%)	19 (1.29%)
Dist. 006	4,864 (8.19%)	433 (20.47%)	3,847 (8.33%)	283 (19.28%)
Dist. 012	3,394 (5.71%)	145 (6.86%)	2,702 (5.85%)	110 (7.49%)
Total and % Population		2,115 (3.56%)	46,192 (77.76%)	1,468 (2.47%)

Plan: APA_Cooper_Hse_illustrative12_05, District 003 -- **60,199 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 003	60,199 (100.00%)	2,463 (100.00%)	46,716 (100.00%)	1,565 (100.00%)
Total and % Population		2,463 (4.09%)	46,716 (77.60%)	1,565 (2.60%)

Plan: APA_Cooper_Hse_illustrative12_05, District 004 -- **60,125 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 002	7,389 (12.29%)	300 (8.86%)	5,581 (12.81%)	199 (8.60%)
Dist. 004	38,912 (64.72%)	2,470 (72.95%)	27,956 (64.19%)	1,765 (76.24%)
Dist. 006	13,824 (22.99%)	616 (18.19%)	10,015 (23.00%)	351 (15.16%)
Total and % Population		3,386 (5.63%)	43,552 (72.44%)	2,315 (3.85%)

Plan: APA_Cooper_Hse_illustrative12_05, District 005 -- **58,961 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 004	1,417 (2.40%)	28 (0.95%)	1,077 (2.42%)	10 (0.51%)
Dist. 005	57,544 (97.60%)	2,919 (99.05%)	43,500 (97.58%)	1,939 (99.49%)
Total and % Population		2,947 (5.00%)	44,577 (75.60%)	1,949 (3.31%)

Core Constituencies

Plan: APA_Cooper_Hse_illustrative12_05, District 006 -- **58,644 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 002	712 (1.21%)	17 (1.47%)	553 (1.25%)	10 (1.33%)
Dist. 004	14,004 (23.88%)	450 (38.93%)	10,362 (23.41%)	325 (43.16%)
Dist. 006	40,483 (69.03%)	654 (56.57%)	30,652 (69.26%)	401 (53.25%)
Dist. 007	3,445 (5.87%)	35 (3.03%)	2,687 (6.07%)	17 (2.26%)
Total and % Population		1,156 (1.97%)	44,254 (75.46%)	753 (1.28%)

Plan: APA_Cooper_Hse_illustrative12_05, District 007 -- **58,807 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 007	25,319 (43.05%)	199 (22.51%)	21,188 (43.35%)	133 (20.78%)
Dist. 009	33,488 (56.95%)	685 (77.49%)	27,689 (56.65%)	507 (79.22%)
Total and % Population		884 (1.50%)	48,877 (83.11%)	640 (1.09%)

Plan: APA_Cooper_Hse_illustrative12_05, District 008 -- **58,972 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 008	54,008 (91.58%)	606 (86.08%)	45,498 (91.58%)	413 (85.68%)
Dist. 028	4,964 (8.42%)	98 (13.92%)	4,184 (8.42%)	69 (14.32%)
Total and % Population		704 (1.19%)	49,682 (84.25%)	482 (0.82%)

Plan: APA_Cooper_Hse_illustrative12_05, District 009 -- **59,260 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 007	31,353 (52.91%)	296 (41.57%)	25,417 (53.21%)	161 (38.06%)
Dist. 009	26,798 (45.22%)	392 (55.06%)	21,441 (44.89%)	249 (58.87%)
Dist. 027	1,109 (1.87%)	24 (3.37%)	909 (1.90%)	13 (3.07%)
Total and % Population		712 (1.20%)	47,767 (80.61%)	423 (0.71%)

Plan: APA_Cooper_Hse_illustrative12_05, District 010 -- **59,732 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 008	5,357 (8.97%)	108 (4.59%)	4,552 (9.66%)	77 (4.31%)
Dist. 010	41,916 (70.17%)	1,833 (77.90%)	33,385 (70.85%)	1,454 (81.32%)
Dist. 028	12,459 (20.86%)	412 (17.51%)	9,182 (19.49%)	257 (14.37%)
Total and % Population		2,353 (3.94%)	47,119 (78.88%)	1,788 (2.99%)

Plan: APA_Cooper_Hse_illustrative12_05, District 011 -- **59,186 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 011	47,384 (80.06%)	1,586 (66.78%)	37,951 (81.02%)	1,049 (65.93%)
Dist. 023	4,027 (6.80%)	600 (25.26%)	2,987 (6.38%)	426 (26.78%)
Dist. 169	7,775 (13.14%)	189 (7.96%)	5,904 (12.60%)	116 (7.29%)
Total and % Population		2,375 (4.01%)	46,842 (79.14%)	1,591 (2.69%)

Plan: APA_Cooper_Hse_illustrative12_05, District 012 -- **58,838 Total Population**

Core Constituencies

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 002	7,303 (12.41%)	251 (3.53%)	5,467 (11.91%)	133 (2.54%)
Dist. 012	25,329 (43.05%)	3,064 (43.06%)	19,945 (43.45%)	2,411 (46.01%)
Dist. 013	26,206 (44.54%)	3,801 (53.41%)	20,488 (44.64%)	2,696 (51.45%)
Total and % Population		7,116 (12.09%)	45,900 (78.01%)	5,240 (8.91%)

Plan: APA_Cooper_Hse_illustrative12_05, District 013 -- **59,869 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 012	30,153 (50.36%)	4,746 (42.44%)	23,242 (50.61%)	3,248 (40.96%)
Dist. 013	29,716 (49.64%)	6,436 (57.56%)	22,678 (49.39%)	4,682 (59.04%)
Total and % Population		11,182 (18.68%)	45,920 (76.70%)	7,930 (13.25%)

Plan: APA_Cooper_Hse_illustrative12_05, District 014 -- **59,369 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 011	9,447 (15.91%)	295 (6.78%)	7,732 (16.92%)	240 (7.68%)
Dist. 014	21,459 (36.15%)	1,642 (37.73%)	16,424 (35.93%)	1,146 (36.68%)
Dist. 015	28,463 (47.94%)	2,415 (55.49%)	21,554 (47.15%)	1,738 (55.63%)
Total and % Population		4,352 (7.33%)	45,710 (76.99%)	3,124 (5.26%)

Plan: APA_Cooper_Hse_illustrative12_05, District 015 -- **58,979 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 014	23,694 (40.17%)	3,915 (41.93%)	18,009 (39.50%)	2,764 (42.57%)
Dist. 015	30,488 (51.69%)	5,199 (55.68%)	23,724 (52.04%)	3,559 (54.81%)
Dist. 036	4,797 (8.13%)	224 (2.40%)	3,859 (8.46%)	170 (2.62%)
Total and % Population		9,338 (15.83%)	45,592 (77.30%)	6,493 (11.01%)

Plan: APA_Cooper_Hse_illustrative12_05, District 016 -- **59,713 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 013	4,243 (7.11%)	339 (4.35%)	3,280 (7.36%)	229 (4.29%)
Dist. 014	14,698 (24.61%)	2,559 (32.86%)	11,188 (25.09%)	1,730 (32.41%)
Dist. 016	23,912 (40.04%)	2,918 (37.47%)	17,770 (39.85%)	2,032 (38.07%)
Dist. 017	8,408 (14.08%)	644 (8.27%)	6,164 (13.82%)	425 (7.96%)
Dist. 019	8,452 (14.15%)	1,328 (17.05%)	6,192 (13.89%)	922 (17.27%)
Total and % Population		7,788 (13.04%)	44,594 (74.68%)	5,338 (8.94%)

Plan: APA_Cooper_Hse_illustrative12_05, District 017 -- **58,677 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 019	38,414 (65.47%)	9,744 (52.65%)	28,657 (65.50%)	6,537 (51.82%)
Dist. 150	20,263 (34.53%)	8,763 (47.35%)	15,093 (34.50%)	6,078 (48.18%)
Total and % Population		18,507 (31.54%)	43,750 (74.56%)	12,615 (21.50%)

Plan: APA_Cooper_Hse_illustrative12_05, District 018 -- **58,881 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 016	35,172 (59.73%)	1,843 (38.42%)	26,881 (59.89%)	1,296 (38.41%)

Core Constituencies

Dist. 018	9,509 (16.15%)	1,325 (27.62%)	7,292 (16.25%)	936 (27.74%)
Dist. 019	9,748 (16.56%)	1,023 (21.33%)	7,272 (16.20%)	691 (20.48%)
Dist. 068	2,000 (3.40%)	385 (8.03%)	1,510 (3.36%)	277 (8.21%)
Dist. 069	2,452 (4.16%)	221 (4.61%)	1,932 (4.30%)	174 (5.16%)
Total and % Population		4,797 (8.15%)	44,887 (76.23%)	3,374 (5.73%)

Plan: APA_Cooper_Hse_illustrative12_05, District 019 -- 59,050 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 017	42,331 (71.69%)	8,421 (71.74%)	29,848 (70.08%)	5,526 (70.69%)
Dist. 019	1,111 (1.88%)	196 (1.67%)	876 (2.06%)	136 (1.74%)
Dist. 150	15,608 (26.43%)	3,121 (26.59%)	11,868 (27.86%)	2,155 (27.57%)
Total and % Population		11,738 (19.88%)	42,592 (72.13%)	7,817 (13.24%)

Plan: APA_Cooper_Hse_illustrative12_05, District 020 -- 60,107 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 020	36,322 (60.43%)	3,837 (64.24%)	28,256 (61.80%)	2,771 (65.51%)
Dist. 021	14,022 (23.33%)	1,622 (27.16%)	10,077 (22.04%)	1,097 (25.93%)
Dist. 023	9,763 (16.24%)	514 (8.61%)	7,392 (16.17%)	362 (8.56%)
Total and % Population		5,973 (9.94%)	45,725 (76.07%)	4,230 (7.04%)

Plan: APA_Cooper_Hse_illustrative12_05, District 021 -- 58,907 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 021	29,681 (50.39%)	1,925 (55.59%)	22,600 (50.83%)	1,367 (57.61%)
Dist. 169	29,226 (49.61%)	1,538 (44.41%)	21,859 (49.17%)	1,006 (42.39%)
Total and % Population		3,463 (5.88%)	44,459 (75.47%)	2,373 (4.03%)

Plan: APA_Cooper_Hse_illustrative12_05, District 022 -- 59,460 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 011	1,257 (2.11%)	15 (0.15%)	1,022 (2.23%)	9 (0.13%)
Dist. 020	1,222 (2.06%)	131 (1.32%)	968 (2.11%)	92 (1.33%)
Dist. 023	28,395 (47.75%)	3,342 (33.79%)	21,475 (46.87%)	2,240 (32.38%)
Dist. 035	18,430 (31.00%)	4,544 (45.95%)	14,324 (31.26%)	3,268 (47.24%)
Dist. 044	10,156 (17.08%)	1,858 (18.79%)	8,026 (17.52%)	1,309 (18.92%)
Total and % Population		9,890 (16.63%)	45,815 (77.05%)	6,918 (11.63%)

Plan: APA_Cooper_Hse_illustrative12_05, District 023 -- 59,771 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 011	1,690 (2.83%)	110 (3.55%)	1,274 (2.91%)	62 (3.11%)
Dist. 021	1,522 (2.55%)	71 (2.29%)	1,074 (2.45%)	38 (1.91%)
Dist. 023	18,012 (30.14%)	1,403 (45.27%)	12,784 (29.20%)	892 (44.76%)
Dist. 024	19,444 (32.53%)	702 (22.65%)	14,052 (32.10%)	421 (21.12%)
Dist. 169	19,103 (31.96%)	813 (26.23%)	14,594 (33.34%)	580 (29.10%)
Total and % Population		3,099 (5.18%)	43,778 (73.24%)	1,993 (3.33%)

Plan: APA_Cooper_Hse_illustrative12_05, District 024 -- 59,554 Total Population

Core Constituencies

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 025	13,394 (22.49%)	1,788 (40.13%)	9,707 (23.05%)	1,292 (42.75%)
Dist. 026	46,160 (77.51%)	2,668 (59.87%)	32,400 (76.95%)	1,730 (57.25%)
Total and % Population		4,456 (7.48%)	42,107 (70.70%)	3,022 (5.07%)

Plan: APA_Cooper_Hse_illustrative12_05, District 025 -- **59,414 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 025	33,850 (56.97%)	1,547 (42.90%)	24,015 (56.48%)	1,044 (41.64%)
Dist. 047	13,280 (22.35%)	1,406 (38.99%)	9,828 (23.11%)	1,025 (40.89%)
Dist. 097	12,284 (20.68%)	653 (18.11%)	8,677 (20.41%)	438 (17.47%)
Total and % Population		3,606 (6.07%)	42,520 (71.57%)	2,507 (4.22%)

Plan: APA_Cooper_Hse_illustrative12_05, District 026 -- **59,002 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 024	335 (0.57%)	7 (0.27%)	277 (0.63%)	5 (0.29%)
Dist. 026	12,687 (21.50%)	766 (29.70%)	9,065 (20.66%)	502 (29.14%)
Dist. 137	45,980 (77.93%)	1,806 (70.03%)	34,532 (78.71%)	1,216 (70.57%)
Total and % Population		2,579 (4.37%)	43,874 (74.36%)	1,723 (2.92%)

Plan: APA_Cooper_Hse_illustrative12_05, District 027 -- **58,710 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 010	8,733 (14.87%)	138 (4.09%)	6,717 (14.93%)	80 (3.40%)
Dist. 027	38,133 (64.95%)	2,038 (60.44%)	30,174 (67.09%)	1,403 (59.68%)
Dist. 029	9,419 (16.04%)	1,035 (30.69%)	6,441 (14.32%)	773 (32.88%)
Dist. 030	2,425 (4.13%)	161 (4.77%)	1,646 (3.66%)	95 (4.04%)
Total and % Population		3,372 (5.74%)	44,978 (76.61%)	2,351 (4.00%)

Plan: APA_Cooper_Hse_illustrative12_05, District 028 -- **59,012 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 024	40,359 (68.39%)	1,868 (69.83%)	29,365 (66.83%)	1,194 (68.90%)
Dist. 027	9,003 (15.26%)	255 (9.53%)	7,253 (16.51%)	174 (10.04%)
Dist. 137	9,650 (16.35%)	552 (20.64%)	7,324 (16.67%)	365 (21.06%)
Total and % Population		2,675 (4.53%)	43,942 (74.46%)	1,733 (2.94%)

Plan: APA_Cooper_Hse_illustrative12_05, District 029 -- **59,015 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 027	11,581 (19.62%)	1,005 (12.45%)	9,204 (21.34%)	693 (11.99%)
Dist. 029	43,925 (74.43%)	6,880 (85.21%)	31,082 (72.06%)	4,947 (85.62%)
Dist. 030	3,509 (5.95%)	189 (2.34%)	2,847 (6.60%)	138 (2.39%)
Total and % Population		8,074 (13.68%)	43,133 (73.09%)	5,778 (9.79%)

Plan: APA_Cooper_Hse_illustrative12_05, District 030 -- **59,266 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 029	3,777 (6.37%)	397 (7.66%)	2,793 (6.15%)	314 (8.54%)

Core Constituencies

Dist. 030	46,869 (79.08%)	3,260 (62.86%)	36,320 (79.98%)	2,366 (64.33%)
Dist. 103	8,620 (14.54%)	1,529 (29.48%)	6,301 (13.87%)	998 (27.13%)
Total and % Population		5,186 (8.75%)	45,414 (76.63%)	3,678 (6.21%)

Plan: APA_Cooper_Hse_illustrative12_05, District 031 -- **59,753 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 029	1,826 (3.06%)	68 (1.40%)	1,398 (3.19%)	53 (1.59%)
Dist. 030	2,505 (4.19%)	208 (4.29%)	1,702 (3.89%)	146 (4.39%)
Dist. 031	54,471 (91.16%)	4,472 (92.34%)	39,979 (91.34%)	3,071 (92.36%)
Dist. 119	951 (1.59%)	95 (1.96%)	690 (1.58%)	55 (1.65%)
Total and % Population		4,843 (8.11%)	43,769 (73.25%)	3,325 (5.56%)

Plan: APA_Cooper_Hse_illustrative12_05, District 032 -- **59,466 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 010	8,437 (14.19%)	405 (8.31%)	6,536 (14.14%)	274 (8.18%)
Dist. 028	41,637 (70.02%)	3,680 (75.55%)	32,290 (69.86%)	2,518 (75.21%)
Dist. 032	9,392 (15.79%)	786 (16.14%)	7,394 (16.00%)	556 (16.61%)
Total and % Population		4,871 (8.19%)	46,220 (77.73%)	3,348 (5.63%)

Plan: APA_Cooper_Hse_illustrative12_05, District 033 -- **59,187 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 032	50,149 (84.73%)	6,963 (95.10%)	39,414 (84.76%)	4,978 (95.60%)
Dist. 033	9,038 (15.27%)	359 (4.90%)	7,084 (15.24%)	229 (4.40%)
Total and % Population		7,322 (12.37%)	46,498 (78.56%)	5,207 (8.80%)

Plan: APA_Cooper_Hse_illustrative12_05, District 034 -- **59,875 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 034	15,920 (26.59%)	2,160 (21.38%)	12,290 (26.86%)	1,492 (20.81%)
Dist. 036	33,750 (56.37%)	5,320 (52.66%)	25,775 (56.33%)	3,772 (52.62%)
Dist. 037	10,205 (17.04%)	2,622 (25.96%)	7,693 (16.81%)	1,905 (26.57%)
Total and % Population		10,102 (16.87%)	45,758 (76.42%)	7,169 (11.97%)

Plan: APA_Cooper_Hse_illustrative12_05, District 035 -- **60,031 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 034	15,200 (25.32%)	4,706 (25.82%)	12,484 (25.77%)	3,543 (25.80%)
Dist. 035	32,769 (54.59%)	9,482 (52.02%)	25,145 (51.91%)	6,686 (48.68%)
Dist. 044	12,062 (20.09%)	4,038 (22.16%)	10,807 (22.31%)	3,506 (25.53%)
Total and % Population		18,226 (30.36%)	48,436 (80.68%)	13,735 (22.88%)

Plan: APA_Cooper_Hse_illustrative12_05, District 036 -- **59,852 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 017	8,063 (13.47%)	1,041 (9.43%)	5,810 (12.97%)	705 (9.26%)
Dist. 034	22,855 (38.19%)	5,681 (51.46%)	17,237 (38.49%)	3,916 (51.44%)
Dist. 035	8,233 (13.76%)	1,888 (17.10%)	6,463 (14.43%)	1,333 (17.51%)
Dist. 036	20,201 (33.75%)	2,197 (19.90%)	14,892 (33.25%)	1,483 (19.48%)

Core Constituencies

Dist. 037	500 (0.84%)	232 (2.10%)	385 (0.86%)	176 (2.31%)
Total and % Population		11,039 (18.44%)	44,787 (74.83%)	7,613 (12.72%)

Plan: APA_Cooper_Hse_illustrative12_05, District 037 -- 59,176 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 034	4,831 (8.16%)	1,070 (6.23%)	3,788 (8.20%)	788 (6.05%)
Dist. 037	40,286 (68.08%)	13,163 (76.66%)	31,391 (67.91%)	9,998 (76.75%)
Dist. 042	5,303 (8.96%)	1,192 (6.94%)	4,184 (9.05%)	929 (7.13%)
Dist. 043	1,532 (2.59%)	218 (1.27%)	1,074 (2.32%)	152 (1.17%)
Dist. 044	7,224 (12.21%)	1,528 (8.90%)	5,786 (12.52%)	1,160 (8.90%)
Total and % Population		17,171 (29.02%)	46,223 (78.11%)	13,027 (22.01%)

Plan: APA_Cooper_Hse_illustrative12_05, District 038 -- 59,317 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 038	39,851 (67.18%)	22,799 (67.53%)	30,203 (67.36%)	16,468 (67.72%)
Dist. 039	19,466 (32.82%)	10,961 (32.47%)	14,636 (32.64%)	7,850 (32.28%)
Total and % Population		33,760 (56.91%)	44,839 (75.59%)	24,318 (41.00%)

Plan: APA_Cooper_Hse_illustrative12_05, District 039 -- 59,381 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 039	39,743 (66.93%)	20,019 (60.63%)	30,437 (68.50%)	15,239 (62.03%)
Dist. 040	17,077 (28.76%)	11,695 (35.42%)	11,963 (26.92%)	8,339 (33.94%)
Dist. 041	2,561 (4.31%)	1,302 (3.94%)	2,036 (4.58%)	991 (4.03%)
Total and % Population		33,016 (55.60%)	44,436 (74.83%)	24,569 (41.38%)

Plan: APA_Cooper_Hse_illustrative12_05, District 040 -- 59,044 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 039	8 (0.01%)	3 (0.01%)	5 (0.01%)	1 (0.01%)
Dist. 040	13,751 (23.29%)	5,739 (28.44%)	11,384 (23.73%)	4,594 (29.04%)
Dist. 041	13,432 (22.75%)	4,612 (22.86%)	9,981 (20.80%)	3,348 (21.16%)
Dist. 042	14,024 (23.75%)	4,431 (21.96%)	12,354 (25.75%)	3,746 (23.68%)
Dist. 053	17,829 (30.20%)	5,394 (26.73%)	14,252 (29.71%)	4,132 (26.12%)
Total and % Population		20,179 (34.18%)	47,976 (81.25%)	15,821 (26.80%)

Plan: APA_Cooper_Hse_illustrative12_05, District 041 -- 60,122 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 037	5,381 (8.95%)	2,421 (10.15%)	4,281 (9.46%)	1,939 (10.88%)
Dist. 038	18,777 (31.23%)	8,671 (36.36%)	14,484 (31.99%)	6,546 (36.74%)
Dist. 041	31,927 (53.10%)	12,075 (50.64%)	23,654 (52.25%)	8,831 (49.57%)
Dist. 042	4,037 (6.71%)	679 (2.85%)	2,852 (6.30%)	500 (2.81%)
Total and % Population		23,846 (39.66%)	45,271 (75.30%)	17,816 (29.63%)

Plan: APA_Cooper_Hse_illustrative12_05, District 042 -- 59,620 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 041	10,830 (18.17%)	3,287 (15.86%)	8,184 (16.87%)	2,357 (14.41%)

Core Constituencies

Dist. 042	22,195 (37.23%)	7,999 (38.59%)	18,663 (38.46%)	6,459 (39.50%)
Dist. 053	26,595 (44.61%)	9,440 (45.55%)	21,678 (44.67%)	7,537 (46.09%)
Total and % Population		20,726 (34.76%)	48,525 (81.39%)	16,353 (27.43%)

Plan: APA_Cooper_Hse_illustrative12_05, District 043 -- 59,464 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 037	2,387 (4.01%)	437 (2.67%)	1,907 (4.05%)	348 (2.79%)
Dist. 042	13,933 (23.43%)	5,190 (31.75%)	11,114 (23.63%)	4,083 (32.73%)
Dist. 043	43,144 (72.55%)	10,719 (65.58%)	34,012 (72.32%)	8,045 (64.48%)
Total and % Population		16,346 (27.49%)	47,033 (79.09%)	12,476 (20.98%)

Plan: APA_Cooper_Hse_illustrative12_05, District 044 -- 60,002 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 020	21,989 (36.65%)	2,616 (32.74%)	17,142 (36.65%)	1,838 (32.62%)
Dist. 044	29,374 (48.96%)	4,364 (54.62%)	23,070 (49.32%)	3,084 (54.73%)
Dist. 046	8,639 (14.40%)	1,010 (12.64%)	6,561 (14.03%)	713 (12.65%)
Total and % Population		7,990 (13.32%)	46,773 (77.95%)	5,635 (9.39%)

Plan: APA_Cooper_Hse_illustrative12_05, District 045 -- 59,738 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 043	14,219 (23.80%)	855 (25.89%)	10,532 (23.92%)	593 (25.52%)
Dist. 045	38,002 (63.61%)	2,041 (61.79%)	27,929 (63.44%)	1,447 (62.26%)
Dist. 046	7,517 (12.58%)	407 (12.32%)	5,562 (12.63%)	284 (12.22%)
Total and % Population		3,303 (5.53%)	44,023 (73.69%)	2,324 (3.89%)

Plan: APA_Cooper_Hse_illustrative12_05, District 046 -- 59,108 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 020	133 (0.23%)	1 (0.02%)	113 (0.26%)	(0.00%)
Dist. 021	15,045 (25.45%)	1,450 (28.56%)	11,459 (25.97%)	1,014 (28.48%)
Dist. 046	43,930 (74.32%)	3,626 (71.42%)	32,560 (73.78%)	2,546 (71.52%)
Total and % Population		5,077 (8.59%)	44,132 (74.66%)	3,560 (6.02%)

Plan: APA_Cooper_Hse_illustrative12_05, District 047 -- 59,056 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 022	35,944 (60.86%)	3,193 (48.49%)	25,920 (59.05%)	2,255 (47.90%)
Dist. 047	19,291 (32.67%)	3,251 (49.37%)	14,909 (33.97%)	2,357 (50.06%)
Dist. 169	3,821 (6.47%)	141 (2.14%)	3,064 (6.98%)	96 (2.04%)
Total and % Population		6,585 (11.15%)	43,893 (74.32%)	4,708 (7.97%)

Plan: APA_Cooper_Hse_illustrative12_05, District 048 -- 59,003 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 048	18,108 (30.69%)	3,035 (42.06%)	13,865 (30.96%)	2,299 (43.55%)
Dist. 049	15,975 (27.07%)	1,590 (22.03%)	11,930 (26.64%)	1,109 (21.01%)
Dist. 051	9,893 (16.77%)	964 (13.36%)	7,590 (16.95%)	702 (13.30%)
Dist. 095	15,027 (25.47%)	1,627 (22.55%)	11,394 (25.44%)	1,169 (22.14%)

Core Constituencies

Total and % Population		7,216 (12.23%)	44,779 (75.89%)	5,279 (8.95%)

Plan: APA_Cooper_Hse_illustrative12_05, District 049 -- **59,153 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 022	23,019 (38.91%)	1,368 (26.14%)	16,911 (37.36%)	954 (25.02%)
Dist. 047	4,272 (7.22%)	390 (7.45%)	3,630 (8.02%)	286 (7.50%)
Dist. 048	13,204 (22.32%)	1,081 (20.65%)	10,377 (22.93%)	821 (21.53%)
Dist. 049	18,658 (31.54%)	2,395 (45.76%)	14,345 (31.69%)	1,752 (45.95%)
Total and % Population		5,234 (8.85%)	45,263 (76.52%)	3,813 (6.45%)

Plan: APA_Cooper_Hse_illustrative12_05, District 050 -- **59,523 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 047	22,822 (38.34%)	3,103 (39.97%)	16,690 (37.98%)	2,150 (39.45%)
Dist. 049	24,138 (40.55%)	3,432 (44.21%)	17,846 (40.61%)	2,429 (44.57%)
Dist. 050	12,563 (21.11%)	1,228 (15.82%)	9,404 (21.40%)	871 (15.98%)
Total and % Population		7,763 (13.04%)	43,940 (73.82%)	5,450 (9.16%)

Plan: APA_Cooper_Hse_illustrative12_05, District 051 -- **58,952 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 048	8,618 (14.62%)	1,940 (13.14%)	6,598 (13.96%)	1,437 (12.84%)
Dist. 051	50,334 (85.38%)	12,826 (86.86%)	40,664 (86.04%)	9,756 (87.16%)
Total and % Population		14,766 (25.05%)	47,262 (80.17%)	11,193 (18.99%)

Plan: APA_Cooper_Hse_illustrative12_05, District 052 -- **59,811 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 045	1,942 (3.25%)	546 (5.77%)	1,615 (3.33%)	445 (5.74%)
Dist. 052	29,569 (49.44%)	5,100 (53.91%)	24,919 (51.35%)	4,239 (54.64%)
Dist. 079	16,749 (28.00%)	2,611 (27.60%)	13,087 (26.97%)	2,149 (27.70%)
Dist. 080	11,551 (19.31%)	1,204 (12.73%)	8,904 (18.35%)	925 (11.92%)
Total and % Population		9,461 (15.82%)	48,525 (81.13%)	7,758 (12.97%)

Plan: APA_Cooper_Hse_illustrative12_05, District 053 -- **59,953 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 045	18,768 (31.30%)	4,689 (53.99%)	15,314 (32.62%)	3,833 (56.21%)
Dist. 048	19,957 (33.29%)	2,739 (31.54%)	15,478 (32.97%)	2,012 (29.51%)
Dist. 052	7,983 (13.32%)	585 (6.74%)	6,223 (13.26%)	437 (6.41%)
Dist. 053	7,592 (12.66%)	377 (4.34%)	5,693 (12.13%)	290 (4.25%)
Dist. 054	3,571 (5.96%)	229 (2.64%)	2,847 (6.06%)	207 (3.04%)
Dist. 055	2,082 (3.47%)	66 (0.76%)	1,389 (2.96%)	40 (0.59%)
Total and % Population		8,685 (14.49%)	46,944 (78.30%)	6,819 (11.37%)

Plan: APA_Cooper_Hse_illustrative12_05, District 054 -- **60,083 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 052	22,713 (37.80%)	3,245 (35.86%)	18,013 (35.78%)	2,750 (35.31%)
Dist. 054	37,370 (62.20%)	5,803 (64.14%)	32,325 (64.22%)	5,039 (64.69%)

Total and % Population		9,048 (15.06%)	50,338 (83.78%)	7,789 (12.96%)

Plan: APA_Cooper_Hse_illustrative12_05, District 055 -- 59,971 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 040	6,229 (10.39%)	5,735 (16.68%)	4,070 (8.26%)	3,717 (13.63%)
Dist. 054	6,989 (11.65%)	1,251 (3.64%)	6,205 (12.60%)	1,131 (4.15%)
Dist. 055	37,894 (63.19%)	21,587 (62.80%)	31,139 (63.22%)	17,405 (63.80%)
Dist. 056	8,859 (14.77%)	5,801 (16.88%)	7,841 (15.92%)	5,026 (18.42%)
Total and % Population		34,374 (57.32%)	49,255 (82.13%)	27,279 (45.49%)

Plan: APA_Cooper_Hse_illustrative12_05, District 056 -- 58,929 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 056	42,917 (72.83%)	22,973 (79.17%)	38,152 (72.32%)	19,006 (79.21%)
Dist. 058	11,066 (18.78%)	1,749 (6.03%)	10,583 (20.06%)	1,557 (6.49%)
Dist. 060	4,946 (8.39%)	4,294 (14.80%)	4,022 (7.62%)	3,430 (14.30%)
Total and % Population		29,016 (49.24%)	52,757 (89.53%)	23,993 (40.72%)

Plan: APA_Cooper_Hse_illustrative12_05, District 057 -- 59,969 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 054	11,300 (18.84%)	2,205 (20.62%)	9,829 (18.87%)	1,990 (21.15%)
Dist. 058	48,669 (81.16%)	8,486 (79.38%)	42,268 (81.13%)	7,421 (78.85%)
Total and % Population		10,691 (17.83%)	52,097 (86.87%)	9,411 (15.69%)

Plan: APA_Cooper_Hse_illustrative12_05, District 058 -- 59,057 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 055	7,373 (12.48%)	7,007 (17.95%)	5,585 (11.06%)	5,314 (16.69%)
Dist. 056	7,644 (12.94%)	4,549 (11.65%)	6,811 (13.48%)	3,825 (12.01%)
Dist. 057	16,534 (28.00%)	12,104 (31.01%)	14,909 (29.51%)	10,735 (33.71%)
Dist. 059	22,085 (37.40%)	10,198 (26.12%)	19,090 (37.79%)	8,066 (25.33%)
Dist. 060	5,421 (9.18%)	5,178 (13.26%)	4,119 (8.15%)	3,905 (12.26%)
Total and % Population		39,036 (66.10%)	50,514 (85.53%)	31,845 (53.92%)

Plan: APA_Cooper_Hse_illustrative12_05, District 059 -- 59,434 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 057	32,260 (54.28%)	19,187 (44.14%)	27,998 (56.93%)	15,723 (45.61%)
Dist. 059	9,261 (15.58%)	7,538 (17.34%)	7,362 (14.97%)	5,823 (16.89%)
Dist. 060	7,216 (12.14%)	6,472 (14.89%)	5,578 (11.34%)	5,016 (14.55%)
Dist. 062	10,697 (18.00%)	10,271 (23.63%)	8,241 (16.76%)	7,908 (22.94%)
Total and % Population		43,468 (73.14%)	49,179 (82.75%)	34,470 (58.00%)

Plan: APA_Cooper_Hse_illustrative12_05, District 060 -- 59,709 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 040	22,030 (36.90%)	16,215 (42.05%)	16,279 (35.79%)	12,024 (41.38%)
Dist. 053	6,814 (11.41%)	1,215 (3.15%)	5,564 (12.23%)	1,007 (3.47%)
Dist. 055	11,724 (19.64%)	2,699 (7.00%)	9,221 (20.27%)	2,136 (7.35%)

Core Constituencies

Dist. 061	19,141 (32.06%)	18,433 (47.80%)	14,426 (31.71%)	13,894 (47.81%)
Total and % Population		38,562 (64.58%)	45,490 (76.19%)	29,061 (48.67%)

Plan: APA_Cooper_Hse_illustrative12_05, District 061 -- **59,302 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 061	37,546 (63.31%)	23,767 (53.37%)	29,016 (63.85%)	18,162 (53.79%)
Dist. 062	16,591 (27.98%)	15,873 (35.64%)	12,491 (27.48%)	11,889 (35.21%)
Dist. 067	5,165 (8.71%)	4,895 (10.99%)	3,940 (8.67%)	3,711 (10.99%)
Total and % Population		44,535 (75.10%)	45,447 (76.64%)	33,762 (56.93%)

Plan: APA_Cooper_Hse_illustrative12_05, District 062 -- **59,450 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 057	10,816 (18.19%)	3,740 (8.55%)	8,675 (18.69%)	2,769 (8.25%)
Dist. 059	7,735 (13.01%)	6,698 (15.32%)	5,648 (12.17%)	4,799 (14.30%)
Dist. 060	13,975 (23.51%)	9,887 (22.61%)	11,166 (24.05%)	7,741 (23.07%)
Dist. 062	24,110 (40.56%)	20,788 (47.53%)	18,805 (40.51%)	16,247 (48.43%)
Dist. 064	2,814 (4.73%)	2,619 (5.99%)	2,132 (4.59%)	1,992 (5.94%)
Total and % Population		43,732 (73.56%)	46,426 (78.09%)	33,548 (56.43%)

Plan: APA_Cooper_Hse_illustrative12_05, District 063 -- **59,381 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 059	19,861 (33.45%)	10,741 (25.49%)	15,619 (34.68%)	7,977 (25.54%)
Dist. 060	27,639 (46.55%)	20,163 (47.84%)	20,526 (45.57%)	14,836 (47.51%)
Dist. 062	1,118 (1.88%)	1,028 (2.44%)	872 (1.94%)	790 (2.53%)
Dist. 063	9,330 (15.71%)	8,826 (20.94%)	6,907 (15.33%)	6,539 (20.94%)
Dist. 064	1,433 (2.41%)	1,388 (3.29%)	1,119 (2.48%)	1,087 (3.48%)
Total and % Population		42,146 (70.98%)	45,043 (75.85%)	31,229 (52.59%)

Plan: APA_Cooper_Hse_illustrative12_05, District 064 -- **59,902 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 019	916 (1.53%)	91 (0.47%)	699 (1.56%)	63 (0.46%)
Dist. 065	12,451 (20.79%)	2,414 (12.51%)	9,478 (21.11%)	1,727 (12.66%)
Dist. 067	11,253 (18.79%)	3,810 (19.75%)	8,560 (19.07%)	2,661 (19.51%)
Dist. 068	11,872 (19.82%)	5,011 (25.98%)	8,822 (19.65%)	3,558 (26.09%)
Dist. 150	23,410 (39.08%)	7,965 (41.29%)	17,329 (38.60%)	5,631 (41.28%)
Total and % Population		19,291 (32.20%)	44,888 (74.94%)	13,640 (22.77%)

Plan: APA_Cooper_Hse_illustrative12_05, District 065 -- **59,464 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 065	4,549 (7.65%)	2,521 (6.69%)	3,564 (8.03%)	1,830 (6.65%)
Dist. 066	14,664 (24.66%)	13,180 (34.96%)	10,818 (24.37%)	9,644 (35.06%)
Dist. 067	27,243 (45.81%)	20,380 (54.06%)	20,290 (45.71%)	14,847 (53.97%)
Dist. 069	6,897 (11.60%)	638 (1.69%)	5,196 (11.71%)	444 (1.61%)
Dist. 071	6,111 (10.28%)	983 (2.61%)	4,518 (10.18%)	746 (2.71%)
Total and % Population		37,702 (63.40%)	44,386 (74.64%)	27,511 (46.26%)

Plan: APA_Cooper_Hse_illustrative12_05, District **59,047 Total Population**

Core Constituencies

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	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 061	2,979 (5.05%)	1,250 (3.76%)	2,255 (5.09%)	938 (3.97%)
Dist. 066	45,683 (77.37%)	28,079 (84.55%)	33,973 (76.73%)	19,900 (84.15%)
Dist. 067	8,746 (14.81%)	2,859 (8.61%)	6,741 (15.22%)	2,034 (8.60%)
Dist. 068	1,639 (2.78%)	1,022 (3.08%)	1,309 (2.96%)	775 (3.28%)
Total and % Population		33,210 (56.24%)	44,278 (74.99%)	23,647 (40.05%)

Plan: APA_Cooper_Hse_illustrative12_05, District 067 -- **59,135 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 065	41,863 (70.79%)	34,064 (96.12%)	31,238 (70.52%)	25,103 (96.18%)
Dist. 071	17,272 (29.21%)	1,374 (3.88%)	13,061 (29.48%)	996 (3.82%)
Total and % Population		35,438 (59.93%)	44,299 (74.91%)	26,099 (44.13%)

Plan: APA_Cooper_Hse_illustrative12_05, District 068 -- **59,477 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 064	39,772 (66.87%)	26,116 (76.39%)	30,110 (67.16%)	19,240 (76.98%)
Dist. 065	57 (0.10%)	46 (0.13%)	24 (0.05%)	17 (0.07%)
Dist. 067	7,238 (12.17%)	6,777 (19.82%)	5,208 (11.62%)	4,834 (19.34%)
Dist. 072	12,410 (20.87%)	1,250 (3.66%)	9,493 (21.17%)	903 (3.61%)
Total and % Population		34,189 (57.48%)	44,835 (75.38%)	24,994 (42.02%)

Plan: APA_Cooper_Hse_illustrative12_05, District 069 -- **60,397 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 063	33,146 (54.88%)	23,855 (70.20%)	25,892 (55.69%)	18,026 (70.52%)
Dist. 064	15,132 (25.05%)	8,988 (26.45%)	11,471 (24.67%)	6,728 (26.32%)
Dist. 072	12,119 (20.07%)	1,137 (3.35%)	9,133 (19.64%)	806 (3.15%)
Total and % Population		33,980 (56.26%)	46,496 (76.98%)	25,560 (42.32%)

Plan: APA_Cooper_Hse_illustrative12_05, District 070 -- **59,121 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 069	13,168 (22.27%)	1,362 (7.67%)	10,274 (22.71%)	1,002 (7.96%)
Dist. 070	42,465 (71.83%)	16,036 (90.34%)	32,290 (71.36%)	11,329 (89.98%)
Dist. 071	3,488 (5.90%)	352 (1.98%)	2,685 (5.93%)	260 (2.06%)
Total and % Population		17,750 (30.02%)	45,249 (76.54%)	12,591 (21.30%)

Plan: APA_Cooper_Hse_illustrative12_05, District 071 -- **59,415 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 018	16,128 (27.14%)	2,722 (22.82%)	12,360 (27.71%)	1,942 (23.32%)
Dist. 068	43,287 (72.86%)	9,207 (77.18%)	32,244 (72.29%)	6,387 (76.68%)
Total and % Population		11,929 (20.08%)	44,604 (75.07%)	8,329 (14.02%)

Plan: APA_Cooper_Hse_illustrative12_05, District 072 -- **59,358 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]

Core Constituencies

Dist. 018	33,479 (56.40%)	10,047 (73.01%)	26,132 (56.92%)	7,637 (74.33%)
Dist. 069	25,879 (43.60%)	3,715 (26.99%)	19,781 (43.08%)	2,638 (25.67%)
Total and % Population		13,762 (23.18%)	45,913 (77.35%)	10,275 (17.31%)

Plan: APA_Cooper_Hse_illustrative12_05, District 073 -- 60,189 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 070	17,279 (28.71%)	3,179 (43.04%)	13,034 (28.47%)	2,201 (42.60%)
Dist. 071	14,329 (23.81%)	1,400 (18.95%)	11,235 (24.54%)	1,041 (20.15%)
Dist. 072	28,581 (47.49%)	2,807 (38.00%)	21,515 (46.99%)	1,925 (37.26%)
Total and % Population		7,386 (12.27%)	45,784 (76.07%)	5,167 (8.58%)

Plan: APA_Cooper_Hse_illustrative12_05, District 074 -- 59,976 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 073	53,773 (89.66%)	35,638 (93.32%)	39,632 (89.59%)	25,452 (93.56%)
Dist. 109	2,845 (4.74%)	1,878 (4.92%)	1,993 (4.51%)	1,257 (4.62%)
Dist. 110	3,358 (5.60%)	675 (1.77%)	2,614 (5.91%)	494 (1.82%)
Total and % Population		38,191 (63.68%)	44,239 (73.76%)	27,203 (45.36%)

Plan: APA_Cooper_Hse_illustrative12_05, District 075 -- 60,164 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 075	17,767 (29.53%)	12,450 (28.02%)	13,286 (29.95%)	9,155 (28.14%)
Dist. 077	39,368 (65.43%)	29,898 (67.29%)	28,774 (64.87%)	21,833 (67.12%)
Dist. 078	3,029 (5.03%)	2,082 (4.69%)	2,294 (5.17%)	1,540 (4.73%)
Total and % Population		44,430 (73.85%)	44,354 (73.72%)	32,528 (54.07%)

Plan: APA_Cooper_Hse_illustrative12_05, District 076 -- 58,905 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 074	601 (1.02%)	256 (0.61%)	449 (1.02%)	191 (0.62%)
Dist. 075	8,917 (15.14%)	4,697 (11.27%)	6,652 (15.18%)	3,358 (10.93%)
Dist. 076	44,724 (75.93%)	32,626 (78.30%)	33,248 (75.89%)	24,143 (78.62%)
Dist. 078	4,663 (7.92%)	4,090 (9.82%)	3,460 (7.90%)	3,018 (9.83%)
Total and % Population		41,669 (70.74%)	43,809 (74.37%)	30,710 (52.13%)

Plan: APA_Cooper_Hse_illustrative12_05, District 077 -- 58,742 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 063	16,330 (27.80%)	7,441 (18.88%)	12,768 (28.50%)	5,573 (18.78%)
Dist. 072	5,546 (9.44%)	812 (2.06%)	4,215 (9.41%)	578 (1.95%)
Dist. 074	16,488 (28.07%)	14,410 (36.57%)	12,641 (28.22%)	11,016 (37.11%)
Dist. 075	6,753 (11.50%)	5,735 (14.55%)	5,045 (11.26%)	4,251 (14.32%)
Dist. 077	13,625 (23.19%)	11,006 (27.93%)	10,130 (22.61%)	8,264 (27.84%)
Total and % Population		39,404 (67.08%)	44,799 (76.26%)	29,682 (50.53%)

Plan: APA_Cooper_Hse_illustrative12_05, District 078 -- 59,188 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 075	21,121 (35.68%)	16,375 (40.93%)	15,444 (34.40%)	11,709 (39.79%)

Core Constituencies

Dist. 078	20,086 (33.94%)	12,101 (30.25%)	15,585 (34.71%)	9,184 (31.21%)
Dist. 109	17,981 (30.38%)	11,530 (28.82%)	13,872 (30.89%)	8,535 (29.00%)
Total and % Population		40,006 (67.59%)	44,901 (75.86%)	29,428 (49.72%)

Plan: APA_Cooper_Hse_illustrative12_05, District 079 -- **58,624 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 062	6,868 (11.72%)	5,890 (15.52%)	5,156 (12.12%)	4,391 (15.99%)
Dist. 074	41,577 (70.92%)	26,674 (70.31%)	30,247 (71.09%)	19,349 (70.45%)
Dist. 075	4,260 (7.27%)	1,540 (4.06%)	2,979 (7.00%)	1,057 (3.85%)
Dist. 077	5,919 (10.10%)	3,835 (10.11%)	4,166 (9.79%)	2,669 (9.72%)
Total and % Population		37,939 (64.72%)	42,548 (72.58%)	27,466 (46.85%)

Plan: APA_Cooper_Hse_illustrative12_05, District 080 -- **59,461 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 079	42,021 (70.67%)	5,377 (66.15%)	31,539 (70.42%)	4,163 (65.56%)
Dist. 080	5,436 (9.14%)	1,725 (21.22%)	4,350 (9.71%)	1,395 (21.97%)
Dist. 081	12,004 (20.19%)	1,026 (12.62%)	8,895 (19.86%)	792 (12.47%)
Total and % Population		8,128 (13.67%)	44,784 (75.32%)	6,350 (10.68%)

Plan: APA_Cooper_Hse_illustrative12_05, District 081 -- **59,007 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 080	10,343 (17.53%)	2,029 (16.25%)	8,166 (17.65%)	1,714 (16.97%)
Dist. 081	29,720 (50.37%)	8,577 (68.69%)	23,360 (50.50%)	6,990 (69.21%)
Dist. 085	11,233 (19.04%)	1,039 (8.32%)	8,432 (18.23%)	744 (7.37%)
Dist. 086	2,177 (3.69%)	163 (1.31%)	1,752 (3.79%)	141 (1.40%)
Dist. 087	5,534 (9.38%)	679 (5.44%)	4,549 (9.83%)	510 (5.05%)
Total and % Population		12,487 (21.16%)	46,259 (78.40%)	10,099 (17.11%)

Plan: APA_Cooper_Hse_illustrative12_05, District 082 -- **59,724 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 082	32,279 (54.05%)	6,425 (65.81%)	28,317 (56.37%)	5,897 (69.75%)
Dist. 083	5,471 (9.16%)	615 (6.30%)	4,117 (8.19%)	433 (5.12%)
Dist. 084	5,301 (8.88%)	799 (8.18%)	4,100 (8.16%)	594 (7.03%)
Dist. 085	13,246 (22.18%)	1,515 (15.52%)	11,009 (21.91%)	1,229 (14.54%)
Dist. 086	3,427 (5.74%)	409 (4.19%)	2,695 (5.36%)	302 (3.57%)
Total and % Population		9,763 (16.35%)	50,238 (84.12%)	8,455 (14.16%)

Plan: APA_Cooper_Hse_illustrative12_05, District 083 -- **59,416 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 080	33,020 (55.57%)	4,824 (57.93%)	25,028 (53.73%)	4,015 (57.00%)
Dist. 082	26,396 (44.43%)	3,503 (42.07%)	21,553 (46.27%)	3,029 (43.00%)
Total and % Population		8,327 (14.01%)	46,581 (78.40%)	7,044 (11.86%)

Plan: APA_Cooper_Hse_illustrative12_05, District 084 -- **59,862 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]

Core Constituencies

Dist. 083	2,260 (3.78%)	459 (1.05%)	1,553 (3.28%)	341 (0.98%)
Dist. 084	38,940 (65.05%)	26,083 (59.40%)	30,791 (65.03%)	20,643 (59.19%)
Dist. 085	1,671 (2.79%)	1,253 (2.85%)	1,395 (2.95%)	1,020 (2.92%)
Dist. 090	16,991 (28.38%)	16,114 (36.70%)	13,611 (28.75%)	12,873 (36.91%)
Total and % Population		43,909 (73.35%)	47,350 (79.10%)	34,877 (58.26%)

Plan: APA_Cooper_Hse_illustrative12_05, District 085 -- **59,373 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 084	2,314 (3.90%)	2,139 (5.68%)	1,848 (3.99%)	1,702 (5.86%)
Dist. 085	32,772 (55.20%)	21,161 (56.20%)	26,765 (57.80%)	16,790 (57.81%)
Dist. 086	24,287 (40.91%)	14,350 (38.11%)	17,695 (38.21%)	10,549 (36.32%)
Total and % Population		37,650 (63.41%)	46,308 (78.00%)	29,041 (48.91%)

Plan: APA_Cooper_Hse_illustrative12_05, District 086 -- **59,205 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 084	12,115 (20.46%)	11,324 (25.47%)	9,350 (20.96%)	8,711 (26.01%)
Dist. 086	28,068 (47.41%)	17,920 (40.31%)	20,455 (45.85%)	12,891 (38.50%)
Dist. 087	6,102 (10.31%)	3,626 (8.16%)	4,596 (10.30%)	2,685 (8.02%)
Dist. 088	6,051 (10.22%)	4,978 (11.20%)	4,736 (10.62%)	3,928 (11.73%)
Dist. 090	3,573 (6.03%)	3,415 (7.68%)	2,859 (6.41%)	2,727 (8.14%)
Dist. 092	3,296 (5.57%)	3,195 (7.19%)	2,618 (5.87%)	2,543 (7.59%)
Total and % Population		44,458 (75.09%)	44,614 (75.36%)	33,485 (56.56%)

Plan: APA_Cooper_Hse_illustrative12_05, District 087 -- **59,709 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 086	1,106 (1.85%)	203 (0.46%)	866 (1.90%)	139 (0.42%)
Dist. 087	32,579 (54.56%)	20,614 (46.64%)	24,656 (54.05%)	15,194 (45.58%)
Dist. 088	19,371 (32.44%)	17,205 (38.93%)	14,918 (32.70%)	13,230 (39.69%)
Dist. 092	6,653 (11.14%)	6,173 (13.97%)	5,175 (11.34%)	4,773 (14.32%)
Total and % Population		44,195 (74.02%)	45,615 (76.40%)	33,336 (55.83%)

Plan: APA_Cooper_Hse_illustrative12_05, District 088 -- **59,689 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 081	752 (1.26%)	164 (0.43%)	575 (1.25%)	122 (0.42%)
Dist. 087	15,370 (25.75%)	10,000 (25.96%)	11,671 (25.33%)	7,287 (24.97%)
Dist. 088	23,641 (39.61%)	10,081 (26.17%)	18,338 (39.80%)	7,581 (25.97%)
Dist. 092	19,926 (33.38%)	18,270 (47.44%)	15,489 (33.62%)	14,197 (48.64%)
Total and % Population		38,515 (64.53%)	46,073 (77.19%)	29,187 (48.90%)

Plan: APA_Cooper_Hse_illustrative12_05, District 089 -- **59,866 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 083	47,573 (79.47%)	28,983 (77.30%)	36,383 (78.75%)	22,209 (76.87%)
Dist. 089	3,697 (6.18%)	244 (0.65%)	3,065 (6.63%)	197 (0.68%)
Dist. 090	8,596 (14.36%)	8,267 (22.05%)	6,750 (14.61%)	6,484 (22.44%)
Total and % Population		37,494 (62.63%)	46,198 (77.17%)	28,890 (48.26%)

Core Constituencies

Plan: APA_Cooper_Hse_illustrative12_05, District 090 -- **59,812 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 083	3,594 (6.01%)	2,864 (7.96%)	2,894 (6.03%)	2,267 (8.07%)
Dist. 089	56,218 (93.99%)	33,101 (92.04%)	45,121 (93.97%)	25,815 (91.93%)
Total and % Population		35,965 (60.13%)	48,015 (80.28%)	28,082 (46.95%)

Plan: APA_Cooper_Hse_illustrative12_05, District 091 -- **58,901 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 076	15,389 (26.13%)	11,040 (27.29%)	12,127 (26.57%)	8,513 (27.83%)
Dist. 078	11,819 (20.07%)	5,502 (13.60%)	9,217 (20.19%)	4,000 (13.08%)
Dist. 090	20,645 (35.05%)	13,341 (32.97%)	16,214 (35.52%)	10,335 (33.79%)
Dist. 091	10,866 (18.45%)	10,450 (25.83%)	7,951 (17.42%)	7,643 (24.99%)
Dist. 113	182 (0.31%)	127 (0.31%)	141 (0.31%)	98 (0.32%)
Total and % Population		40,460 (68.69%)	45,650 (77.50%)	30,589 (51.93%)

Plan: APA_Cooper_Hse_illustrative12_05, District 092 -- **60,273 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 090	1,567 (2.60%)	1,039 (2.42%)	1,262 (2.71%)	819 (2.56%)
Dist. 091	15,204 (25.23%)	14,277 (33.22%)	11,458 (24.61%)	10,704 (33.43%)
Dist. 093	11,404 (18.92%)	7,669 (17.84%)	8,962 (19.25%)	5,819 (18.17%)
Dist. 113	32,098 (53.25%)	19,993 (46.52%)	24,869 (53.42%)	14,680 (45.84%)
Total and % Population		42,978 (71.31%)	46,551 (77.23%)	32,022 (53.13%)

Plan: APA_Cooper_Hse_illustrative12_05, District 093 -- **60,118 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 091	13,909 (23.14%)	9,222 (22.91%)	10,019 (22.40%)	6,741 (23.05%)
Dist. 092	2,662 (4.43%)	2,330 (5.79%)	1,866 (4.17%)	1,607 (5.50%)
Dist. 093	31,056 (51.66%)	20,052 (49.82%)	23,176 (51.81%)	14,357 (49.10%)
Dist. 112	10,285 (17.11%)	7,085 (17.60%)	7,861 (17.57%)	5,295 (18.11%)
Dist. 113	2,206 (3.67%)	1,560 (3.88%)	1,812 (4.05%)	1,239 (4.24%)
Total and % Population		40,249 (66.95%)	44,734 (74.41%)	29,239 (48.64%)

Plan: APA_Cooper_Hse_illustrative12_05, District 094 -- **59,211 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 088	694 (1.17%)	501 (1.21%)	555 (1.24%)	386 (1.25%)
Dist. 091	4,641 (7.84%)	4,427 (10.69%)	3,463 (7.73%)	3,297 (10.66%)
Dist. 092	18,679 (31.55%)	17,419 (42.08%)	14,059 (31.38%)	13,102 (42.35%)
Dist. 094	30,524 (51.55%)	18,198 (43.96%)	23,152 (51.67%)	13,561 (43.84%)
Dist. 108	4,673 (7.89%)	852 (2.06%)	3,580 (7.99%)	589 (1.90%)
Total and % Population		41,397 (69.91%)	44,809 (75.68%)	30,935 (52.25%)

Plan: APA_Cooper_Hse_illustrative12_05, District 095 -- **60,030 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 091	15,770 (26.27%)	8,958 (21.49%)	12,242 (27.24%)	6,616 (21.92%)

Core Constituencies

Dist. 092	8,063 (13.43%)	7,575 (18.17%)	5,987 (13.32%)	5,609 (18.58%)
Dist. 093	872 (1.45%)	744 (1.78%)	653 (1.45%)	545 (1.81%)
Dist. 094	15,934 (26.54%)	10,539 (25.28%)	11,678 (25.98%)	7,524 (24.93%)
Dist. 106	19,391 (32.30%)	13,866 (33.27%)	14,388 (32.01%)	9,889 (32.76%)
Total and % Population		41,682 (69.44%)	44,948 (74.88%)	30,183 (50.28%)

Plan: APA_Cooper_Hse_illustrative12_05, District 096 -- 59,515 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 050	11,697 (19.65%)	3,377 (24.17%)	9,473 (21.21%)	2,511 (24.44%)
Dist. 081	6,986 (11.74%)	1,177 (8.43%)	5,104 (11.43%)	927 (9.02%)
Dist. 095	2,489 (4.18%)	291 (2.08%)	2,001 (4.48%)	228 (2.22%)
Dist. 096	38,343 (64.43%)	9,125 (65.32%)	28,093 (62.89%)	6,607 (64.31%)
Total and % Population		13,970 (23.47%)	44,671 (75.06%)	10,273 (17.26%)

Plan: APA_Cooper_Hse_illustrative12_05, District 097 -- 59,072 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 095	38,702 (65.52%)	9,642 (57.16%)	30,758 (66.38%)	7,036 (56.72%)
Dist. 096	20,370 (34.48%)	7,227 (42.84%)	15,581 (33.62%)	5,369 (43.28%)
Total and % Population		16,869 (28.56%)	46,339 (78.44%)	12,405 (21.00%)

Plan: APA_Cooper_Hse_illustrative12_05, District 098 -- 59,998 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 081	9,726 (16.21%)	2,465 (18.55%)	6,922 (16.20%)	1,808 (18.20%)
Dist. 099	50,272 (83.79%)	10,821 (81.45%)	35,812 (83.80%)	8,126 (81.80%)
Total and % Population		13,286 (22.14%)	42,734 (71.23%)	9,934 (16.56%)

Plan: APA_Cooper_Hse_illustrative12_05, District 099 -- 59,850 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 050	26,648 (44.52%)	4,611 (48.47%)	20,589 (45.75%)	3,270 (49.38%)
Dist. 095	2,607 (4.36%)	370 (3.89%)	2,052 (4.56%)	266 (4.02%)
Dist. 097	23,611 (39.45%)	3,606 (37.90%)	17,387 (38.63%)	2,529 (38.19%)
Dist. 098	6,984 (11.67%)	927 (9.74%)	4,976 (11.06%)	557 (8.41%)
Total and % Population		9,514 (15.90%)	45,004 (75.19%)	6,622 (11.06%)

Plan: APA_Cooper_Hse_illustrative12_05, District 100 -- 58,851 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 025	11,887 (20.20%)	624 (9.82%)	7,918 (18.84%)	407 (9.61%)
Dist. 050	255 (0.43%)	40 (0.63%)	203 (0.48%)	22 (0.52%)
Dist. 097	6,371 (10.83%)	562 (8.84%)	4,507 (10.72%)	388 (9.16%)
Dist. 098	36,397 (61.85%)	4,910 (77.26%)	26,591 (63.25%)	3,295 (77.77%)
Dist. 137	3,941 (6.70%)	219 (3.45%)	2,819 (6.71%)	125 (2.95%)
Total and % Population		6,355 (10.80%)	42,038 (71.43%)	4,237 (7.20%)

Plan: APA_Cooper_Hse_illustrative12_05, District 101 -- 59,938 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]

Core Constituencies

Dist. 102	53,990 (90.08%)	13,970 (90.83%)	42,220 (90.63%)	10,325 (91.62%)
Dist. 103	4,737 (7.90%)	1,001 (6.51%)	3,450 (7.41%)	648 (5.75%)
Dist. 104	1,211 (2.02%)	409 (2.66%)	914 (1.96%)	296 (2.63%)
Dist. 105	0 (0.00%)	0 (0.00%)	(0.00%)	(0.00%)
Total and % Population		15,380 (25.66%)	46,584 (77.72%)	11,269 (18.80%)

Plan: APA_Cooper_Hse_illustrative12_05, District 102 -- **58,959 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 101	29,282 (49.67%)	9,453 (39.88%)	21,941 (51.06%)	6,613 (40.91%)
Dist. 105	25,948 (44.01%)	12,726 (53.69%)	18,314 (42.62%)	8,527 (52.75%)
Dist. 107	3,729 (6.32%)	1,523 (6.43%)	2,713 (6.31%)	1,024 (6.34%)
Total and % Population		23,702 (40.20%)	42,968 (72.88%)	16,164 (27.42%)

Plan: APA_Cooper_Hse_illustrative12_05, District 103 -- **60,197 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 030	4,086 (6.79%)	200 (1.88%)	2,984 (6.72%)	156 (2.09%)
Dist. 097	16,505 (27.42%)	4,012 (37.75%)	12,398 (27.92%)	2,847 (38.19%)
Dist. 098	15,248 (25.33%)	1,763 (16.59%)	11,260 (25.36%)	1,192 (15.99%)
Dist. 102	5,375 (8.93%)	930 (8.75%)	4,144 (9.33%)	654 (8.77%)
Dist. 103	18,983 (31.53%)	3,723 (35.03%)	13,613 (30.66%)	2,605 (34.95%)
Total and % Population		10,628 (17.66%)	44,399 (73.76%)	7,454 (12.38%)

Plan: APA_Cooper_Hse_illustrative12_05, District 104 -- **59,362 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 103	7,963 (13.41%)	1,917 (17.84%)	5,929 (13.69%)	1,457 (19.76%)
Dist. 104	8,636 (14.55%)	2,723 (25.35%)	6,184 (14.28%)	1,827 (24.78%)
Dist. 114	1,708 (2.88%)	303 (2.82%)	1,255 (2.90%)	213 (2.89%)
Dist. 116	41,055 (69.16%)	5,800 (53.99%)	29,938 (69.13%)	3,876 (52.57%)
Total and % Population		10,743 (18.10%)	43,306 (72.95%)	7,373 (12.42%)

Plan: APA_Cooper_Hse_illustrative12_05, District 105 -- **59,344 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 103	19,422 (32.73%)	4,431 (24.02%)	14,671 (33.75%)	3,093 (24.49%)
Dist. 104	26,122 (44.02%)	7,318 (39.68%)	19,020 (43.75%)	5,027 (39.81%)
Dist. 105	13,800 (23.25%)	6,695 (36.30%)	9,783 (22.50%)	4,508 (35.70%)
Total and % Population		18,444 (31.08%)	43,474 (73.26%)	12,628 (21.28%)

Plan: APA_Cooper_Hse_illustrative12_05, District 106 -- **59,112 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 094	4,339 (7.34%)	1,074 (4.63%)	3,183 (7.25%)	717 (4.50%)
Dist. 106	39,263 (66.42%)	16,604 (71.50%)	29,105 (66.31%)	11,380 (71.49%)
Dist. 107	15,510 (26.24%)	5,543 (23.87%)	11,602 (26.43%)	3,821 (24.00%)
Total and % Population		23,221 (39.28%)	43,890 (74.25%)	15,918 (26.93%)

Plan: APA_Cooper_Hse_illustrative12_05, District 107 -- **59,702 Total Population**

Core Constituencies

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 050	9,229 (15.46%)	3,331 (18.13%)	6,850 (15.39%)	2,389 (18.12%)
Dist. 100	20,591 (34.49%)	5,805 (31.60%)	15,084 (33.89%)	4,223 (32.03%)
Dist. 101	29,882 (50.05%)	9,236 (50.27%)	22,575 (50.72%)	6,574 (49.86%)
Total and % Population		18,372 (30.77%)	44,509 (74.55%)	13,186 (22.09%)

Plan: APA_Cooper_Hse_illustrative12_05, District 108 -- **59,577 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 088	9,651 (16.20%)	1,771 (14.83%)	7,263 (16.39%)	1,201 (14.77%)
Dist. 094	8,487 (14.25%)	2,176 (18.22%)	6,164 (13.91%)	1,444 (17.76%)
Dist. 099	8,543 (14.34%)	1,681 (14.07%)	6,115 (13.80%)	1,222 (15.03%)
Dist. 108	32,896 (55.22%)	6,318 (52.89%)	24,766 (55.90%)	4,265 (52.45%)
Total and % Population		11,946 (20.05%)	44,308 (74.37%)	8,132 (13.65%)

Plan: APA_Cooper_Hse_illustrative12_05, District 109 -- **59,630 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 100	38,304 (64.24%)	12,943 (66.06%)	28,689 (65.00%)	9,644 (67.20%)
Dist. 108	21,326 (35.76%)	6,649 (33.94%)	15,451 (35.00%)	4,708 (32.80%)
Total and % Population		19,592 (32.86%)	44,140 (74.02%)	14,352 (24.07%)

Plan: APA_Cooper_Hse_illustrative12_05, District 110 -- **59,951 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 105	19,218 (32.06%)	9,322 (31.03%)	13,747 (31.80%)	6,251 (30.64%)
Dist. 107	40,733 (67.94%)	20,720 (68.97%)	29,479 (68.20%)	14,149 (69.36%)
Total and % Population		30,042 (50.11%)	43,226 (72.10%)	20,400 (34.03%)

Plan: APA_Cooper_Hse_illustrative12_05, District 111 -- **60,009 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 104	22,685 (37.80%)	7,931 (54.43%)	16,118 (36.55%)	5,330 (54.23%)
Dist. 115	37,324 (62.20%)	6,641 (45.57%)	27,978 (63.45%)	4,498 (45.77%)
Total and % Population		14,572 (24.28%)	44,096 (73.48%)	9,828 (16.38%)

Plan: APA_Cooper_Hse_illustrative12_05, District 112 -- **59,349 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 114	30,092 (50.70%)	8,443 (69.42%)	22,853 (50.65%)	5,888 (67.94%)
Dist. 115	21,862 (36.84%)	1,890 (15.54%)	16,700 (37.01%)	1,415 (16.33%)
Dist. 145	7,395 (12.46%)	1,830 (15.05%)	5,567 (12.34%)	1,364 (15.74%)
Total and % Population		12,163 (20.49%)	45,120 (76.02%)	8,667 (14.60%)

Plan: APA_Cooper_Hse_illustrative12_05, District 113 -- **60,053 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 112	34,936 (58.18%)	23,174 (62.63%)	25,831 (58.00%)	16,551 (62.42%)
Dist. 113	25,117 (41.82%)	13,828 (37.37%)	18,707 (42.00%)	9,964 (37.58%)
Total and % Population		37,002 (61.62%)	44,538 (74.16%)	26,515 (44.15%)

Core Constituencies

Plan: APA_Cooper_Hse_illustrative12_05, District 114 -- **59,867 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 093	16,928 (28.28%)	6,077 (39.36%)	13,129 (28.62%)	4,512 (39.76%)
Dist. 112	15,097 (25.22%)	3,273 (21.20%)	11,340 (24.72%)	2,299 (20.26%)
Dist. 113	331 (0.55%)	137 (0.89%)	248 (0.54%)	99 (0.87%)
Dist. 129	7,414 (12.38%)	1,612 (10.44%)	5,581 (12.17%)	1,157 (10.20%)
Dist. 145	20,097 (33.57%)	4,339 (28.11%)	15,574 (33.95%)	3,280 (28.91%)
Total and % Population		15,438 (25.79%)	45,872 (76.62%)	11,347 (18.95%)

Plan: APA_Cooper_Hse_illustrative12_05, District 115 -- **59,473 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 090	8,874 (14.92%)	2,247 (6.61%)	6,618 (15.05%)	1,501 (6.30%)
Dist. 109	5,736 (9.64%)	2,780 (8.18%)	4,231 (9.62%)	1,915 (8.03%)
Dist. 111	41,267 (69.39%)	28,093 (82.70%)	30,376 (69.06%)	19,814 (83.10%)
Dist. 129	3,596 (6.05%)	850 (2.50%)	2,758 (6.27%)	613 (2.57%)
Total and % Population		33,970 (57.12%)	43,983 (73.95%)	23,843 (40.09%)

Plan: APA_Cooper_Hse_illustrative12_05, District 116 -- **59,096 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 073	2,649 (4.48%)	1,448 (4.31%)	2,248 (4.99%)	1,186 (4.84%)
Dist. 078	19,451 (32.91%)	9,941 (29.60%)	14,509 (32.19%)	7,083 (28.91%)
Dist. 109	33,544 (56.76%)	20,352 (60.61%)	25,623 (56.84%)	14,863 (60.68%)
Dist. 111	3,452 (5.84%)	1,839 (5.48%)	2,699 (5.99%)	1,364 (5.57%)
Total and % Population		33,580 (56.82%)	45,079 (76.28%)	24,496 (41.45%)

Plan: APA_Cooper_Hse_illustrative12_05, District 117 -- **58,692 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 073	1,846 (3.15%)	688 (2.03%)	1,415 (3.22%)	505 (2.10%)
Dist. 110	55,053 (93.80%)	32,774 (96.52%)	41,134 (93.68%)	23,166 (96.56%)
Dist. 129	1,109 (1.89%)	324 (0.95%)	819 (1.87%)	192 (0.80%)
Dist. 130	684 (1.17%)	171 (0.50%)	539 (1.23%)	129 (0.54%)
Total and % Population		33,957 (57.86%)	43,907 (74.81%)	23,992 (40.88%)

Plan: APA_Cooper_Hse_illustrative12_05, District 118 -- **60,253 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 111	14,158 (23.50%)	3,987 (26.23%)	10,299 (22.62%)	2,730 (24.44%)
Dist. 129	33,564 (55.71%)	6,904 (45.42%)	25,444 (55.89%)	5,263 (47.12%)
Dist. 131	12,531 (20.80%)	4,309 (28.35%)	9,780 (21.48%)	3,177 (28.44%)
Total and % Population		15,200 (25.23%)	45,523 (75.55%)	11,170 (18.54%)

Plan: APA_Cooper_Hse_illustrative12_05, District 119 -- **59,260 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 114	27,660 (46.68%)	5,034 (56.89%)	20,475 (46.17%)	3,518 (56.87%)
Dist. 116	18,120 (30.58%)	1,776 (20.07%)	13,765 (31.04%)	1,228 (19.85%)

Core Constituencies

Dist. 119	13,480 (22.75%)	2,038 (23.03%)	10,106 (22.79%)	1,440 (23.28%)
Total and % Population		8,848 (14.93%)	44,346 (74.83%)	6,186 (10.44%)

Plan: APA_Cooper_Hse_illustrative12_05, District 120 -- **59,554 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 031	5,387 (9.05%)	388 (3.57%)	4,221 (8.83%)	299 (3.62%)
Dist. 117	45,557 (76.50%)	8,670 (79.83%)	36,920 (77.28%)	6,584 (79.76%)
Dist. 118	4,776 (8.02%)	1,416 (13.04%)	3,689 (7.72%)	1,087 (13.17%)
Dist. 119	3,834 (6.44%)	387 (3.56%)	2,947 (6.17%)	285 (3.45%)
Total and % Population		10,861 (18.24%)	47,777 (80.22%)	8,255 (13.86%)

Plan: APA_Cooper_Hse_illustrative12_05, District 121 -- **59,588 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 117	6,693 (11.23%)	1,388 (21.67%)	5,942 (13.16%)	1,106 (23.81%)
Dist. 119	41,799 (70.15%)	2,280 (35.60%)	30,221 (66.91%)	1,660 (35.73%)
Dist. 120	11,096 (18.62%)	2,737 (42.73%)	9,004 (19.93%)	1,880 (40.46%)
Total and % Population		6,405 (10.75%)	45,167 (75.80%)	4,646 (7.80%)

Plan: APA_Cooper_Hse_illustrative12_05, District 122 -- **59,628 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 117	7,718 (12.94%)	992 (6.08%)	6,678 (13.29%)	780 (6.63%)
Dist. 118	51,910 (87.06%)	15,336 (93.92%)	43,554 (86.71%)	10,984 (93.37%)
Total and % Population		16,328 (27.38%)	50,232 (84.24%)	11,764 (19.73%)

Plan: APA_Cooper_Hse_illustrative12_05, District 123 -- **59,712 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 033	49,454 (82.82%)	10,979 (84.16%)	38,657 (82.54%)	8,154 (83.02%)
Dist. 120	8,053 (13.49%)	1,589 (12.18%)	6,378 (13.62%)	1,270 (12.93%)
Dist. 121	2,205 (3.69%)	478 (3.66%)	1,801 (3.85%)	398 (4.05%)
Total and % Population		13,046 (21.85%)	46,836 (78.44%)	9,822 (16.45%)

Plan: APA_Cooper_Hse_illustrative12_05, District 124 -- **58,822 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 118	3,582 (6.09%)	1,487 (9.15%)	2,722 (5.75%)	1,079 (9.00%)
Dist. 120	35,504 (60.36%)	9,775 (60.16%)	28,578 (60.37%)	7,248 (60.49%)
Dist. 144	7,835 (13.32%)	3,716 (22.87%)	6,078 (12.84%)	2,729 (22.77%)
Dist. 145	11,901 (20.23%)	1,270 (7.82%)	9,960 (21.04%)	927 (7.74%)
Total and % Population		16,248 (27.62%)	47,338 (80.48%)	11,983 (20.37%)

Plan: APA_Cooper_Hse_illustrative12_05, District 125 -- **59,922 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 121	43,435 (72.49%)	11,040 (56.92%)	31,916 (72.00%)	7,489 (56.01%)
Dist. 123	2,376 (3.97%)	560 (2.89%)	1,866 (4.21%)	408 (3.05%)
Dist. 127	14,111 (23.55%)	7,797 (40.20%)	10,548 (23.79%)	5,474 (40.94%)
Total and % Population		19,397 (32.37%)	44,330 (73.98%)	13,371 (22.31%)

Core Constituencies

Plan: APA_Cooper_Hse_illustrative12_05, District 126 -- **59,977 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 126	53,043 (88.44%)	29,494 (88.37%)	40,556 (88.86%)	21,796 (88.78%)
Dist. 127	1,405 (2.34%)	303 (0.91%)	1,107 (2.43%)	225 (0.92%)
Dist. 128	2,216 (3.69%)	1,777 (5.32%)	1,515 (3.32%)	1,202 (4.90%)
Dist. 159	3,313 (5.52%)	1,803 (5.40%)	2,461 (5.39%)	1,327 (5.41%)
Total and % Population		33,377 (55.65%)	45,639 (76.09%)	24,550 (40.93%)

Plan: APA_Cooper_Hse_illustrative12_05, District 127 -- **60,294 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 122	20,448 (33.91%)	3,039 (29.45%)	15,775 (33.75%)	2,097 (28.59%)
Dist. 123	39,846 (66.09%)	7,279 (70.55%)	30,960 (66.25%)	5,238 (71.41%)
Total and % Population		10,318 (17.11%)	46,735 (77.51%)	7,335 (12.17%)

Plan: APA_Cooper_Hse_illustrative12_05, District 128 -- **59,983 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 126	889 (1.48%)	338 (1.03%)	677 (1.46%)	247 (1.01%)
Dist. 128	54,654 (91.12%)	31,699 (96.79%)	42,371 (91.21%)	23,661 (96.95%)
Dist. 158	4,440 (7.40%)	714 (2.18%)	3,406 (7.33%)	497 (2.04%)
Total and % Population		32,751 (54.60%)	46,454 (77.45%)	24,405 (40.69%)

Plan: APA_Cooper_Hse_illustrative12_05, District 129 -- **59,891 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 123	2,558 (4.27%)	341 (1.04%)	2,096 (4.37%)	246 (1.00%)
Dist. 124	54,073 (90.29%)	29,915 (91.67%)	43,319 (90.34%)	22,497 (91.73%)
Dist. 125	3,260 (5.44%)	2,378 (7.29%)	2,535 (5.29%)	1,783 (7.27%)
Total and % Population		32,634 (54.49%)	47,950 (80.06%)	24,526 (40.95%)

Plan: APA_Cooper_Hse_illustrative12_05, District 130 -- **60,057 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 124	3,408 (5.67%)	1,961 (5.57%)	2,998 (6.63%)	1,680 (6.73%)
Dist. 125	51,262 (85.36%)	30,419 (86.38%)	38,038 (84.10%)	21,105 (84.60%)
Dist. 126	5,387 (8.97%)	2,834 (8.05%)	4,191 (9.27%)	2,161 (8.66%)
Total and % Population		35,214 (58.63%)	45,227 (75.31%)	24,946 (41.54%)

Plan: APA_Cooper_Hse_illustrative12_05, District 131 -- **59,096 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 121	13,416 (22.70%)	3,602 (29.10%)	9,463 (22.58%)	2,496 (29.72%)
Dist. 122	38,264 (64.75%)	6,266 (50.62%)	27,620 (65.92%)	4,368 (52.01%)
Dist. 123	7,416 (12.55%)	2,511 (20.28%)	4,818 (11.50%)	1,535 (18.28%)
Total and % Population		12,379 (20.95%)	41,901 (70.90%)	8,399 (14.21%)

Plan: APA_Cooper_Hse_illustrative12_05, District 132 -- **58,652 Total Population**

Core Constituencies

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 123	7,118 (12.14%)	2,486 (7.53%)	5,888 (12.76%)	1,974 (8.13%)
Dist. 124	2,262 (3.86%)	611 (1.85%)	1,783 (3.87%)	460 (1.89%)
Dist. 125	5,807 (9.90%)	4,721 (14.31%)	4,357 (9.45%)	3,435 (14.14%)
Dist. 126	0 (0.00%)	0 (0.00%)	(0.00%)	(0.00%)
Dist. 127	43,465 (74.11%)	25,181 (76.31%)	34,099 (73.92%)	18,423 (75.84%)
Total and % Population		32,999 (56.26%)	46,127 (78.65%)	24,292 (41.42%)

Plan: APA_Cooper_Hse_illustrative12_05, District 133 -- **58,720 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 033	1,094 (1.86%)	246 (0.78%)	907 (1.91%)	188 (0.76%)
Dist. 120	5,315 (9.05%)	2,892 (9.12%)	4,183 (8.81%)	2,206 (8.94%)
Dist. 144	47,426 (80.77%)	26,943 (84.96%)	38,550 (81.16%)	21,089 (85.44%)
Dist. 145	4,885 (8.32%)	1,633 (5.15%)	3,857 (8.12%)	1,200 (4.86%)
Total and % Population		31,714 (54.01%)	47,497 (80.89%)	24,683 (42.04%)

Plan: APA_Cooper_Hse_illustrative12_05, District 134 -- **58,622 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 073	2,096 (3.58%)	153 (1.84%)	1,721 (3.77%)	124 (2.03%)
Dist. 110	1,922 (3.28%)	95 (1.15%)	1,545 (3.39%)	64 (1.05%)
Dist. 129	2,950 (5.03%)	282 (3.40%)	2,346 (5.14%)	195 (3.20%)
Dist. 130	51,654 (88.11%)	7,763 (93.61%)	40,009 (87.70%)	5,711 (93.72%)
Total and % Population		8,293 (14.15%)	45,621 (77.82%)	6,094 (10.40%)

Plan: APA_Cooper_Hse_illustrative12_05, District 135 -- **59,567 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 129	11,733 (19.70%)	2,282 (15.84%)	8,950 (19.26%)	1,664 (14.98%)
Dist. 131	45,523 (76.42%)	11,408 (79.19%)	35,704 (76.84%)	8,870 (79.86%)
Dist. 144	0 (0.00%)	0 (0.00%)	(0.00%)	(0.00%)
Dist. 145	2,311 (3.88%)	715 (4.96%)	1,809 (3.89%)	573 (5.16%)
Total and % Population		14,405 (24.18%)	46,463 (78.00%)	11,107 (18.65%)

Plan: APA_Cooper_Hse_illustrative12_05, District 136 -- **59,795 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 069	9,081 (15.19%)	1,346 (7.62%)	6,913 (15.10%)	951 (7.24%)
Dist. 071	18,922 (31.64%)	1,767 (10.00%)	14,208 (31.04%)	1,332 (10.15%)
Dist. 132	31,792 (53.17%)	14,554 (82.38%)	24,650 (53.86%)	10,844 (82.61%)
Total and % Population		17,667 (29.55%)	45,771 (76.55%)	13,127 (21.95%)

Plan: APA_Cooper_Hse_illustrative12_05, District 137 -- **59,054 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 132	22,676 (38.40%)	11,450 (35.65%)	17,519 (38.97%)	8,402 (35.72%)
Dist. 133	5,618 (9.51%)	858 (2.67%)	4,377 (9.74%)	694 (2.95%)
Dist. 134	7,922 (13.41%)	2,666 (8.30%)	5,871 (13.06%)	1,934 (8.22%)
Dist. 136	22,521 (38.14%)	16,971 (52.84%)	16,926 (37.65%)	12,357 (52.53%)
Dist. 138	317 (0.54%)	170 (0.53%)	261 (0.58%)	138 (0.59%)

Total and % Population		32,115 (54.38%)	44,954 (76.12%)	23,525 (39.84%)

Plan: APA_Cooper_Hse_illustrative12_05, District 138 -- 58,912 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 069	2,057 (3.49%)	335 (2.78%)	1,583 (3.47%)	243 (2.75%)
Dist. 132	4,305 (7.31%)	2,408 (19.95%)	3,068 (6.72%)	1,583 (17.94%)
Dist. 133	40,360 (68.51%)	7,693 (63.73%)	31,405 (68.74%)	5,820 (65.96%)
Dist. 134	12,190 (20.69%)	1,636 (13.55%)	9,628 (21.08%)	1,178 (13.35%)
Total and % Population		12,072 (20.49%)	45,684 (77.55%)	8,824 (14.98%)

Plan: APA_Cooper_Hse_illustrative12_05, District 139 -- 59,010 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 133	13,034 (22.09%)	2,127 (16.56%)	9,983 (21.93%)	1,663 (18.02%)
Dist. 134	34,573 (58.59%)	7,939 (61.80%)	26,715 (58.69%)	5,631 (61.03%)
Dist. 135	11,403 (19.32%)	2,780 (21.64%)	8,824 (19.38%)	1,933 (20.95%)
Total and % Population		12,846 (21.77%)	45,522 (77.14%)	9,227 (15.64%)

Plan: APA_Cooper_Hse_illustrative12_05, District 140 -- 59,294 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 135	41,312 (69.67%)	24,633 (69.47%)	31,753 (71.50%)	17,947 (70.12%)
Dist. 136	370 (0.62%)	277 (0.78%)	264 (0.59%)	186 (0.73%)
Dist. 138	17,612 (29.70%)	10,550 (29.75%)	12,394 (27.91%)	7,463 (29.16%)
Total and % Population		35,460 (59.80%)	44,411 (74.90%)	25,596 (43.17%)

Plan: APA_Cooper_Hse_illustrative12_05, District 141 -- 59,019 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 134	5,582 (9.46%)	1,875 (5.39%)	4,100 (9.18%)	1,266 (4.93%)
Dist. 135	7,679 (13.01%)	5,433 (15.63%)	5,643 (12.63%)	3,909 (15.23%)
Dist. 136	37,428 (63.42%)	20,219 (58.17%)	28,547 (63.90%)	14,975 (58.33%)
Dist. 138	8,330 (14.11%)	7,233 (20.81%)	6,387 (14.30%)	5,522 (21.51%)
Total and % Population		34,760 (58.90%)	44,677 (75.70%)	25,672 (43.50%)

Plan: APA_Cooper_Hse_illustrative12_05, District 142 -- 58,637 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 142	11,848 (20.21%)	10,054 (30.52%)	8,123 (18.79%)	6,712 (29.57%)
Dist. 143	19,576 (33.39%)	9,267 (28.13%)	15,026 (34.77%)	6,659 (29.34%)
Dist. 146	8,852 (15.10%)	2,447 (7.43%)	6,860 (15.87%)	1,737 (7.65%)
Dist. 147	18,361 (31.31%)	11,172 (33.92%)	13,212 (30.57%)	7,587 (33.43%)
Total and % Population		32,940 (56.18%)	43,221 (73.71%)	22,695 (38.70%)

Plan: APA_Cooper_Hse_illustrative12_05, District 143 -- 58,771 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 141	5,273 (8.97%)	2,136 (5.91%)	4,050 (8.74%)	1,452 (5.38%)
Dist. 142	4,894 (8.33%)	2,611 (7.22%)	3,678 (7.94%)	1,794 (6.65%)
Dist. 143	40,582 (69.05%)	28,166 (77.94%)	32,006 (69.09%)	21,103 (78.23%)

Core Constituencies

Dist. 146	8,022 (13.65%)	3,226 (8.93%)	6,589 (14.22%)	2,627 (9.74%)
Total and % Population		36,139 (61.49%)	46,323 (78.82%)	26,976 (45.90%)

Plan: APA_Cooper_Hse_illustrative12_05, District 144 -- **60,114 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 141	44,240 (73.59%)	11,921 (75.47%)	34,026 (71.92%)	8,854 (74.91%)
Dist. 144	3,830 (6.37%)	624 (3.95%)	3,579 (7.56%)	485 (4.10%)
Dist. 145	12,044 (20.04%)	3,250 (20.58%)	9,707 (20.52%)	2,480 (20.98%)
Total and % Population		15,795 (26.28%)	47,312 (78.70%)	11,819 (19.66%)

Plan: APA_Cooper_Hse_illustrative12_05, District 145 -- **60,214 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 131	934 (1.55%)	256 (0.80%)	750 (1.62%)	215 (0.92%)
Dist. 140	6,329 (10.51%)	2,168 (6.76%)	5,262 (11.36%)	1,832 (7.88%)
Dist. 141	10,122 (16.81%)	2,796 (8.72%)	8,300 (17.92%)	2,144 (9.22%)
Dist. 142	42,829 (71.13%)	26,860 (83.73%)	32,006 (69.10%)	19,061 (81.98%)
Total and % Population		32,080 (53.28%)	46,318 (76.92%)	23,252 (38.62%)

Plan: APA_Cooper_Hse_illustrative12_05, District 146 -- **58,683 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 140	14,590 (24.86%)	3,940 (24.57%)	10,859 (25.09%)	2,764 (24.23%)
Dist. 146	14,845 (25.30%)	3,315 (20.67%)	10,457 (24.16%)	2,288 (20.06%)
Dist. 148	29,248 (49.84%)	8,780 (54.76%)	21,964 (50.75%)	6,353 (55.70%)
Total and % Population		16,035 (27.32%)	43,280 (73.75%)	11,405 (19.43%)

Plan: APA_Cooper_Hse_illustrative12_05, District 147 -- **58,678 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 130	7,249 (12.35%)	1,802 (10.51%)	5,736 (12.77%)	1,330 (10.49%)
Dist. 139	13,661 (23.28%)	6,179 (36.04%)	10,678 (23.78%)	4,792 (37.79%)
Dist. 140	37,768 (64.36%)	9,166 (53.46%)	28,491 (63.45%)	6,558 (51.72%)
Total and % Population		17,147 (29.22%)	44,905 (76.53%)	12,680 (21.61%)

Plan: APA_Cooper_Hse_illustrative12_05, District 148 -- **58,934 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 148	31,013 (52.62%)	12,787 (55.44%)	24,420 (52.78%)	9,446 (54.61%)
Dist. 149	2,991 (5.08%)	921 (3.99%)	2,306 (4.98%)	692 (4.00%)
Dist. 155	24,930 (42.30%)	9,355 (40.56%)	19,545 (42.24%)	7,159 (41.39%)
Total and % Population		23,063 (39.13%)	46,271 (78.51%)	17,297 (29.35%)

Plan: APA_Cooper_Hse_illustrative12_05, District 149 -- **58,639 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 140	827 (1.41%)	179 (0.84%)	671 (1.49%)	128 (0.86%)
Dist. 146	15,970 (27.23%)	5,207 (24.56%)	12,244 (27.16%)	3,696 (24.80%)
Dist. 147	41,842 (71.36%)	15,812 (74.59%)	32,171 (71.35%)	11,078 (74.34%)
Total and % Population		21,198 (36.15%)	45,086 (76.89%)	14,902 (25.41%)

Core Constituencies

Plan: APA_Cooper_Hse_illustrative12_05, District 150 -- **59,276 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 138	7,152 (12.07%)	4,489 (13.83%)	5,300 (11.26%)	3,129 (12.42%)
Dist. 139	44,994 (75.91%)	25,227 (77.71%)	36,147 (76.83%)	20,024 (79.45%)
Dist. 152	7,130 (12.03%)	2,748 (8.46%)	5,603 (11.91%)	2,049 (8.13%)
Total and % Population		32,464 (54.77%)	47,050 (79.37%)	25,202 (42.52%)

Plan: APA_Cooper_Hse_illustrative12_05, District 151 -- **59,241 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 138	26,958 (45.51%)	9,894 (53.04%)	20,769 (46.09%)	7,368 (53.49%)
Dist. 151	1,671 (2.82%)	783 (4.20%)	1,347 (2.99%)	616 (4.47%)
Dist. 152	30,612 (51.67%)	7,978 (42.77%)	22,945 (50.92%)	5,790 (42.04%)
Total and % Population		18,655 (31.49%)	45,061 (76.06%)	13,774 (23.25%)

Plan: APA_Cooper_Hse_illustrative12_05, District 152 -- **60,076 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 152	22,641 (37.69%)	6,385 (40.80%)	17,541 (38.12%)	4,652 (41.22%)
Dist. 155	10,904 (18.15%)	1,891 (12.08%)	8,522 (18.52%)	1,378 (12.21%)
Dist. 170	5,710 (9.50%)	1,399 (8.94%)	4,524 (9.83%)	1,056 (9.36%)
Dist. 172	20,821 (34.66%)	5,974 (38.17%)	15,424 (33.52%)	4,200 (37.21%)
Total and % Population		15,649 (26.05%)	46,011 (76.59%)	11,286 (18.79%)

Plan: APA_Cooper_Hse_illustrative12_05, District 153 -- **59,038 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 151	58,570 (99.21%)	35,394 (98.73%)	46,256 (99.17%)	26,345 (98.58%)
Dist. 154	468 (0.79%)	457 (1.27%)	385 (0.83%)	379 (1.42%)
Total and % Population		35,851 (60.73%)	46,641 (79.00%)	26,724 (45.27%)

Plan: APA_Cooper_Hse_illustrative12_05, District 154 -- **59,504 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 154	59,504 (100.00%)	37,421 (100.00%)	46,571 (100.00%)	28,233 (100.00%)
Total and % Population		37,421 (62.89%)	46,571 (78.27%)	28,233 (47.45%)

Plan: APA_Cooper_Hse_illustrative12_05, District 155 -- **60,014 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 128	2,908 (4.85%)	1,386 (8.74%)	2,230 (4.78%)	1,024 (8.67%)
Dist. 146	12,583 (20.97%)	2,951 (18.61%)	9,613 (20.59%)	2,036 (17.25%)
Dist. 149	40,012 (66.67%)	10,672 (67.31%)	31,426 (67.30%)	8,130 (68.86%)
Dist. 158	4,511 (7.52%)	847 (5.34%)	3,429 (7.34%)	616 (5.22%)
Total and % Population		15,856 (26.42%)	46,698 (77.81%)	11,806 (19.67%)

Plan: APA_Cooper_Hse_illustrative12_05, District 156 -- **59,003 Total Population**

Core Constituencies

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 149	9,486 (16.08%)	3,833 (20.69%)	7,884 (17.11%)	3,114 (22.23%)
Dist. 156	35,640 (60.40%)	9,626 (51.97%)	27,053 (58.70%)	6,817 (48.67%)
Dist. 158	13,877 (23.52%)	5,063 (27.34%)	11,151 (24.20%)	4,075 (29.09%)
Total and % Population		18,522 (31.39%)	46,088 (78.11%)	14,006 (23.74%)

Plan: APA_Cooper_Hse_illustrative12_05, District 157 -- **60,358 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 149	7,904 (13.10%)	1,852 (13.16%)	5,890 (12.86%)	1,327 (12.71%)
Dist. 156	23,898 (39.59%)	5,512 (39.17%)	18,332 (40.04%)	4,369 (41.84%)
Dist. 157	18,190 (30.14%)	5,308 (37.72%)	13,737 (30.00%)	3,831 (36.69%)
Dist. 178	10,366 (17.17%)	1,401 (9.96%)	7,830 (17.10%)	914 (8.75%)
Total and % Population		14,073 (23.32%)	45,789 (75.86%)	10,441 (17.30%)

Plan: APA_Cooper_Hse_illustrative12_05, District 158 -- **59,859 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 158	34,998 (58.47%)	10,990 (54.42%)	27,052 (58.48%)	8,046 (54.07%)
Dist. 159	21,642 (36.15%)	8,405 (41.62%)	16,790 (36.29%)	6,268 (42.12%)
Dist. 160	3,219 (5.38%)	801 (3.97%)	2,419 (5.23%)	566 (3.80%)
Total and % Population		20,196 (33.74%)	46,261 (77.28%)	14,880 (24.86%)

Plan: APA_Cooper_Hse_illustrative12_05, District 159 -- **60,346 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 159	34,375 (56.96%)	7,680 (52.58%)	25,811 (57.03%)	5,613 (53.93%)
Dist. 160	16,651 (27.59%)	6,174 (42.27%)	12,544 (27.72%)	4,283 (41.15%)
Dist. 161	9,320 (15.44%)	753 (5.16%)	6,904 (15.25%)	512 (4.92%)
Total and % Population		14,607 (24.21%)	45,259 (75.00%)	10,408 (17.25%)

Plan: APA_Cooper_Hse_illustrative12_05, District 160 -- **59,935 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 158	2,073 (3.46%)	256 (1.81%)	1,607 (3.34%)	155 (1.43%)
Dist. 160	40,506 (67.58%)	11,295 (79.71%)	33,312 (69.32%)	8,837 (81.38%)
Dist. 164	17,356 (28.96%)	2,619 (18.48%)	13,138 (27.34%)	1,867 (17.19%)
Total and % Population		14,170 (23.64%)	48,057 (80.18%)	10,859 (18.12%)

Plan: APA_Cooper_Hse_illustrative12_05, District 161 -- **60,097 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 159	959 (1.60%)	379 (2.18%)	751 (1.69%)	303 (2.52%)
Dist. 161	36,204 (60.24%)	6,467 (37.27%)	26,121 (58.87%)	4,257 (35.35%)
Dist. 162	22,934 (38.16%)	10,504 (60.54%)	17,499 (39.44%)	7,482 (62.13%)
Total and % Population		17,350 (28.87%)	44,371 (73.83%)	12,042 (20.04%)

Plan: APA_Cooper_Hse_illustrative12_05, District 162 -- **60,308 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]

Core Constituencies

Dist. 163	35,249 (58.45%)	17,313 (61.52%)	27,140 (58.07%)	12,568 (61.50%)
Dist. 164	17,574 (29.14%)	8,106 (28.80%)	13,437 (28.75%)	5,825 (28.51%)
Dist. 166	7,485 (12.41%)	2,723 (9.68%)	6,156 (13.17%)	2,042 (9.99%)
Total and % Population		28,142 (46.66%)	46,733 (77.49%)	20,435 (33.88%)

Plan: APA_Cooper_Hse_illustrative12_05, District 163 -- **60,123 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 162	23,717 (39.45%)	15,021 (51.62%)	18,407 (37.98%)	11,300 (51.26%)
Dist. 163	24,213 (40.27%)	10,818 (37.18%)	19,784 (40.82%)	8,321 (37.75%)
Dist. 165	11,262 (18.73%)	2,886 (9.92%)	9,524 (19.65%)	2,144 (9.73%)
Dist. 166	931 (1.55%)	374 (1.29%)	746 (1.54%)	280 (1.27%)
Total and % Population		29,099 (48.40%)	48,461 (80.60%)	22,045 (36.67%)

Plan: APA_Cooper_Hse_illustrative12_05, District 164 -- **60,245 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 157	18,834 (31.26%)	3,749 (24.88%)	13,158 (28.63%)	2,396 (22.27%)
Dist. 161	13,254 (22.00%)	3,328 (22.09%)	10,552 (22.96%)	2,440 (22.68%)
Dist. 164	24,114 (40.03%)	6,734 (44.69%)	19,028 (41.40%)	4,933 (45.85%)
Dist. 166	4,043 (6.71%)	1,258 (8.35%)	3,226 (7.02%)	991 (9.21%)
Total and % Population		15,069 (25.01%)	45,964 (76.30%)	10,760 (17.86%)

Plan: APA_Cooper_Hse_illustrative12_05, District 165 -- **59,978 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 162	12,161 (20.28%)	6,582 (20.01%)	10,118 (20.97%)	4,730 (19.48%)
Dist. 163	332 (0.55%)	90 (0.27%)	271 (0.56%)	76 (0.31%)
Dist. 165	47,485 (79.17%)	26,225 (79.72%)	37,858 (78.47%)	19,476 (80.21%)
Total and % Population		32,897 (54.85%)	48,247 (80.44%)	24,282 (40.48%)

Plan: APA_Cooper_Hse_illustrative12_05, District 166 -- **60,098 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 157	12,166 (20.24%)	1,207 (33.11%)	8,284 (17.45%)	814 (30.17%)
Dist. 166	47,932 (79.76%)	2,438 (66.89%)	39,183 (82.55%)	1,884 (69.83%)
Total and % Population		3,645 (6.07%)	47,467 (78.98%)	2,698 (4.49%)

Plan: APA_Cooper_Hse_illustrative12_05, District 167 -- **60,184 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 157	4,063 (6.75%)	745 (4.65%)	3,196 (6.95%)	504 (4.34%)
Dist. 167	44,354 (73.70%)	10,847 (67.73%)	33,589 (73.07%)	7,652 (65.83%)
Dist. 168	7,394 (12.29%)	3,714 (23.19%)	5,856 (12.74%)	2,919 (25.11%)
Dist. 179	4,373 (7.27%)	709 (4.43%)	3,330 (7.24%)	549 (4.72%)
Total and % Population		16,015 (26.61%)	45,971 (76.38%)	11,624 (19.31%)

Plan: APA_Cooper_Hse_illustrative12_05, District 168 -- **60,280 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 156	772 (1.28%)	100 (0.35%)	581 (1.33%)	75 (0.39%)

Core Constituencies

Dist. 157	7,132 (11.83%)	1,893 (6.68%)	5,504 (12.58%)	1,366 (7.03%)
Dist. 168	52,376 (86.89%)	26,365 (92.97%)	37,683 (86.10%)	17,983 (92.58%)
Total and % Population		28,358 (47.04%)	43,768 (72.61%)	19,424 (32.22%)

Plan: APA_Cooper_Hse_illustrative12_05, District 169 -- **59,999 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 155	24,465 (40.78%)	7,007 (39.42%)	18,888 (41.12%)	5,088 (39.17%)
Dist. 170	5,393 (8.99%)	398 (2.24%)	4,205 (9.15%)	308 (2.37%)
Dist. 176	30,141 (50.24%)	10,368 (58.34%)	22,843 (49.73%)	7,595 (58.46%)
Total and % Population		17,773 (29.62%)	45,936 (76.56%)	12,991 (21.65%)

Plan: APA_Cooper_Hse_illustrative12_05, District 170 -- **59,885 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 170	48,320 (80.69%)	10,741 (61.22%)	36,362 (81.47%)	7,478 (61.07%)
Dist. 172	11,565 (19.31%)	6,803 (38.78%)	8,270 (18.53%)	4,767 (38.93%)
Total and % Population		17,544 (29.30%)	44,632 (74.53%)	12,245 (20.45%)

Plan: APA_Cooper_Hse_illustrative12_05, District 171 -- **60,331 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 153	60,183 (99.75%)	36,077 (99.69%)	46,024 (99.79%)	26,708 (99.74%)
Dist. 154	148 (0.25%)	114 (0.31%)	97 (0.21%)	70 (0.26%)
Dist. 173	0 (0.00%)	0 (0.00%)	(0.00%)	(0.00%)
Total and % Population		36,191 (59.99%)	46,121 (76.45%)	26,778 (44.39%)

Plan: APA_Cooper_Hse_illustrative12_05, District 172 -- **59,572 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 153	132 (0.22%)	38 (0.29%)	109 (0.24%)	29 (0.30%)
Dist. 171	2,547 (4.28%)	656 (4.92%)	1,897 (4.17%)	460 (4.77%)
Dist. 172	26,729 (44.87%)	4,732 (35.51%)	20,087 (44.15%)	3,310 (34.33%)
Dist. 173	30,164 (50.63%)	7,899 (59.28%)	23,407 (51.44%)	5,844 (60.60%)
Total and % Population		13,325 (22.37%)	45,500 (76.38%)	9,643 (16.19%)

Plan: APA_Cooper_Hse_illustrative12_05, District 173 -- **60,035 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 171	57,834 (96.33%)	21,843 (97.67%)	44,297 (96.11%)	15,974 (97.45%)
Dist. 173	2,201 (3.67%)	520 (2.33%)	1,794 (3.89%)	418 (2.55%)
Total and % Population		22,363 (37.25%)	46,091 (76.77%)	16,392 (27.30%)

Plan: APA_Cooper_Hse_illustrative12_05, District 174 -- **59,852 Total Population**

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 174	44,771 (74.80%)	9,457 (83.99%)	34,353 (75.07%)	6,659 (83.76%)
Dist. 175	13,467 (22.50%)	1,679 (14.91%)	10,181 (22.25%)	1,207 (15.18%)
Dist. 180	1,614 (2.70%)	124 (1.10%)	1,226 (2.68%)	84 (1.06%)
Total and % Population		11,260 (18.81%)	45,760 (76.46%)	7,950 (13.28%)

Core Constituencies

Plan: APA_Cooper_Hse_illustrative12_05, District 175 -- 59,993 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 173	24,209 (40.35%)	7,563 (49.32%)	18,492 (41.37%)	5,449 (50.43%)
Dist. 175	26,969 (44.95%)	6,041 (39.40%)	19,649 (43.95%)	4,166 (38.56%)
Dist. 177	8,815 (14.69%)	1,729 (11.28%)	6,563 (14.68%)	1,190 (11.01%)
Total and % Population		15,333 (25.56%)	44,704 (74.52%)	10,805 (18.01%)

Plan: APA_Cooper_Hse_illustrative12_05, District 176 -- 59,470 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 174	14,798 (24.88%)	4,835 (34.46%)	11,211 (24.92%)	3,374 (33.06%)
Dist. 175	14,674 (24.67%)	3,756 (26.77%)	10,914 (24.26%)	2,658 (26.04%)
Dist. 176	29,998 (50.44%)	5,440 (38.77%)	22,866 (50.82%)	4,174 (40.90%)
Total and % Population		14,031 (23.59%)	44,991 (75.65%)	10,206 (17.16%)

Plan: APA_Cooper_Hse_illustrative12_05, District 177 -- 59,992 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 173	3,703 (6.17%)	1,519 (4.40%)	2,896 (6.29%)	1,128 (4.55%)
Dist. 175	5,216 (8.69%)	1,908 (5.53%)	4,188 (9.10%)	1,378 (5.56%)
Dist. 177	51,073 (85.13%)	31,083 (90.07%)	38,930 (84.60%)	22,287 (89.89%)
Total and % Population		34,510 (57.52%)	46,014 (76.70%)	24,793 (41.33%)

Plan: APA_Cooper_Hse_illustrative12_05, District 178 -- 59,297 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 167	9,402 (15.86%)	1,332 (13.21%)	7,006 (15.58%)	870 (12.22%)
Dist. 178	49,895 (84.14%)	8,755 (86.79%)	37,950 (84.42%)	6,250 (87.78%)
Total and % Population		10,087 (17.01%)	44,956 (75.81%)	7,120 (12.01%)

Plan: APA_Cooper_Hse_illustrative12_05, District 179 -- 59,974 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 167	5,711 (9.52%)	1,367 (7.55%)	4,306 (9.04%)	863 (6.75%)
Dist. 179	54,263 (90.48%)	16,734 (92.45%)	43,321 (90.96%)	11,920 (93.25%)
Total and % Population		18,101 (30.18%)	47,627 (79.41%)	12,783 (21.31%)

Plan: APA_Cooper_Hse_illustrative12_05, District 180 -- 59,412 Total Population

	Population	AP_Blk	[18+_Pop]	[18+_AP_Blk]
Dist. 179	866 (1.46%)	10 (0.09%)	817 (1.80%)	7 (0.08%)
Dist. 180	58,546 (98.54%)	11,711 (99.91%)	44,545 (98.20%)	8,254 (99.92%)
Total and % Population		11,721 (19.73%)	45,362 (76.35%)	8,261 (13.90%)

EXHIBIT 15

User:
Plan Name: **APA_Cooper_ se_illustrative12_05**
Plan Type:

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APA_Cooper_Hse_illustrative12_05

From Plan: **ouse**

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 001	59,666 100 00	3,034 100 00	46,801 100 00	1,966 100 00	46,801 100 00
Total and Population		3,034 5 08	46,801 78 44	1,966 3 30	46,801 78 44

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 002	53,563 90 17	1,843 87 14	41,511 89 87	1,275 86 85	41,511 89 87
Dist 004	1,000 1 68	99 4 68	790 1 71	64 4 36	790 1 71
Dist 012	4,842 8 15	173 8 18	3,891 8 42	129 8 79	3,891 8 42
Total and Population		2,115 3 56	46,192 77 76	1,468 2 47	46,192 77 76

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 003	60,199 100 00	2,463 100 00	46,716 100 00	1,565 100 00	46,716 100 00
Total and Population		2,463 4 09	46,716 77 60	1,565 2 60	46,716 77 60

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 002	6,210 10 33	330 9 75	4,648 10 67	181 7 82	4,648 10 67
Dist 004	44,404 73 85	2,684 79 27	31,832 73 09	1,886 81 47	31,832 73 09
Dist 006	9,511 15 82	372 10 99	7,072 16 24	248 10 71	7,072 16 24
Total and Population		3,386 5 63	43,552 72 44	2,315 3 85	43,552 72 44

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 004	1,417 2 40	28 0 95	1,077 2 42	10 0 51	1,077 2 42
Dist 005	53,738 91 14	2,869 97 35	40,575 91 02	1,915 98 26	40,575 91 02
Dist 006	3,806 6 46	50 1 70	2,925 6 56	24 1 23	2,925 6 56
Total and Population		2,947 5 00	44,577 75 60	1,949 3 31	44,577 75 60

P an P oo er se i ustrative District Tota Po u ation

ore onstituencies

	Po u ation	P	Po	P	Po
Dist 004	12,249 20 89	453 39 19	9,099 20 56	343 45 55	9,099 20 56
Dist 006	46,395 79 11	703 60 81	35,155 79 44	410 54 45	35,155 79 44
Total and Population		1,156 1 97	44,254 75 46	753 1 28	44,254 75 46

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 007	25,319 43 05	199 22 51	21,188 43 35	133 20 78	21,188 43 35
Dist 009	29,201 49 66	600 67 87	24,397 49 92	458 71 56	24,397 49 92
Dist 027	4,287 7 29	85 9 62	3,292 6 74	49 7 66	3,292 6 74
Total and Population		884 1 50	48,877 83 11	640 1 09	48,877 83 11

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 008	37,125 62 95	396 56 25	31,731 63 87	284 58 92	31,731 63 87
Dist 010	21,847 37 05	308 43 75	17,951 36 13	198 41 08	17,951 36 13
Total and Population		704 1 19	49,682 84 25	482 0 82	49,682 84 25

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 007	33,762 56 97	314 44 10	27,583 57 74	169 39 95	27,583 57 74
Dist 009	24,389 41 16	374 52 53	19,275 40 35	241 56 97	19,275 40 35
Dist 027	1,109 1 87	24 3 37	909 1 90	13 3 07	909 1 90
Total and Population		712 1 20	47,767 80 61	423 0 71	47,767 80 61

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 008	22,119 37 03	629 26 73	17,881 37 95	424 23 71	17,881 37 95
Dist 009	5,884 9 85	92 3 91	4,601 9 76	60 3 36	4,601 9 76
Dist 010	31,729 53 12	1,632 69 36	24,637 52 29	1,304 72 93	24,637 52 29
Total and Population		2,353 3 94	47,119 78 88	1,788 2 99	47,119 78 88

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 011	39,773 67 20	630 26 53	31,803 67 89	385 24 20	31,803 67 89
Dist 023	19,413 32 80	1,745 73 47	15,039 32 11	1,206 75 80	15,039 32 11
Total and Population		2,375 4 01	46,842 79 14	1,591 2 69	46,842 79 14

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 012	42,961 73 02	4,155 58 39	33,676 73 37	3,193 60 94	33,676 73 37
Dist 013	15,877 26 98	2,961 41 61	12,224 26 63	2,047 39 06	12,224 26 63
Total and Population		7,116 12 09	45,900 78 01	5,240 8 91	45,900 78 01

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 005	5,099 8 52	213 1 90	4,048 8 82	136 1 72	4,048 8 82
Dist 012	11,497 19 20	1,718 15 36	8,920 19 43	1,176 14 83	8,920 19 43
Dist 013	43,273 72 28	9,251 82 73	32,952 71 76	6,618 83 46	32,952 71 76
Total and Population		11,182 18 68	45,920 76 70	7,930 13 25	45,920 76 70

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 014	59,095 99 54	4,334 99 59	45,486 99 51	3,116 99 74	45,486 99 51
Dist 015	274 0 46	18 0 41	224 0 49	8 0 26	224 0 49
Total and Population		4,352 7 33	45,710 76 99	3,124 5 26	45,710 76 99

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 014	40 0 07	4 0 04	25 0 05	1 0 02	25 0 05
Dist 015	58,939 99 93	9,334 99 96	45,567 99 95	6,492 99 98	45,567 99 95
Total and Population		9,338 15 83	45,592 77 30	6,493 11 01	45,592 77 30

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 016	51,245 85 82	6,458 82 92	38,395 86 10	4,416 82 73	38,395 86 10
Dist 017	6,748 11 30	1,026 13 17	4,973 11 15	708 13 26	4,973 11 15
Dist 018	1,720 2 88	304 3 90	1,226 2 75	214 4 01	1,226 2 75
Total and Population		7,788 13 04	44,594 74 68	5,338 8 94	44,594 74 68

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 016	5 0 01	2 0 01	2 0 00	0 00	2 0 00
Dist 017	25,558 43 56	7,569 40 90	18,880 43 15	5,054 40 06	18,880 43 15
Dist 019	33,114 56 43	10,936 59 09	24,868 56 84	7,561 59 94	24,868 56 84
Total and Population		18,507 31 54	43,750 74 56	12,615 21 50	43,750 74 56

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 017	517 0 88	45 0 94	388 0 86	38 1 13	388 0 86
Dist 018	52,154 88 58	4,109 85 66	39,697 88 44	2,886 85 54	39,697 88 44
Dist 019	1,240 2 11	140 2 92	971 2 16	92 2 73	971 2 16
Dist 072	4,970 8 44	503 10 49	3,831 8 53	358 10 61	3,831 8 53
Total and Population		4,797 8 15	44,887 76 23	3,374 5 73	44,887 76 23

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po

Dist 016	8,152 13 81	1,121 9 55	5,612 13 18	730 9 34	5,612 13 18
Dist 017	26,297 44 53	6,143 52 33	18,520 43 48	4,043 51 72	18,520 43 48
Dist 019	24,601 41 66	4,474 38 12	18,460 43 34	3,044 38 94	18,460 43 34
Total and Population		11,738 19 88	42,592 72 13	7,817 13 24	42,592 72 13

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 020	60,107 100 00	5,973 100 00	45,725 100 00	4,230 100 00	45,725 100 00
Total and Population		5,973 9 94	45,725 76 07	4,230 7 04	45,725 76 07

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 021	56,329 95 62	3,289 94 98	42,454 95 49	2,236 94 23	42,454 95 49
Dist 023	2,578 4 38	174 5 02	2,005 4 51	137 5 77	2,005 4 51
Total and Population		3,463 5 88	44,459 75 47	2,373 4 03	44,459 75 47

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 022	59,460 100 00	9,890 100 00	45,815 100 00	6,918 100 00	45,815 100 00
Total and Population		9,890 16 63	45,815 77 05	6,918 11 63	45,815 77 05

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 011	16,455 27 53	582 18 78	11,784 26 92	351 17 61	11,784 26 92
Dist 021	2,732 4 57	54 1 74	2,092 4 78	29 1 46	2,092 4 78
Dist 023	37,057 62 00	2,331 75 22	27,210 62 15	1,535 77 02	27,210 62 15
Dist 024	1,335 2 23	57 1 84	1,030 2 35	39 1 96	1,030 2 35
Dist 028	1,654 2 77	63 2 03	1,238 2 83	31 1 56	1,238 2 83
Dist 047	538 0 90	12 0 39	424 0 97	8 0 40	424 0 97
Total and Population		3,099 5 18	43,778 73 24	1,993 3 33	43,778 73 24

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 024	50,859 85 40	3,976 89 23	35,812 85 05	2,706 89 54	35,812 85 05
Dist 025	0 0 00	0 0 00	0 00	0 00	0 00
Dist 026	8,695 14 60	480 10 77	6,295 14 95	316 10 46	6,295 14 95
Total and Population		4,456 7 48	42,107 70 70	3,022 5 07	42,107 70 70

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 025	59,414 100 00	3,606 100 00	42,520 100 00	2,507 100 00	42,520 100 00
Total and Population		3,606 6 07	42,520 71 57	2,507 4 22	42,520 71 57

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 024	2,829 4 79	129 5 00	1,943 4 43	77 4 47	1,943 4 43
Dist 026	47,082 79 80	2,016 78 17	35,255 80 36	1,363 79 11	35,255 80 36
Dist 028	5,920 10 03	312 12 10	4,618 10 53	200 11 61	4,618 10 53
Dist 100	3,171 5 37	122 4 73	2,058 4 69	83 4 82	2,058 4 69
Total and Population		2,579 4 37	43,874 74 36	1,723 2 92	43,874 74 36

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 027	40,079 68 27	1,348 39 98	31,522 70 08	881 37 47	31,522 70 08
Dist 029	6,787 11 56	828 24 56	5,369 11 94	602 25 61	5,369 11 94
Dist 031	11,844 20 17	1,196 35 47	8,087 17 98	868 36 92	8,087 17 98
Total and Population		3,372 5 74	44,978 76 61	2,351 4 00	44,978 76 61

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 011	2,564 4 34	168 6 28	1,809 4 12	103 5 94	1,809 4 12
Dist 024	3,988 6 76	151 5 64	3,029 6 89	104 6 00	3,029 6 89
Dist 026	1,479 2 51	71 2 65	1,104 2 51	41 2 37	1,104 2 51
Dist 027	3,386 5 74	86 3 21	2,629 5 98	57 3 29	2,629 5 98
Dist 028	47,595 80 65	2,199 82 21	35,371 80 49	1,428 82 40	35,371 80 49
Total and Population		2,675 4 53	43,942 74 46	1,733 2 94	43,942 74 46

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 027	2,799 4 74	658 8 15	2,154 4 99	431 7 46	2,154 4 99
Dist 028	3,803 6 44	112 1 39	3,217 7 46	88 1 52	3,217 7 46
Dist 029	52,413 88 81	7,304 90 46	37,762 87 55	5,259 91 02	37,762 87 55
Total and Population		8,074 13 68	43,133 73 09	5,778 9 79	43,133 73 09

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 030	59,266 100 00	5,186 100 00	45,414 100 00	3,678 100 00	45,414 100 00
Total and Population		5,186 8 75	45,414 76 63	3,678 6 21	45,414 76 63

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 027	1,826 3 06	68 1 40	1,398 3 19	53 1 59	1,398 3 19
Dist 031	44,550 74 56	3,347 69 11	32,281 73 75	2,231 67 10	32,281 73 75
Dist 032	9,166 15 34	952 19 66	7,034 16 07	707 21 26	7,034 16 07
Dist 119	4,211 7 05	476 9 83	3,056 6 98	334 10 05	3,056 6 98
Total and Population		4,843 8 11	43,769 73 25	3,325 5 56	43,769 73 25

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 010	5,943 9 99	347 7 12	4,576 9 90	255 7 62	4,576 9 90
Dist 027	5,309 8 93	320 6 57	4,100 8 87	214 6 39	4,100 8 87
Dist 032	48,214 81 08	4,204 86 31	37,544 81 23	2,879 85 99	37,544 81 23
Total and Population		4,871 8 19	46,220 77 73	3,348 5 63	46,220 77 73

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 033	59,187 100 00	7,322 100 00	46,498 100 00	5,207 100 00	46,498 100 00
Total and Population		7,322 12 37	46,498 78 56	5,207 8 80	46,498 78 56

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 034	59,875 100 00	10,102 100 00	45,758 100 00	7,169 100 00	45,758 100 00
Total and Population		10,102 16 87	45,758 76 42	7,169 11 97	45,758 76 42

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 035	59,889 99 76	18,210 99 91	48,312 99 74	13,722 99 91	48,312 99 74
Dist 036	142 0 24	16 0 09	124 0 26	13 0 09	124 0 26
Total and Population		18,226 30 36	48,436 80 68	13,735 22 88	48,436 80 68

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 036	59,852 100 00	11,039 100 00	44,787 100 00	7,613 100 00	44,787 100 00
Total and Population		11,039 18 44	44,787 74 83	7,613 12 72	44,787 74 83

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 037	59,176 100 00	17,171 100 00	46,223 100 00	13,027 100 00	46,223 100 00
Total and Population		17,171 29 02	46,223 78 11	13,027 22 01	46,223 78 11

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 038	59,317 100 00	33,760 100 00	44,839 100 00	24,318 100 00	44,839 100 00
Total and Population		33,760 56 91	44,839 75 59	24,318 41 00	44,839 75 59

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 039	59,381 100 00	33,016 100 00	44,436 100 00	24,569 100 00	44,436 100 00
Total and Population		33,016 55 60	44,436 74 83	24,569 41 38	44,436 74 83

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 040	59,044 100 00	20,179 100 00	47,976 100 00	15,821 100 00	47,976 100 00
Total and Population		20,179 34 18	47,976 81 25	15,821 26 80	47,976 81 25

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 041	60,122 100 00	23,846 100 00	45,271 100 00	17,816 100 00	45,271 100 00
Total and Population		23,846 39 66	45,271 75 30	17,816 29 63	45,271 75 30

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 042	59,620 100 00	20,726 100 00	48,525 100 00	16,353 100 00	48,525 100 00
Total and Population		20,726 34 76	48,525 81 39	16,353 27 43	48,525 81 39

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 043	59,464 100 00	16,346 100 00	47,033 100 00	12,476 100 00	47,033 100 00
Total and Population		16,346 27 49	47,033 79 09	12,476 20 98	47,033 79 09

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 044	60,002 100 00	7,990 100 00	46,773 100 00	5,635 100 00	46,773 100 00
Total and Population		7,990 13 32	46,773 77 95	5,635 9 39	46,773 77 95

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 045	59,738 100 00	3,303 100 00	44,023 100 00	2,324 100 00	44,023 100 00
Total and Population		3,303 5 53	44,023 73 69	2,324 3 89	44,023 73 69

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po

Dist 046	59,108 100 00	5,077 100 00	44,132 100 00	3,560 100 00	44,132 100 00
Total and Population		5,077 8 59	44,132 74 66	3,560 6 02	44,132 74 66

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 021	468 0 79	7 0 11	385 0 88	7 0 15	385 0 88
Dist 047	58,588 99 21	6,578 99 89	43,508 99 12	4,701 99 85	43,508 99 12
Total and Population		6,585 11 15	43,893 74 32	4,708 7 97	43,893 74 32

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 048	59,003 100 00	7,216 100 00	44,779 100 00	5,279 100 00	44,779 100 00
Total and Population		7,216 12 23	44,779 75 89	5,279 8 95	44,779 75 89

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 049	59,153 100 00	5,234 100 00	45,263 100 00	3,813 100 00	45,263 100 00
Total and Population		5,234 8 85	45,263 76 52	3,813 6 45	45,263 76 52

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 050	59,523 100 00	7,763 100 00	43,940 100 00	5,450 100 00	43,940 100 00
Total and Population		7,763 13 04	43,940 73 82	5,450 9 16	43,940 73 82

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 051	58,952 100 00	14,766 100 00	47,262 100 00	11,193 100 00	47,262 100 00
Total and Population		14,766 25 05	47,262 80 17	11,193 18 99	47,262 80 17

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 052	59,811 100 00	9,461 100 00	48,525 100 00	7,758 100 00	48,525 100 00
Total and Population		9,461 15 82	48,525 81 13	7,758 12 97	48,525 81 13

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 053	59,953 100 00	8,685 100 00	46,944 100 00	6,819 100 00	46,944 100 00
Total and Population		8,685 14 49	46,944 78 30	6,819 11 37	46,944 78 30

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 054	60,083 100 00	9,048 100 00	50,338 100 00	7,789 100 00	50,338 100 00
Total and Population		9,048 15 06	50,338 83 78	7,789 12 96	50,338 83 78

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 055	59,971 100 00	34,374 100 00	49,255 100 00	27,279 100 00	49,255 100 00
Total and Population		34,374 57 32	49,255 82 13	27,279 45 49	49,255 82 13

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 056	58,929 100 00	29,016 100 00	52,757 100 00	23,993 100 00	52,757 100 00
Total and Population		29,016 49 24	52,757 89 53	23,993 40 72	52,757 89 53

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 057	59,969 100 00	10,691 100 00	52,097 100 00	9,411 100 00	52,097 100 00
Total and Population		10,691 17 83	52,097 86 87	9,411 15 69	52,097 86 87

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 058	59,057 100 00	39,036 100 00	50,514 100 00	31,845 100 00	50,514 100 00
Total and Population		39,036 66 10	50,514 85 53	31,845 53 92	50,514 85 53

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 059	59,434 100 00	43,468 100 00	49,179 100 00	34,470 100 00	49,179 100 00
Total and Population		43,468 73 14	49,179 82 75	34,470 58 00	49,179 82 75

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 060	59,709 100 00	38,562 100 00	45,490 100 00	29,061 100 00	45,490 100 00
Total and Population		38,562 64 58	45,490 76 19	29,061 48 67	45,490 76 19

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 061	59,302 100 00	44,535 100 00	45,447 100 00	33,762 100 00	45,447 100 00
Total and Population		44,535 75 10	45,447 76 64	33,762 56 93	45,447 76 64

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 062	59,450 100 00	43,732 100 00	46,426 100 00	33,548 100 00	46,426 100 00
Total and Population		43,732 73 56	46,426 78 09	33,548 56 43	46,426 78 09

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 063	59,381 100 00	42,146 100 00	45,043 100 00	31,229 100 00	45,043 100 00
Total and Population		42,146 70 98	45,043 75 85	31,229 52 59	45,043 75 85

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 018	916 1 53	91 0 47	699 1 56	63 0 46	699 1 56
Dist 064	58,986 98 47	19,200 99 53	44,189 98 44	13,577 99 54	44,189 98 44
Total and Population		19,291 32 20	44,888 74 94	13,640 22 77	44,888 74 94

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 065	59,464 100 00	37,702 100 00	44,386 100 00	27,511 100 00	44,386 100 00
Total and Population		37,702 63 40	44,386 74 64	27,511 46 26	44,386 74 64

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 066	59,047 100 00	33,210 100 00	44,278 100 00	23,647 100 00	44,278 100 00
Total and Population		33,210 56 24	44,278 74 99	23,647 40 05	44,278 74 99

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 067	59,135 100 00	35,438 100 00	44,299 100 00	26,099 100 00	44,299 100 00
Total and Population		35,438 59 93	44,299 74 91	26,099 44 13	44,299 74 91

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 068	59,477 100 00	34,189 100 00	44,835 100 00	24,994 100 00	44,835 100 00

Total and Population	34,189 57 48	44,835 75 38	24,994 42 02	44,835 75 38	

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 069	48,278 79 93	32,843 96 65	37,363 80 36	24,754 96 85	37,363 80 36
Dist 073	10,473 17 34	1,078 3 17	7,856 16 90	777 3 04	7,856 16 90
Dist 074	1,646 2 73	59 0 17	1,277 2 75	29 0 11	1,277 2 75
Total and Population		33,980 56 26	46,496 76 98	25,560 42 32	46,496 76 98

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 070	59,121 100 00	17,750 100 00	45,249 100 00	12,591 100 00	45,249 100 00
Total and Population		17,750 30 02	45,249 76 54	12,591 21 30	45,249 76 54

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 018	4,545 7 65	614 5 15	3,537 7 93	441 5 29	3,537 7 93
Dist 071	51,860 87 28	11,044 92 58	38,742 86 86	7,691 92 34	38,742 86 86
Dist 072	3,010 5 07	271 2 27	2,325 5 21	197 2 37	2,325 5 21
Total and Population		11,929 20 08	44,604 75 07	8,329 14 02	44,604 75 07

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 071	7,678 12 94	1,748 12 70	5,840 12 72	1,188 11 56	5,840 12 72
Dist 072	51,680 87 06	12,014 87 30	40,073 87 28	9,087 88 44	40,073 87 28
Total and Population		13,762 23 18	45,913 77 35	10,275 17 31	45,913 77 35

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 073	49,563 82 35	6,787 91 89	37,880 82 74	4,761 92 14	37,880 82 74
Dist 074	10,626 17 65	599 8 11	7,904 17 26	406 7 86	7,904 17 26
Total and Population		7,386 12 27	45,784 76 07	5,167 8 58	45,784 76 07

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 074	25,330 42 23	10,271 26 89	18,893 42 71	7,109 26 13	18,893 42 71
Dist 075	5,283 8 81	3,824 10 01	3,712 8 39	2,699 9 92	3,712 8 39
Dist 078	27,858 46 45	23,003 60 23	20,562 46 48	16,631 61 14	20,562 46 48
Dist 116	1,505 2 51	1,093 2 86	1,072 2 42	764 2 81	1,072 2 42
Total and Population		38,191 63 68	44,239 73 76	27,203 45 36	44,239 73 76

P an P oo er se i ustrative District Tota Po u ation

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	Po u ation	P	Po	P	Po
Dist 075	21,381 35 54	15,100 33 99	15,706 35 41	10,957 33 68	15,706 35 41
Dist 077	3,287 5 46	2,761 6 21	2,557 5 76	2,161 6 64	2,557 5 76
Dist 078	3,394 5 64	2,213 4 98	2,605 5 87	1,633 5 02	2,605 5 87
Dist 079	32,102 53 36	24,356 54 82	23,486 52 95	17,777 54 65	23,486 52 95
Total and Population		44,430 73 85	44,354 73 72	32,528 54 07	44,354 73 72

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 076	54,375 92 31	37,665 90 39	40,439 92 31	27,745 90 35	40,439 92 31
Dist 078	4,530 7 69	4,004 9 61	3,370 7 69	2,965 9 65	3,370 7 69
Total and Population		41,669 70 74	43,809 74 37	30,710 52 13	43,809 74 37

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 069	10,404 17 71	5,549 14 08	8,185 18 27	4,196 14 14	8,185 18 27
Dist 074	11,472 19 53	2,704 6 86	8,798 19 64	1,955 6 59	8,798 19 64
Dist 075	6,753 11 50	5,735 14 55	5,045 11 26	4,251 14 32	5,045 11 26
Dist 077	20,022 34 08	16,350 41 49	15,235 34 01	12,549 42 28	15,235 34 01
Dist 079	10,091 17 18	9,066 23 01	7,536 16 82	6,731 22 68	7,536 16 82
Total and Population		39,404 67 08	44,799 76 26	29,682 50 53	44,799 76 26

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 075	26,326 44 48	20,357 50 88	19,387 43 18	14,716 50 01	19,387 43 18
Dist 078	23,262 39 30	14,131 35 32	18,035 40 17	10,675 36 27	18,035 40 17
Dist 116	9,600 16 22	5,518 13 79	7,479 16 66	4,037 13 72	7,479 16 66
Total and Population		40,006 67 59	44,901 75 86	29,428 49 72	44,901 75 86

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 076	5,384 9 18	2,796 7 37	3,932 9 24	2,087 7 60	3,932 9 24
Dist 077	35,933 61 29	25,852 68 14	26,415 62 08	18,945 68 98	26,415 62 08
Dist 079	17,307 29 52	9,291 24 49	12,201 28 68	6,434 23 43	12,201 28 68
Total and Population		37,939 64 72	42,548 72 58	27,466 46 85	42,548 72 58

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 080	59,461 100 00	8,128 100 00	44,784 100 00	6,350 100 00	44,784 100 00
Total and Population		8,128 13 67	44,784 75 32	6,350 10 68	44,784 75 32

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po

Dist 081		59,007	100 00	12,487	100 00	46,259	100 00	10,099	100 00	46,259	100 00
Total and	Population			12,487	21 16	46,259	78 40	10,099	17 11	46,259	78 40

P an P oo er se i ustrative District Tota Po u ation

		Po u ation	P	Po	P	Po
Dist 082		59,724 100 00	9,763 100 00	50,238 100 00	8,455 100 00	50,238 100 00
Total and	Population		9,763 16 35	50,238 84 12	8,455 14 16	50,238 84 12

P an P oo er se i ustrative District Tota Po u ation

		Po u ation	P	Po	P	Po
Dist 083		59,416 100 00	8,327 100 00	46,581 100 00	7,044 100 00	46,581 100 00
Total and	Population		8,327 14 01	46,581 78 40	7,044 11 86	46,581 78 40

P an P oo er se i ustrative District Tota Po u ation

		Po u ation	P	Po	P	Po
Dist 084		59,862 100 00	43,909 100 00	47,350 100 00	34,877 100 00	47,350 100 00
Total and	Population		43,909 73 35	47,350 79 10	34,877 58 26	47,350 79 10

P an P oo er se i ustrative District Tota Po u ation

		Po u ation	P	Po	P	Po
Dist 085		59,373 100 00	37,650 100 00	46,308 100 00	29,041 100 00	46,308 100 00
Total and	Population		37,650 63 41	46,308 78 00	29,041 48 91	46,308 78 00

P an P oo er se i ustrative District Tota Po u ation

		Po u ation	P	Po	P	Po
Dist 086		59,205 100 00	44,458 100 00	44,614 100 00	33,485 100 00	44,614 100 00
Total and	Population		44,458 75 09	44,614 75 36	33,485 56 56	44,614 75 36

P an P oo er se i ustrative District Tota Po u ation

		Po u ation	P	Po	P	Po
Dist 087		59,709 100 00	44,195 100 00	45,615 100 00	33,336 100 00	45,615 100 00
Total and	Population		44,195 74 02	45,615 76 40	33,336 55 83	45,615 76 40

P an P oo er se i ustrative District Tota Po u ation

		Po u ation	P	Po	P	Po
Dist 088		59,689 100 00	38,515 100 00	46,073 100 00	29,187 100 00	46,073 100 00
Total and	Population		38,515 64 53	46,073 77 19	29,187 48 90	46,073 77 19

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 089	59,866 100 00	37,494 100 00	46,198 100 00	28,890 100 00	46,198 100 00
Total and Population		37,494 62 63	46,198 77 17	28,890 48 26	46,198 77 17

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 090	59,812 100 00	35,965 100 00	48,015 100 00	28,082 100 00	48,015 100 00
Total and Population		35,965 60 13	48,015 80 28	28,082 46 95	48,015 80 28

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 091	47,404 80 48	36,224 89 53	36,822 80 66	27,588 90 19	36,822 80 66
Dist 115	11,091 18 83	4,111 10 16	8,542 18 71	2,932 9 59	8,542 18 71
Dist 116	406 0 69	125 0 31	286 0 63	69 0 23	286 0 63
Total and Population		40,460 68 69	45,650 77 50	30,589 51 93	45,650 77 50

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 092	60,273 100 00	42,978 100 00	46,551 100 00	32,022 100 00	46,551 100 00
Total and Population		42,978 71 31	46,551 77 23	32,022 53 13	46,551 77 23

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 093	60,118 100 00	40,249 100 00	44,734 100 00	29,239 100 00	44,734 100 00
Total and Population		40,249 66 95	44,734 74 41	29,239 48 64	44,734 74 41

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 094	59,211 100 00	41,397 100 00	44,809 100 00	30,935 100 00	44,809 100 00
Total and Population		41,397 69 91	44,809 75 68	30,935 52 25	44,809 75 68

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 095	60,030 100 00	41,682 100 00	44,948 100 00	30,183 100 00	44,948 100 00
Total and Population		41,682 69 44	44,948 74 88	30,183 50 28	44,948 74 88

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 096	59,515 100 00	13,970 100 00	44,671 100 00	10,273 100 00	44,671 100 00
Total and Population		13,970 23 47	44,671 75 06	10,273 17 26	44,671 75 06

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 097	59,072 100 00	16,869 100 00	46,339 100 00	12,405 100 00	46,339 100 00
Total and Population		16,869 28 56	46,339 78 44	12,405 21 00	46,339 78 44

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 098	59,998 100 00	13,286 100 00	42,734 100 00	9,934 100 00	42,734 100 00
Total and Population		13,286 22 14	42,734 71 23	9,934 16 56	42,734 71 23

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 099	59,850 100 00	9,514 100 00	45,004 100 00	6,622 100 00	45,004 100 00
Total and Population		9,514 15 90	45,004 75 19	6,622 11 06	45,004 75 19

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 026	1,992 3 38	79 1 24	1,427 3 39	47 1 11	1,427 3 39
Dist 100	56,859 96 62	6,276 98 76	40,611 96 61	4,190 98 89	40,611 96 61
Total and Population		6,355 10 80	42,038 71 43	4,237 7 20	42,038 71 43

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 101	59,938 100 00	15,380 100 00	46,584 100 00	11,269 100 00	46,584 100 00
Total and Population		15,380 25 66	46,584 77 72	11,269 18 80	46,584 77 72

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 102	58,959 100 00	23,702 100 00	42,968 100 00	16,164 100 00	42,968 100 00
Total and Population		23,702 40 20	42,968 72 88	16,164 27 42	42,968 72 88

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 100	0 0 00	0 0 00	0 00	0 00	0 00

Dist 103	60,197	100 00	10,628	100 00	44,399	100 00	7,454	100 00	44,399	100 00
Total and Population			10,628	17 66	44,399	73 76	7,454	12 38	44,399	73 76

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 104	59,362	100 00	10,743	100 00	43,306	100 00	7,373	100 00	43,306	100 00
Total and Population			10,743	18 10	43,306	72 95	7,373	12 42	43,306	72 95

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 105	59,344	100 00	18,444	100 00	43,474	100 00	12,628	100 00	43,474	100 00
Total and Population			18,444	31 08	43,474	73 26	12,628	21 28	43,474	73 26

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 106	59,112	100 00	23,221	100 00	43,890	100 00	15,918	100 00	43,890	100 00
Total and Population			23,221	39 28	43,890	74 25	15,918	26 93	43,890	74 25

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 107	59,702	100 00	18,372	100 00	44,509	100 00	13,186	100 00	44,509	100 00
Total and Population			18,372	30 77	44,509	74 55	13,186	22 09	44,509	74 55

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 108	59,577	100 00	11,946	100 00	44,308	100 00	8,132	100 00	44,308	100 00
Total and Population			11,946	20 05	44,308	74 37	8,132	13 65	44,308	74 37

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 109	59,630	100 00	19,592	100 00	44,140	100 00	14,352	100 00	44,140	100 00
Total and Population			19,592	32 86	44,140	74 02	14,352	24 07	44,140	74 02

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 110	59,951	100 00	30,042	100 00	43,226	100 00	20,400	100 00	43,226	100 00
Total and Population			30,042	50 11	43,226	72 10	20,400	34 03	43,226	72 10

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 111	60,009 100 00	14,572 100 00	44,096 100 00	9,828 100 00	44,096 100 00
Total and Population		14,572 24 28	44,096 73 48	9,828 16 38	44,096 73 48

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 112	59,349 100 00	12,163 100 00	45,120 100 00	8,667 100 00	45,120 100 00
Total and Population		12,163 20 49	45,120 76 02	8,667 14 60	45,120 76 02

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 113	60,053 100 00	37,002 100 00	44,538 100 00	26,515 100 00	44,538 100 00
Total and Population		37,002 61 62	44,538 74 16	26,515 44 15	44,538 74 16

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 114	59,867 100 00	15,438 100 00	45,872 100 00	11,347 100 00	45,872 100 00
Total and Population		15,438 25 79	45,872 76 62	11,347 18 95	45,872 76 62

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 115	45,785 76 98	27,963 82 32	33,765 76 77	19,611 82 25	33,765 76 77
Dist 116	17 0 03	10 0 03	13 0 03	6 0 03	13 0 03
Dist 117	13,671 22 99	5,997 17 65	10,205 23 20	4,226 17 72	10,205 23 20
Total and Population		33,970 57 12	43,983 73 95	23,843 40 09	43,983 73 95

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 091	12,646 21 40	6,673 19 87	9,351 20 74	4,753 19 40	9,351 20 74
Dist 115	3,298 5 58	1,222 3 64	2,500 5 55	814 3 32	2,500 5 55
Dist 116	43,152 73 02	25,685 76 49	33,228 73 71	18,929 77 27	33,228 73 71
Total and Population		33,580 56 82	45,079 76 28	24,496 41 45	45,079 76 28

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 074	4,497 7 66	1,979 5 83	3,472 7 91	1,450 6 04	3,472 7 91
Dist 116	5,233 8 92	4,035 11 88	3,713 8 46	2,811 11 72	3,713 8 46
Dist 117	23,869 40 67	11,693 34 43	18,233 41 53	8,339 34 76	18,233 41 53
Dist 134	25,093 42 75	16,250 47 85	18,489 42 11	11,392 47 48	18,489 42 11

Total and	Population		33,957	57 86	43,907	74 81	23,992	40 88	43,907	74 81

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 117	22,590	37 49	5,677	37 35	16,535	36 32	3,898	34 90	16,535	36 32
Dist 118	37,663	62 51	9,523	62 65	28,988	63 68	7,272	65 10	28,988	63 68
Total and	Population		15,200	25 23	45,523	75 55	11,170	18 54	45,523	75 55

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 119	54,736	92 37	8,054	91 03	40,949	92 34	5,601	90 54	40,949	92 34
Dist 120	4,524	7 63	794	8 97	3,397	7 66	585	9 46	3,397	7 66
Total and	Population		8,848	14 93	44,346	74 83	6,186	10 44	44,346	74 83

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 031	3,507	5 89	227	2 09	2,752	5 76	166	2 01	2,752	5 76
Dist 032	1,765	2 96	96	0 88	1,364	2 85	73	0 88	1,364	2 85
Dist 120	42,175	70 82	7,298	67 19	33,922	71 00	5,553	67 27	33,922	71 00
Dist 121	4,201	7 05	497	4 58	3,782	7 92	420	5 09	3,782	7 92
Dist 122	7,906	13 28	2,743	25 26	5,957	12 47	2,043	24 75	5,957	12 47
Total and	Population		10,861	18 24	47,777	80 22	8,255	13 86	47,777	80 22

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 120	9,150	15 36	500	7 81	6,614	14 64	330	7 10	6,614	14 64
Dist 121	45,510	76 37	4,474	69 85	34,610	76 63	3,311	71 27	34,610	76 63
Dist 124	4,928	8 27	1,431	22 34	3,943	8 73	1,005	21 63	3,943	8 73
Total and	Population		6,405	10 75	45,167	75 80	4,646	7 80	45,167	75 80

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 120	3,133	5 25	276	1 69	2,834	5 64	211	1 79	2,834	5 64
Dist 121	6,065	10 17	354	2 17	5,403	10 76	294	2 50	5,403	10 76
Dist 122	50,430	84 57	15,698	96 14	41,995	83 60	11,259	95 71	41,995	83 60
Total and	Population		16,328	27 38	50,232	84 24	11,764	19 73	50,232	84 24

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 123	52,873	88 55	11,874	91 02	41,482	88 57	8,913	90 75	41,482	88 57
Dist 124	6,839	11 45	1,172	8 98	5,354	11 43	909	9 25	5,354	11 43
Total and	Population		13,046	21 85	46,836	78 44	9,822	16 45	46,836	78 44

P an P oo er se i ustrative District Tota Po u ation

ore onstituencies

	Po u ation	P	Po	P	Po
Dist 118	8,280 14 08	1,975 12 16	6,595 13 93	1,428 11 92	6,595 13 93
Dist 121	3,351 5 70	563 3 47	2,803 5 92	429 3 58	2,803 5 92
Dist 122	1,296 2 20	840 5 17	888 1 88	576 4 81	888 1 88
Dist 124	45,895 78 02	12,870 79 21	37,052 78 27	9,550 79 70	37,052 78 27
Total and Population		16,248 27 62	47,338 80 48	11,983 20 37	47,338 80 48

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 125	43,038 71 82	10,946 56 43	31,520 71 10	7,402 55 36	31,520 71 10
Dist 128	16,884 28 18	8,451 43 57	12,810 28 90	5,969 44 64	12,810 28 90
Total and Population		19,397 32 37	44,330 73 98	13,371 22 31	44,330 73 98

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 126	44,186 73 67	27,112 81 23	33,470 73 34	19,821 80 74	33,470 73 34
Dist 128	2,884 4 81	226 0 68	2,236 4 90	167 0 68	2,236 4 90
Dist 130	1,102 1 84	1,003 3 01	866 1 90	781 3 18	866 1 90
Dist 132	8,492 14 16	3,233 9 69	6,606 14 47	2,454 10 00	6,606 14 47
Dist 159	3,313 5 52	1,803 5 40	2,461 5 39	1,327 5 41	2,461 5 39
Total and Population		33,377 55 65	45,639 76 09	24,550 40 93	45,639 76 09

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 125	4,940 8 19	1,019 9 88	3,787 8 10	724 9 87	3,787 8 10
Dist 127	40,489 67 15	6,977 67 62	31,345 67 07	5,000 68 17	31,345 67 07
Dist 131	14,865 24 65	2,322 22 50	11,603 24 83	1,611 21 96	11,603 24 83
Total and Population		10,318 17 11	46,735 77 51	7,335 12 17	46,735 77 51

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 126	2,035 3 39	1,124 3 43	1,601 3 45	896 3 67	1,601 3 45
Dist 128	19,988 33 32	10,969 33 49	15,709 33 82	8,333 34 14	15,709 33 82
Dist 132	8,622 14 37	5,278 16 12	6,802 14 64	4,095 16 78	6,802 14 64
Dist 155	29,338 48 91	15,380 46 96	22,342 48 09	11,081 45 40	22,342 48 09
Total and Population		32,751 54 60	46,454 77 45	24,405 40 69	46,454 77 45

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 127	8,772 14 65	2,485 7 61	7,202 15 02	1,881 7 67	7,202 15 02
Dist 129	51,119 85 35	30,149 92 39	40,748 84 98	22,645 92 33	40,748 84 98
Total and Population		32,634 54 49	47,950 80 06	24,526 40 95	47,950 80 06

P an P oo er se i ustrative District Tota Po u ation

ore onstituencies

	Po u ation	P	Po	P	Po
Dist 126	4,365 7 27	1,578 4 48	3,421 7 56	1,222 4 90	3,421 7 56
Dist 129	2,522 4 20	1,215 3 45	2,239 4 95	1,050 4 21	2,239 4 95
Dist 130	53,170 88 53	32,421 92 07	39,567 87 49	22,674 90 89	39,567 87 49
Total and Population		35,214 58 63	45,227 75 31	24,946 41 54	45,227 75 31

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 125	12,159 20 57	3,290 26 58	8,505 20 30	2,250 26 79	8,505 20 30
Dist 127	2,912 4 93	269 2 17	2,031 4 85	188 2 24	2,031 4 85
Dist 131	44,025 74 50	8,820 71 25	31,365 74 86	5,961 70 97	31,365 74 86
Total and Population		12,379 20 95	41,901 70 90	8,399 14 21	41,901 70 90

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 127	6,505 11 09	1,809 5 48	5,311 11 51	1,431 5 89	5,311 11 51
Dist 129	5,188 8 85	2,881 8 73	3,886 8 42	2,022 8 32	3,886 8 42
Dist 130	4,931 8 41	4,140 12 55	3,586 7 77	2,917 12 01	3,586 7 77
Dist 132	42,028 71 66	24,169 73 24	33,344 72 29	17,922 73 78	33,344 72 29
Total and Population		32,999 56 26	46,127 78 65	24,292 41 42	46,127 78 65

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 123	6,409 10 91	3,138 9 89	5,090 10 72	2,394 9 70	5,090 10 72
Dist 124	1,559 2 65	876 2 76	1,289 2 71	722 2 93	1,289 2 71
Dist 128	19,108 32 54	11,258 35 50	15,733 33 12	8,965 36 32	15,733 33 12
Dist 133	22,767 38 77	13,112 41 34	18,359 38 65	10,053 40 73	18,359 38 65
Dist 149	8,877 15 12	3,330 10 50	7,026 14 79	2,549 10 33	7,026 14 79
Total and Population		31,714 54 01	47,497 80 89	24,683 42 04	47,497 80 89

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 074	5,385 9 19	629 7 58	4,352 9 54	457 7 50	4,352 9 54
Dist 134	20,005 34 13	3,439 41 47	15,631 34 26	2,471 40 55	15,631 34 26
Dist 135	33,232 56 69	4,225 50 95	25,638 56 20	3,166 51 95	25,638 56 20
Total and Population		8,293 14 15	45,621 77 82	6,094 10 40	45,621 77 82

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 118	14,044 23 58	2,997 20 81	10,759 23 16	2,237 20 14	10,759 23 16
Dist 134	14,298 24 00	1,745 12 11	10,990 23 65	1,280 11 52	10,990 23 65
Dist 135	13,474 22 62	4,697 32 61	10,677 22 98	3,642 32 79	10,677 22 98
Dist 144	17,323 29 08	4,893 33 97	13,688 29 46	3,889 35 01	13,688 29 46
Dist 145	428 0 72	73 0 51	349 0 75	59 0 53	349 0 75
Total and Population		14,405 24 18	46,463 78 00	11,107 18 65	46,463 78 00

ore onstituencies

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 136	59,298 99 17	17,530 99 22	45,367 99 12	13,005 99 07	45,367 99 12
Dist 137	497 0 83	137 0 78	404 0 88	122 0 93	404 0 88
Total and Population		17,667 29 55	45,771 76 55	13,127 21 95	45,771 76 55

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 137	59,054 100 00	32,115 100 00	44,954 100 00	23,525 100 00	44,954 100 00
Total and Population		32,115 54 38	44,954 76 12	23,525 39 84	44,954 76 12

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 138	58,912 100 00	12,072 100 00	45,684 100 00	8,824 100 00	45,684 100 00
Total and Population		12,072 20 49	45,684 77 55	8,824 14 98	45,684 77 55

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 139	59,010 100 00	12,846 100 00	45,522 100 00	9,227 100 00	45,522 100 00
Total and Population		12,846 21 77	45,522 77 14	9,227 15 64	45,522 77 14

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 140	59,294 100 00	35,460 100 00	44,411 100 00	25,596 100 00	44,411 100 00
Total and Population		35,460 59 80	44,411 74 90	25,596 43 17	44,411 74 90

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 141	59,019 100 00	34,760 100 00	44,677 100 00	25,672 100 00	44,677 100 00
Total and Population		34,760 58 90	44,677 75 70	25,672 43 50	44,677 75 70

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 142	11,848 20 21	10,054 30 52	8,123 18 79	6,712 29 57	8,123 18 79
Dist 143	19,576 33 39	9,267 28 13	15,026 34 77	6,659 29 34	15,026 34 77
Dist 145	19,315 32 94	11,469 34 82	13,959 32 30	7,804 34 39	13,959 32 30
Dist 146	5,967 10 18	1,319 4 00	4,793 11 09	957 4 22	4,793 11 09
Dist 147	1,931 3 29	831 2 52	1,320 3 05	563 2 48	1,320 3 05
Total and Population		32,940 56 18	43,221 73 71	22,695 38 70	43,221 73 71

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 142	8,486 14 44	2,924 8 09	6,635 14 32	2,017 7 48	6,635 14 32
Dist 143	39,893 67 88	28,778 79 63	31,364 67 71	21,542 79 86	31,364 67 71
Dist 144	2,370 4 03	1,211 3 35	1,735 3 75	790 2 93	1,735 3 75
Dist 149	8,022 13 65	3,226 8 93	6,589 14 22	2,627 9 74	6,589 14 22
Total and Population		36,139 61 49	46,323 78 82	26,976 45 90	46,323 78 82

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 133	36,435 60 61	9,701 61 42	28,863 61 01	7,305 61 81	28,863 61 01
Dist 144	23,679 39 39	6,094 38 58	18,449 38 99	4,514 38 19	18,449 38 99
Total and Population		15,795 26 28	47,312 78 70	11,819 19 66	47,312 78 70

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 142	39,274 65 22	24,637 76 80	29,826 64 39	17,807 76 58	29,826 64 39
Dist 144	15,860 26 34	6,121 19 08	12,498 26 98	4,405 18 94	12,498 26 98
Dist 145	5,080 8 44	1,322 4 12	3,994 8 62	1,040 4 47	3,994 8 62
Total and Population		32,080 53 28	46,318 76 92	23,252 38 62	46,318 76 92

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 146	42,563 72 53	12,040 75 09	31,339 72 41	8,476 74 32	31,339 72 41
Dist 148	16,120 27 47	3,995 24 91	11,941 27 59	2,929 25 68	11,941 27 59
Total and Population		16,035 27 32	43,280 73 75	11,405 19 43	43,280 73 75

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 135	13,357 22 76	5,712 33 31	10,410 23 18	4,290 33 83	10,410 23 18
Dist 145	26,223 44 69	5,767 33 63	20,815 46 35	4,416 34 83	20,815 46 35
Dist 146	6,414 10 93	2,552 14 88	4,527 10 08	1,679 13 24	4,527 10 08
Dist 147	12,684 21 62	3,116 18 17	9,153 20 38	2,295 18 10	9,153 20 38
Total and Population		17,147 29 22	44,905 76 53	12,680 21 61	44,905 76 53

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 148	43,864 74 43	17,206 74 60	34,673 74 93	12,929 74 75	34,673 74 93
Dist 156	15,070 25 57	5,857 25 40	11,598 25 07	4,368 25 25	11,598 25 07
Total and Population		23,063 39 13	46,271 78 51	17,297 29 35	46,271 78 51

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 145	8,817 15 04	4,280 20 19	6,727 14 92	3,034 20 36	6,727 14 92
Dist 146	5,259 8 97	1,779 8 39	3,930 8 72	1,200 8 05	3,930 8 72
Dist 147	44,563 76 00	15,139 71 42	34,429 76 36	10,668 71 59	34,429 76 36
Total and Population		21,198 36 15	45,086 76 89	14,902 25 41	45,086 76 89

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 150	59,276 100 00	32,464 100 00	47,050 100 00	25,202 100 00	47,050 100 00
Total and Population		32,464 54 77	47,050 79 37	25,202 42 52	47,050 79 37

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 151	36,944 62 36	13,290 71 24	28,514 63 28	9,919 72 01	28,514 63 28
Dist 152	22,297 37 64	5,365 28 76	16,547 36 72	3,855 27 99	16,547 36 72
Total and Population		18,655 31 49	45,061 76 06	13,774 23 25	45,061 76 06

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 152	31,650 52 68	7,907 50 53	24,573 53 41	5,756 51 00	24,573 53 41
Dist 169	1,825 3 04	382 2 44	1,403 3 05	290 2 57	1,403 3 05
Dist 170	7,432 12 37	1,444 9 23	5,929 12 89	1,089 9 65	5,929 12 89
Dist 172	19,169 31 91	5,916 37 80	14,106 30 66	4,151 36 78	14,106 30 66
Total and Population		15,649 26 05	46,011 76 59	11,286 18 79	46,011 76 59

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 151	23,115 39 15	13,237 36 92	18,459 39 58	10,001 37 42	18,459 39 58
Dist 153	35,923 60 85	22,614 63 08	28,182 60 42	16,723 62 58	28,182 60 42
Total and Population		35,851 60 73	46,641 79 00	26,724 45 27	46,641 79 00

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 152	4,106 6 90	2,059 5 50	3,272 7 03	1,594 5 65	3,272 7 03
Dist 153	4,551 7 65	4,183 11 18	3,303 7 09	3,000 10 63	3,303 7 09
Dist 154	50,847 85 45	31,179 83 32	39,996 85 88	23,639 83 73	39,996 85 88
Total and Population		37,421 62 89	46,571 78 27	28,233 47 45	46,571 78 27

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 149	32,508 54 17	9,099 57 39	25,322 54 23	6,761 57 27	25,322 54 23
Dist 155	27,506 45 83	6,757 42 61	21,376 45 77	5,045 42 73	21,376 45 77
Total and Population		15,856 26 42	46,698 77 81	11,806 19 67	46,698 77 81

ore onstituencies

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 149	9,486 16 08	3,833 20 69	7,884 17 11	3,114 22 23	7,884 17 11
Dist 156	43,111 73 07	12,575 67 89	33,270 72 19	9,378 66 96	33,270 72 19
Dist 158	6,406 10 86	2,114 11 41	4,934 10 71	1,514 10 81	4,934 10 71
Total and Population		18,522 31 39	46,088 78 11	14,006 23 74	46,088 78 11

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 156	1,263 2 09	168 1 19	999 2 18	129 1 24	999 2 18
Dist 157	53,476 88 60	13,447 95 55	40,505 88 46	10,029 96 05	40,505 88 46
Dist 178	5,619 9 31	458 3 25	4,285 9 36	283 2 71	4,285 9 36
Total and Population		14,073 23 32	45,789 75 86	10,441 17 30	45,789 75 86

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 126	8,674 14 49	3,638 18 01	7,005 15 14	2,843 19 11	7,005 15 14
Dist 155	1,915 3 20	119 0 59	1,490 3 22	82 0 55	1,490 3 22
Dist 158	49,270 82 31	16,439 81 40	37,766 81 64	11,955 80 34	37,766 81 64
Total and Population		20,196 33 74	46,261 77 28	14,880 24 86	46,261 77 28

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 158	3,764 6 24	1,103 7 55	2,849 6 29	740 7 11	2,849 6 29
Dist 159	56,582 93 76	13,504 92 45	42,410 93 71	9,668 92 89	42,410 93 71
Total and Population		14,607 24 21	45,259 75 00	10,408 17 25	45,259 75 00

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 160	59,935 100 00	14,170 100 00	48,057 100 00	10,859 100 00	48,057 100 00
Total and Population		14,170 23 64	48,057 80 18	10,859 18 12	48,057 80 18

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 161	60,097 100 00	17,350 100 00	44,371 100 00	12,042 100 00	44,371 100 00
Total and Population		17,350 28 87	44,371 73 83	12,042 20 04	44,371 73 83

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 162	60,308 100 00	28,142 100 00	46,733 100 00	20,435 100 00	46,733 100 00

Total and	Population		28,142	46 66	46,733	77 49	20,435	33 88	46,733	77 49

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 163	60,123	100 00	29,099	100 00	48,461	100 00	22,045	100 00	48,461	100 00
Total and Population			29,099	48 40	48,461	80 60	22,045	36 67	48,461	80 60

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 164	60,101	99 76	15,067	99 99	45,851	99 75	10,760	100 00	45,851	99 75
Dist 166	144	0 24	2	0 01	113	0 25		0 00	113	0 25
Total and Population			15,069	25 01	45,964	76 30	10,760	17 86	45,964	76 30

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 165	59,978	100 00	32,897	100 00	48,247	100 00	24,282	100 00	48,247	100 00
Total and Population			32,897	54 85	48,247	80 44	24,282	40 48	48,247	80 44

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 166	60,098	100 00	3,645	100 00	47,467	100 00	2,698	100 00	47,467	100 00
Total and Population			3,645	6 07	47,467	78 98	2,698	4 49	47,467	78 98

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 167	47,024	78 13	11,482	71 70	35,561	77 36	8,152	70 13	35,561	77 36
Dist 168	11,457	19 04	4,459	27 84	9,052	19 69	3,423	29 45	9,052	19 69
Dist 178	1,703	2 83	74	0 46	1,358	2 95	49	0 42	1,358	2 95
Total and Population			16,015	26 61	45,971	76 38	11,624	19 31	45,971	76 38

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 157	6,481	10 75	1,671	5 89	4,806	10 98	1,147	5 91	4,806	10 98
Dist 167	5,109	8 48	1,606	5 66	3,147	7 19	943	4 85	3,147	7 19
Dist 168	48,690	80 77	25,081	88 44	35,815	81 83	17,334	89 24	35,815	81 83
Total and Population			28,358	47 04	43,768	72 61	19,424	32 22	43,768	72 61

P an P oo er se i ustrative District Tota Po u ation

	Po u ation		P		Po		P		Po	
Dist 169	57,313	95 52	17,582	98 93	43,864	95 49	12,857	98 97	43,864	95 49
Dist 170	2,686	4 48	191	1 07	2,072	4 51	134	1 03	2,072	4 51

Total and Population		17,773 29 62	45,936 76 56	12,991 21 65	45,936 76 56	

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 170	49,998 83 49	14,023 79 93	37,315 83 61	9,753 79 65	37,315 83 61
Dist 172	9,887 16 51	3,521 20 07	7,317 16 39	2,492 20 35	7,317 16 39
Total and Population		17,544 29 30	44,632 74 53	12,245 20 45	44,632 74 53

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 152	2,081 3 45	1,023 2 83	1,634 3 54	788 2 94	1,634 3 54
Dist 153	18,825 31 20	15,386 42 51	14,207 30 80	11,324 42 29	14,207 30 80
Dist 171	21,755 36 06	10,394 28 72	17,065 37 00	7,917 29 57	17,065 37 00
Dist 172	1,476 2 45	192 0 53	1,146 2 48	134 0 50	1,146 2 48
Dist 173	16,194 26 84	9,196 25 41	12,069 26 17	6,615 24 70	12,069 26 17
Total and Population		36,191 59 99	46,121 76 45	26,778 44 39	46,121 76 45

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 172	29,429 49 40	5,165 38 76	22,187 48 76	3,662 37 98	22,187 48 76
Dist 173	30,143 50 60	8,160 61 24	23,313 51 24	5,981 62 02	23,313 51 24
Total and Population		13,325 22 37	45,500 76 38	9,643 16 19	45,500 76 38

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 154	9,147 15 24	3,093 13 83	7,277 15 79	2,275 13 88	7,277 15 79
Dist 171	37,482 62 43	14,017 62 68	28,904 62 71	10,285 62 74	28,904 62 71
Dist 173	13,406 22 33	5,253 23 49	9,910 21 50	3,832 23 38	9,910 21 50
Total and Population		22,363 37 25	46,091 76 77	16,392 27 30	46,091 76 77

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 174	59,852 100 00	11,260 100 00	45,760 100 00	7,950 100 00	45,760 100 00
Total and Population		11,260 18 81	45,760 76 46	7,950 13 28	45,760 76 46

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po
Dist 175	59,993 100 00	15,333 100 00	44,704 100 00	10,805 100 00	44,704 100 00
Total and Population		15,333 25 56	44,704 74 52	10,805 18 01	44,704 74 52

P an P oo er se i ustrative District Tota Po u ation

	Po u ation	P	Po	P	Po

ore onstituencies

Dist 176		59,470	100 00	14,031	100 00	44,991	100 00	10,206	100 00	44,991	100 00
Total and	Population			14,031	23 59	44,991	75 65	10,206	17 16	44,991	75 65

P an P oo er se i ustrative District Tota Po u ation

		Po u ation		P		Po		P		Po	
Dist 177		59,992	100 00	34,510	100 00	46,014	100 00	24,793	100 00	46,014	100 00
Total and	Population			34,510	57 52	46,014	76 70	24,793	41 33	46,014	76 70

P an P oo er se i ustrative District Tota Po u ation

		Po u ation		P		Po		P		Po	
Dist 167		6,742	11 37	1,094	10 85	4,961	11 04	702	9 86	4,961	11 04
Dist 178		52,555	88 63	8,993	89 15	39,995	88 96	6,418	90 14	39,995	88 96
Total and	Population			10,087	17 01	44,956	75 81	7,120	12 01	44,956	75 81

P an P oo er se i ustrative District Tota Po u ation

		Po u ation		P		Po		P		Po	
Dist 167		618	1 03	54	0 30	471	0 99	38	0 30	471	0 99
Dist 179		59,356	98 97	18,047	99 70	47,156	99 01	12,745	99 70	47,156	99 01
Total and	Population			18,101	30 18	47,627	79 41	12,783	21 31	47,627	79 41

P an P oo er se i ustrative District Tota Po u ation

		Po u ation		P		Po		P		Po	
Dist 180		59,412	100 00	11,721	100 00	45,362	100 00	8,261	100 00	45,362	100 00
Total and	Population			11,721	19 73	45,362	76 35	8,261	13 90	45,362	76 35

EXHIBIT 16

Augusta & East Central area
Voting Precincts
Barrow
Clarke
Oconee
Oglethorpe
Walton
Wilkes
Lincoln
Greene
Taliaferro
Columbia
Morgan
McDuffie
Warren
Jasper
Putnam
Richmond
Hancock
Glascock
Jefferson
Baldwin
Burke
Jones
Washington
Bibb
Wilkinson
Jenkins
Johnson
Twiggs
Emanuel
Laurens
Candler
Bulloch
Houston
Bleckley
Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 5 10 15
Miles
Created in CALIPER

EXHIBIT 17

Metro
Voting Precincts
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Jasper
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
©2021 CALIPER
Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 18

APA-Cooper Illustrative Sen (1205) SD 10
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
010
Newton
Fayette
Henry
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 19

Cooper 1205 Sen - SDs 10, 16, 28, 34
Polk
Cobb
Gwinnett
Paulding
Walton
DeKalb
Douglas
010
Rockdale
034
Clayton
Morgan
Carroll
Fulton
Newton
028
Fayette
Henry
016
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:8
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 20

APA-Cooper Illustrative Sen (1205) SD 16
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Fayette
Henry
016
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0
3.3
6.7
10
Miles

EXHIBIT 21

APA-Cooper Illustrative Sen (1205) SD 17
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
017
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:2
%AP_Blk
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20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 22

Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
DeKalb
020
Douglas
Rockdale
Morgan
Clayton
Carroll
Fulton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
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Map layers
Voting District
County
Districts:5
%AP_Blk
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20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 23

Cooper 1205 Sen - SDs 22 & 23
Barrow
Clarke
Oconee
Oglethorpe
Walton
Wilkes
Lincoln
Greene
Taliaferro
Columbia
Morgan
McDuffie
Warren
022
Jasper
Putnam
Richmond
Hancock
Glascock
Jefferson
023
Burke
Jones
Baldwin
Washington
Bibb
Wilkinson
Jenkins
Johnson
Twiggs
Emanuel
Laurens
Candler
Bulloch
Houston
Bleckley
Treutlen
Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 5 10 15
Miles
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EXHIBIT 24

APA-Cooper Illustrative Sen (1205) SD 28
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
DeKalb
Douglas
Rockdale
Morgan
Clayton
Carroll
Fulton
Newton
028
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
©2021 CALIPER
Jones
Map layers
Voting District
County
Districts:3
%AP_Blk
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20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
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0 3.3 6.7 10
Miles

EXHIBIT 25

APA-Cooper Illustrative Sen (1205) SD 33
Polk
Cobb
Barrow
Gwinnett
Paulding
033
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
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50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 26

APA-Cooper Illustrative Sen (1205) SD 34
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
034
Clayton
Morgan
Carroll
Fulton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:2
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20.00% to 35.00%
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50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 27

APA-Cooper Illustrative Sen (1205) SD 35
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
035
Rockdale
Morgan
Clayton
Carroll
Fulton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 28

APA-Cooper Illustrative Sen (1205) SD 38
Polk
Cobb
Barrow
Gwinnett
Paulding
038
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 29

APA-Cooper Illustrative Sen (1205) SD 39
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
039
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
Map layers
Voting District
County
Districts:2
%AP_Blk
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20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles
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EXHIBIT 30

APA-Cooper Illustrative Sen (1205) SD 42
Polk
Cobb
Barrow
Gwinnett
Paulding
042
Walton
DeKalb
Douglas
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 31

APA-Cooper Illustrative Sen (1205) SD 43
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
043
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 32

APA-Cooper Illustrative Sen (1205) SD 44
Polk
Cobb
Barrow
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Jasper
Coweta
Butts
Spalding
Meriwether
Pike
Lamar
Monroe
044
Jones
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Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 33

APA-Cooper Illustrative Sen (1205) SD 55
Polk
Cobb
Barrow
Gwinnett
Paulding
055
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
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Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 34

Cooper 1205 Sen - SDs 10, 16, 34, 44
Polk
Cobb
Gwinnett
Paulding
Walton
Douglas
DeKalb
Rockdale
Carroll
Fulton
Clayton
034
010
044
Newton
Henry
Fayette
Jasper
Coweta
016
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
©2021 CALIPER
Map layers
Voting District
County
Districts:4
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0
3.3
6.7
10
Miles

EXHIBIT 35

Enacted Sen - SDs 22 & 23
Barrow
Clarke
Oconee
Oglethorpe
Walton
Wilkes
Lincoln
Greene
Taliaferro
Columbia
Morgan
McDuffie
Warren
022
Richmond
Jasper
Putnam
Hancock
Glascock
Jefferson
Baldwin
Burke
023
Jones
Washington
Wilkinson
Jenkins
Johnson
Screven
Laurens
Emanuel
Candler
Bulloch
Effingham
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 5 10 15
Miles
Treutlen
CALIPER

EXHIBIT 36

Enacted Sen - SD 33
Polk
Cobb
Barrow
Gwinnett
Paulding
033
Walton
Douglas
DeKalb
Rockdale
Carroll
Fulton
Clayton
Newton
Fayette
Henry
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
©2021 CALIPER
Map layers
Voting District
County
Districts
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 37

Enacted Sen - SD 38
Polk
Cobb
Gwinnett
Paulding
038
Douglas
DeKalb
Walton
Rockdale
Carroll
Fulton
Clayton
Newton
Fayette
Henry
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 38

Enacted Sen - SD 39
Polk
Cobb
Gwinnett
Paulding
Walton
Douglas
DeKalb
039
Rockdale
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Jasper
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
©2021 CALIPER
Map layers
Voting District
County
Districts
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 39

Enacted Sen - SD 42
Polk
Cobb
Barrow
Gwinnett
Paulding
042
Walton
DeKalb
Douglas
Rockdale
Morgan
Clayton
Carroll
Fulton
Newton
Henry
Fayette
Coweta
Heard
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Jones
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 40

Enacted Sen - SD 55
Jackson
Barrow
Cobb
Gwinnett
Paulding
Oconee
055
Walton
Douglas
DeKalb
Rockdale
Morgan
Carroll
Fulton
Clayton
Newton
Henry
Fayette
Coweta
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 41

Metro
Voting Precincts
Barrow
Oconee
Gwinnett
Paulding
Cobb
Walton
DeKalb
Douglas
Rockdale
Clayton
Morgan
Fulton
Carroll
Newton
Fayette
Henry
Coweta
Jasper
Butts
Spalding
Troup
Meriwether
Pike
Lamar
Monroe
Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0 3.3 6.7 10
Miles
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EXHIBIT 42

Central
voting precincts
Spalding
Butts
Jasper
Putnam
Hancock
Warren
Glascock
Pike
Lamar
Monroe
Jones
Baldwin
Washington
Upson
Bibb
Wilkinson
Johnson
Crawford
Twiggs
Taylor
Peach
Laurens
Bleckley
Houston
Macon
Pulaski
Dodge
Dooly
Schley
Sumter
©2021 CALIPER
Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
5
10
15
Miles

EXHIBIT 43

East Central voting precincts
Hall
Banks
Franklin
Hart
Jackson
Madison
Elbert
Barrow
Clarke
Oglethorpe
Oconee
Walton
Wilkes
Lincoln
Greene
Taliaferro
Morgan
Columbia
McDuffie
Warren
Richmond
Jasper
Putnam
Hancock
Glascock
Jefferson
Baldwin
Burke
Jones
Washington
Bibb
Wilkinson
Jenkins
Twiggs
Johnson
Screven
Emanuel
Laurens
Houston
Bleckley
Treutlen
Candler
Bulloch
Effingham
Dooly
Pulaski
Montgomery
Toombs
Evans
Dodge
Wheeler
Bryan
Wilcox
Crisp
Telfair
Tattnall
Liberty
Chatham
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Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
10
20
30
Miles

EXHIBIT 44

Southwest region voting precincts
Muscogee
Taylor
Peach
Twiggs
Chattahoochee
Marion
Macon
Dodge
Schley
Pulaski
Dooly
Stewart
Webster
Sumter
Crisp
Wilcox
Quitman
Lee
Terrell
Ben Hill
Randolph
Turner
Irwin
Clay
Calhoun
Dougherty
Worth
Tift
Baker
Early
Berrien
Colquitt
Miller
Mitchell
Cook
Seminole
Decatur
Grady
Thomas
Brooks
Lowndes
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Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0 5 10 15
Miles

EXHIBIT 45

Northwest Georgia
Voting Precincts
Dade
Catoosa
Fannin
Murray
Whitfield
Walker
Gilmer
Gordon
Chattooga
Dawson
Pickens
Floyd
Bartow
Cherokee
Polk
Paulding
Cobb
©2021 CALIPER
Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 46

Metro-Southeast voting precincts
Walton
Oconee
Greene
DeKalb
Fulton
Rockdale
Clayton
Morgan
Newton
Henry
Fayette
Jasper
Putnam
Butts
Spalding
Pike
Lamar
Jones
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 47

APA-Cooper Illustrative (1205) HDs 1-6, and 12-15
Dade
003
Catoosa
Fannin
004
006
Murray
001
Whitfield
Gilmer
Walker
002
005
Gordon
Chattooga
Dawson
Pickens
013
014
Floyd
Bartow
Cherokee
012
015
Polk
Paulding
Cobb
Fulton
©2021 CALIPER
Map layers
Voting District
County
Districts:6
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 48

APA-Cooper Illustrative (1205) HDs 69, 73, 74, 77
Cobb
Walton
Douglas
DeKalb
Rockdale
Clayton
Fulton
Newton
Fayette
Henry
069
077
073
074
Jasper
Coweta
Butts
Spalding
Meriwether
Pike
Lamar
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 49

APA-Cooper Illustrative (1205) HDs 75, 76, 78, 79
Cobb
Walton
Douglas
DeKalb
Rockdale
Morgan
Fulton
Clayton
079
076
075
078
Newton
Henry
Fayette
Jasper
Coweta
Butts
Spalding
Meriwether
Pike
Lamar
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 50

APA-Cooper Illustrative (1205) HDs 91, 115, 116, 117
Cobb
Walton
Douglas
DeKalb
Rockdale
091
Morgan
Fulton
Clayton
Newton
Carroll
Henry
115
Fayette
116
Jasper
117
Coweta
Butts
Spalding
Meriwether
Pike
Lamar
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 51

APA-Cooper Illustrative (1205) HDs 91, 115, 116, 117, 118, 135
Walton
Oconee
Greene
DeKalb
Fulton
Rockdale
091
Clayton
Newton
Morgan
Henry
115
116
Fayette
118
Jasper
Putnam
117
Butts
Spalding
135
Pike
Lamar
Jones
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 52

APA-Cooper Illustrative (1205)
HDs 123, 124, 126, 128, 129, 130, 132, 133, 144, 155

EXHIBIT 53

APA-Cooper Illustrative (1205)
HDs 135, 142, 143, 144, 145, 147, 149
Spalding
Butts
Jasper
Putnam
Hancock
Warren
Glascock
135
Pike
Lamar
Monroe
Jones
144
Baldwin
Washington
Upson
145
Bibb
Wilkinson
Crawford
147
142
Twiggs
143
Johnson
149
Taylor
Peach
Laurens
Bleckley
Houston
Macon
Pulaski
Dodge
Dooly
Schley
Sumter
©2021 CALIPER
Map layers
Voting District
County
Districts:5
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
5
10
15
Miles

EXHIBIT 54

Map layers

- Voting District
- County
- Districts:2

%AP_Blk

- 0.00% to 20.00%
- 20.00% to 35.00%
- 35.00% to 50.00%
- 50.00% to 65.00%
- 65.00% to 100.00%
- Other

0 5 10 15

Miles

EXHIBIT 55

Enacted House- HDs 1-6, and 12-15
Dade
003
Catoosa
006
Fannin
Murray
Whitfield
002
001
004
Walker
Gilmer
Gordon
Chattooga
005
Dawson
Pickens
012
014
Floyd
013
Bartow
Cherokee
015
Polk
Paulding
Cobb
©2021 CALIPER
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
0 3.3 6.7 10
Miles

EXHIBIT 56

Enacted 2021 -HDs 69, 73, 74, 77
Cobb
Walton
Douglas
DeKalb
Rockdale
077
Clayton
Fulton
Newton
Henry
069
Fayette
073
Jasper
Coweta
074
Butts
Spalding
Meriwether
Pike
Lamar
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 57

Enacted 2021 -HDs 75, 76, 78, 79
Douglas
Walton
DeKalb
Fulton
Rockdale
Newton
Clayton
076
079
075
078
Fayette
Henry
Jasper
Coweta
Butts
Spalding
Meriwether
Pike
Lamar
Map layers
Voting District
County
Districts:5
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles
©2021 CALIPER

EXHIBIT 58

Enacted 2021 -HDs 91, 115, 116, 117
Cobb
Walton
Douglas
DeKalb
Rockdale
091
Morgan
Fulton
Clayton
Newton
116
115
Henry
Fayette
117
Jasper
Coweta
Butts
Spalding
Meriwether
Pike
Lamar
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
Districts:5
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 59

Enacted 2021 -HDs 91, 115, 116, 117, 118, 134
Walton
Oconee
Greene
DeKalb
Fulton
Rockdale
091
Clayton
Morgan
Newton
116
115
Henry
Fayette
117
Jasper
Putnam
Butts
118
Spalding
134
Pike
Lamar
Jones
Monroe
Upson
©2021 CALIPER
Map layers
Voting District
County
Districts:3
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
3.3
6.7
10
Miles

EXHIBIT 60

Enacted 2021
HDs 123, 124, 126, 128, 129, 130, 132, 133, 144, 155
Hall
Banks
Franklin
Hart
Jackson
Madison
Elbert
Barrow
Clarke
Oglethorpe
Oconee
Walton
Wilkes
123
Lincoln
124
Greene
Morgan
Taliaferro
Columbia
McDuffie
129
Warren
Richmond
Jasper
Putnam
130
Hancock
128
Glascock
132
Jefferson
Baldwin
Burke
126
144
Jones
133
Washington
Bibb
Wilkinson
Jenkins
Screven
Twiggs
Johnson
155
Emanuel
Laurens
Houston
Bleckley
Effingham
Treutlen
Candler
Bulloch
Pulaski
Dodge
Toombs
Evans
Dooly
Wheeler
Bryan
Wilcox
Telfair
Tattnall
Liberty
Chatham
Map layers
Voting District
County
Districts:2
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
10
20
30
Miles
©2021 CALIPER

EXHIBIT 61

Enacted 2021
HDs 133, 142, 143, 144, 145, 147, 149
Spalding
Butts
Jasper
Putnam
Warren
Glascock
Pike
Lamar
Monroe
Jones
Baldwin
Washington
Upson
Bibb
Wilkinson
Johnson
Crawford
Twiggs
Taylor
Peach
Bleckley
Houston
Macon
Pulaski
Dodge
Dooly
Schley
Sumter
144
133
142
143
149
145
147
©2021 CALIPER
Map layers
Voting District
County
Districts:4
%AP_Blk
0.00% to 20.00%
20.00% to 35.00%
35.00% to 50.00%
50.00% to 65.00%
65.00% to 100.00%
Other
0
5
10
15
Miles

EXHIBIT 62

Map layers

- Voting District
- County
- Districts:6

%AP_Blk

- 0.00% to 20.00%
- 20.00% to 35.00%
- 35.00% to 50.00%
- 50.00% to 65.00%
- 65.00% to 100.00%
- Other

0 5 10 15

Miles